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February 13, 2015

Mr. Damian Duda
USEPA REGION 2
290 Broadway
Mail Code: 20TH FL
New York, NY 10007-1866

Re: Katonah Municipal Well Site-Supplemental Site Investigation
Interim Report: Well Construction Completion and 1st Quarter Groundwater Monitoring

Chazen Job No. 41433.00

Dear Mr. Duda:

The Chazen Companies (Chazen) has prepared this interim report to document work completed to date for the ongoing Supplemental Site Investigation at the Katonah Municipal Well Site (the "Site"). A Site location map is attached as **Figure 1**. Work was completed in general accordance to the USEPA-approved Supplemental Site Investigation Work Plan prepared by Environmental Planning & Management (EPM), dated July 18, 2014 as amended by Chazen on October 3, 2014.

FIELD ACTIVITIES

Soil Borings-Well Installations

Four soil borings finished as groundwater monitoring wells were installed at the Site between October 28, 2014 and November 6, 2014. The wells, MW-11R, MW-1S, MW-4R, and MW-2S are include on the Site Layout Map as **Figure 2**.

The borings were installed from grade to the planned depths at each location using a sonic drilling rig. Continuous soil cores were collected from grade to the bottom depth of each borehole. The cores were inspected for evidence of impacts and a descriptive log prepared in the field. Boring logs describing the subsurface conditions are provided in **Attachment A**.

Monitoring wells were constructed as described in the approved work plan. Well screens were set within +/- one-foot of the targeted elevation interval at each location and finished to grade with solid riser. Two wells, MW-2S and MW-4R were finished with stick ups and protective steel casings. Wells MW-1S and MW-11R, were finished below grade with a protective flush mounted well-box. The well locations and elevations of key construction features were surveyed to NAD83 horizontal and NAVD88 vertical datum. Well construction features and elevations are included in **Table 1**.

Following installation, the wells were developed by pumping and surging until stabilized field parameter (water level, pH, specific conductance, and ORP) measurements were achieved. Purge water from each well remains containerized on Site in plastic totes while disposal options are being evaluated.

A vertical geological cross-section of the Site well field is included as **Figure 3**. The cross section depicts the monitoring well locations well screen depths, and water table relative to Site geologic features and the decommissioned Katonah Municipal well.

Soil and Screening-level Groundwater Sampling

During the advancement of the soil borings, soil and groundwater samples were collected in pairs from each boring. Beginning at the water table interface, four pairs were collected with approximately equal spacing until the final boring depth. Soil samples were collected with dedicated Encore® sampling devices. Groundwater samples from the water table interface samples were collected using dedicated bailers. Deeper samples were collected using a driller-operated retractable stainless-steel well screen, dedicated plastic tubing, and a mini-submersible pump. Samples were immediately placed in coolers with ice and then transported to York Analytical Laboratories for analysis of USEPA Target Compound List (TCL) volatile organic compounds (VOCs) by Method 8260C. In total, sixteen soil samples and sixteen groundwater samples were analyzed.

Investigation Derived Waste

Soil and groundwater from the site generated during the installation of the soil borings was containerized in a 20 yard roll-off (solids) and two 275-300 gallon polyethylene totes. Waste characterization sampling for disposal was completed November 7, 2014 and determined that no compounds were present in the water or soils at concentrations that exceed applicable standards and off-site disposal of the materials as contaminated waste is not required. The materials will be transported to Conklin Environmental Services in Newburgh, NY as non-impacted soil/liquid once the material thaws. The roll-off and totes remain on site pending pick-up by Conklin.

First Quarter Groundwater Sampling

Approximately one month after installation work, Chazen collected five groundwater samples on December 4, 2014 from newly installed and developed monitoring wells MW-11R, MW-1S, MW-4R, and MW-2S, and from the decommissioned Katonah Municipal well (sample ID KWF-PW).

Monitoring well samples were collected using dedicated tubing, a mini-submersible pump, and low-flow methodologies. Water quality parameters were measured with a YSI multi-parameter meter and a sampling log recorded in the field log. Due to a faulty DO sensor, DO was not measured.

A raw water sample was collected from the municipal well at the exterior pre-air stripper sample tap after running the pump and treatment system for approximately 5 minutes at a flow rate of 316 gallons per minute to purge the well and the pipes. Samples were immediately placed in coolers with ice and then transported by courier to York Analytical Laboratories for analysis of USEPA Target Compound List (TCL) volatile organic compounds (VOCs) by Method 8260.

Purge water from the monitoring wells was containerized for off-site disposal.

SAMPLE RESULTS AND ANALYSIS

Analytical Results

Copies of the laboratory analytical reports are included in **Attachment B**.

The Data Usability Summary Report for the installation soil samples and 1st round groundwater sampling event is included as **Attachment C**. As specified in the WP and QAPP, the screening level groundwater samples collected during installation were not validated. The validation indicates that all sample results are acceptable within the QA/QC objectives and therefore considered representative of quality of the environmental media at that location.

The analytical results for the soil and groundwater samples are summarized in Tables 2 through 4. Discussion and analysis of each set of samples is included below

Soil Samples

Table 2 provides a summary of the analytical soil results. Trace levels of a few select VOCs including known common laboratory contaminants (acetone and methylene chloride) were detected at concentrations well below 1 mg/kg (part per million).

Screening-level Groundwater Samples

Table 3 provides a summary of the analytical screening-level groundwater results compared to 6 NYCRR Part 703.5 groundwater standards. No compounds except chloroform were detected in any of the screening level groundwater samples at concentrations that exceed the applicable standards.

Tetrachloroethylene (PCE) was reported at low concentrations < 1 µg/l in the samples at the water table in MW-11R and MW-1S and in the sample at and immediately below the water table in MW-4R.

1st Quarter Groundwater Samples

Table 4 provides a summary of the 1st Quarter groundwater sampling results with comparison to 6 NYCRR Part 703.5 groundwater standards. PCE was reported at 9.3 µg/l in MW-4R, which exceeds the groundwater standard. No other site related COCs were reported at concentrations that exceed the applicable standards.

The cross section includes the concentration of PCE adjacent to the sampling point (mid-screen) at each well location to help visualize the spatial relationship in the data set.

PRELIMINARY ANALYSIS of RESULTS

Based on the field screening data collected during installation and the laboratory analytical results, there is no evidence of a sustaining source of site related compounds of concern in the on-site soils.

The screen level data suggests that there is no significant residual contamination remaining in the groundwater in the vicinity of the municipal pumping well and that the pump and treat system was effective at reducing the concentrations of COCs to the remedial action goals specified in the ROD. Noting that relatively high concentrations of trihalomethanes (THMS), notably chloroform, occurred in the deeper samples collected with the submersible pump but were NOT present in the samples collected with the hand bailers suggests that the chloroform was related to the sampling equipment and/or method, or to the drilling methods but is not conclusive. The source of the THMs is unknown but was not repeated in the validated data for the samples collected from the wells. Should we note that THMs are below MCL?

The validated data for the first quarter sampling event indicates that residual PCE remains in the aquifer at concentrations greater than the remedial action goal for the site but is limited to the deeper aquifer in a small area immediately down gradient and below the screened interval of the pumping well. None of the daughter products from aerobic or anaerobic dechlorination of PCE were detected in any of the samples except possibly methylene chloride which is believed to be a laboratory contaminant.

A review of geological data from the continuous cores collected during installation of the wells does not suggest the presence of a clearly defined contact in the subsurface between the upper and deeper aquifer as presented in the RI cross sections provided by CDM. The soils appear to Chazen to be a single continuous gradational sequence overlaying the bedrock. The sequence is a gravelly sand that becomes coarser with depth. This information will be used to help develop the conceptual model for the site that we will include in the final report.

Deficiencies and Corrective Actions

The lack of useable DO data from the first quarterly sampling event is a deficiency. Prior to mobilization for the second and subsequent rounds of sampling, two functional water quality meters will be secured and tested to ensure all sensors are working properly and mobilized to the site so that a back-up unit is available for use if needed.

CONCLUSIONS

Based on our field observations and preliminary analysis of the results there appears to be little to no additional value to the continuing the pump and treat system operation. Please elaborate. Furthermore, the lack of detectable concentrations of the breakdown products of the PCE in the groundwater indicate little to no MNA potential.

An additional round of groundwater sampling from the newly installed wells should be performed to confirm the concentration and distribution of residual impacts in the wells. One scheduled round of MNA parameters will also be collected for comparison and evaluation of the MNA potential in accordance with EPA guidance. If the groundwater conditions are similar or have continued to improved, reevaluation of the need for continuing the SSI and the goals of the project may be warranted.

We are preparing to mobilize for the second round of sampling in the last week of February. No changes in the work plan or sampling plan are anticipated.

If you have any questions, concerns, or comments, please direct them to Commissioner Winn and cc me at kmcgrath@chazencompanies.com.

Sincerely,

Kevin P.
McGrath, CPG



Digitally signed by Kevin P.
McGrath, CPG
DN: cn=Kevin P. McGrath, CPG,
o=Chazen, ou,
email=kmcgrath@chazencompanies.com, c=US
Date: 2015.02.13 14:45:41 -05'00'

Kevin P. McGrath, PG, CPG
Senior Scientist

Initials/encl. etc.

cc: Will Olsen, Scientist, Chazen

FIGURES

Map Name: CROTON FALLS
Print Date: 12/09/12
Scale: 1 inch = 4,000 ft.

Map Center: 041° 15' 25.20" N 073° 40' 43.96" W
Horizontal Datum: NAD27

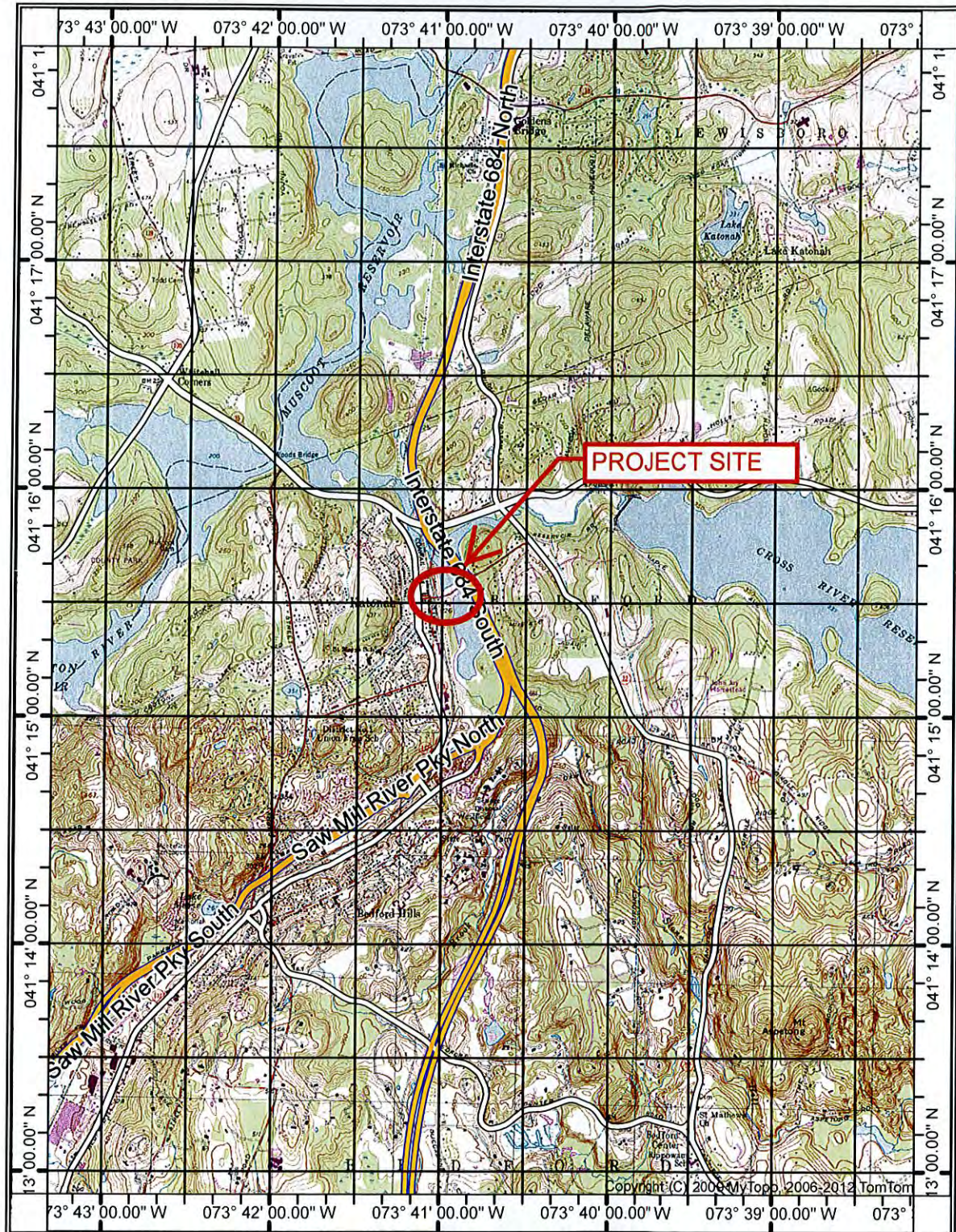
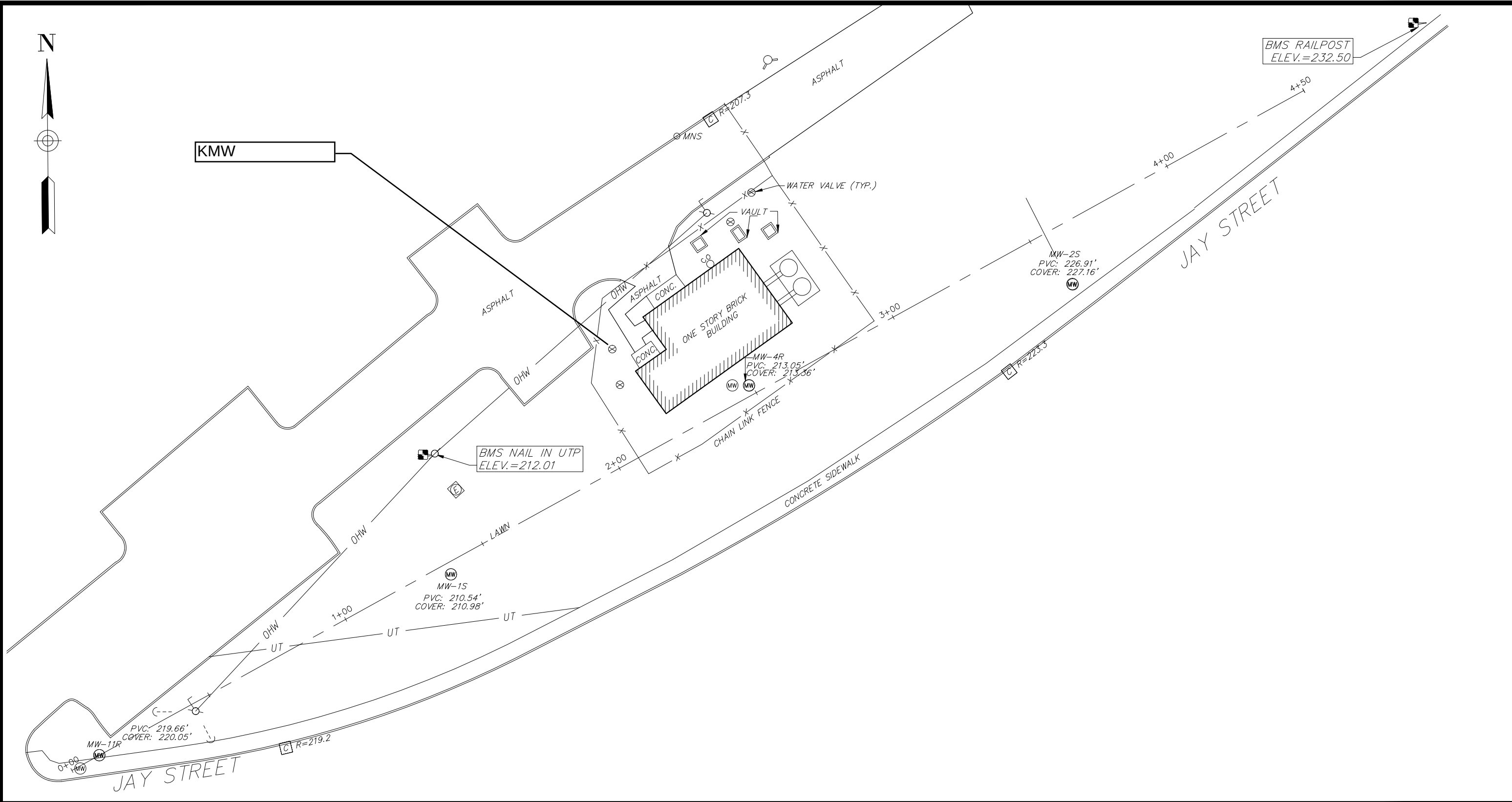


FIGURE 1
PROJECT SITE LOCATION
KATONAH MUNICIPAL WELL
KATONAH, NEW YORK

Drawing Name: X:\4\41400-41499\41433.00 Bedford Katonah Wellfield\DWG\FIG2_41433_00.dwg Date Printed: Feb 13, 2015, 11:35am



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BEDFORD KATONAH WELLFIELDS

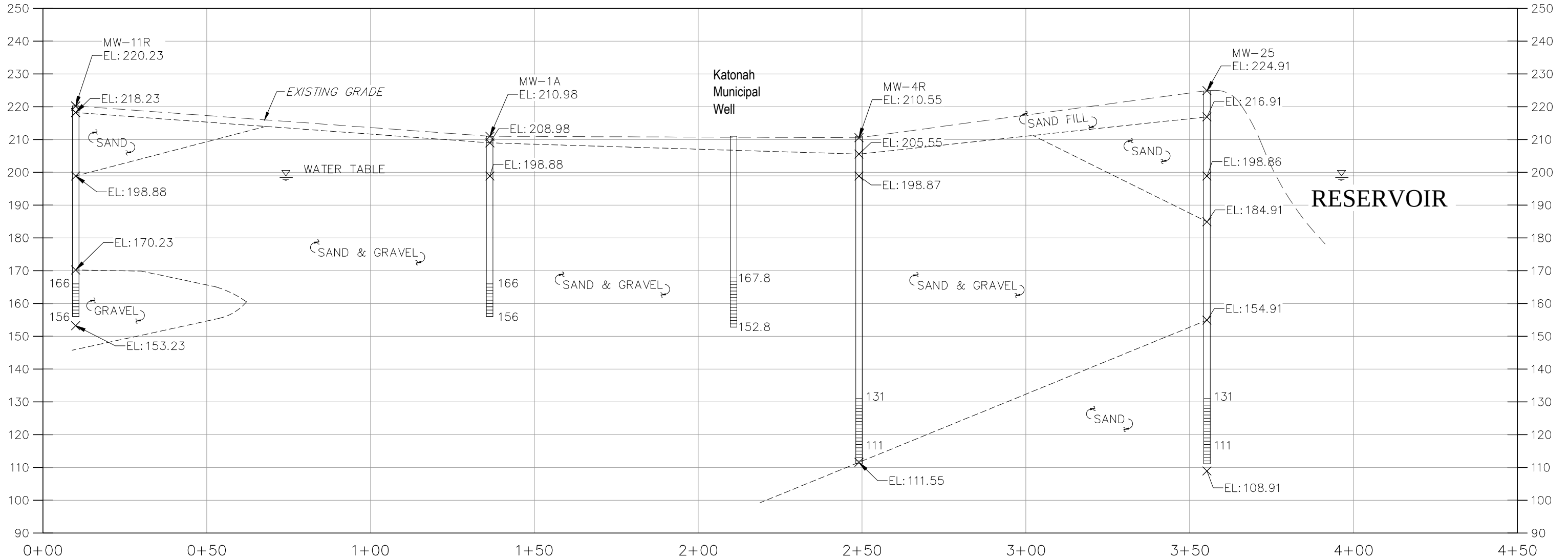
SITE LAYOUT MAP

BEDFORD HILLS, NY 10507

designed CJB	checked
date 2/13/15	scale 1" = 30'
project no. 41433.00	
sheet no.	

FIG 2

Drawing Name: X:\4\41400-41499\41433.00 Bedford Katonah Wellfield\DWG\FIG2_41433_00.dwg Date Printed: Feb 13, 2015, 11:35am



1
FIG 3 GEOLOGIC CROSS SECTION
SCALE: 1"=30'
1"=30'

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BEDFORD KATONAH WELLFIELDS

**GEOLOGIC
CROSS SECTION**

BEDFORD HILLS, NY 10507

designed CJB	checked
date 2/13/15	scale 1" = 30'
project no. 41433.00	
sheet no. FIG3	

TABLES

TABLE 1.						
WELL CONSTRUCTION DETAILS - KATONAH MUNICIPAL WELL SITE						
Well ID	Well Diameter (inches)	Surface Elevation (ft above MSL)	Screened Interval Elevation (ft above MSL)	Total Depth (ft below surface)	Depth to Water Recorded on 12/4/2014 (ft below TOC)	Water Elevation (ft above MSL)
MW-1S	2	210.98	156 - 166	54.98	11.66	198.88
MW-2S	2	224.91	111 - 131	113.91	28.05	198.86
MW-4R	2	210.55	111 - 131	99.55	14.18	198.87
MW-11R	2	220.23	156 - 166	64.23	20.78	198.88

Notes:

MSL = Mean Sea Level

TOC = Top of Casing

Table 2
Soil Sampling Results
Katonah Municipal Well - Supplemental Site Investigation

EPA Target Compound List (TCL) VOCs	Boring ID:	MW-11R			
	Sample ID:	KWF-MW-11R			
	Grab Sample	199-200 ft	184-185 ft	169-170 ft	155-156 ft
	Elevation Interval: Sample Date: Units:	11/5/2014 mg/kg	11/5/20014 mg/kg	11/5/2014 mg/kg	11/5/2014 mg/kg
1,1,1-Trichloroethane		nd	nd	nd	nd
1,1,2,2-Tetrachloroethane		nd	nd	nd	nd
1,1,2-Trichloro-1,2,2-trifluoroethane		nd	nd	nd	nd
1,1,2-Trichloroethane		nd	nd	nd	nd
1,1-Dichloroethane		nd	nd	nd	nd
1,1-Dichloroethylene		nd	nd	nd	nd
1,2,3-Trichlorobenzene		nd	nd	nd	nd
1,2,4-Trichlorobenzene		nd	nd	nd	nd
1,2-Dibromo-3-chloropropane		nd	nd	nd	nd
1,2-Dibromoethane		nd	nd	nd	nd
1,2-Dichlorobenzene		nd	nd	nd	nd
1,2-Dichloroethane		nd	nd	nd	nd
1,2-Dichloropropane		nd	nd	nd	nd
1,3-Dichlorobenzene		nd	nd	nd	nd
1,4-Dichlorobenzene		nd	nd	nd	nd
2-Butanone		nd	nd	nd	nd
2-Hexanone		nd	nd	nd	nd
4-Methyl-2-pentanone		nd	nd	nd	nd
Acetone		nd	nd	nd	nd
Benzene		nd	nd	nd	nd
Bromochloromethane		nd	nd	nd	nd
Bromodichloromethane		nd	nd	nd	nd
Bromoform		nd	nd	nd	nd
Bromomethane		nd	nd	nd	nd
Carbon disulfide		nd	nd	nd	nd
Carbon tetrachloride		nd	nd	nd	nd
Chlorobenzene		nd	nd	nd	nd
Chloroethane		nd	nd	nd	nd
Chloroform		nd	nd	nd	nd
Chloromethane		nd	nd	nd	nd
cis-1,2-Dichloroethylene		nd	nd	nd	nd
cis-1,3-Dichloropropylene		nd	nd	nd	nd
Cyclohexane		nd	nd	nd	nd
Dibromochloromethane		nd	nd	nd	nd
Dichlorodifluoromethane		nd	nd	nd	nd
Ethyl Benzene		nd	nd	nd	nd
Isopropylbenzene		nd	nd	nd	nd
Methyl acetate		nd	nd	nd	nd
Methyl tert-butyl ether (MTBE)		nd	nd	nd	nd
Methylcyclohexane		nd	nd	nd	nd
Methylene chloride		0.0074 J	0.0065 J	0.0070 J	0.0074 J
o-Xylene		nd	nd	nd	nd
p- & m- Xylenes		nd	nd	nd	nd
Styrene		nd	nd	nd	nd
Tetrachloroethylene		nd	nd	nd	nd
Toluene		nd	nd	nd	nd
trans-1,2-Dichloroethylene		nd	nd	nd	nd
trans-1,3-Dichloropropylene		nd	nd	nd	nd
Trichloroethylene		nd	nd	nd	nd
Trichlorofluoromethane		nd	nd	nd	nd
Vinyl Chloride		nd	nd	nd	nd
Notes:					
nd - compound not detected above the laboratory method detection limit.					
E - Estimated value based on calibration verifications.					
J - compound was detected below the reporting limit but equal to or above the method detection limit, therefore the concentration is an estimated value.					
B - compound was detected in analysis batch blank and is interpreted to be a laboratory contaminant. For volatile analyses, acetone and methylene chloride are common laboratory contaminants.					

Table 2
Soil Sampling Results
Katonah Municipal Well - Supplemental Site Investigation

EPA Target Compound List (TCL) VOCs	Boring ID:	MW-1S			
	Sample ID:	KWF-MW-1S			
	Grab Sample	199-200 ft	184-185 ft	169-170 ft	157-158 ft
	Elevation Interval: Sample Date: Units:	11/4/2014 mg/kg	11/4/2014 mg/kg	11/4/2014 mg/kg	11/4/2014 mg/kg
1,1,1-Trichloroethane		nd	nd	nd	nd
1,1,2,2-Tetrachloroethane		nd	nd	nd	nd
1,1,2-Trichloro-1,2,2-trifluoroethane		nd	nd	nd	nd
1,1,2-Trichloroethane		nd	nd	nd	nd
1,1-Dichloroethane		nd	nd	nd	nd
1,1-Dichloroethylene		nd	nd	nd	nd
1,2,3-Trichlorobenzene		nd	nd	nd	nd
1,2,4-Trichlorobenzene		nd	nd	nd	nd
1,2-Dibromo-3-chloropropane		nd	nd	nd	nd
1,2-Dibromoethane		nd	nd	nd	nd
1,2-Dichlorobenzene		nd	nd	nd	nd
1,2-Dichloroethane		nd	nd	nd	nd
1,2-Dichloropropane		nd	nd	nd	nd
1,3-Dichlorobenzene		nd	nd	nd	nd
1,4-Dichlorobenzene		nd	nd	nd	nd
2-Butanone		nd	nd	nd	nd
2-Hexanone		nd	nd	nd	nd
4-Methyl-2-pentanone		nd	nd	nd	nd
Acetone		nd	nd	nd	nd
Benzene		nd	nd	nd	nd
Bromochloromethane		nd	nd	nd	nd
Bromodichloromethane		nd	nd	nd	nd
Bromoform		nd	nd	nd	nd
Bromomethane		nd	nd	nd	nd
Carbon disulfide		nd	nd	nd	nd
Carbon tetrachloride		nd	nd	nd	nd
Chlorobenzene		nd	nd	nd	nd
Chloroethane		nd	nd	nd	nd
Chloroform		nd	nd	nd	nd
Chloromethane		nd	nd	nd	nd
cis-1,2-Dichloroethylene		nd	nd	nd	nd
cis-1,3-Dichloropropylene		nd	nd	nd	nd
Cyclohexane		nd	nd	nd	nd
Dibromochloromethane		nd	nd	nd	nd
Dichlorodifluoromethane		nd	nd	nd	nd
Ethyl Benzene		nd	nd	nd	nd
Isopropylbenzene		nd	nd	nd	nd
Methyl acetate		nd	nd	nd	nd
Methyl tert-butyl ether (MTBE)		nd	nd	nd	nd
Methylcyclohexane		nd	nd	nd	nd
Methylene chloride		nd	nd	nd	0.0061 J
o-Xylene		nd	nd	nd	nd
p- & m- Xylenes		nd	nd	nd	nd
Styrene		nd	nd	nd	nd
Tetrachloroethylene		nd	nd	nd	nd
Toluene		nd	nd	nd	nd
trans-1,2-Dichloroethylene		nd	nd	nd	nd
trans-1,3-Dichloropropylene		nd	nd	nd	nd
Trichloroethylene		nd	nd	nd	nd
Trichlorofluoromethane		nd	nd	nd	nd
Vinyl Chloride		nd	nd	nd	nd
Notes:					
nd - compound not detected above the laboratory method detection limit.					
E - Estimated value based on calibration verifications.					
J - compound was detected below the reporting limit but equal to or above the method detection limit, therefore the concentration is an estimated value.					
B - compound was detected in analysis batch blank and is interpreted to be a laboratory contaminant. For volatile analyses, acetone and methylene chloride are common laboratory contaminants.					

Table 2
Soil Sampling Results
Katonah Municipal Well - Supplemental Site Investigation

EPA Target Compound List (TCL) VOCs	Boring ID:	MW-4R			
	Sample ID:	KWF-MW-4R			
	Grab Sample	199-200 ft	167-177 ft	127-137 ft	111-112 ft
	Elevation Interval: Sample Date: Units:	10/31/2014 mg/kg	10/31/2014 mg/kg	11/3/2014 mg/kg	11/3/2014 mg/kg
1,1,1-Trichloroethane		nd	nd	nd	nd
1,1,2,2-Tetrachloroethane		nd	nd	nd	nd
1,1,2-Trichloro-1,2,2-trifluoroethane		nd	nd	nd	nd
1,1,2-Trichloroethane		nd	nd	nd	nd
1,1-Dichloroethane		nd	nd	nd	nd
1,1-Dichloroethylene		nd	nd	nd	nd
1,2,3-Trichlorobenzene		nd	nd	nd	nd
1,2,4-Trichlorobenzene		nd	nd	nd	nd
1,2-Dibromo-3-chloropropane		nd	nd	nd	nd
1,2-Dibromoethane		nd	nd	nd	nd
1,2-Dichlorobenzene		nd	nd	nd	nd
1,2-Dichloroethane		nd	nd	nd	nd
1,2-Dichloropropane		nd	nd	nd	nd
1,3-Dichlorobenzene		nd	nd	nd	nd
1,4-Dichlorobenzene		nd	nd	nd	nd
2-Butanone		nd	nd	nd	nd
2-Hexanone		nd	nd	nd	nd
4-Methyl-2-pentanone		nd	nd	nd	nd
Acetone		nd	nd	nd	nd
Benzene		nd	nd	nd	nd
Bromochloromethane		nd	nd	nd	nd
Bromodichloromethane		nd	nd	nd	nd
Bromoform		nd	nd	nd	nd
Bromomethane		nd	nd	nd	nd
Carbon disulfide		nd	nd	nd	nd
Carbon tetrachloride		nd	nd	nd	nd
Chlorobenzene		nd	nd	nd	nd
Chloroethane		nd	nd	nd	nd
Chloroform		nd	nd	nd	nd
Chloromethane		nd	nd	nd	nd
cis-1,2-Dichloroethylene		nd	nd	nd	nd
cis-1,3-Dichloropropylene		nd	nd	nd	nd
Cyclohexane		nd	nd	nd	nd
Dibromochloromethane		nd	nd	nd	nd
Dichlorodifluoromethane		nd	nd	nd	nd
Ethyl Benzene		nd	nd	nd	nd
Isopropylbenzene		nd	nd	nd	nd
Methyl acetate		nd	nd	nd	nd
Methyl tert-butyl ether (MTBE)		nd	nd	nd	nd
Methylcyclohexane		nd	nd	nd	nd
Methylene chloride		0.0063 J	0.012 J	0.019 B	0.012 B
o-Xylene		nd	nd	nd	nd
p- & m- Xylenes		nd	nd	nd	nd
Styrene		nd	nd	nd	nd
Tetrachloroethylene		nd	nd	0.0049 J	0.0069
Toluene		nd	nd	nd	nd
trans-1,2-Dichloroethylene		nd	nd	nd	nd
trans-1,3-Dichloropropylene		nd	nd	nd	nd
Trichloroethylene		nd	nd	nd	nd
Trichlorofluoromethane		nd	nd	nd	nd
Vinyl Chloride		nd	nd	nd	nd
Notes:					
nd - compound not detected above the laboratory method detection limit.					
E - Estimated value based on calibration verifications.					
J - compound was detected below the reporting limit but equal to or above the method detection limit, therefore the concentration is an estimated value.					
B - compound was detected in analysis batch blank and is interpreted to be a laboratory contaminant. For volatile analyses, acetone and methylene chloride are common laboratory contaminants.					

Table 2
Soil Sampling Results

Katonah Municipal Well - Supplemental Site Investigation

EPA Target Compound List (TCL) VOCs	Boring ID:	MW-2S			
	Sample ID:	KWF-MW-2S			
	Grab Sample	199-200 ft	170-171 ft	141-142 ft	112-113 ft
	Elevation Interval: Sample Date: Units:	10/28/2014 mg/kg	10/29/2014 mg/kg	10/29/2014 mg/kg	10/30/2014 mg/kg
1,1,1-Trichloroethane		nd	nd	nd	nd
1,1,2,2-Tetrachloroethane		nd	nd	nd	nd
1,1,2-Trichloro-1,2,2-trifluoroethane		nd	nd	nd	nd
1,1,2-Trichloroethane		nd	nd	nd	nd
1,1-Dichloroethane		nd	nd	nd	nd
1,1-Dichloroethylene		nd	nd	nd	nd
1,2,3-Trichlorobenzene		nd	nd	nd	nd
1,2,4-Trichlorobenzene		nd	nd	nd	nd
1,2-Dibromo-3-chloropropane		nd	nd	nd	nd
1,2-Dibromoethane		nd	nd	nd	nd
1,2-Dichlorobenzene		nd	nd	nd	nd
1,2-Dichloroethane		nd	nd	nd	nd
1,2-Dichloropropane		nd	nd	nd	nd
1,3-Dichlorobenzene		nd	nd	nd	nd
1,4-Dichlorobenzene		nd	nd	nd	nd
2-Butanone		0.011	0.0043 J	nd	nd
2-Hexanone		nd	nd	nd	nd
4-Methyl-2-pentanone		nd	nd	nd	nd
Acetone		0.037	0.019	0.006 J	nd
Benzene		nd	nd	nd	nd
Bromochloromethane		nd	nd	nd	nd
Bromodichloromethane		nd	nd	nd	nd
Bromoform		nd	nd	nd	nd
Bromomethane		nd	nd	nd	nd
Carbon disulfide		nd	nd	nd	nd
Carbon tetrachloride		nd	nd	nd	nd
Chlorobenzene		nd	nd	nd	nd
Chloroethane		nd	nd	nd	nd
Chloroform		nd	nd	nd	nd
Chloromethane		nd	nd	nd	nd
cis-1,2-Dichloroethylene		nd	nd	nd	nd
cis-1,3-Dichloropropylene		nd	nd	nd	nd
Cyclohexane		nd	nd	nd	nd
Dibromochloromethane		nd	nd	nd	nd
Dichlorodifluoromethane		nd	nd	nd	nd
Ethyl Benzene		nd	nd	nd	nd
Isopropylbenzene		nd	nd	nd	nd
Methyl acetate		nd	nd	nd	nd
Methyl tert-butyl ether (MTBE)		nd	nd	nd	nd
Methylcyclohexane		nd	nd	nd	nd
Methylene chloride		0.017	0.010 J	0.010 J	0.011 J
o-Xylene		nd	nd	nd	nd
p- & m- Xylenes		nd	nd	nd	nd
Styrene		nd	nd	nd	nd
Tetrachloroethylene		nd	nd	nd	nd
Toluene		nd	nd	nd	nd
trans-1,2-Dichloroethylene		nd	nd	nd	nd
trans-1,3-Dichloropropylene		nd	nd	nd	nd
Trichloroethylene		nd	nd	nd	nd
Trichlorofluoromethane		nd	nd	nd	nd
Vinyl Chloride		nd	nd	nd	nd
Notes:					
nd - compound not detected above the laboratory method detection limit.					
E - Estimated value based on calibration verifications.					
J - compound was detected below the reporting limit but equal to or above the method detection limit, therefore the concentration is an estimated value.					
B - compound was detected in analysis batch blank and is interpreted to be a laboratory contaminant. For volatile analyses, acetone and methylene chloride are common laboratory contaminants.					

Table 3
Groundwater Screening Results
Katonah Municipal Well - Supplemental Site Investigation

EPA Target Compound List (TCL) VOCs	Boring ID: Sample ID: Grab Sample Elevation Interval: Sample Date: Units:	MW-11R				6 NYCRR Part 703.5 Groundwater Standard (ug/L)
		KWF-MW-11R:GW				
		196-200 ft	181-186 ft	166-171 ft	153-158 ft	
		11/5/2014 ug/L	11/5/2014 ug/L	11/5/2014 ug/L	11/5/2014 ug/L	
1,1,1-Trichloroethane		nd	nd	nd	nd	5
1,1,2,2-Tetrachloroethane		nd	nd	nd	nd	5
1,1,2-Trichloro-1,2,2-trifluoroethane		nd	nd	nd	nd	5
1,1,2-Trichloroethane		nd	nd	nd	nd	1
1,1-Dichloroethane		nd	nd	nd	nd	5
1,1-Dichloroethylene		nd	nd	nd	nd	5
1,2,3-Trichlorobenzene		nd	nd	nd	nd	5
1,2,4-Trichlorobenzene		nd	nd	nd	nd	5
1,2-Dibromo-3-chloropropane		nd	nd	nd	nd	0.04
1,2-Dibromoethane		nd	nd	nd	nd	0.0006
1,2-Dichlorobenzene		nd	nd	nd	nd	5
1,2-Dichloroethane		nd	nd	nd	nd	0.6
1,2-Dichloropropane		nd	nd	nd	nd	1
1,3-Dichlorobenzene		nd	nd	nd	nd	5
1,4-Dichlorobenzene		nd	nd	nd	nd	5
2-Butanone		nd	nd	nd	nd	50*
2-Hexanone		nd	nd	nd	nd	50*
4-Methyl-2-pentanone		nd	nd	nd	nd	NS
Acetone		nd	nd	nd	2 E	50*
Benzene		nd	nd	nd	nd	1
Bromochloromethane		nd	nd	nd	nd	5
Bromodichloromethane		nd	2	2.2	2.1	50*
Bromoform		nd	nd	nd	nd	50*
Bromomethane		nd	nd	nd	nd	5
Carbon disulfide		nd	nd	nd	nd	60*
Carbon tetrachloride		nd	nd	nd	nd	5
Chlorobenzene		nd	nd	nd	nd	5
Chloroethane		nd	nd	nd	nd	5
Chloroform		nd	19	21	18	7
Chloromethane		nd	nd	nd	nd	5
cis-1,2-Dichloroethylene		nd	nd	nd	nd	5
cis-1,3-Dichloropropylene		nd	nd	nd	nd	0.4+
Cyclohexane		nd	nd	nd	nd	NS
Dibromochloromethane		nd	nd	nd	nd	50*
Dichlorodifluoromethane		nd	nd	nd	nd	5
Ethyl Benzene		nd	nd	nd	nd	5
Isopropylbenzene		nd	nd	nd	nd	5
Methyl acetate		nd	nd	nd	nd	NS
Methyl tert-butyl ether (MTBE)		nd	nd	nd	nd	10*
Methylcyclohexane		nd	nd	nd	nd	NS
Methylene chloride		nd	nd	nd	nd	5
o-Xylene		nd	nd	nd	nd	5
p- & m- Xylenes		nd	nd	nd	nd	5
Styrene		nd	nd	nd	nd	5
Tetrachloroethylene		0.36 J	0.35 J	nd	nd	5
Toluene		nd	nd	nd	nd	5
trans-1,2-Dichloroethylene		nd	nd	nd	nd	5
trans-1,3-Dichloropropylene		nd	nd	nd	nd	0.4+
Trichloroethylene		nd	nd	nd	nd	5
Trichlorofluoromethane		nd	nd	nd	nd	5
Vinyl Chloride		nd	nd	nd	nd	2
Notes:						
nd - compound not detected above the laboratory method detection limit.						
E - Estimated value based on calibration verifications.						
J - compound was detected below the reporting limit but equal to or above the method detection limit, therefore the concentration is an estimated value.						
B - compound was detected in analysis batch blank and is interpreted to be a laboratory contaminant. For volatile analyses, acetone and methylene chloride are common laboratory contaminants.						
* = Guidance Value						
+ Applies to the sum of trans-1,3-Dichloropropene and cis-1,3-Dichloropropene						

Table 3
Groundwater Screening Results
Katonah Municipal Well - Supplemental Site Investigation

EPA Target Compound List (TCL) VOCs	Boring ID:	MW-1S				6 NYCRR Part 703.5 Groundwater Standard (ug/L)			
	Sample ID:								
	Grab Sample								
	Elevation Interval:	197-200 ft	182-187 ft	167-172 ft	153-158 ft				
Sample Date:	11/4/2014	11/4/2014	11/4/2014	11/4/2014					
Units:	ug/L	ug/L	ug/L	ug/L					
1,1,1-Trichloroethane	nd	nd	nd	nd	5				
1,1,2,2-Tetrachloroethane	nd	nd	nd	nd	5				
1,1,2-Trichloro-1,2,2-trifluoroethane	nd	nd	nd	nd	5				
1,1,2-Trichloroethane	nd	nd	nd	nd	1				
1,1-Dichloroethane	nd	nd	nd	nd	5				
1,1-Dichloroethylene	nd	nd	nd	nd	5				
1,2,3-Trichlorobenzene	nd	nd	nd	nd	5				
1,2,4-Trichlorobenzene	nd	nd	nd	nd	5				
1,2-Dibromo-3-chloropropane	nd	nd	nd	nd	0.04				
1,2-Dibromoethane	nd	nd	nd	nd	0.0006				
1,2-Dichlorobenzene	nd	nd	nd	nd	5				
1,2-Dichloroethane	nd	nd	nd	nd	0.6				
1,2-Dichloropropane	nd	nd	nd	nd	1				
1,3-Dichlorobenzene	nd	nd	nd	nd	5				
1,4-Dichlorobenzene	nd	nd	nd	nd	5				
2-Butanone	nd	nd	nd	0.52	50*				
2-Hexanone	nd	nd	nd	nd	50*				
4-Methyl-2-pentanone	nd	nd	nd	nd	NS				
Acetone	nd	1.2	E,J	nd	50*				
Benzene	nd	nd	nd	nd	1				
Bromochloromethane	nd	nd	nd	nd	5				
Bromodichloromethane	nd	2.4	3.2	3.2	50*				
Bromoform	nd	nd	nd	nd	50*				
Bromomethane	nd	nd	nd	nd	5				
Carbon disulfide	nd	nd	nd	nd	60*				
Carbon tetrachloride	nd	nd	nd	nd	5				
Chlorobenzene	nd	nd	nd	nd	5				
Chloroethane	nd	nd	nd	nd	5				
Chloroform	nd	23	28	29	7				
Chloromethane	nd	nd	nd	nd	5				
cis-1,2-Dichloroethylene	nd	nd	nd	nd	5				
cis-1,3-Dichloropropylene	nd	nd	nd	nd	0.4+				
Cyclohexane	nd	nd	nd	nd	NS				
Dibromochloromethane	nd	nd	nd	nd	50*				
Dichlorodifluoromethane	nd	nd	nd	nd	5				
Ethyl Benzene	nd	nd	nd	nd	5				
Isopropylbenzene	nd	nd	nd	nd	5				
Methyl acetate	nd	nd	nd	nd	NS				
Methyl tert-butyl ether (MTBE)	nd	nd	nd	nd	10*				
Methylcyclohexane	nd	nd	nd	nd	NS				
Methylene chloride	2.2	E,B	3.1	E,B	2.9	E,B	2.8	E,B	5
o-Xylene	nd	nd	nd	nd	nd	5			
p- & m- Xylenes	nd	nd	nd	nd	nd	5			
Styrene	nd	nd	nd	nd	nd	5			
Tetrachloroethylene	0.66	0.25	J	nd	nd	5			
Toluene	nd	nd	nd	nd	nd	5			
trans-1,2-Dichloroethylene	nd	nd	nd	nd	nd	5			
trans-1,3-Dichloropropylene	nd	nd	nd	nd	nd	0.4+			
Trichloroethylene	nd	nd	nd	nd	nd	5			
Trichlorofluoromethane	nd	nd	nd	nd	nd	5			
Vinyl Chloride	nd	nd	nd	nd	nd	2			

Notes:

nd - compound not detected above the laboratory method detection limit.

E - Estimated value based on calibration verifications.

J - compound was detected below the reporting limit but equal to or above the method detection limit, therefore the concentration is an estimated value.

B - compound was detected in analysis batch blank and is interpreted to be a laboratory contaminant. For volatile analyses, acetone and methylene chloride are common laboratory contaminants.

* = Guidance Value

+ Applies to the sum of trans-1,3-Dichloropropene and cis-1,3-Dichloropropene

Table 3
Groundwater Screening Results
Katonah Municipal Well - Supplemental Site Investigation

EPA Target Compound List (TCL) VOCs	Boring ID: Sample ID: Grab Sample Elevation Interval: Sample Date: Units:	MW-4R				6 NYCRR Part 703.5 Groundwater Standard (ug/L)
		KWF-MW-4R:GW				
		199-200 ft	167-172 ft	137-142 ft	110-115 ft	
		ug/L	ug/L	ug/L	ug/L	
1,1,1-Trichloroethane		nd	nd	nd	nd	5
1,1,2,2-Tetrachloroethane		nd	nd	nd	nd	5
1,1,2-Trichloro-1,2,2-trifluoroethane		nd	nd	nd	nd	5
1,1,2-Trichloroethane		nd	nd	nd	nd	1
1,1-Dichloroethane		nd	nd	nd	nd	5
1,1-Dichloroethylene		nd	nd	nd	nd	5
1,2,3-Trichlorobenzene		nd	nd	nd	nd	5
1,2,4-Trichlorobenzene		nd	nd	nd	nd	5
1,2-Dibromo-3-chloropropane		nd	nd	nd	nd	0.04
1,2-Dibromoethane		nd	nd	nd	nd	0.0006
1,2-Dichlorobenzene		nd	nd	nd	nd	5
1,2-Dichloroethane		nd	nd	nd	nd	0.6
1,2-Dichloropropane		nd	nd	nd	nd	1
1,3-Dichlorobenzene		nd	nd	nd	nd	5
1,4-Dichlorobenzene		nd	nd	nd	nd	5
2-Butanone		nd	nd	nd	7.6 E	50*
2-Hexanone		nd	nd	nd	nd	50*
4-Methyl-2-pentanone		nd	nd	nd	nd	NS
Acetone		2.5 E	nd	5.4 J	5.8 J	50*
Benzene		nd	nd	nd	nd	1
Bromochloromethane		nd	nd	nd	nd	5
Bromodichloromethane		nd	1	nd	nd	50*
Bromoform		nd	nd	nd	nd	50*
Bromomethane		nd	nd	nd	nd	5
Carbon disulfide		nd	nd	nd	nd	60*
Carbon tetrachloride		nd	nd	nd	nd	5
Chlorobenzene		nd	nd	nd	nd	5
Chloroethane		nd	nd	nd	nd	5
Chloroform		nd	10	23	29	7
Chloromethane		nd	nd	nd	nd	5
cis-1,2-Dichloroethylene		nd	nd	nd	nd	5
cis-1,3-Dichloropropylene		nd	nd	nd	nd	0.4+
Cyclohexane		nd	nd	nd	nd	NS
Dibromochloromethane		nd	nd	nd	nd	50*
Dichlorodifluoromethane		nd	nd	nd	nd	5
Ethyl Benzene		nd	nd	nd	nd	5
Isopropylbenzene		nd	nd	nd	nd	5
Methyl acetate		nd	nd	nd	nd	NS
Methyl tert-butyl ether (MTBE)		nd	nd	nd	nd	10*
Methylcyclohexane		nd	nd	nd	nd	NS
Methylene chloride		nd	nd	nd	nd	5
o-Xylene		nd	nd	nd	nd	5
p- & m- Xylenes		nd	nd	nd	nd	5
Styrene		nd	nd	nd	nd	5
Tetrachloroethylene		0.64	0.62	nd	nd	5
Toluene		nd	nd	nd	nd	5
trans-1,2-Dichloroethylene		nd	nd	nd	nd	5
trans-1,3-Dichloropropylene		nd	nd	nd	nd	0.4+
Trichloroethylene		nd	nd	nd	nd	5
Trichlorofluoromethane		nd	nd	nd	nd	5
Vinyl Chloride		nd	nd	nd	nd	2
Notes:						
nd - compound not detected above the laboratory method detection limit.						
E - Estimated value based on calibration verifications.						
J - compound was detected below the reporting limit but equal to or above the method detection limit, therefore the concentration is an estimated value.						
B - compound was detected in analysis batch blank and is interpreted to be a laboratory contaminant. For volatile analyses, acetone and methylene chloride are common laboratory contaminants.						
* = Guidance Value						
+ Applies to the sum of trans-1,3-Dichloropropene and cis-1,3-Dichloropropene						

Table 3
Groundwater Screening Results
Katonah Municipal Well - Supplemental Site Investigation

EPA Target Compound List (TCL) VOCs	Boring ID: Sample ID: Grab Sample Elevation Interval: Sample Date: Units:	MW-2S				6 NYCRR Part 703.5 Groundwater Standard (ug/L)
		KWF-MW-2S:GW				
		197-200 ft	166-171 ft	140-145 ft	110-115 ft	
		10/29/2014 ug/L	10/29/2014 ug/L	10/30/2014 ug/L	10/30/2014 ug/L	
1,1,1-Trichloroethane		nd	nd	nd	nd	5
1,1,2,2-Tetrachloroethane		nd	nd	nd	nd	5
1,1,2-Trichloro-1,2,2-trifluoroethane		nd	nd	nd	nd	5
1,1,2-Trichloroethane		nd	nd	nd	nd	1
1,1-Dichloroethane		nd	nd	nd	nd	5
1,1-Dichloroethylene		nd	nd	nd	nd	5
1,2,3-Trichlorobenzene		nd	nd	nd	nd	5
1,2,4-Trichlorobenzene		nd	nd	0.24	J,B	5
1,2-Dibromo-3-chloropropane		nd	nd	nd	nd	0.04
1,2-Dibromoethane		nd	nd	nd	nd	0.0006
1,2-Dichlorobenzene		nd	nd	nd	nd	5
1,2-Dichloroethane		nd	nd	nd	nd	0.6
1,2-Dichloropropane		nd	nd	nd	nd	1
1,3-Dichlorobenzene		nd	nd	nd	nd	5
1,4-Dichlorobenzene		nd	nd	nd	nd	5
2-Butanone		8.1	E	2.4	E	50*
2-Hexanone		nd		nd	nd	50*
4-Methyl-2-pentanone		nd		nd	nd	NS
Acetone		25		4.7	nd	50*
Benzene		0.3	J	nd	nd	1
Bromochloromethane		nd		nd	nd	5
Bromodichloromethane		nd		2.6	2.8	1.7
Bromoform		nd		nd	nd	50*
Bromomethane		nd		nd	nd	5
Carbon disulfide		nd		nd	nd	60*
Carbon tetrachloride		nd		nd	nd	5
Chlorobenzene		nd		nd	nd	5
Chloroethane		nd		nd	nd	5
Chloroform		nd		26	27	16
Chloromethane		nd		nd	nd	5
cis-1,2-Dichloroethylene		nd		nd	nd	5
cis-1,3-Dichloropropylene		nd		nd	nd	0.4+
Cyclohexane		nd		nd	nd	NS
Dibromochloromethane		nd		nd	0.2	J
Dichlorodifluoromethane		nd		nd	nd	5
Ethyl Benzene		nd		nd	nd	5
Isopropylbenzene		nd		nd	nd	5
Methyl acetate		nd		nd	nd	NS
Methyl tert-butyl ether (MTBE)		nd		nd	nd	10*
Methylcyclohexane		nd		nd	nd	NS
Methylene chloride		nd		nd	nd	5
o-Xylene		nd		nd	nd	5
p- & m- Xylenes		nd		nd	nd	5
Styrene		nd		nd	nd	5
Tetrachloroethylene		nd		nd	nd	5
Toluene		nd		0.47	J	5
trans-1,2-Dichloroethylene		nd		nd	nd	5
trans-1,3-Dichloropropylene		nd		nd	nd	0.4+
Trichloroethylene		nd		nd	nd	5
Trichlorofluoromethane		nd		nd	nd	5
Vinyl Chloride		nd		nd	nd	2

Notes:
nd - compound not detected above the laboratory method detection limit.
E - Estimated value based on calibration verifications.
J - compound was detected below the reporting limit but equal to or above the method detection limit, therefore the concentration is an estimated value.
B - compound was detected in analysis batch blank and is interpreted to be a laboratory contaminant. For volatile analyses, acetone and methylene chloride are common laboratory contaminants.
* = Guidance Value
+ Applies to the sum of trans-1,3-Dichloropropene and cis-1,3-Dichloropropene

Table 4
1st Quarter Groundwater Sampling Results
Katonah Municipal Well - Supplemental Site Investigation

EPA Target Compound List (TCL) VOCs	Well ID: Sample ID: Sample Date Units:	MW-2S KWF-MW-2S 12/4/2014 ug/L	MW-4R KWM-MW-2S 12/4/2014 ug/L	MW-1S KWM-MW-1S 12/4/2014 ug/L	MW-11R KWM-MW-11R 12/4/2014 ug/L	Potable Well KWM-PW 12/4/2014 ug/L	6 NYCRR Part 703.5 Groundwater Standard (ug/L)
1,1,1-Trichloroethane		nd	nd	nd	nd	nd	5
1,1,2,2-Tetrachloroethane		nd	nd	nd	nd	nd	5
1,1,2-Trichloro-1,2,2-trifluoroethane		nd	nd	nd	nd	nd	5
1,1,2-Trichloroethane		nd	nd	nd	nd	nd	1
1,1-Dichloroethane		nd	nd	nd	nd	nd	5
1,1-Dichloroethylene		nd	nd	nd	nd	nd	5
1,2,3-Trichlorobenzene		nd	nd	nd	nd	nd	5
1,2,4-Trichlorobenzene		nd	nd	nd	nd	nd	5
1,2-Dibromo-3-chloropropane		nd	nd	nd	nd	nd	0.04
1,2-Dibromoethane		nd	nd	nd	nd	nd	0.0006
1,2-Dichlorobenzene		nd	nd	nd	nd	nd	5
1,2-Dichloroethane		nd	nd	nd	nd	nd	0.6
1,2-Dichloropropane		nd	nd	nd	nd	nd	1
1,3-Dichlorobenzene		nd	nd	nd	nd	nd	5
1,4-Dichlorobenzene		nd	nd	nd	nd	nd	5
2-Butanone		1.4	nd	nd	nd	nd	50*
2-Hexanone		nd	nd	nd	nd	nd	50*
4-Methyl-2-pentanone		nd	nd	nd	nd	nd	NS
Acetone		2.2 B	1.2 J,B	nd	nd	1.5 J,B	50*
Benzene		nd	nd	nd	nd	nd	1
Bromochloromethane		nd	nd	nd	nd	nd	5
Bromodichloromethane		nd	nd	nd	nd	nd	50*
Bromoform		nd	nd	nd	nd	nd	50*
Bromomethane		nd	nd	nd	nd	nd	5
Carbon disulfide		nd	nd	nd	nd	nd	60*
Carbon tetrachloride		nd	nd	nd	nd	nd	5
Chlorobenzene		nd	nd	nd	nd	nd	5
Chloroethane		nd	nd	nd	nd	nd	5
Chloroform		2.1	0.45 J	0.33 J	0.27 J	nd	7
Chloromethane		nd	nd	nd	nd	nd	5
cis-1,2-Dichloroethylene		nd	nd	nd	nd	nd	5
cis-1,3-Dichloropropylene		nd	nd	nd	nd	nd	0.4+
Cyclohexane		nd	nd	nd	nd	nd	NS
Dibromochloromethane		nd	nd	nd	nd	nd	50*
Dichlorodifluoromethane		nd	nd	nd	nd	nd	5
Ethyl Benzene		nd	nd	nd	nd	nd	5
Isopropylbenzene		nd	nd	nd	nd	nd	5
Methyl acetate		nd	nd	nd	nd	nd	NS
Methyl tert-butyl ether (MTBE)		nd	nd	nd	nd	nd	10*
Methylcyclohexane		nd	nd	nd	nd	nd	NS
Methylene chloride		2.1	nd	nd	nd	nd	5
o-Xylene		nd	nd	nd	nd	nd	5
p- & m- Xylenes		nd	nd	nd	nd	nd	5
Styrene		nd	nd	nd	nd	nd	5
Tetrachloroethylene		nd	9.3	0.55	0.53	4.4	5
Toluene		nd	nd	nd	nd	nd	5
trans-1,2-Dichloroethylene		nd	nd	nd	nd	nd	5
trans-1,3-Dichloropropylene		nd	nd	nd	nd	nd	0.4+
Trichloroethylene		nd	0.24 J	0.27 J	nd	nd	5
Trichlorofluoromethane		nd	nd	nd	nd	nd	5
Vinyl Chloride		nd	nd	nd	nd	nd	2

Notes:

nd - compound not detected above the laboratory method detection limit.

J - compound was detected below the reporting limit but equal to or above the method detection limit, therefore the concentration is an estimated value.

B - compound was detected in analysis batch blank and is interpreted to be a laboratory contaminant. For volatile analyses, acetone and methylene chloride are common laboratory contaminants.

* = Guidance Value

+ Applies to the sum of trans-1,3-Dichloropropene and cis-1,3-Dichloropropene

ATTACHMENT A

BORING and WELL CONSTRUCTION LOGS

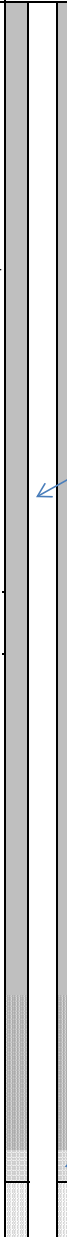
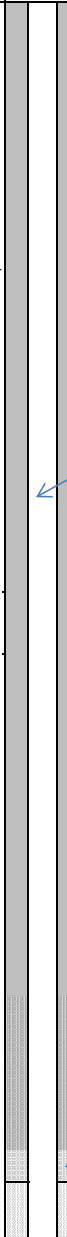
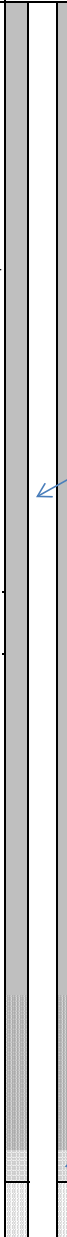
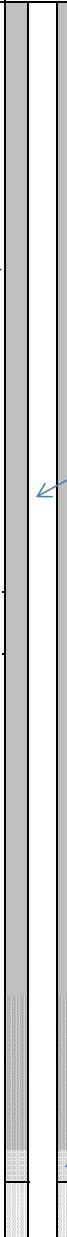
THE Chazen COMPANIES		21 Fox Street Poughkeepsie, NY 12601 Phn: (845) 454-3980 Fax: (845) 454-4026		PROJECT: Katonah Municipal Well LOCATION: Jay Street, Village of Katonah, Town of Bedford, NY CLIENT: Town of Bedford PROJECT NO.: 41433.00				Test Boring/Well No.:		MW-11R	
		Contractor: Cascade Drilling Drill Rig: Boart Longyear - 100C Driller: Kevin Smith Geologist: William Olsen		Start Date: November 5, 2014 Finish Date: November 6, 2014 El. Datum: NAVD88 G.S. Elevation: 220.23		Northing: 884622.1400 Easting: 716763.8631 Longitude: na Latitude: na		Sheet 1 of 2			
								Total Depth: 68 ft.			
		Borehole Dia.: 6 in.		Rock Depth: >68 ft.		Water Depth: 21.5 ft.		Well Depth: 66 ft.			

		21 Fox Street Poughkeepsie, NY 12601 Phn: (845) 454-3980 Fax: (845) 454-4026		PROJECT: Katonah Municipal Well Field LOCATION: Jay Street, Village of Katonah, Town of Bedford, NY CLIENT: Town of Bedford PROJECT NO.: 41433.00				Test Boring/Well No.:	MW-11R		
		Contractor: Cascade Drilling Drill Rig: Boart Longyear - 100C Driller: Kevin Smith Geologist: William Olsen		Start Date: November 5, 2014 Finish Date: November 6, 2014 El. Datum: NAVD88 G.S. Elevation: 220.23	Northing: 884622.1400 Easting: 716763.8631 Longitude: na Latitude: na	Sheet 2 of 2 Total Depth: 68 ft.					
		Borehole Dia.: 6 in. Rock Depth: >68 ft. Water Depth: 21.5 ft. Well Depth: 66 ft.									
Depth (ft)	Approx. Elevation (ft)	Casing Blows	Sample No.	Blow Counts	Recovery (%)	PID reading (ppm)	Soil Type	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:	
42	178		7		77			SAND and GRAVEL (40-43 ft)		m Sand grading to f-c Gravel, brown, wet m Sand, brown, uniform, wet mostly f-c Gravel, some f-c sand, trace silt and cobbles, brown, wet	
44	176							SAND (43-47 ft)			
46	174							SAND and GRAVEL (47-50 ft)			
48	172										
50	170		8		53			GRAVEL (50-67 ft)		mostly f-c Gravel, few cobbles, little sand and silt, dark brown, moderately washed, wet, some decomposed mica-rich cobbles	
52	168										
54	166										
56	164										
58	162		9					GRAVEL (50-67 ft)		mostly f-c Gravel, few cobbles, little sand and silt, dark brown, moderately washed, wet, some decomposed mica-rich cobbles	
60	160										
62	158										
64	156										
66	154		10		89	0		S&G with fines		Sand and Gravel with fines, till-like, wet End of Boring at 68 feet bgs	
68	152										
70	150										
72	148										
74	146										
76	144										
78	142										
80	140										
METHODS: HSA- Hollow Stem Auger, RWH- Rotary Wash, SSA- Solid Stem Auger, CPT- Cone Penetrometer SAMPLE TYPES: AS-Auger, WS-Wash, SS-Split Spoon, RC-Rock Core, GS-Grab, ST-Shelby Tube, PS-Piston STANDARD: 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted. NOTES:									DRILLING INFORMATION Method: Sonic Method:		
ADDITIONAL 1. NOTES: 2. 3.									Casing Sample Core Type: Steel Steel Diam.: 6" 4" Weight: Fall:		

		21 Fox Street Poughkeepsie, NY 12601 Phn: (845) 454-3980 Fax: (845) 454-4026		PROJECT: Katonah Municipal Well LOCATION: Jay Street, Village of Katonah, Town of Bedford, NY CLIENT: Town of Bedford PROJECT NO.: 41433.00				Test Boring/Well No.: MW-1S																		
						Sheet 1 of 2		Total Depth: 59 ft.																		
		Contractor: Cascade Drilling Drill Rig: Boart Longyear - 100C Driller: Kevin Smith Geologist: William Olsen		Start Date: November 4, 2014 Finish Date: November 6, 2014 El. Datum: NAVD88 G.S. Elevation: 210.98		Northing: 884679.9436 Easting: 716876.3597 Longitude: na Latitude: na		Borehole Dia.: 6 in. Rock Depth: >59 ft. Water Depth: 12 ft. Well Depth: 57 ft.																		
Depth (ft)	Approx. Elevation (ft)	Casing Blows	Sample No.	Blow Counts	Recovery (%)	PID reading (ppm)	Soil Type	Stratum and Field Descriptions:		Well Diagram	Field Notes, Well Notes, Comments:															
2	209		1		67	0.0		SOIL (0-2 ft)	silty sand with cobbles, dark brown, dry		Well finished with metal flush mount															
							0.0																			
4	207						0.0																			
6	205		2		87	0.0					Tremie-grouted Portand/bentonite seal															
8	203						0.0																			
10	201						0.0																			
12	199		3		77	0.0																				
14	197						0.0																			
16	195						0.0																			
18	193		4		67			SAND and GRAVEL (2-59 ft)	mostly m-c Sand and f-c Gravel, little to few cobbles, brown, wet below 12 feet,		2-inch diameter solid PVC riser															
20	191						0.0																			
22	189						0.0																			
24	187		5		100																					
26	185						0.0																			
28	183						0.0																			
30	181		6		95						3/8 inch bentonite chips															
32	179						0.0																			
34	177						0.0																			
36	175																									
38	173					0.0																				
40	171																									
									Gravel with fines (Till-like), cohesive, dense, few cobbles																	
METHODS: HSA- Hollow Stem Auger, RWH- Rotary Wash, SSA- Solid Stem Auger, CPT- Cone Penetrometer SAMPLE TYPES: AS-Auger, WS-Wash, SS-Split Spoon, RC-Rock Core, GS-Grab, ST-Shelby Tube, PS-Piston STANDARD: 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted. NOTES:										DRILLING INFORMATION Method: Sonic Method:																
ADDITIONAL NOTES:										<table border="1"> <tr> <th></th> <th>Casing</th> <th>Sample Core</th> </tr> <tr> <td>Type:</td> <td>Steel</td> <td>Steel</td> </tr> <tr> <td>Diam.:</td> <td>6"</td> <td>4"</td> </tr> <tr> <td>Weight:</td> <td></td> <td></td> </tr> <tr> <td>Fall:</td> <td></td> <td></td> </tr> </table>			Casing	Sample Core	Type:	Steel	Steel	Diam.:	6"	4"	Weight:			Fall:		
											Casing	Sample Core														
										Type:	Steel	Steel														
										Diam.:	6"	4"														
Weight:																										
Fall:																										

THE Chazen COMPANIES		21 Fox Street		Poughkeepsie, NY 12601		PROJECT: Katonah Municipal Well Field				Test Boring/Well No.:		MW-1S	
		Phn: (845) 454-3980		Fax: (845) 454-4026		LOCATION: Jay Street, Village of Katonah, Town of Bedford, NY				Sheet		2 of 2	
						CLIENT: Town of Bedford				Total Depth:		59 ft.	
Contractor: Cascade Drilling						Start Date: November 4, 2014		Northing: 884679.9436		Borehole Dia.: 6 in.			
Drill Rig: Boart Longyear - 100C						Finish Date: November 6, 2014		Easting: 716876.3597		Rock Depth: >59 ft.			
Driller: Kevin Smith						El. Datum: NAVD88		Longitude: na		Water Depth: 12 ft.			
Geologist: William Olsen						G.S. Elevation: 210.98		Latitude: na		Well Depth: 57 ft.			
Depth (Ft) Approx. Elevation (Ft) Casing Blows Sample No. Blow Counts Recovery(%) PID reading (ppm) Soil Type						Stratum and Field Descriptions:				Well Diagram		Field Notes, Well Notes, Comments:	
42 169 7 73 0.0 44 167 0.0 46 165 8 72 0.0 48 163 0.0 50 161 52 159 54 157 0.0 56 155 9 8 58 153 0.0 60 151 62 149 64 147 66 145 68 143 70 141 72 139 74 137 76 135 78 133 80 131						SAND and GRAVEL (2-59 ft)				mostly f-c Sand and f-c Gravel, little to few cobbles, few to trace fines, reddish-brown to brown, moderately washed, wet		3/8-inch bentonite chips #0 sand pack 2-inch diameter 20-slot PVC well screen (156-166 feet NAVD88) #2 sand pack	
						End of boring at 59 feet bgs							
METHODS: HSA- Hollow Stem Auger, RWH- Rotary Wash, SSA- Solid Stem Auger, CPT- Cone Penetrometer						DRILLING INFORMATION							
SAMPLE TYPES: AS-Auger, WS-Wash, SS-Split Spoon, RC-Rock Core, GS-Grab, ST-Shelby Tube, PS-Piston						Method: Sonic							
STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.						Method:							
NOTES:													
ADDITIONAL						Casing				Sample Core			
NOTES:						Type: Steel				Steel			
						Diam.: 6"				4"			
						Weight:							
						Fall:							

		21 Fox Street Poughkeepsie, NY 12601 Phn: (845) 454-3980 Fax: (845) 454-4026		PROJECT: Katonah Municipal Well LOCATION: Jay Street, Village of Katonah, Town of Bedford, NY CLIENT: Town of Bedford PROJECT NO.: 41433.00				Test Boring/Well No.: Sheet 1 of 3 Total Depth: 102 ft.		
		Contractor: Cascade Drilling Drill Rig: Boart Longyear - 100C Driller: Kevin Smith Geologist: William Olsen		Start Date: October 28, 2014 Finish Date: October 31, 2014 El. Datum: NAVD88 G.S. Elevation: 210.55		Northing: 884740.4645 Easting: 716971.6959 Longitude: na Latitude: na		Borehole Dia.: 6 in. Rock Depth: >102 ft. Water Depth: 12 ft. Well Depth: 100 ft.		
Depth (ft)	Approx. Elevation (ft)	Casing Blows	Sample No.	Blow Counts	Recovery (%)	PID reading (ppm)	Soil Type	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
2	209		1		77	0.0		sandy FILL (0-5 ft)		Well finished with 2.5-foot stick-up and locking guard pipe <i>Top of PVC Casing Elv = 213.05 ft</i> Tremie-grouted Portand/bentonite seal 2-inch diameter solid PVC riser
4	207					0.0				
6	205					0.0				
8	203		2		77	0.0		SAND, SILT, and GRAVEL (5-13 ft)		
10	201					0.0				
12	199					0.0				
14	197		3		63	0.0				
16	195					0.0				
18	193					0.0				
20	191		4		72			mostly f-c Sand and f-c Gravel, little silt, brown to dark brown, rust discoloration at water table, wet Sand layer: mostly m-c Sand, some silt and clay, brown, wet		
22	189					0.0				
24	187					0.0				
26	185		5		90			SAND and GRAVEL (13-99 ft)		
28	183					0.0				
30	181					0.0				
32	179		6							
34	177					0.0				
36	175					13				
38	173									
40	171					0.0				
METHODS: HSA- Hollow Stem Auger, RWH- Rotary Wash, SSA- Solid Stem Auger, CPT- Cone Penetrometer SAMPLE TYPES: AS-Auger, WS-Wash, SS-Split Spoon, RC-Rock Core, GS-Grab, ST-Shelby Tube, PS-Piston STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted. NOTES:									DRILLING INFORMATION Method: Sonic Method:	
ADDITIONAL 1. NOTES: 2. 3.									Method:	
									Casing Sample Core	
									Type:	Steel Steel
									Diam.:	6" 4"
									Weight:	
									Fall:	

		21 Fox Street Poughkeepsie, NY 12601 Phn: (845) 454-3980 Fax: (845) 454-4026		PROJECT: Katonah Municipal Well Field LOCATION: Jay Street, Village of Katonah, Town of Bedford, NY CLIENT: Town of Bedford PROJECT NO.: 41433.00				Test Boring/Well No.: Sheet		MW-4R 2 of 3																				
		Contractor: Cascade Drilling Drill Rig: Boart Longyear - 100C Driller: Kevin Smith Geologist: William Olsen		Start Date: October 28, 2014 Finish Date: October 31, 2014 El. Datum: NAVD88 G.S. Elevation: 210.55		Northing: 884740.4645 Easting: 716971.6959 Longitude: na Latitude: na		Borehole Dia.: 6 in. Rock Depth: >102 ft. Water Depth: 12 ft. Well Depth: 100 ft.		Total Depth: 102 ft.																				
Depth (ft)	Approx. Elevation (ft)	Casing Blows	Sample No.	Blow Counts	Recovery (%)	PID reading (ppm)	Soil Type	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:																				
42	169		6		13	0.0		mostly m-c Sand and f-c gravel, few cobbles, mostly m-c Sand and f-c Gravel, few cobbles, trace f sand and silt, brown, abundant mica, moderately washed, wet		Tremie-grouted Portand/bentonite seal 2-inch diameter solid PVC riser Poor recoveries likely due to cobbles >4 inches																				
44	167					0.0																								
46	165				57																									
48	163																													
50	161		7			0.0																								
52	159																													
54	157					0.0																								
56	155				17																									
58	153		8									SAND and GRAVEL (13-99ft) Till-like layer: mostly m-c Sand and f Gravel, f sand to clay matrix support, grey, well		Poor recoveries likely due to cobbles >4 inches																
60	151					0.0																								
62	149																													
64	147					0.0																								
66	145		9		0			No recovery 65-75 feet, probable cobble stuck in core barrel tip		Poor recoveries likely due to cobbles >4 inches																				
68	143																													
70	141					0.0																								
72	139																													
74	137		10			0.0										mostly m-c Sand and f-c Gravel, few cobbles,		3/8-inch bentonite chips #0 sand pack #2 sand pack												
76	135				33																									
78	133																													
80	131					0.0																								
METHODS: HSA- Hollow Stem Auger, RWH- Rotary Wash, SSA- Solid Stem Auger, CPT- Cone Penetrometer SAMPLE TYPES: AS-Auger, WS-Wash, SS-Split Spoon, RC-Rock Core, GS-Grab, ST-Shelby Tube, PS-Piston STANDARD: 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted. NOTES:												DRILLING INFORMATION Method: Sonic Method:																		
ADDITIONAL NOTES:												<table border="1"> <tr> <td></td> <td>Casing</td> <td>Sample Core</td> </tr> <tr> <td>Type:</td> <td>Steel</td> <td>Steel</td> </tr> <tr> <td>Diam.:</td> <td>6"</td> <td>4"</td> </tr> <tr> <td>Weight:</td> <td></td> <td></td> </tr> <tr> <td>Fall:</td> <td></td> <td></td> </tr> </table>								Casing	Sample Core	Type:	Steel	Steel	Diam.:	6"	4"	Weight:		
	Casing	Sample Core																												
Type:	Steel	Steel																												
Diam.:	6"	4"																												
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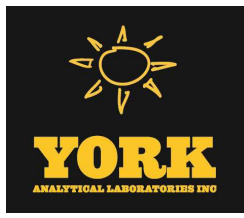
		21 Fox Street Poughkeepsie, NY 12601 Phn: (845) 454-3980 Fax: (845) 454-4026		PROJECT: Katonah Municipal Well Field LOCATION: Jay Street, Village of Katonah, Town of Bedford, NY CLIENT: Town of Bedford PROJECT NO.: 41433.00				Test Boring/Well No.: Sheet 3 of 3 Total Depth: 102 ft.																	
		Contractor: Cascade Drilling Drill Rig: Boart Longyear - 100C Driller: Kevin Smith Geologist: William Olsen		Start Date: October 28, 2014 Finish Date: October 31, 2014 El. Datum: NAVD88 G.S. Elevation: 210.55		Northing: 884740.4645 Easting: 716971.6959 Longitude: na Latitude: na		Borehole Dia.: 6 in. Rock Depth: >102 ft. Water Depth: 12 ft. Well Depth: 100 ft.																	
Depth (ft)	Approx. Elevation (ft)	Casing Blows	Sample No.	Blow Counts	Recovery (%)	PID reading (ppm)	Soil Type	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:															
82	129		10		33			SAND and GRAVEL (13-99 ft) mostly m-c Sand, some gravel, trace cobbles, grey, wet		Poor sample recoveries likely due to cobbles >4 inches #2 sand pack 2-inch diameter 20-slot PVC well screen (approx. 131-111 feet NAVD88)															
84	127					0.0																			
86	125					15																			
88	123		11								SAND (99-102 ft) f Sand, grey, moderately dense, wet		Poor sample recoveries likely due to cobbles >4 inches #2 sand pack 2-inch diameter 20-slot PVC well screen (approx. 131-111 feet NAVD88)												
90	121					0.0																			
92	119																								
94	117		12											End of Boring at 102 feet bgs		Poor sample recoveries likely due to cobbles >4 inches #2 sand pack 2-inch diameter 20-slot PVC well screen (approx. 131-111 feet NAVD88)									
96	115					62	0.0																		
98	113					0.0																			
100	111																End of Boring at 102 feet bgs		Poor sample recoveries likely due to cobbles >4 inches #2 sand pack 2-inch diameter 20-slot PVC well screen (approx. 131-111 feet NAVD88)						
102	109				0.0																				
104	107																								
106	105																								
108	103																								
110	101																								
112	99																								
114	97																								
116	95																								
118	93																								
120	91																								
METHODS: HSA- Hollow Stem Auger, RWH- Rotary Wash, SSA- Solid Stem Auger, CPT- Cone Penetrometer SAMPLE TYPES: AS-Auger, WS-Wash, SS-Split Spoon, RC-Rock Core, GS-Grab, ST-Shelby Tube, PS-Piston STANDARD: 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted. NOTES:									DRILLING INFORMATION Method: Sonic Method:																
ADDITIONAL 1. NOTES: 2. 3.									<table border="1"> <tr> <td></td> <td>Casing</td> <td>Sample Core</td> </tr> <tr> <td>Type:</td> <td>Steel</td> <td>Steel</td> </tr> <tr> <td>Diam.:</td> <td>6"</td> <td>4"</td> </tr> <tr> <td>Weight:</td> <td></td> <td></td> </tr> <tr> <td>Fall:</td> <td></td> <td></td> </tr> </table>			Casing	Sample Core	Type:	Steel	Steel	Diam.:	6"	4"	Weight:			Fall:		
	Casing	Sample Core																							
Type:	Steel	Steel																							
Diam.:	6"	4"																							
Weight:																									
Fall:																									

		21 Fox Street Poughkeepsie, NY 12601 Phn: (845) 454-3980 Fax: (845) 454-4026		PROJECT: Katonah Municipal Well LOCATION: Jay Street, Village of Katonah, Town of Bedford, NY CLIENT: Town of Bedford PROJECT NO.: 41433.00				Test Boring/Well No.: Sheet		MW-2S 1 of 3	
								Total Depth: 116 ft.			
										Borehole Dia.: 6 in. Rock Depth: >116 ft. Water Depth: 26 ft. Well Depth: 113.5 ft.	
Contractor: Cascade Drilling Drill Rig: Boart Longyear - 100C Driller: Kevin Smith Geologist: William Olsen				Start Date: October 28, 2014 Finish Date: October 31, 2014 El. Datum: NAVD88 G.S. Elevation: 224.91		Northing: 884772.8421 Easting: 717075.1057 Longitude: na Latitude: na					
Depth (ft)	Approx. Elevation (ft)	Casing Blows	Sample No.	Blow Counts	Recovery (%)	PID reading (ppm)	Soil Type	Stratum and Field Descriptions:		Well Diagram	Field Notes, Well Notes, Comments:
2	223		1		80	0.0		sandy FILL (0-8 ft)	mostly f-m Sand, some c sand, little f-c gravel, trace cobbles, brown, loose, dry, piece of white glass		Well finished with 2-foot stick-up and locking guard pipe Top of PVC Casing Elv = 226.91 ft Tremie-grouted Portand/bentonite seal
4	221					0.0					
6	219					0.0					
8	217		2		70	0.0					
10	215					0.0					
12	213					0.0					
14	211		3		80	0.0		SAND (8-40 ft)	mostly f-c Sand, few f-c gravel, few to trace cobbles, brown, dry to 25 feet		2-inch diameter solid PVC riser
16	209					0.0					
18	207					0.0					
20	205		4		100	0.0					
22	203					0.0					
24	201					0.0					
26	199		5		90	0.0			silty f Sand, grey, dense, wet		
28	197					0.0					
30	195					0.0					
32	193		6		95	0.0			mostly f-c Sand, little gravel and cobbles, brown, dry to 25 feet		
34	191					0.0					
36	189					0.0					
38	187					0.0			silty f Sand, dark brown, abundant plant matter, slight organic odor, wet		
40	185										
METHODS: HSA- Hollow Stem Auger, RWH- Rotary Wash, SSA- Solid Stem Auger, CPT- Cone Penetrometer SAMPLE TYPES: AS-Auger, WS-Wash, SS-Split Spoon, RC-Rock Core, GS-Grab, ST-Shelby Tube, PS-Piston STANDARD: 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted. NOTES:								DRILLING INFORMATION Method: Sonic Method:			
ADDITIONAL NOTES:								Casing		Sample Core	
								Type: Steel		Steel	
								Diam.: 6"		4"	
								Weight:			
								Fall:			

THE Chazen COMPANIES		21 Fox Street Poughkeepsie, NY 12601 Phn: (845) 454-3980 Fax: (845) 454-4026		PROJECT: Katonah Municipal Well Field LOCATION: Jay Street, Village of Katonah, Town of Bedford, NY CLIENT: Town of Bedford PROJECT NO.: 41433.00				Test Boring/Well No.:		MW-2S				
								Sheet		2 of 3				
								Total Depth:		116 ft.				
Contractor: Cascade Drilling Drill Rig: Boart Longyear - 100C Driller: Kevin Smith Geologist: William Olsen				Start Date: October 28, 2014 Finish Date: October 31, 2014 El. Datum: NAVD88 G.S. Elevation: 224.40		Northing: 884772.8421 Easting: 717075.1057 Longitude: na Latitude: na		Borehole Dia.: 6 in. Rock Depth: >116 ft. Water Depth: 26 ft. Well Depth: 113.5 ft.						
Depth (Ft)	Approx. Elevation (Ft)	Casing Blows	Sample No.	Blow Counts	Recovery(%)	PID reading (ppm)	Soil Type	Stratum and Field Descriptions:		Well Diagram	Field Notes, Well Notes, Comments:			
42	183		7		92			SAND and GRAVEL (40-59.5 ft)	f-c Sand and f-c Gravel, few cobbles, grey, wet		Tremie-grouted Portand/bentonite seal 2-inch diameter solid PVC riser			
						0.0								
44	181													
46	179													
48	177		8			0.0		SAND and GRAVEL (40-59.5 ft)	f-c Sand and f-c Gravel, few cobbles, grey, wet					
50	175				96									
52	173					0.0								
54	171													
56	169		9					SAND (59.5-61 ft)	f-m Sand, grey, wet					
58	167					0.0								
60	165				90									
62	163					0.0								
64	161		10					SAND and GRAVEL (61-70 ft)	f-c Sand and f-c Gravel, few cobbles up to 4 inches, grey, rust discoloration at 68 ft from decomposed mica-rich rock, wet					
66	159						0.0							
68	157													
70	155				64									
72	153					0.0		SAND (70-116 ft)	mostly m Sand, little c sand, trace f-c gravel and cobbles, wet					
74	151													
76	149													
78	147					0.0								
80	145													
METHODS: HSA - Hollow Stem Auger, RWH - Rotary Wash, SSA - Solid Stem Auger, CPT - Cone Penetrometer												DRILLING INFORMATION		
SAMPLE TYPES: AS -Auger, WS -Wash, SS -Split Spoon, RC -Rock Core, GS -Grab, ST -Shelby Tube, PS -Piston												Method: Sonic		
STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.												Method:		
NOTES:														
ADDITIONAL 1. NOTES: 2. 3.										Casing		Sample Core		
										Type:		Steel	Steel	
										Diam.:		6"	4"	
										Weight:				
										Fall:				

THE Chazen COMPANIES		21 Fox Street Poughkeepsie, NY 12601 Phn: (845) 454-3980 Fax: (845) 454-4026		PROJECT: Katonah Municipal Well Field LOCATION: Jay Street, Village of Katonah, Town of Bedford, NY CLIENT: Town of Bedford PROJECT NO.: 41433.00				Test Boring/Well No.:		MW-2S			
								Sheet		3 of 3			
								Total Depth:		116 ft.			
Contractor: Cascade Drilling Drill Rig: Boart Longyear - 100C Driller: Kevin Smith Geologist: William Olsen				Start Date: October 28, 2014 Finish Date: October 31, 2014 El. Datum: NAVD88 G.S. Elevation: 224.40		Northing: 884772.8421 Easting: 717075.1057 Longitude: na Latitude: na		Borehole Dia.: 6 in. Rock Depth: >116 ft. Water Depth: 26 ft. Well Depth: 113.5 ft.					
Depth (Ft)	Approx. Elevation (Ft)	Casing Blows	Sample No.	Blow Counts	Recovery(%)	PID reading (ppm)	Soil Type	Stratum and Field Descriptions:		Well Diagram	Field Notes, Well Notes, Comments:		
82	143		11		70			SAND (70-116 ft)	m Sand changing to vf-f Sand, grey, very uniform layers, wet		Tremie-grouted Portland/bentonite seal 3/8-inch bentonite chips #0 sand pack 2-inch diameter 20-slot PVC well screen (111.5-131.5 feet NAVD88) #2 sand pack		
84	141					0.0			same as above, grading to m Sand, brown, wet				
86	139												
88	137					0.0							
90	135		12		87				f-m SAND, very uniform, grey, wet				
92	133					0.0							
94	131												
96	129												
98	127		13			0.0							
100	125				94				mostly f Sand, some silt, interbedded seams of m Sand, grey changing to greyish-brown, wet				
102	123					0.0							
104	121												
106	119		14			0.0							
108	117												
110	115				56				mostly f Sand, some silt, seams of m Sand, wet				
112	113					0.0							
114	111												
116	109							End of boring at 116 ft bgs					
118	107												
120	105												
METHODS: HSA- Hollow Stem Auger, RWH- Rotary Wash, SSA- Solid Stem Auger, CPT- Cone Penetrometer										DRILLING INFORMATION			
SAMPLE TYPES: AS-Auger, WS-Wash, SS-Split Spoon, RC-Rock Core, GS-Grab, ST-Shelby Tube, PS-Piston										Method: Sonic			
STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.										Method:			
NOTES:													
ADDITIONAL NOTES: 1. 2. 3.										Casing		Sample Core	
										Type:	Steel	Steel	
										Diam.:	6"	4"	
										Weight:			
										Fall:			

ATTACHMENT B
LABORATORY REPORTS



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Will Olsen

Report Date: 11/11/2014

Client Project ID: 41433.00 Task 0200 Katonah

York Project (SDG) No.: 14K0001

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/11/2014
Client Project ID: 41433.00 Task 0200 Katonah
York Project (SDG) No.: 14K0001

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 31, 2014 and listed below. The project was identified as your project: **41433.00 Task 0200 Katonah**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0001-01	KWF-MW2S:GW(140-145')	Water	10/30/2014	10/31/2014
14K0001-02	KWF-MW2S:(112-113')	Soil	10/30/2014	10/31/2014
14K0001-03	KWF-MW2S:GW(110-115')	Water	10/30/2014	10/31/2014
14K0001-04	KWF-MW4R:(199-200')	Soil	10/31/2014	10/31/2014
14K0001-05	KWF-MW4R:GW(199-200')	Water	10/31/2014	10/31/2014
14K0001-06	KWF-MW4R:(167-177')	Soil	10/31/2014	10/31/2014
14K0001-07	KWF-MW4R:GW(167-172')	Water	10/31/2014	10/31/2014
14K0001-08	Trip Blank	Water	10/31/2014	10/31/2014

General Notes for York Project (SDG) No.: 14K0001

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

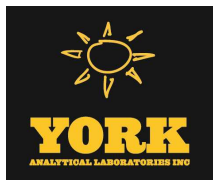
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/11/2014





Sample Information

Client Sample ID: KWF-MW2S:GW(140-145')

York Sample ID: 14K0001-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 30, 2014 8:40 am

10/31/2014

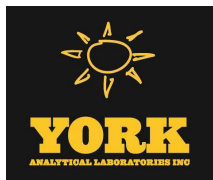
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
120-82-1	1,2,4-Trichlorobenzene	0.24	J, B	ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-27-4	Bromodichloromethane	2.8		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
67-66-3	Chloroform	27		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
124-48-1	Dibromochloromethane	0.20	J	ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS



Sample Information

Client Sample ID: KWF-MW2S:GW(140-145')

York Sample ID: 14K0001-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 30, 2014 8:40 am

10/31/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	124 %	69-130								
2037-26-5	Surrogate: Toluene-d8	92.7 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	96.9 %	79-122								

Sample Information

Client Sample ID: KWF-MW2S:(112-113')

York Sample ID: 14K0001-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 30, 2014 10:55 am

10/31/2014

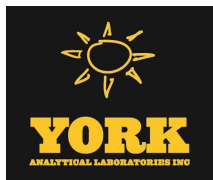
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0099	0.020	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
71-43-2	Benzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS



Sample Information

Client Sample ID: KWF-MW2S:(112-113')

York Sample ID: 14K0001-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 30, 2014 10:55 am

10/31/2014

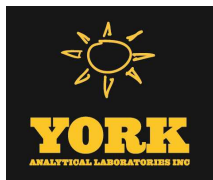
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.099	0.20	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-09-2	Methylene chloride	0.011	J	mg/kg dry	0.0099	0.020	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
100-42-5	Styrene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
108-88-3	Toluene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS



Sample Information

Client Sample ID: KWF-MW2S:(112-113')

York Sample ID: 14K0001-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 30, 2014 10:55 am

10/31/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0099	0.020	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.015	0.030	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
Surrogate Recoveries		Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	94.2 %		76-130							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.4 %		77-125							
2037-26-5	Surrogate: Toluene-d8	111 %		85-120							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.1		%	0.100	0.100	1	SM 2540G	11/07/2014 09:27	11/07/2014 16:14	SCA

Sample Information

Client Sample ID: KWF-MW2S:GW(110-115')

York Sample ID: 14K0001-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 30, 2014 1:20 pm

10/31/2014

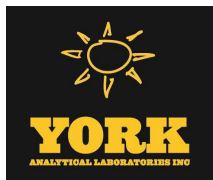
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS



Sample Information

Client Sample ID: KWF-MW2S:GW(110-115')

York Sample ID: 14K0001-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 30, 2014 1:20 pm

10/31/2014

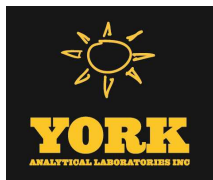
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-27-4	Bromodichloromethane	1.7		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
67-66-3	Chloroform	16		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS



Sample Information

Client Sample ID: KWF-MW2S:GW(110-115')

York Sample ID: 14K0001-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 30, 2014 1:20 pm

10/31/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %		69-130							
2037-26-5	Surrogate: Toluene-d8	94.8 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	98.3 %		79-122							

Sample Information

Client Sample ID: KWF-MW4R:(199-200')

York Sample ID: 14K0001-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 31, 2014 12:05 pm

10/31/2014

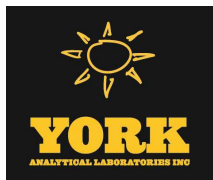
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS



Sample Information

Client Sample ID: KWF-MW4R:(199-200')

York Sample ID: 14K0001-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 31, 2014 12:05 pm

10/31/2014

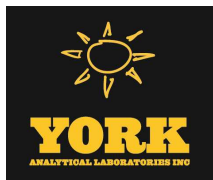
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-09-2	Methylene chloride	0.0063	J	mg/kg dry	0.0061	0.012	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	94.5 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.6 %	77-125								
2037-26-5	Surrogate: Toluene-d8	108 %	85-120								



Sample Information

Client Sample ID: KWF-MW4R:(199-200')

York Sample ID: 14K0001-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 31, 2014 12:05 pm

10/31/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.9		%	0.100	0.100	1	SM 2540G	11/07/2014 09:27	11/07/2014 16:14	SCA

Sample Information

Client Sample ID: KWF-MW4R:GW(199-200')

York Sample ID: 14K0001-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 12:35 pm

10/31/2014

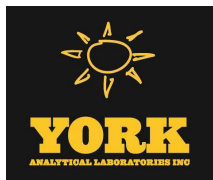
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
67-64-1	Acetone	2.5		Cal-E, CCV-E, B ug/L	1.0	2.0	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS



Sample Information

Client Sample ID: KWF-MW4R:GW(199-200')

York Sample ID: 14K0001-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 12:35 pm

10/31/2014

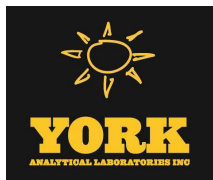
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
127-18-4	Tetrachloroethylene	0.64		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	69-130								
2037-26-5	Surrogate: Toluene-d8	110 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	79-122								



Sample Information

Client Sample ID: KWF-MW4R:(167-177')

York Sample ID: 14K0001-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 31, 2014 1:35 pm

10/31/2014

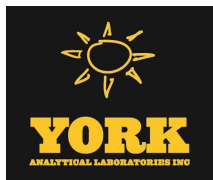
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.010	0.021	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
71-43-2	Benzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.10	0.21	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-09-2	Methylene chloride	0.012	J	mg/kg dry	0.010	0.021	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
100-42-5	Styrene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS



Sample Information

Client Sample ID: KWF-MW4R:(167-177')

York Sample ID: 14K0001-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 31, 2014 1:35 pm

10/31/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
108-88-3	Toluene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.010	0.021	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.015	0.031	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
Surrogate Recoveries		Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	92.2 %		76-130							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.9 %		77-125							
2037-26-5	Surrogate: Toluene-d8	105 %		85-120							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	79.7		%	0.100	0.100	1	SM 2540G	11/07/2014 09:23	11/07/2014 16:04	SCA

Sample Information

Client Sample ID: KWF-MW4R:GW(167-172')

York Sample ID: 14K0001-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 2:00 pm

10/31/2014

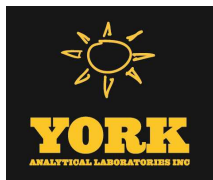
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS



Sample Information

Client Sample ID: KWF-MW4R:GW(167-172')

York Sample ID: 14K0001-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 2:00 pm

10/31/2014

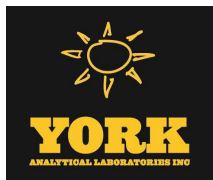
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-27-4	Bromodichloromethane	1.0		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
67-66-3	Chloroform	10		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS



Sample Information

Client Sample ID: KWF-MW4R:GW(167-172')

York Sample ID: 14K0001-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 2:00 pm

10/31/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
127-18-4	Tetrachloroethylene	0.62		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	116 %	69-130								
2037-26-5	Surrogate: Toluene-d8	97.5 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	97.8 %	79-122								

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14K0001-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 12:00 am

10/31/2014

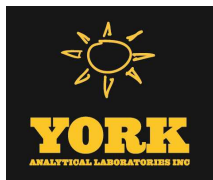
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14K0001-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 12:00 am

10/31/2014

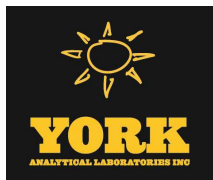
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14K0001-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 12:00 am

10/31/2014

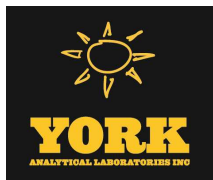
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %		69-130							
2037-26-5	Surrogate: Toluene-d8	95.7 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	99.4 %		79-122							



Case Narrative

Client: Chazen Environmental Services (Poughkeepsie)

Client Project ID: 41433.00 Task 0200 Katonah

Prepared for: Will Olsen

Introduction

This Case Narrative applies only to the following samples submitted to our laboratory on **10/31/2014 4:10:00 PM** :

KWF-MW2S:(112-113')	Soil
KWF-MW2S:GW(110-115')	Water
KWF-MW2S:GW(140-145')	Water
KWF-MW4R:(167-177')	Soil
KWF-MW4R:(199-200')	Soil
KWF-MW4R:GW(167-172')	Water
KWF-MW4R:GW(199-200')	Water
Trip Blank	Water

The 8 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature(s) was acceptable (2-6oC) and documented as:

Cooler 3.9 C

Chain-of-custody was maintained from receipt through analysis in the laboratory.

Methodology

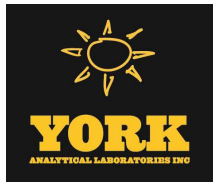
All preparation and analyses were conducted according to the methods referenced in the body of the lab report.

Sample and Analysis Qualifiers

KWF-MW2S:(112-113')	Soil	No Qualifiers
KWF-MW2S:GW(110-115')	Water	No Qualifiers
KWF-MW2S:GW(140-145')	Water	No Qualifiers
KWF-MW4R:(167-177')	Soil	No Qualifiers
KWF-MW4R:(199-200')	Soil	No Qualifiers
KWF-MW4R:GW(167-172')	Water	No Qualifiers

KWF-MW4R:GW(199-200')	Water	Qualifiers

Volatile Organics, 8260 - TCL/SOM (low level)-Acetone - The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit) and continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).



Trip Blank Water No Qualifiers

Analysis Issues (Calibration, Others)

Any issues encountered during analysis are detailed below.

QC Sample Non-Conformances-Volatiles

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance			%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
BK40252-BS1	Cyclohexane - 110-82-7	35 ug/L	LCS	69.5	70-130	Low Bias						
BK40252-BS1	1,2-Dibromo-3-chloropropane - 96-12-8	73 ug/L	LCS	147	74-142	High Bias						
BK40252-BS1	1,2-Dichlorobenzene - 95-50-1	62 ug/L	LCS	124	85-122	High Bias						
BK40252-BS1	2-Hexanone - 591-78-6	70 ug/L	LCS	140	70-139	High Bias						
BK40252-BS1	4-Methyl-2-pentanone - 108-10-1	68 ug/L	LCS	136	72-132	High Bias						
BK40252-BS1	Tetrachloroethylene - 127-18-4	66 ug/L	LCS	131	80-129	High Bias						
BK40252-BS1	1,2,3-Trichlorobenzene - 87-61-6	73 ug/L	LCS	146	81-140	High Bias						

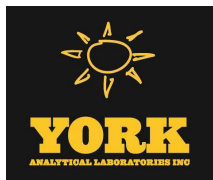
York Project/SDG no.: 14K0001 Statement

We certify that these data are in compliance with SOP requirements both technically and for completeness for other than the conditions stated above. Release of the data contained in the hard copy report and any electronic deliverables has been authorized by the Laboratory Manager as verified by the signature on this laboratory report.

Approved by: Ben Gulizia
Laboratory Director

York Analytical Laboratories, Inc.

Formulae Used for Sample Calculations



Analytical Batch Summary

Batch ID: BK40250 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0001-01	KWF-MW2S:GW(140-145')	11/06/14
14K0001-03	KWF-MW2S:GW(110-115')	11/06/14
14K0001-07	KWF-MW4R:GW(167-172')	11/06/14
14K0001-08	Trip Blank	11/06/14
BK40250-BLK1	Blank	11/06/14
BK40250-BS1	LCS	11/06/14
BK40250-BSD1	LCS Dup	11/06/14

Batch ID: BK40252 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0001-02	KWF-MW2S:(112-113')	11/06/14
14K0001-04	KWF-MW4R:(199-200')	11/06/14
14K0001-06	KWF-MW4R:(167-177')	11/06/14
BK40252-BLK1	Blank	11/06/14
BK40252-BS1	LCS	11/06/14
BK40252-BSD1	LCS Dup	11/06/14

Batch ID: BK40283 **Preparation Method:** % Solids Prep **Prepared By:** SCA

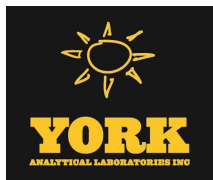
YORK Sample ID	Client Sample ID	Preparation Date
14K0001-06	KWF-MW4R:(167-177')	11/07/14

Batch ID: BK40284 **Preparation Method:** % Solids Prep **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0001-02	KWF-MW2S:(112-113')	11/07/14
14K0001-04	KWF-MW4R:(199-200')	11/07/14
BK40284-DUP1	Duplicate	11/07/14

Batch ID: BK40312 **Preparation Method:** EPA 5030B **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
14K0001-05	KWF-MW4R:GW(199-200')	11/07/14
BK40312-BLK1	Blank	11/07/14
BK40312-BS1	LCS	11/07/14
BK40312-BSD1	LCS Dup	11/07/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

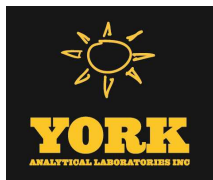
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40250 - EPA 5030B

Blank (BK40250-BLK1)

Prepared: 11/06/2014 Analyzed: 11/07/2014

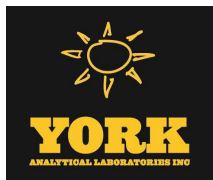
1,1,1-Trichloroethane	ND	0.50	ug/L
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	0.60	0.50	"
1,2,4-Trichlorobenzene	0.50	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	ND	2.0	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
Styrene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40250 - EPA 5030B											
Blank (BK40250-BLK1)						Prepared: 11/06/2014 Analyzed: 11/07/2014					
Vinyl Chloride	ND	0.50	ug/L								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.67</i>		<i>"</i>	<i>10.0</i>		<i>96.7</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.71</i>		<i>"</i>	<i>10.0</i>		<i>97.1</i>	<i>79-122</i>				
LCS (BK40250-BS1)						Prepared: 11/06/2014 Analyzed: 11/07/2014					
1,1,1-Trichloroethane	12		ug/L	10.0		123	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		116	54-165				
1,1,2-Trichloroethane	11		"	10.0		106	82-123				
1,1-Dichloroethane	12		"	10.0		118	82-129				
1,1-Dichloroethylene	12		"	10.0		124	68-138				
1,2,3-Trichlorobenzene	12		"	10.0		118	76-136				
1,2,4-Trichlorobenzene	11		"	10.0		107	76-137				
1,2-Dibromo-3-chloropropane	10		"	10.0		102	45-147				
1,2-Dibromoethane	11		"	10.0		114	83-124				
1,2-Dichlorobenzene	10		"	10.0		104	79-123				
1,2-Dichloroethane	12		"	10.0		124	73-132				
1,2-Dichloropropane	10		"	10.0		104	78-126				
1,3-Dichlorobenzene	11		"	10.0		105	86-122				
1,4-Dichlorobenzene	11		"	10.0		108	85-124				
2-Butanone	11		"	10.0		113	49-152				
2-Hexanone	12		"	10.0		115	51-146				
4-Methyl-2-pentanone	12		"	10.0		125	57-145				
Acetone	11		"	10.0		107	14-150				
Benzene	11		"	10.0		113	85-126				
Bromochloromethane	11		"	10.0		110	77-128				
Bromodichloromethane	11		"	10.0		111	79-128				
Bromoform	11		"	10.0		112	78-133				
Bromomethane	10		"	10.0		99.5	43-168				
Carbon disulfide	12		"	10.0		116	68-146				
Carbon tetrachloride	14		"	10.0		137	77-141				
Chlorobenzene	11		"	10.0		109	88-120				
Chloroethane	11		"	10.0		111	65-136				
Chloroform	12		"	10.0		119	82-128				
Chloromethane	12		"	10.0		120	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		113	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		101	80-131				
Cyclohexane	12		"	10.0		122	63-149				
Dibromochloromethane	11		"	10.0		113	80-130				
Dichlorodifluoromethane	12		"	10.0		117	44-144				
Ethyl Benzene	11		"	10.0		112	80-131				
Isopropylbenzene	11		"	10.0		112	76-140				
Methyl acetate	8.0		"	10.0		80.5	51-139				
Methyl tert-butyl ether (MTBE)	12		"	10.0		120	76-135				
Methylcyclohexane	12		"	10.0		116	72-143				
Methylene chloride	12		"	10.0		120	55-137				
o-Xylene	11		"	10.0		110	78-130				
p- & m- Xylenes	22		"	20.0		108	77-133				
Styrene	11		"	10.0		111	67-132				
Tetrachloroethylene	11		"	10.0		110	82-131				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40250 - EPA 5030B

LCS (BK40250-BS1)

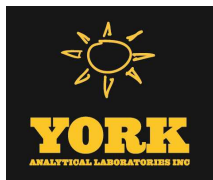
Prepared: 11/06/2014 Analyzed: 11/07/2014

Toluene	10		ug/L	10.0		105	80-127				
trans-1,2-Dichloroethylene	12		"	10.0		122	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		101	78-131				
Trichloroethylene	11		"	10.0		114	82-128				
Trichlorofluoromethane	13		"	10.0		129	67-139				
Vinyl Chloride	11		"	10.0		114	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>12.2</i>		<i>"</i>	<i>10.0</i>		<i>122</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.70</i>		<i>"</i>	<i>10.0</i>		<i>97.0</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.95</i>		<i>"</i>	<i>10.0</i>		<i>99.5</i>	<i>79-122</i>				

LCS Dup (BK40250-BSD1)

Prepared: 11/06/2014 Analyzed: 11/07/2014

1,1,1-Trichloroethane	12		ug/L	10.0		121	78-136		1.15	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		100	76-129		7.10	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		116	54-165		0.172	30	
1,1,2-Trichloroethane	11		"	10.0		106	82-123		0.567	30	
1,1-Dichloroethane	12		"	10.0		116	82-129		1.20	30	
1,1-Dichloroethylene	12		"	10.0		123	68-138		1.30	30	
1,2,3-Trichlorobenzene	12		"	10.0		117	76-136		0.512	30	
1,2,4-Trichlorobenzene	10		"	10.0		103	76-137		3.73	30	
1,2-Dibromo-3-chloropropane	13		"	10.0		129	45-147		23.7	30	
1,2-Dibromoethane	10		"	10.0		102	83-124		11.6	30	
1,2-Dichlorobenzene	9.6		"	10.0		96.4	79-123		7.58	30	
1,2-Dichloroethane	13		"	10.0		126	73-132		2.24	30	
1,2-Dichloropropane	11		"	10.0		108	78-126		3.66	30	
1,3-Dichlorobenzene	10		"	10.0		100	86-122		4.67	30	
1,4-Dichlorobenzene	9.9		"	10.0		99.0	85-124		8.79	30	
2-Butanone	12		"	10.0		116	49-152		3.05	30	
2-Hexanone	12		"	10.0		118	51-146		1.80	30	
4-Methyl-2-pentanone	13		"	10.0		132	57-145		5.61	30	
Acetone	14		"	10.0		135	14-150		22.9	30	
Benzene	11		"	10.0		114	85-126		0.264	30	
Bromochloromethane	11		"	10.0		111	77-128		0.995	30	
Bromodichloromethane	12		"	10.0		117	79-128		5.34	30	
Bromoform	12		"	10.0		117	78-133		4.54	30	
Bromomethane	9.3		"	10.0		92.9	43-168		6.86	30	
Carbon disulfide	12		"	10.0		116	68-146		0.258	30	
Carbon tetrachloride	13		"	10.0		129	77-141		6.08	30	
Chlorobenzene	11		"	10.0		109	88-120		0.0915	30	
Chloroethane	11		"	10.0		115	65-136		3.10	30	
Chloroform	12		"	10.0		116	82-128		1.87	30	
Chloromethane	12		"	10.0		116	43-155		3.40	30	
cis-1,2-Dichloroethylene	11		"	10.0		108	83-129		4.51	30	
cis-1,3-Dichloropropylene	10		"	10.0		101	80-131		0.0988	30	
Cyclohexane	11		"	10.0		112	63-149		8.40	30	
Dibromochloromethane	11		"	10.0		112	80-130		0.798	30	
Dichlorodifluoromethane	12		"	10.0		117	44-144		0.257	30	
Ethyl Benzene	12		"	10.0		119	80-131		5.71	30	
Isopropylbenzene	11		"	10.0		107	76-140		5.03	30	
Methyl acetate	7.2		"	10.0		71.5	51-139		11.8	30	
Methyl tert-butyl ether (MTBE)	12		"	10.0		116	76-135		2.63	30	
Methylcyclohexane	11		"	10.0		111	72-143		3.97	30	
Methylene chloride	12		"	10.0		118	55-137		1.01	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40250 - EPA 5030B

LCS Dup (BK40250-BSD1)

Prepared: 11/06/2014 Analyzed: 11/07/2014

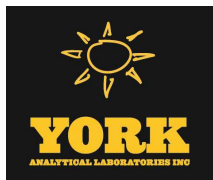
o-Xylene	12		ug/L	10.0		120	78-130		8.63	30
p- & m- Xylenes	23		"	20.0		113	77-133		5.34	30
Styrene	11		"	10.0		113	67-132		2.14	30
Tetrachloroethylene	10		"	10.0		102	82-131		7.34	30
Toluene	10		"	10.0		103	80-127		2.12	30
trans-1,2-Dichloroethylene	12		"	10.0		118	80-132		2.83	30
trans-1,3-Dichloropropylene	10		"	10.0		99.5	78-131		1.60	30
Trichloroethylene	12		"	10.0		116	82-128		2.08	30
Trichlorofluoromethane	13		"	10.0		130	67-139		0.540	30
Vinyl Chloride	12		"	10.0		116	58-145		1.91	30
Surrogate: 1,2-Dichloroethane-d4	12.0		"	10.0		120	69-130			
Surrogate: Toluene-d8	9.52		"	10.0		95.2	81-117			
Surrogate: p-Bromofluorobenzene	9.70		"	10.0		97.0	79-122			

Batch BK40252 - EPA 5035A

Blank (BK40252-BLK1)

Prepared: 11/06/2014 Analyzed: 11/07/2014

Acetone	ND	0.010	mg/kg wet
Benzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
2-Butanone	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
Cyclohexane	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
Dichlorodifluoromethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
trans-1,3-Dichloropropylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
Ethyl Benzene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40252 - EPA 5035A

Blank (BK40252-BLK1)

Prepared: 11/06/2014 Analyzed: 11/07/2014

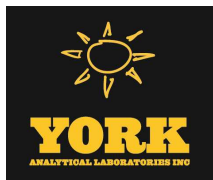
Methylcyclohexane	ND	0.0050	mg/kg wet
Methylene chloride	ND	0.010	"
4-Methyl-2-pentanone	ND	0.0050	"
Styrene	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Toluene	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
Xylenes, Total	ND	0.015	"

<i>Surrogate: p-Bromofluorobenzene</i>	48.0	ug/L	50.0	96.0	76-130
<i>Surrogate: 1,2-Dichloroethane-d4</i>	45.3	"	50.0	90.5	77-125
<i>Surrogate: Toluene-d8</i>	54.5	"	50.0	109	85-120

LCS (BK40252-BS1)

Prepared: 11/06/2014 Analyzed: 11/07/2014

Acetone	48	ug/L	50.0	96.0	36-155	
Benzene	48	"	50.0	96.8	77-127	
Bromochloromethane	42	"	50.0	83.1	74-129	
Bromodichloromethane	55	"	50.0	111	81-124	
Bromoform	61	"	50.0	121	80-136	
Bromomethane	43	"	50.0	85.3	32-177	
2-Butanone	59	"	50.0	117	58-147	
Carbon disulfide	49	"	50.0	98.1	10-136	
Carbon tetrachloride	41	"	50.0	82.5	66-143	
Chlorobenzene	57	"	50.0	114	86-120	
Chloroethane	47	"	50.0	94.4	51-142	
Chloroform	42	"	50.0	83.1	76-131	
Chloromethane	47	"	50.0	93.4	49-132	
Cyclohexane	35	"	50.0	69.5	70-130	Low Bias
1,2-Dibromo-3-chloropropane	73	"	50.0	147	74-142	High Bias
Dibromochloromethane	58	"	50.0	116	10-200	
1,2-Dibromoethane	60	"	50.0	119	86-123	
1,2-Dichlorobenzene	62	"	50.0	124	85-122	High Bias
1,3-Dichlorobenzene	57	"	50.0	115	84-124	
1,4-Dichlorobenzene	59	"	50.0	118	84-124	
Dichlorodifluoromethane	35	"	50.0	70.9	28-158	
1,1-Dichloroethane	48	"	50.0	95.6	75-130	
1,2-Dichloroethane	46	"	50.0	92.4	71-133	
1,1-Dichloroethylene	46	"	50.0	92.2	64-137	
trans-1,2-Dichloroethylene	49	"	50.0	97.1	72-132	
cis-1,2-Dichloroethylene	48	"	50.0	96.2	74-132	
1,2-Dichloropropane	56	"	50.0	111	81-122	
trans-1,3-Dichloropropylene	57	"	50.0	113	78-132	
cis-1,3-Dichloropropylene	56	"	50.0	111	81-129	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40252 - EPA 5035A

LCS (BK40252-BS1)

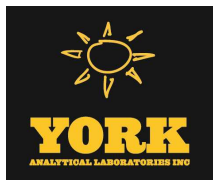
Prepared: 11/06/2014 Analyzed: 11/07/2014

1,4-Dioxane	1500		ug/L	1000		147	10-228				
Ethyl Benzene	56		"	50.0		111	84-125				
2-Hexanone	70		"	50.0		140	70-139	High Bias			
Isopropylbenzene	57		"	50.0		115	81-127				
Methyl acetate	52		"	50.0		104	41-143				
Methyl tert-butyl ether (MTBE)	50		"	50.0		101	74-131				
Methylcyclohexane	57		"	50.0		113	70-130				
Methylene chloride	46		"	50.0		92.5	57-141				
4-Methyl-2-pentanone	68		"	50.0		136	72-132	High Bias			
Styrene	57		"	50.0		115	86-126				
1,1,2,2-Tetrachloroethane	63		"	50.0		125	79-129				
Tetrachloroethylene	66		"	50.0		131	80-129	High Bias			
Toluene	56		"	50.0		112	85-121				
1,2,4-Trichlorobenzene	69		"	50.0		138	80-141				
1,2,3-Trichlorobenzene	73		"	50.0		146	81-140	High Bias			
1,1,1-Trichloroethane	40		"	50.0		80.5	71-137				
1,1,2-Trichloroethane	60		"	50.0		120	83-123				
Trichloroethylene	55		"	50.0		110	84-123				
Trichlorofluoromethane	43		"	50.0		85.7	62-140				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		92.4	58-146				
Vinyl Chloride	45		"	50.0		90.5	52-130				
o-Xylene	54		"	50.0		108	83-123				
p- & m- Xylenes	110		"	100		108	82-128				
Surrogate: p-Bromofluorobenzene	49.1		"	50.0		98.2	76-130				
Surrogate: 1,2-Dichloroethane-d4	44.2		"	50.0		88.5	77-125				
Surrogate: Toluene-d8	54.9		"	50.0		110	85-120				

LCS Dup (BK40252-BS1)

Prepared: 11/06/2014 Analyzed: 11/07/2014

Acetone	46		ug/L	50.0		91.6	36-155		4.73	30	
Benzene	45		"	50.0		90.7	77-127		6.46	30	
Bromochloromethane	39		"	50.0		78.8	74-129		5.31	30	
Bromodichloromethane	52		"	50.0		104	81-124		6.39	30	
Bromoform	56		"	50.0		111	80-136		8.86	30	
Bromomethane	43		"	50.0		85.6	32-177		0.421	30	
2-Butanone	59		"	50.0		118	58-147		0.357	30	
Carbon disulfide	45		"	50.0		89.7	10-136		8.97	30	
Carbon tetrachloride	43		"	50.0		86.2	66-143		4.43	30	
Chlorobenzene	52		"	50.0		105	86-120		8.97	30	
Chloroethane	45		"	50.0		90.6	51-142		4.15	30	
Chloroform	38		"	50.0		76.9	76-131		7.73	30	
Chloromethane	44		"	50.0		87.0	49-132		7.05	30	
Cyclohexane	44		"	50.0		87.9	70-130		23.5	30	
1,2-Dibromo-3-chloropropane	66		"	50.0		132	74-142		10.5	30	
Dibromochloromethane	54		"	50.0		108	10-200		7.06	30	
1,2-Dibromoethane	56		"	50.0		112	86-123		6.84	30	
1,2-Dichlorobenzene	56		"	50.0		111	85-122		10.5	30	
1,3-Dichlorobenzene	52		"	50.0		104	84-124		10.1	30	
1,4-Dichlorobenzene	54		"	50.0		107	84-124		9.44	30	
Dichlorodifluoromethane	33		"	50.0		66.7	28-158		6.14	30	
1,1-Dichloroethane	44		"	50.0		88.3	75-130		7.85	30	
1,2-Dichloroethane	44		"	50.0		87.7	71-133		5.22	30	
1,1-Dichloroethylene	43		"	50.0		85.1	64-137		8.01	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

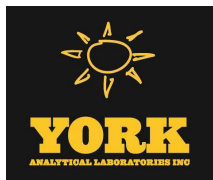
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40252 - EPA 5035A

LCS Dup (BK40252-BSD1)

Prepared: 11/06/2014 Analyzed: 11/07/2014

trans-1,2-Dichloroethylene	44		ug/L	50.0		88.2	72-132		9.69	30	
cis-1,2-Dichloroethylene	44		"	50.0		88.5	74-132		8.38	30	
1,2-Dichloropropane	54		"	50.0		108	81-122		2.92	30	
trans-1,3-Dichloropropylene	53		"	50.0		107	78-132		5.82	30	
cis-1,3-Dichloropropylene	52		"	50.0		104	81-129		6.59	30	
1,4-Dioxane	1400		"	1000		143	10-228		3.28	30	
Ethyl Benzene	50		"	50.0		99.8	84-125		11.0	30	
2-Hexanone	66		"	50.0		132	70-139		5.66	30	
Isopropylbenzene	50		"	50.0		101	81-127		12.9	30	
Methyl acetate	52		"	50.0		104	41-143		0.250	30	
Methyl tert-butyl ether (MTBE)	48		"	50.0		96.5	74-131		4.06	30	
Methylcyclohexane	51		"	50.0		102	70-130		10.3	30	
Methylene chloride	43		"	50.0		86.4	57-141		6.80	30	
4-Methyl-2-pentanone	64		"	50.0		128	72-132		5.77	30	
Styrene	52		"	50.0		105	86-126		9.02	30	
1,1,2,2-Tetrachloroethane	58		"	50.0		115	79-129		8.36	30	
Tetrachloroethylene	59		"	50.0		118	80-129		10.4	30	
Toluene	51		"	50.0		103	85-121		8.41	30	
1,2,4-Trichlorobenzene	60		"	50.0		120	80-141		14.1	30	
1,2,3-Trichlorobenzene	64		"	50.0		128	81-140		13.6	30	
1,1,1-Trichloroethane	42		"	50.0		84.9	71-137		5.30	30	
1,1,2-Trichloroethane	56		"	50.0		112	83-123		6.83	30	
Trichloroethylene	52		"	50.0		104	84-123		5.59	30	
Trichlorofluoromethane	39		"	50.0		79.0	62-140		8.11	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0		86.7	58-146		6.37	30	
Vinyl Chloride	43		"	50.0		86.6	52-130		4.38	30	
o-Xylene	49		"	50.0		98.9	83-123		9.09	30	
p- & m- Xylenes	98		"	100		98.4	82-128		9.09	30	
Surrogate: p-Bromofluorobenzene	48.4		"	50.0		96.8	76-130				
Surrogate: 1,2-Dichloroethane-d4	47.4		"	50.0		94.8	77-125				
Surrogate: Toluene-d8	54.9		"	50.0		110	85-120				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

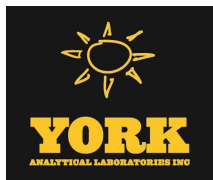
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40312 - EPA 5030B

Blank (BK40312-BLK1)

Prepared & Analyzed: 11/07/2014

1,1,1-Trichloroethane	ND	0.50	ug/L
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	0.26	0.50	"
1,2,4-Trichlorobenzene	0.28	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	1.2	2.0	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	ND	2.0	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
Styrene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40312 - EPA 5030B

Blank (BK40312-BLK1)

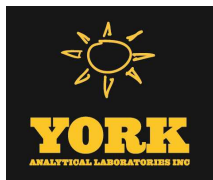
Prepared & Analyzed: 11/07/2014

Xylenes, Total	ND	1.5	ug/L								
Surrogate: 1,2-Dichloroethane-d4	8.77		"	10.0		87.7	69-130				
Surrogate: Toluene-d8	10.6		"	10.0		106	81-117				
Surrogate: p-Bromofluorobenzene	9.54		"	10.0		95.4	79-122				

LCS (BK40312-BS1)

Prepared & Analyzed: 11/07/2014

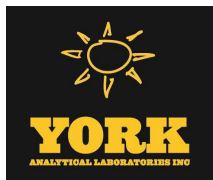
1,1,1-Trichloroethane	8.7		ug/L	10.0		86.8	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		111	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.2		"	10.0		82.1	54-165				
1,1,2-Trichloroethane	11		"	10.0		112	82-123				
1,1-Dichloroethane	8.7		"	10.0		86.6	82-129				
1,1-Dichloroethylene	8.7		"	10.0		86.7	68-138				
1,2,3-Trichlorobenzene	11		"	10.0		112	76-136				
1,2,4-Trichlorobenzene	11		"	10.0		113	76-137				
1,2-Dibromo-3-chloropropane	9.8		"	10.0		97.6	45-147				
1,2-Dibromoethane	11		"	10.0		106	83-124				
1,2-Dichlorobenzene	10		"	10.0		103	79-123				
1,2-Dichloroethane	9.3		"	10.0		93.0	73-132				
1,2-Dichloropropane	10		"	10.0		101	78-126				
1,3-Dichlorobenzene	11		"	10.0		109	86-122				
1,4-Dichlorobenzene	11		"	10.0		109	85-124				
2-Butanone	8.1		"	10.0		81.0	49-152				
2-Hexanone	10		"	10.0		103	51-146				
4-Methyl-2-pentanone	8.7		"	10.0		87.3	57-145				
Acetone	5.0		"	10.0		50.3	14-150				
Benzene	9.4		"	10.0		94.3	85-126				
Bromochloromethane	8.5		"	10.0		84.6	77-128				
Bromodichloromethane	10		"	10.0		99.7	79-128				
Bromoform	12		"	10.0		118	78-133				
Bromomethane	9.4		"	10.0		94.5	43-168				
Carbon disulfide	8.1		"	10.0		80.9	68-146				
Carbon tetrachloride	8.7		"	10.0		87.3	77-141				
Chlorobenzene	10		"	10.0		102	88-120				
Chloroethane	7.6		"	10.0		76.2	65-136				
Chloroform	8.2		"	10.0		82.1	82-128				
Chloromethane	8.3		"	10.0		82.7	43-155				
cis-1,2-Dichloroethylene	8.9		"	10.0		89.1	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		107	80-131				
Cyclohexane	7.7		"	10.0		76.6	63-149				
Dibromochloromethane	11		"	10.0		110	80-130				
Dichlorodifluoromethane	7.9		"	10.0		78.6	44-144				
Ethyl Benzene	10		"	10.0		105	80-131				
Isopropylbenzene	10		"	10.0		99.6	76-140				
Methyl acetate	8.1		"	10.0		81.2	51-139				
Methyl tert-butyl ether (MTBE)	9.0		"	10.0		90.3	76-135				
Methylcyclohexane	8.7		"	10.0		87.0	72-143				
Methylene chloride	8.3		"	10.0		82.9	55-137				
o-Xylene	10		"	10.0		102	78-130				
p- & m- Xylenes	19		"	20.0		97.2	77-133				
Styrene	10		"	10.0		101	67-132				
Tetrachloroethylene	9.5		"	10.0		95.4	82-131				
Toluene	10		"	10.0		102	80-127				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40312 - EPA 5030B											
LCS (BK40312-BS1)						Prepared & Analyzed: 11/07/2014					
trans-1,2-Dichloroethylene	8.5		ug/L	10.0		85.3	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		102	78-131				
Trichloroethylene	9.6		"	10.0		96.3	82-128				
Trichlorofluoromethane	8.3		"	10.0		83.0	67-139				
Vinyl Chloride	7.7		"	10.0		77.1	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.57</i>		<i>"</i>	<i>10.0</i>		<i>95.7</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.67</i>		<i>"</i>	<i>10.0</i>		<i>96.7</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>79-122</i>				
LCS Dup (BK40312-BSD1)						Prepared & Analyzed: 11/07/2014					
1,1,1-Trichloroethane	9.3		ug/L	10.0		92.7	78-136		6.57	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		110	76-129		1.63	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.3		"	10.0		83.3	54-165		1.45	30	
1,1,2-Trichloroethane	11		"	10.0		110	82-123		1.08	30	
1,1-Dichloroethane	8.7		"	10.0		87.0	82-129		0.461	30	
1,1-Dichloroethylene	8.6		"	10.0		86.4	68-138		0.347	30	
1,2,3-Trichlorobenzene	11		"	10.0		108	76-136		4.17	30	
1,2,4-Trichlorobenzene	11		"	10.0		108	76-137		3.98	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		100	45-147		2.73	30	
1,2-Dibromoethane	11		"	10.0		107	83-124		0.281	30	
1,2-Dichlorobenzene	11		"	10.0		105	79-123		2.60	30	
1,2-Dichloroethane	9.1		"	10.0		91.4	73-132		1.74	30	
1,2-Dichloropropane	10		"	10.0		104	78-126		3.11	30	
1,3-Dichlorobenzene	11		"	10.0		110	86-122		0.366	30	
1,4-Dichlorobenzene	10		"	10.0		103	85-124		5.27	30	
2-Butanone	8.4		"	10.0		83.5	49-152		3.04	30	
2-Hexanone	9.2		"	10.0		91.6	51-146		12.0	30	
4-Methyl-2-pentanone	8.8		"	10.0		87.8	57-145		0.571	30	
Acetone	5.8		"	10.0		58.2	14-150		14.6	30	
Benzene	9.3		"	10.0		93.3	85-126		1.07	30	
Bromochloromethane	8.9		"	10.0		89.0	77-128		5.07	30	
Bromodichloromethane	10		"	10.0		100	79-128		0.799	30	
Bromoform	12		"	10.0		119	78-133		0.845	30	
Bromomethane	9.3		"	10.0		92.7	43-168		1.92	30	
Carbon disulfide	8.5		"	10.0		85.0	68-146		4.94	30	
Carbon tetrachloride	8.9		"	10.0		89.4	77-141		2.38	30	
Chlorobenzene	10		"	10.0		104	88-120		2.14	30	
Chloroethane	8.6		"	10.0		86.5	65-136		12.7	30	
Chloroform	8.9		"	10.0		89.1	82-128		8.18	30	
Chloromethane	8.4		"	10.0		84.1	43-155		1.68	30	
cis-1,2-Dichloroethylene	8.8		"	10.0		87.9	83-129		1.36	30	
cis-1,3-Dichloropropylene	10		"	10.0		104	80-131		3.61	30	
Cyclohexane	8.2		"	10.0		82.2	63-149		7.05	30	
Dibromochloromethane	11		"	10.0		110	80-130		0.0913	30	
Dichlorodifluoromethane	8.5		"	10.0		85.0	44-144		7.82	30	
Ethyl Benzene	10		"	10.0		101	80-131		3.21	30	
Isopropylbenzene	11		"	10.0		106	76-140		6.13	30	
Methyl acetate	8.1		"	10.0		81.4	51-139		0.246	30	
Methyl tert-butyl ether (MTBE)	9.3		"	10.0		92.7	76-135		2.62	30	
Methylcyclohexane	9.7		"	10.0		97.0	72-143		10.9	30	
Methylene chloride	8.7		"	10.0		86.6	55-137		4.37	30	
o-Xylene	10		"	10.0		99.9	78-130		1.79	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

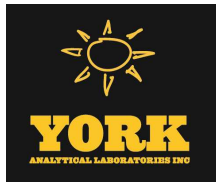
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40312 - EPA 5030B

LCS Dup (BK40312-BSD1)

Prepared & Analyzed: 11/07/2014

p- & m- Xylenes	20		ug/L	20.0		98.3	77-133		1.18	30
Styrene	9.6		"	10.0		95.7	67-132		5.39	30
Tetrachloroethylene	10		"	10.0		102	82-131		6.20	30
Toluene	10		"	10.0		102	80-127		0.0983	30
trans-1,2-Dichloroethylene	9.2		"	10.0		91.7	80-132		7.23	30
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131		2.53	30
Trichloroethylene	10		"	10.0		104	82-128		7.78	30
Trichlorofluoromethane	9.0		"	10.0		90.1	67-139		8.20	30
Vinyl Chloride	8.0		"	10.0		79.7	58-145		3.32	30
Surrogate: 1,2-Dichloroethane-d4	9.07		"	10.0		90.7	69-130			
Surrogate: Toluene-d8	9.34		"	10.0		93.4	81-117			
Surrogate: p-Bromofluorobenzene	10.3		"	10.0		103	79-122			



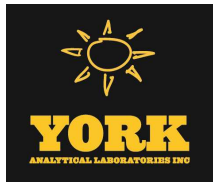
Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

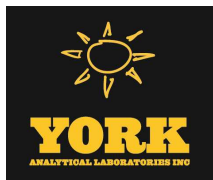
Batch BK40284 - % Solids Prep

Duplicate (BK40284-DUP1)		*Source sample: 14K0001-04 (KWF-MW4R:(199-200'))						Prepared & Analyzed: 11/07/2014			
% Solids	91.3	0.100	%		90.9				0.436	20	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0001-01	KWF-MW2S:GW(140-145')	Encore Sampler
14K0001-02	KWF-MW2S:(112-113')	Encore Sampler
14K0001-03	KWF-MW2S:GW(110-115')	Encore Sampler
14K0001-04	KWF-MW4R:(199-200')	Encore Sampler
14K0001-05	KWF-MW4R:GW(199-200')	Encore Sampler
14K0001-06	KWF-MW4R:(167-177')	Encore Sampler
14K0001-07	KWF-MW4R:GW(167-172')	Encore Sampler
14K0001-08	Trip Blank	Encore Sampler



Notes and Definitions

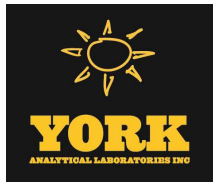
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

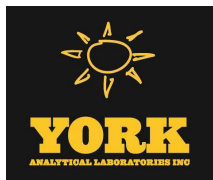
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.



Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



Laboratory Chain-of-Custody Record

York Project (SDG) No.: 14K0001

Samples Received: 10/31/2014 16:10 By: Tom Gabrielson Logged In: 11/01/2014 10:39 By: Paul Grace

Sample Conditions:

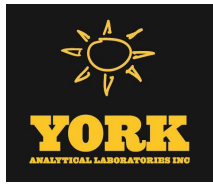
☒ Custody Seals	☒ Chain of Custody Form Received
☒ Containers Intact	☒ Appropriate Sample Volumes Received
☒ COC/Labels Agree	☒ Appropriate Sample Containers Submitted
☒ Preservation Confirmed	☒ Samples Submitted within Holding Times
☒ Cooler Temperature Confirmed	☐ Corrective Action Form Required
☒ COC Complete	

Preparation Chain-of-Custody

Sample ID	Reason Prep	Prep Start Date	Prep End Date	Prep Analyst
14K0001-02	% Solids Prep	11/07/2014 9:27	11/07/2014 9:27	Sara Alesi
14K0001-04	% Solids Prep	11/07/2014 9:27	11/07/2014 9:27	Sara Alesi
14K0001-06	% Solids Prep	11/07/2014 9:23	11/07/2014 9:23	Sara Alesi
14K0001-01	EPA 5030B	11/06/2014 16:40	11/06/2014 16:40	Bryan G. Slight
14K0001-03	EPA 5030B	11/06/2014 16:40	11/06/2014 16:40	Bryan G. Slight
14K0001-05	EPA 5030B	11/07/2014 8:30	11/07/2014 8:30	Barbara Kostrzewska
14K0001-07	EPA 5030B	11/06/2014 16:40	11/06/2014 16:40	Bryan G. Slight
14K0001-08	EPA 5030B	11/06/2014 16:40	11/06/2014 16:40	Bryan G. Slight
14K0001-02	EPA 5035A	11/06/2014 16:44	11/06/2014 16:44	Bryan G. Slight
14K0001-04	EPA 5035A	11/06/2014 16:44	11/06/2014 16:44	Bryan G. Slight
14K0001-06	EPA 5035A	11/06/2014 16:44	11/06/2014 16:44	Bryan G. Slight

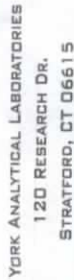
Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst
14K0001-02	Total Solids	11/07/2014 9:27	11/07/2014 16:14	Sara Alesi
14K0001-04	Total Solids	11/07/2014 9:27	11/07/2014 16:14	Sara Alesi
14K0001-06	Total Solids	11/07/2014 9:23	11/07/2014 16:04	Sara Alesi
14K0001-02	Volatile Organics, 8260 - TCL/SOM	11/06/2014 16:44	11/07/2014 3:37	Steve Swift
14K0001-04	Volatile Organics, 8260 - TCL/SOM	11/06/2014 16:44	11/07/2014 4:19	Steve Swift
14K0001-06	Volatile Organics, 8260 - TCL/SOM	11/06/2014 16:44	11/07/2014 5:00	Steve Swift
14K0001-01	Volatile Organics, 8260 - TCL/SOM (I	11/06/2014 16:40	11/07/2014 6:37	Steve Swift
14K0001-03	Volatile Organics, 8260 - TCL/SOM (I	11/06/2014 16:40	11/07/2014 7:16	Steve Swift
14K0001-05	Volatile Organics, 8260 - TCL/SOM (I	11/07/2014 8:30	11/07/2014 14:14	Steve Swift
14K0001-07	Volatile Organics, 8260 - TCL/SOM (I	11/06/2014 16:40	11/07/2014 8:37	Steve Swift



Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst
14K0001-08	Volatile Organics, 8260 - TCL/SOM (l	11/06/2014 16:40	11/07/2014 9:16	Steve Swift



YORK
ANALYTICAL LABORATORIES INC.

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.

This document serves as your written authorization to York to proceed with the analyses requested and your

signature binds you to York's Std. Terms & Conditions.

YOUR Information Company: <u>Chazen</u> Address: <u>21 Fox Street</u> <u>Poughkeepsie NY 12601</u> Phone No. <u>815-454-3980</u> Contact Person: <u>William Olson</u> E-Mail Address: <u>wolson@chazencorp.com</u>		Report To: Company: <u>Chazen</u> Address: _____ Phone No. _____ Attention: <u>William Olson</u> E-Mail Address: _____		Invoice To: Company: <u>Chazen</u> Address: _____ Phone No. _____ Attention: <u>ACCU PARABOL</u> E-Mail Address: _____		YOUR Project ID <u>41933.00</u> <u>TALIC 0200</u> <u>KATONAH</u> Purchase Order No. <u>P 16496</u> Samples from: CT NYX NJ		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard(5-7 Days) ☒		Report Type Summary Report <u>X</u> Summary w/ QA Summary _____ CT RCP Package _____ CTRCP DQA/DUE Pkg _____ NY ASP A Package _____ NY ASP B Package <u>X</u> NUDEP Red. Deliv. _____ <i>Electronic Data Deliverables (EDD)</i> Simple Excel <u>X</u> NYSDEC EQULS _____ EQULS (std) _____ EZ-EDD (EQULS) _____ NUDEP SRP HazSite EDD _____ GIS/KEY (std) _____ Other _____ York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in):																																																																																																																																			
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.						<table border="1"><thead><tr><th colspan="2">Matrix Codes</th><th colspan="2">Volatiles</th><th>Semi-Vols.</th><th>Asst/PCB/Herb</th><th>Metals</th><th>Misc. Org.</th><th>Full Lists</th><th>Misc.</th></tr></thead><tbody><tr><td>S - soil</td><td></td><td>8260 full</td><td>TICs</td><td>8270 & 625</td><td>PCB</td><td>RCRA 8</td><td>TPH GRO</td><td>Ph.Poll.</td><td>Corrosivity</td></tr><tr><td>Other - specify (oil, etc.)</td><td></td><td>624</td><td>Site Spec.</td><td>STARS list</td><td>PCB</td><td>pp13 list</td><td>TPH DRO</td><td>TCL Ograns</td><td>Reactivity</td></tr><tr><td>WW - wastewater</td><td></td><td>STARS list</td><td>Nassau Co.</td><td>BN Only</td><td>Herb</td><td>TAL</td><td>CT ETPH</td><td>TAL Mecon</td><td>Ignitability</td></tr><tr><td>GW - groundwater</td><td></td><td>BTEX</td><td>Suffolk Co.</td><td>Acids Only</td><td>CT RCP</td><td>CTI 5 list</td><td>NY 310-13</td><td>Full TCLP</td><td>Flash Point</td></tr><tr><td>DW - drinking water</td><td></td><td>MTBE</td><td>Ketones</td><td>PAH list</td><td>App. IX</td><td>TAGM list</td><td>TPH 1664</td><td>Full App. IX</td><td>Sieve Anal.</td></tr><tr><td>Air-A - ambient air</td><td></td><td>TCL list</td><td>Oxygenates</td><td>TAGM list</td><td>Site Spec.</td><td>NUDEP list</td><td>Air TO14A</td><td>Part 360-Routine</td><td>Heterotrophs</td></tr><tr><td>Air-SV - soil vapor</td><td></td><td>TAGM list</td><td>TCLP list</td><td>CT RCP list</td><td>SPL Por/TCLP</td><td>Total</td><td>Air TO15</td><td>Part 360-Baseline</td><td>TOX</td></tr><tr><td></td><td></td><td>CT RCP list</td><td>524-2</td><td>TCL list</td><td>TCLP Pest</td><td>Dissolved</td><td>Air STARS</td><td>Part 360-Equivalents</td><td>BTU/lb.</td></tr><tr><td></td><td></td><td>Arom. only</td><td>502.2</td><td>NUDEP list</td><td>TCLP Herb</td><td>SPL Por/TCLP</td><td>Air VPH</td><td>Part 360-Organics</td><td>Aquatic Tox.</td></tr><tr><td></td><td></td><td>Halog. only</td><td>NUDEP list</td><td>App. IX</td><td>Chlordane</td><td>Air TICs</td><td>Air TICs</td><td>NYCDEP-Sewer</td><td>TOC</td></tr><tr><td></td><td></td><td>App. IX list</td><td>SPL Por/TCLP</td><td>TCLP BNA</td><td>608 Pest</td><td>LIST Below</td><td></td><td>NYSDJ-Sewer</td><td>Asbestos</td></tr><tr><td></td><td></td><td>8021B list</td><td></td><td>SPL Por/TCLP</td><td>608 PCB</td><td></td><td></td><td>TAGM</td><td>Silica</td></tr></tbody></table>						Matrix Codes		Volatiles		Semi-Vols.	Asst/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.	S - soil		8260 full	TICs	8270 & 625	PCB	RCRA 8	TPH GRO	Ph.Poll.	Corrosivity	Other - specify (oil, etc.)		624	Site Spec.	STARS list	PCB	pp13 list	TPH DRO	TCL Ograns	Reactivity	WW - wastewater		STARS list	Nassau Co.	BN Only	Herb	TAL	CT ETPH	TAL Mecon	Ignitability	GW - groundwater		BTEX	Suffolk Co.	Acids Only	CT RCP	CTI 5 list	NY 310-13	Full TCLP	Flash Point	DW - drinking water		MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Air-A - ambient air		TCL list	Oxygenates	TAGM list	Site Spec.	NUDEP list	Air TO14A	Part 360-Routine	Heterotrophs	Air-SV - soil vapor		TAGM list	TCLP list	CT RCP list	SPL Por/TCLP	Total	Air TO15	Part 360-Baseline	TOX			CT RCP list	524-2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Equivalents	BTU/lb.			Arom. only	502.2	NUDEP list	TCLP Herb	SPL Por/TCLP	Air VPH	Part 360-Organics	Aquatic Tox.			Halog. only	NUDEP list	App. IX	Chlordane	Air TICs	Air TICs	NYCDEP-Sewer	TOC			App. IX list	SPL Por/TCLP	TCLP BNA	608 Pest	LIST Below		NYSDJ-Sewer	Asbestos			8021B list		SPL Por/TCLP	608 PCB			TAGM	Silica
Matrix Codes		Volatiles		Semi-Vols.	Asst/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.																																																																																																																																				
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Air-SV - soil vapor		TAGM list	TCLP list	CT RCP list	SPL Por/TCLP	Total	Air TO15	Part 360-Baseline	TOX																																																																																																																																				
		CT RCP list	524-2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Equivalents	BTU/lb.																																																																																																																																				
		Arom. only	502.2	NUDEP list	TCLP Herb	SPL Por/TCLP	Air VPH	Part 360-Organics	Aquatic Tox.																																																																																																																																				
		Halog. only	NUDEP list	App. IX	Chlordane	Air TICs	Air TICs	NYCDEP-Sewer	TOC																																																																																																																																				
		App. IX list	SPL Por/TCLP	TCLP BNA	608 Pest	LIST Below		NYSDJ-Sewer	Asbestos																																																																																																																																				
		8021B list		SPL Por/TCLP	608 PCB			TAGM	Silica																																																																																																																																				
<u>William G. Olson</u> Samples Collected/Authorized By (Signature) <u>William G. Olson</u> Name (printed)																																																																																																																																													

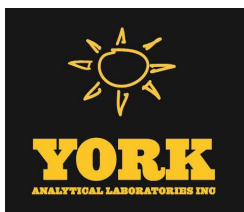
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
KWF-MW2S:GW(140-145')	10-30-14 8:40	GW	TCL VOCs - 8260	3x 40ml VOA w/HCl
KWF-MW2S(112-113')	" 10:55	S		3x Fincore, 1x 202
~~KWF-MW2S(110-115') (2)~~				
KWF-MW2S:GW(110-115')	" 13:20	GW		3x 40ml VOA w/HCl
KWF-MW4R(199-200')	10-31-14 12:05	S		3x Fincore, 1x 202
KWF-MW4R:GW(199-200')	" 12:35	GW		3x 40ml VOA w/HCl
KWF-MW4R(167-177')	" 13:25	S		3x Fincore, 1x 202
KWF-MW4R:GW(167-172')	" 14:00	S		3x 40ml VOA w/HCl
TRIP BLANK		DI		2x 40ml VOA w/HCl

Comments	Preservation		Check those Applicable				Temperature on Receipt			
	4°C	Frozen	ZnAc	HCl	MeOH	Ascorbic Acid	HNO ₃	H ₂ SO ₄	NaOH	
	☒				☒					
	Special Instructions									
	Field Filtered ☐ Lab to Filter ☐									
	Q:11 Q15		10-31-14		14:30		Chic 10-31-14 14:30			
	Samples Relinquished By		Date/Time		Date/Time		Samples Received By			
							T. Hinkle 10/31/14 1610			
	Samples Relinquished By		Date/Time		Date/Time		Samples Received in LAB by			



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Will Olsen

Report Date: 11/07/2014

Client Project ID: 41433.00 TASK 0200 KATONAH

York Project (SDG) No.: 14J1219

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 30, 2014 and listed below. The project was identified as your project: **41433.00 TASK 0200 KATONAH**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14J1219-01	KWF-MW2S:GW(197-200')	Water	10/29/2014	10/30/2014
14J1219-02	KWF-MW2S:(170-171')	Soil	10/29/2014	10/30/2014
14J1219-03	KWF-MW2S:GW(166-171')	Water	10/29/2014	10/30/2014
14J1219-04	KWF-MW2S:(141-142')	Soil	10/29/2014	10/30/2014
14J1219-05	TRIP BLANK	Water	10/29/2014	10/30/2014

General Notes for York Project (SDG) No.: 14J1219

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/07/2014





Sample Information

Client Sample ID: KWF-MW2S:GW(197-200')

York Sample ID: 14J1219-01

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Water

Collection Date/Time

October 29, 2014 10:35 am

Date Received

10/30/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
78-93-3	2-Butanone	8.1	CCV-E	ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
67-64-1	Acetone	25		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
71-43-2	Benzene	0.30	J	ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS



Sample Information

Client Sample ID: KWF-MW2S:GW(197-200')

York Sample ID: 14J1219-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1219

41433.00 TASK 0200 KATONAH

Water

October 29, 2014 10:35 am

10/30/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %	69-130								
2037-26-5	Surrogate: Toluene-d8	94.8 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	97.3 %	79-122								

Sample Information

Client Sample ID: KWF-MW2S:(170-171')

York Sample ID: 14J1219-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1219

41433.00 TASK 0200 KATONAH

Soil

October 29, 2014 11:50 am

10/30/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	0.019		mg/kg dry	0.0058	0.012	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS



Sample Information

Client Sample ID: KWF-MW2S:(170-171')

York Sample ID: 14J1219-02

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Soil

Collection Date/Time

October 29, 2014 11:50 am

Date Received

10/30/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
78-93-3	2-Butanone	0.0043	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-09-2	Methylene chloride	0.010	J	mg/kg dry	0.0058	0.012	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS



Sample Information

Client Sample ID: KWF-MW2S:(170-171')

York Sample ID: 14J1219-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1219

41433.00 TASK 0200 KATONAH

Soil

October 29, 2014 11:50 am

10/30/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	99.5 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.6 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.3		%	0.100	0.100	1	SM 2540G	11/05/2014 15:56	11/06/2014 14:12	SCA

Sample Information

Client Sample ID: KWF-MW2S:GW(166-171')

York Sample ID: 14J1219-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1219

41433.00 TASK 0200 KATONAH

Water

October 29, 2014 1:05 pm

10/30/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: KWF-MW2S:GW(166-171')

York Sample ID: 14J1219-03

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Water

Collection Date/Time

October 29, 2014 1:05 pm

Date Received

10/30/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
78-93-3	2-Butanone	2.4	CCV-E	ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
67-64-1	Acetone	4.7		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
75-27-4	Bromodichloromethane	2.6		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
67-66-3	Chloroform	26		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS



Sample Information

Client Sample ID: KWF-MW2S:GW(166-171')

York Sample ID: 14J1219-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1219

41433.00 TASK 0200 KATONAH

Water

October 29, 2014 1:05 pm

10/30/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
108-88-3	Toluene	0.47	J	ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %		69-130							
2037-26-5	Surrogate: Toluene-d8	97.4 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	99.0 %		79-122							

Sample Information

Client Sample ID: KWF-MW2S:(141-142')

York Sample ID: 14J1219-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1219

41433.00 TASK 0200 KATONAH

Soil

October 29, 2014 2:55 pm

10/30/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	0.0060	J	mg/kg dry	0.0056	0.011	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS



Sample Information

Client Sample ID: KWF-MW2S:(141-142')

York Sample ID: 14J1219-04

York Project (SDG) No.
14J1219

Client Project ID
41433.00 TASK 0200 KATONAH

Matrix
Soil

Collection Date/Time
October 29, 2014 2:55 pm

Date Received
10/30/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-09-2	Methylene chloride	0.010	J	mg/kg dry	0.0056	0.011	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS



Sample Information

Client Sample ID: KWF-MW2S:(141-142')

York Sample ID: 14J1219-04

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Soil

Collection Date/Time

October 29, 2014 2:55 pm

Date Received

10/30/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
Surrogate Recoveries		Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	93.5 %				76-130					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %				77-125					
2037-26-5	Surrogate: Toluene-d8	101 %				85-120					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	79.5		%	0.100	0.100	1	SM 2540G	11/05/2014 15:56	11/06/2014 14:12	SCA

Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14J1219-05

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Water

Collection Date/Time

October 29, 2014 3:00 pm

Date Received

10/30/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14J1219-05

York Project (SDG) No.
14J1219

Client Project ID
41433.00 TASK 0200 KATONAH

Matrix
Water

Collection Date/Time
October 29, 2014 3:00 pm

Date Received
10/30/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14J1219-05

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Water

Collection Date/Time

October 29, 2014 3:00 pm

Date Received

10/30/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	69-130								
2037-26-5	Surrogate: Toluene-d8	95.6 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	105 %	79-122								



Analytical Batch Summary

Batch ID: BK40188

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
14J1219-01	KWF-MW2S:GW(197-200')	11/05/14
14J1219-03	KWF-MW2S:GW(166-171')	11/05/14
14J1219-05	TRIP BLANK	11/05/14
BK40188-BLK1	Blank	11/05/14
BK40188-BS1	LCS	11/05/14
BK40188-BSD1	LCS Dup	11/05/14

Batch ID: BK40191

Preparation Method: % Solids Prep

Prepared By: KK

YORK Sample ID	Client Sample ID	Preparation Date
14J1219-02	KWF-MW2S:(170-171')	11/05/14
14J1219-04	KWF-MW2S:(141-142')	11/05/14
BK40191-DUP1	Duplicate	11/05/14

Batch ID: BK40255

Preparation Method: EPA 5035A

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
14J1219-02	KWF-MW2S:(170-171')	11/06/14
14J1219-04	KWF-MW2S:(141-142')	11/06/14
BK40255-BLK1	Blank	11/06/14
BK40255-BS1	LCS	11/06/14
BK40255-BSD1	LCS Dup	11/06/14
BK40255-MS1	Matrix Spike	11/06/14
BK40255-MSD1	Matrix Spike Dup	11/06/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40188 - EPA 5030B

Blank (BK40188-BLK1)

Prepared: 11/05/2014 Analyzed: 11/06/2014

1,1,1-Trichloroethane	ND	0.50	ug/L
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,4-Trichlorobenzene	0.50	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	ND	2.0	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
Styrene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40188 - EPA 5030B

Blank (BK40188-BLK1)

Prepared: 11/05/2014 Analyzed: 11/06/2014

Xylenes, Total	ND	1.5	ug/L								
Surrogate: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: p-Bromofluorobenzene	9.63		"	10.0		96.3	79-122				

LCS (BK40188-BS1)

Prepared: 11/05/2014 Analyzed: 11/06/2014

1,1,1-Trichloroethane	12		ug/L	10.0		123	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		118	54-165				
1,1,2-Trichloroethane	11		"	10.0		108	82-123				
1,1-Dichloroethane	12		"	10.0		119	82-129				
1,1-Dichloroethylene	12		"	10.0		118	68-138				
1,2,3-Trichlorobenzene	11		"	10.0		112	76-136				
1,2,4-Trichlorobenzene	10		"	10.0		102	76-137				
1,2-Dibromo-3-chloropropane	12		"	10.0		122	45-147				
1,2-Dibromoethane	11		"	10.0		107	83-124				
1,2-Dichlorobenzene	10		"	10.0		103	79-123				
1,2-Dichloroethane	11		"	10.0		108	73-132				
1,2-Dichloropropane	11		"	10.0		110	78-126				
1,3-Dichlorobenzene	11		"	10.0		105	86-122				
1,4-Dichlorobenzene	10		"	10.0		105	85-124				
2-Butanone	9.6		"	10.0		95.5	49-152				
2-Hexanone	10		"	10.0		101	51-146				
4-Methyl-2-pentanone	11		"	10.0		108	57-145				
Acetone	10		"	10.0		100	14-150				
Benzene	12		"	10.0		117	85-126				
Bromochloromethane	10		"	10.0		100	77-128				
Bromodichloromethane	11		"	10.0		110	79-128				
Bromoform	10		"	10.0		103	78-133				
Bromomethane	9.6		"	10.0		95.5	43-168				
Carbon disulfide	12		"	10.0		116	68-146				
Carbon tetrachloride	13		"	10.0		127	77-141				
Chlorobenzene	11		"	10.0		111	88-120				
Chloroethane	11		"	10.0		110	65-136				
Chloroform	11		"	10.0		112	82-128				
Chloromethane	11		"	10.0		111	43-155				
cis-1,2-Dichloroethylene	12		"	10.0		117	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		105	80-131				
Cyclohexane	12		"	10.0		125	63-149				
Dibromochloromethane	11		"	10.0		109	80-130				
Dichlorodifluoromethane	9.8		"	10.0		98.2	44-144				
Ethyl Benzene	12		"	10.0		116	80-131				
Isopropylbenzene	12		"	10.0		118	76-140				
Methyl acetate	8.2		"	10.0		82.1	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		109	76-135				
Methylcyclohexane	12		"	10.0		121	72-143				
Methylene chloride	11		"	10.0		112	55-137				
o-Xylene	11		"	10.0		111	78-130				
p- & m- Xylenes	22		"	20.0		112	77-133				
Styrene	11		"	10.0		108	67-132				
Tetrachloroethylene	11		"	10.0		113	82-131				
Toluene	11		"	10.0		110	80-127				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40188 - EPA 5030B											
LCS (BK40188-BS1)						Prepared: 11/05/2014 Analyzed: 11/06/2014					
trans-1,2-Dichloroethylene	12		ug/L	10.0		119	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		108	78-131				
Trichloroethylene	12		"	10.0		119	82-128				
Trichlorofluoromethane	11		"	10.0		114	67-139				
Vinyl Chloride	11		"	10.0		112	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.80</i>		<i>"</i>	<i>10.0</i>		<i>98.0</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>79-122</i>				
LCS Dup (BK40188-BSD1)						Prepared: 11/05/2014 Analyzed: 11/06/2014					
1,1,1-Trichloroethane	11		ug/L	10.0		113	78-136		8.55	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		100	76-129		1.19	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		120	54-165		1.60	30	
1,1,2-Trichloroethane	10		"	10.0		100	82-123		7.57	30	
1,1-Dichloroethane	12		"	10.0		117	82-129		1.78	30	
1,1-Dichloroethylene	11		"	10.0		113	68-138		4.33	30	
1,2,3-Trichlorobenzene	11		"	10.0		107	76-136		5.03	30	
1,2,4-Trichlorobenzene	9.8		"	10.0		97.8	76-137		4.69	30	
1,2-Dibromo-3-chloropropane	12		"	10.0		116	45-147		4.46	30	
1,2-Dibromoethane	10		"	10.0		102	83-124		4.39	30	
1,2-Dichlorobenzene	9.6		"	10.0		96.1	79-123		7.32	30	
1,2-Dichloroethane	10		"	10.0		105	73-132		3.19	30	
1,2-Dichloropropane	11		"	10.0		106	78-126		4.07	30	
1,3-Dichlorobenzene	10		"	10.0		100	86-122		5.06	30	
1,4-Dichlorobenzene	10		"	10.0		100	85-124		4.38	30	
2-Butanone	10		"	10.0		101	49-152		5.30	30	
2-Hexanone	11		"	10.0		112	51-146		9.68	30	
4-Methyl-2-pentanone	11		"	10.0		111	57-145		2.37	30	
Acetone	13		"	10.0		125	14-150		22.3	30	
Benzene	11		"	10.0		112	85-126		4.81	30	
Bromochloromethane	10		"	10.0		104	77-128		3.42	30	
Bromodichloromethane	11		"	10.0		108	79-128		1.56	30	
Bromoform	10		"	10.0		103	78-133		0.00	30	
Bromomethane	9.3		"	10.0		93.0	43-168		2.65	30	
Carbon disulfide	11		"	10.0		111	68-146		4.15	30	
Carbon tetrachloride	12		"	10.0		122	77-141		3.70	30	
Chlorobenzene	11		"	10.0		108	88-120		3.20	30	
Chloroethane	10		"	10.0		103	65-136		6.50	30	
Chloroform	11		"	10.0		109	82-128		2.71	30	
Chloromethane	10		"	10.0		105	43-155		5.75	30	
cis-1,2-Dichloroethylene	11		"	10.0		112	83-129		4.38	30	
cis-1,3-Dichloropropylene	9.9		"	10.0		99.1	80-131		6.07	30	
Cyclohexane	11		"	10.0		113	63-149		10.2	30	
Dibromochloromethane	11		"	10.0		110	80-130		1.28	30	
Dichlorodifluoromethane	9.1		"	10.0		91.2	44-144		7.39	30	
Ethyl Benzene	11		"	10.0		113	80-131		2.45	30	
Isopropylbenzene	11		"	10.0		111	76-140		5.68	30	
Methyl acetate	8.0		"	10.0		79.6	51-139		3.09	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		110	76-135		0.912	30	
Methylcyclohexane	12		"	10.0		117	72-143		3.10	30	
Methylene chloride	11		"	10.0		109	55-137		2.80	30	
o-Xylene	11		"	10.0		110	78-130		0.812	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40188 - EPA 5030B

LCS Dup (BK40188-BSD1)

Prepared: 11/05/2014 Analyzed: 11/06/2014

p- & m- Xylenes	21		ug/L	20.0		106	77-133		5.37	30
Styrene	11		"	10.0		109	67-132		1.20	30
Tetrachloroethylene	11		"	10.0		109	82-131		3.61	30
Toluene	11		"	10.0		107	80-127		2.30	30
trans-1,2-Dichloroethylene	12		"	10.0		115	80-132		3.67	30
trans-1,3-Dichloropropylene	10		"	10.0		101	78-131		7.19	30
Trichloroethylene	12		"	10.0		116	82-128		3.15	30
Trichlorofluoromethane	11		"	10.0		111	67-139		2.22	30
Vinyl Chloride	10		"	10.0		104	58-145		7.47	30
Surrogate: 1,2-Dichloroethane-d4	9.80		"	10.0		98.0	69-130			
Surrogate: Toluene-d8	10.0		"	10.0		100	81-117			
Surrogate: p-Bromofluorobenzene	9.42		"	10.0		94.2	79-122			

Batch BK40255 - EPA 5035A

Blank (BK40255-BLK1)

Prepared & Analyzed: 11/06/2014

Acetone	ND	0.010	mg/kg wet
Benzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
2-Butanone	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
Cyclohexane	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
Dichlorodifluoromethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
trans-1,3-Dichloropropylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
Ethyl Benzene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40255 - EPA 5035A

Blank (BK40255-BLK1)

Prepared & Analyzed: 11/06/2014

Methylene chloride	ND	0.010	mg/kg wet
4-Methyl-2-pentanone	ND	0.0050	"
Styrene	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Toluene	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichlorobenzene	0.0042	0.0050	"
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
Xylenes, Total	ND	0.015	"

<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.8</i>		<i>ug/L</i>	<i>50.0</i>	<i>97.5</i>	<i>76-130</i>
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.5</i>		<i>"</i>	<i>50.0</i>	<i>99.0</i>	<i>77-125</i>
<i>Surrogate: Toluene-d8</i>	<i>51.1</i>		<i>"</i>	<i>50.0</i>	<i>102</i>	<i>85-120</i>

LCS (BK40255-BS1)

Prepared & Analyzed: 11/06/2014

Acetone	46		ug/L	50.0	92.4	36-155
Benzene	53		"	50.0	107	77-127
Bromochloromethane	54		"	50.0	108	74-129
Bromodichloromethane	54		"	50.0	108	81-124
Bromoform	55		"	50.0	109	80-136
Bromomethane	33		"	50.0	66.6	32-177
2-Butanone	50		"	50.0	100	58-147
Carbon disulfide	55		"	50.0	110	10-136
Carbon tetrachloride	54		"	50.0	109	66-143
Chlorobenzene	53		"	50.0	105	86-120
Chloroethane	45		"	50.0	89.8	51-142
Chloroform	52		"	50.0	104	76-131
Chloromethane	45		"	50.0	90.0	49-132
Cyclohexane	49		"	50.0	98.6	70-130
1,2-Dibromo-3-chloropropane	58		"	50.0	115	74-142
Dibromochloromethane	53		"	50.0	106	10-200
1,2-Dibromoethane	53		"	50.0	105	86-123
1,2-Dichlorobenzene	56		"	50.0	112	85-122
1,3-Dichlorobenzene	53		"	50.0	106	84-124
1,4-Dichlorobenzene	54		"	50.0	107	84-124
Dichlorodifluoromethane	45		"	50.0	90.4	28-158
1,1-Dichloroethane	54		"	50.0	108	75-130
1,2-Dichloroethane	53		"	50.0	106	71-133
1,1-Dichloroethylene	50		"	50.0	99.0	64-137
trans-1,2-Dichloroethylene	53		"	50.0	107	72-132
cis-1,2-Dichloroethylene	53		"	50.0	105	74-132
1,2-Dichloropropane	54		"	50.0	108	81-122
trans-1,3-Dichloropropylene	52		"	50.0	104	78-132
cis-1,3-Dichloropropylene	54		"	50.0	108	81-129
1,4-Dioxane	990		"	1000	99.4	10-228



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40255 - EPA 5035A

LCS (BK40255-BS1)

Prepared & Analyzed: 11/06/2014

Ethyl Benzene	52		ug/L	50.0		104	84-125				
2-Hexanone	56		"	50.0		112	70-139				
Isopropylbenzene	49		"	50.0		98.9	81-127				
Methyl acetate	49		"	50.0		97.1	41-143				
Methyl tert-butyl ether (MTBE)	53		"	50.0		105	74-131				
Methylcyclohexane	53		"	50.0		107	70-130				
Methylene chloride	56		"	50.0		112	57-141				
4-Methyl-2-pentanone	45		"	50.0		89.0	72-132				
Styrene	56		"	50.0		113	86-126				
1,1,2,2-Tetrachloroethane	58		"	50.0		117	79-129				
Tetrachloroethylene	51		"	50.0		102	80-129				
Toluene	52		"	50.0		104	85-121				
1,2,4-Trichlorobenzene	61		"	50.0		121	80-141				
1,2,3-Trichlorobenzene	61		"	50.0		122	81-140				
1,1,1-Trichloroethane	54		"	50.0		109	71-137				
1,1,2-Trichloroethane	51		"	50.0		102	83-123				
Trichloroethylene	51		"	50.0		102	84-123				
Trichlorofluoromethane	50		"	50.0		100	62-140				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		100	58-146				
Vinyl Chloride	48		"	50.0		95.5	52-130				
o-Xylene	56		"	50.0		112	83-123				
p- & m- Xylenes	99		"	100		99.0	82-128				
Surrogate: p-Bromofluorobenzene	49.1		"	50.0		98.2	76-130				
Surrogate: 1,2-Dichloroethane-d4	50.2		"	50.0		100	77-125				
Surrogate: Toluene-d8	47.8		"	50.0		95.6	85-120				

LCS Dup (BK40255-BSD1)

Prepared & Analyzed: 11/06/2014

Acetone	45		ug/L	50.0		89.4	36-155		3.37	30	
Benzene	55		"	50.0		110	77-127		3.08	30	
Bromochloromethane	55		"	50.0		109	74-129		1.62	30	
Bromodichloromethane	53		"	50.0		106	81-124		1.57	30	
Bromoform	51		"	50.0		101	80-136		7.35	30	
Bromomethane	34		"	50.0		67.3	32-177		0.956	30	
2-Butanone	48		"	50.0		96.2	58-147		4.01	30	
Carbon disulfide	54		"	50.0		109	10-136		0.970	30	
Carbon tetrachloride	53		"	50.0		106	66-143		2.57	30	
Chlorobenzene	52		"	50.0		104	86-120		1.49	30	
Chloroethane	47		"	50.0		94.0	51-142		4.57	30	
Chloroform	52		"	50.0		104	76-131		0.250	30	
Chloromethane	46		"	50.0		92.0	49-132		2.18	30	
Cyclohexane	49		"	50.0		98.1	70-130		0.488	30	
1,2-Dibromo-3-chloropropane	49		"	50.0		97.6	74-142		16.8	30	
Dibromochloromethane	55		"	50.0		110	10-200		3.62	30	
1,2-Dibromoethane	52		"	50.0		104	86-123		0.972	30	
1,2-Dichlorobenzene	53		"	50.0		106	85-122		5.12	30	
1,3-Dichlorobenzene	52		"	50.0		104	84-124		2.69	30	
1,4-Dichlorobenzene	50		"	50.0		99.4	84-124		7.55	30	
Dichlorodifluoromethane	48		"	50.0		95.8	28-158		5.74	30	
1,1-Dichloroethane	55		"	50.0		111	75-130		2.83	30	
1,2-Dichloroethane	54		"	50.0		109	71-133		2.01	30	
1,1-Dichloroethylene	53		"	50.0		106	64-137		6.70	30	
trans-1,2-Dichloroethylene	54		"	50.0		108	72-132		0.840	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40255 - EPA 5035A

LCS Dup (BK40255-BSD1)

Prepared & Analyzed: 11/06/2014

cis-1,2-Dichloroethylene	54		ug/L	50.0		107	74-132		1.86	30	
1,2-Dichloropropane	51		"	50.0		102	81-122		6.15	30	
trans-1,3-Dichloropropylene	51		"	50.0		102	78-132		1.93	30	
cis-1,3-Dichloropropylene	54		"	50.0		107	81-129		0.466	30	
1,4-Dioxane	940		"	1000		94.4	10-228		5.17	30	
Ethyl Benzene	50		"	50.0		101	84-125		2.84	30	
2-Hexanone	50		"	50.0		100	70-139		11.2	30	
Isopropylbenzene	49		"	50.0		97.3	81-127		1.65	30	
Methyl acetate	51		"	50.0		102	41-143		4.51	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		108	74-131		2.10	30	
Methylcyclohexane	48		"	50.0		96.8	70-130		9.83	30	
Methylene chloride	59		"	50.0		117	57-141		4.86	30	
4-Methyl-2-pentanone	45		"	50.0		90.8	72-132		1.98	30	
Styrene	55		"	50.0		111	86-126		1.65	30	
1,1,2,2-Tetrachloroethane	52		"	50.0		103	79-129		12.3	30	
Tetrachloroethylene	48		"	50.0		96.9	80-129		5.23	30	
Toluene	53		"	50.0		106	85-121		2.46	30	
1,2,4-Trichlorobenzene	54		"	50.0		107	80-141		12.4	30	
1,2,3-Trichlorobenzene	53		"	50.0		107	81-140		13.2	30	
1,1,1-Trichloroethane	53		"	50.0		107	71-137		1.91	30	
1,1,2-Trichloroethane	52		"	50.0		104	83-123		2.00	30	
Trichloroethylene	53		"	50.0		106	84-123		3.35	30	
Trichlorofluoromethane	50		"	50.0		99.5	62-140		0.461	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	58-146		2.16	30	
Vinyl Chloride	48		"	50.0		95.2	52-130		0.357	30	
o-Xylene	54		"	50.0		109	83-123		2.36	30	
p- & m- Xylenes	100		"	100		105	82-128		5.51	30	
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.6</i>		<i>"</i>	<i>50.0</i>		<i>97.1</i>	<i>76-130</i>				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>48.9</i>		<i>"</i>	<i>50.0</i>		<i>97.8</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.9</i>		<i>"</i>	<i>50.0</i>		<i>99.9</i>	<i>85-120</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40255 - EPA 5035A											
Matrix Spike (BK40255-MS1)	*Source sample: 14J1219-04 (KWF-MW2S:(141-142'))						Prepared: 11/06/2014 Analyzed: 11/07/2014				
Acetone	150		ug/L	50.0	4.2	295	10-196	High Bias			
Benzene	81		"	50.0	ND	162	43-139	High Bias			
Bromochloromethane	94		"	50.0	ND	189	38-145	High Bias			
Bromodichloromethane	75		"	50.0	ND	149	38-147	High Bias			
Bromoform	70		"	50.0	ND	140	29-156				
Bromomethane	50		"	50.0	ND	101	10-166				
2-Butanone	110		"	50.0	ND	223	10-189	High Bias			
Carbon disulfide	75		"	50.0	ND	150	10-131	High Bias			
Carbon tetrachloride	76		"	50.0	ND	151	35-145	High Bias			
Chlorobenzene	73		"	50.0	ND	145	21-154				
Chloroethane	71		"	50.0	ND	143	15-160				
Chloroform	88		"	50.0	ND	175	47-142	High Bias			
Chloromethane	73		"	50.0	ND	147	10-159				
Cyclohexane	75		"	50.0	ND	149	70-130	High Bias			
1,2-Dibromo-3-chloropropane	78		"	50.0	ND	155	36-138	High Bias			
Dibromochloromethane	79		"	50.0	ND	158	10-179				
1,2-Dibromoethane	82		"	50.0	ND	163	40-142	High Bias			
1,2-Dichlorobenzene	61		"	50.0	ND	122	10-147				
1,3-Dichlorobenzene	56		"	50.0	ND	113	10-144				
1,4-Dichlorobenzene	57		"	50.0	ND	114	10-160				
Dichlorodifluoromethane	68		"	50.0	ND	135	10-145				
1,1-Dichloroethane	87		"	50.0	ND	175	46-142	High Bias			
1,2-Dichloroethane	87		"	50.0	ND	173	48-133	High Bias			
1,1-Dichloroethylene	84		"	50.0	ND	168	30-153	High Bias			
trans-1,2-Dichloroethylene	80		"	50.0	ND	160	29-153	High Bias			
cis-1,2-Dichloroethylene	84		"	50.0	ND	168	42-144	High Bias			
1,2-Dichloropropane	82		"	50.0	ND	165	47-141	High Bias			
trans-1,3-Dichloropropylene	62		"	50.0	ND	124	18-155				
cis-1,3-Dichloropropylene	61		"	50.0	ND	123	18-159				
1,4-Dioxane	1800		"	1000	ND	184	10-191				
Ethyl Benzene	71		"	50.0	ND	141	11-158				
2-Hexanone	90		"	50.0	ND	181	10-181				
Isopropylbenzene	62		"	50.0	ND	123	10-162				
Methyl acetate	87		"	50.0	ND	174	10-149	High Bias			
Methyl tert-butyl ether (MTBE)	100		"	50.0	ND	202	42-152	High Bias			
Methylcyclohexane	67		"	50.0	ND	133	70-130	High Bias			
Methylene chloride	99		"	50.0	6.9	184	28-151	High Bias			
4-Methyl-2-pentanone	75		"	50.0	ND	151	10-166				
Styrene	68		"	50.0	ND	137	13-171				
1,1,2,2-Tetrachloroethane	48		"	50.0	ND	95.8	16-167				
Tetrachloroethylene	100		"	50.0	ND	207	30-167	High Bias			
Toluene	78		"	50.0	ND	156	21-160				
1,2,4-Trichlorobenzene	45		"	50.0	ND	89.7	10-151				
1,2,3-Trichlorobenzene	52		"	50.0	ND	104	10-157				
1,1,1-Trichloroethane	84		"	50.0	ND	168	42-145	High Bias			
1,1,2-Trichloroethane	84		"	50.0	ND	168	44-145	High Bias			
Trichloroethylene	100		"	50.0	ND	203	24-169	High Bias			
Trichlorofluoromethane	76		"	50.0	ND	151	35-142	High Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	79		"	50.0	ND	158	11-160				
Vinyl Chloride	70		"	50.0	ND	140	12-160				
o-Xylene	72		"	50.0	ND	144	10-158				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40255 - EPA 5035A											
Matrix Spike (BK40255-MS1)	*Source sample: 14J1219-04 (KWF-MW2S:(141-142'))						Prepared: 11/06/2014 Analyzed: 11/07/2014				
p- & m- Xylenes	140		ug/L	100	ND	144	10-156				
Surrogate: p-Bromofluorobenzene	50.1		"	50.0		100	70-130				
Surrogate: 1,2-Dichloroethane-d4	54.8		"	50.0		110	77-125				
Surrogate: Toluene-d8	48.9		"	50.0		97.7	85-120				
Matrix Spike Dup (BK40255-MSD1)	*Source sample: 14J1219-04 (KWF-MW2S:(141-142'))						Prepared: 11/06/2014 Analyzed: 11/07/2014				
Acetone	130		ug/L	50.0	5.8	245	10-196	High Bias	16.5	150	
Benzene	80		"	50.0	ND	161	43-139	High Bias	0.879	64	
Bromochloromethane	86		"	50.0	ND	172	38-145	High Bias	9.19	30	
Bromodichloromethane	75		"	50.0	ND	150	38-147	High Bias	0.402	37	
Bromoform	77		"	50.0	ND	154	29-156		9.90	51	
Bromomethane	54		"	50.0	ND	107	10-166		6.21	42	
2-Butanone	98		"	50.0	ND	196	10-189	High Bias	12.6	67	
Carbon disulfide	75		"	50.0	ND	149	10-131	High Bias	0.601	36	
Carbon tetrachloride	76		"	50.0	ND	152	35-145	High Bias	0.237	31	
Chlorobenzene	76		"	50.0	ND	152	21-154		4.32	32	
Chloroethane	72		"	50.0	ND	145	15-160		1.28	40	
Chloroform	86		"	50.0	ND	172	47-142	High Bias	1.74	29	
Chloromethane	70		"	50.0	ND	141	10-159		3.98	31	
Cyclohexane	74		"	50.0	ND	149	70-130	High Bias	0.282	30	
1,2-Dibromo-3-chloropropane	80		"	50.0	ND	160	36-138	High Bias	3.20	54	
Dibromochloromethane	78		"	50.0	ND	156	10-179		0.955	41	
1,2-Dibromoethane	81		"	50.0	ND	161	40-142	High Bias	1.39	39	
1,2-Dichlorobenzene	70		"	50.0	ND	141	10-147		14.0	52	
1,3-Dichlorobenzene	66		"	50.0	ND	132	10-144		16.2	51	
1,4-Dichlorobenzene	63		"	50.0	ND	126	10-160		9.95	52	
Dichlorodifluoromethane	67		"	50.0	ND	135	10-145		0.519	34	
1,1-Dichloroethane	85		"	50.0	ND	170	46-142	High Bias	2.84	36	
1,2-Dichloroethane	80		"	50.0	ND	159	48-133	High Bias	8.60	32	
1,1-Dichloroethylene	82		"	50.0	ND	163	30-153	High Bias	2.66	31	
trans-1,2-Dichloroethylene	76		"	50.0	ND	151	29-153		5.82	30	
cis-1,2-Dichloroethylene	83		"	50.0	ND	165	42-144	High Bias	1.86	30	
1,2-Dichloropropane	85		"	50.0	ND	169	47-141	High Bias	2.74	37	
trans-1,3-Dichloropropylene	65		"	50.0	ND	130	18-155		4.23	30	
cis-1,3-Dichloropropylene	67		"	50.0	ND	133	18-159		7.95	39	
1,4-Dioxane	1600		"	1000	ND	156	10-191		16.7	196	
Ethyl Benzene	74		"	50.0	ND	149	11-158		5.16	42	
2-Hexanone	90		"	50.0	ND	179	10-181		0.922	60	
Isopropylbenzene	75		"	50.0	ND	149	10-162		18.9	57	
Methyl acetate	73		"	50.0	ND	145	10-149		17.8	64	
Methyl tert-butyl ether (MTBE)	86		"	50.0	ND	172	42-152	High Bias	15.8	47	
Methylcyclohexane	73		"	50.0	ND	145	70-130	High Bias	8.63	30	
Methylene chloride	91		"	50.0	9.6	162	28-151	High Bias	8.42	49	
4-Methyl-2-pentanone	68		"	50.0	ND	136	10-166		9.84	47	
Styrene	74		"	50.0	ND	147	13-171		7.32	39	
1,1,2,2-Tetrachloroethane	52		"	50.0	ND	105	16-167		8.99	56	
Tetrachloroethylene	110		"	50.0	ND	224	30-167	High Bias	8.06	33	
Toluene	77		"	50.0	ND	154	21-160		1.35	50	
1,2,4-Trichlorobenzene	54		"	50.0	ND	108	10-151		18.6	52	
1,2,3-Trichlorobenzene	61		"	50.0	ND	122	10-157		16.0	47	
1,1,1-Trichloroethane	82		"	50.0	ND	163	42-145	High Bias	3.02	30	
1,1,2-Trichloroethane	84		"	50.0	ND	167	44-145	High Bias	0.465	40	



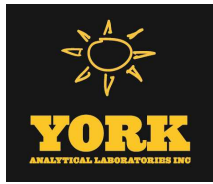
Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40255 - EPA 5035A

Matrix Spike Dup (BK40255-MSD1)	*Source sample: 14J1219-04 (KWF-MW2S:(141-142'))						Prepared: 11/06/2014 Analyzed: 11/07/2014				
Trichloroethylene	99		ug/L	50.0	ND	197	24-169	High Bias	2.78	30	
Trichlorofluoromethane	73		"	50.0	ND	146	35-142	High Bias	3.17	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76		"	50.0	ND	152	11-160		4.01	31	
Vinyl Chloride	73		"	50.0	ND	145	12-160		4.03	35	
o-Xylene	77		"	50.0	ND	153	10-158		6.04	51	
p- & m- Xylenes	150		"	100	ND	148	10-156		2.94	47	
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.3</i>		<i>"</i>	<i>50.0</i>		<i>98.5</i>	<i>70-130</i>				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>47.2</i>		<i>"</i>	<i>50.0</i>		<i>94.4</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>50.8</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>85-120</i>				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag

Batch BK40191 - % Solids Prep

Duplicate (BK40191-DUP1)		*Source sample: 14J1219-04 (KWF-MW2S:(141-142'))					Prepared: 11/05/2014 Analyzed: 11/06/2014				
% Solids	81.3	0.100	%		79.5			2.21	20		



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14J1219-01	KWF-MW2S:GW(197-200')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14J1219-02	KWF-MW2S:(170-171')	Encore Sampler
14J1219-03	KWF-MW2S:GW(166-171')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14J1219-04	KWF-MW2S:(141-142')	Encore Sampler
14J1219-05	TRIP BLANK	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

QM-D	A doubled spike volume was added to this sample.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.





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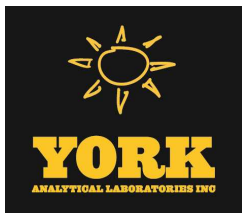
Field Chain-of-Custody Record

Page 1 of 1

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested. signature binds you to York's Std. Terms & Conditions.

York Project No. 1451219

YOUR Information Company: <u>Chazen</u> Address: <u>21 Fox Street</u> Phone No. <u>915-454-3980</u> Contact Person: <u>Will Olsen</u> E-Mail Address: <u>W.Olsen@chazen.com</u>		Report To: Company: <u>Chazen</u> Address: _____ Phone No. _____ Attention: <u>Will Olsen</u> E-Mail Address: _____		Invoice To: Company: <u>Chazen</u> Address: _____ Phone No. _____ Attention: <u>Acct. Payable</u> E-Mail Address: _____		YOUR Project ID <u>41433.00</u> <u>TASK 0200</u> <u>KATONAH</u> Purchase Order No. <u>P 16496</u>		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard(5-7 Days) ☒		Report Type Summary Report ☒ Summary w/ QA Summary ☐ CT RCP Package ☐ CTRCP DQA/DUE Pkg ☐ NY ASP A Package ☒ NY ASP B Package ☐ NJDEP Red. Deliv. ☐ <i>Electronic Data Deliverables (EDD)</i> Simple Excel ☒ NYSDEC EquIS ☐ EQulS (std) ☐ EZ-EDD (EQulS) ☐ NJDEP SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other _____ York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in): _____	
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.											
Signature: <u>Will G. Olsen</u> Name (printed): <u>Will G. Olsen</u> Samples Collected/Authorized By (Signature): _____ Name (printed): _____											
Sample Identification		Date/Time Sampled		Sample Matrix		Choose Analyses Needed from the Menu Above and Enter Below					
KWF-MW2S:GW(197-200')		10-29-14 10:35		GW		TCL VOCs - 8260					
KWF-MW2S:GW(170-171')		" 11:50		S		↓					
KWF-MW2S:GW(166-171')		" 13:05		GW		↓					
KWF-MW2S(141-142')		" 14:55		S		↓					
KWF-MW2S(141-142')-MS		" 14:55		S		↓					
KWF-MW2S(141-142')-MSD		" 14:55		S		↓					
TRIP BLANK				DI		↓					
Comments											
Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐										Temperature on Receipt 46 °C	



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Will Olsen

Report Date: 11/17/2014

Client Project ID: 41433.00 TASK 0200 KATONAH

York Project (SDG) No.: 14K0315

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 07, 2014 and listed below. The project was identified as your project: **41433.00 TASK 0200 KATONAH**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0315-01	KWF-WASTE SOIL	Soil	11/06/2014	11/07/2014
14K0315-02	KWF-WASTE WATER	Water	11/06/2014	11/07/2014

General Notes for York Project (SDG) No.: 14K0315

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/17/2014





Sample Information

Client Sample ID: KWF-WASTE SOIL

York Sample ID: 14K0315-01

York Project (SDG) No.

14K0315

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Soil

Collection Date/Time

November 6, 2014 3:30 pm

Date Received

11/07/2014

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.013	0.050	10	EPA 8260C/1311	11/14/2014 07:44	11/14/2014 18:03	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	0.0065	0.050	10	EPA 8260C/1311	11/14/2014 07:44	11/14/2014 18:03	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.0068	0.050	10	EPA 8260C/1311	11/14/2014 07:44	11/14/2014 18:03	BK
78-93-3	2-Butanone	ND		mg/L	0.026	0.10	10	EPA 8260C/1311	11/14/2014 07:44	11/14/2014 18:03	BK
71-43-2	Benzene	ND		mg/L	0.0048	0.050	10	EPA 8260C/1311	11/14/2014 07:44	11/14/2014 18:03	BK
56-23-5	Carbon tetrachloride	ND		mg/L	0.010	0.050	10	EPA 8260C/1311	11/14/2014 07:44	11/14/2014 18:03	BK
108-90-7	Chlorobenzene	ND		mg/L	0.0035	0.050	10	EPA 8260C/1311	11/14/2014 07:44	11/14/2014 18:03	BK
67-66-3	Chloroform	ND		mg/L	0.0036	0.050	10	EPA 8260C/1311	11/14/2014 07:44	11/14/2014 18:03	BK
127-18-4	Tetrachloroethylene	ND		mg/L	0.0052	0.050	10	EPA 8260C/1311	11/14/2014 07:44	11/14/2014 18:03	BK
79-01-6	Trichloroethylene	ND		mg/L	0.0057	0.050	10	EPA 8260C/1311	11/14/2014 07:44	11/14/2014 18:03	BK
75-01-4	Vinyl Chloride	ND		mg/L	0.0097	0.050	10	EPA 8260C/1311	11/14/2014 07:44	11/14/2014 18:03	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	81-123								
460-00-4	Surrogate: p-Bromofluorobenzene	95.8 %	70-128								
2037-26-5	Surrogate: Toluene-d8	102 %	88-114								

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1319-77-3	Cresols, total	ND		mg/L	0.00740	0.0300	1	EPA 8270D/1311	11/13/2014 05:45	11/13/2014 19:29	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00645	0.0100	1	EPA 8270D/1311	11/13/2014 05:45	11/13/2014 19:29	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00473	0.0100	1	EPA 8270D/1311	11/13/2014 05:45	11/13/2014 19:29	KH
118-74-1	Hexachlorobenzene	ND		mg/L	0.00591	0.0100	1	EPA 8270D/1311	11/13/2014 05:45	11/13/2014 19:29	KH
87-68-3	Hexachlorobutadiene	ND		mg/L	0.00662	0.0100	1	EPA 8270D/1311	11/13/2014 05:45	11/13/2014 19:29	KH
67-72-1	Hexachloroethane	ND		mg/L	0.00726	0.0100	1	EPA 8270D/1311	11/13/2014 05:45	11/13/2014 19:29	KH
95-48-7	2-Methylphenol	ND		mg/L	0.00171	0.0100	1	EPA 8270D/1311	11/13/2014 05:45	11/13/2014 19:29	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00743	0.0200	1	EPA 8270D/1311	11/13/2014 05:45	11/13/2014 19:29	KH
98-95-3	Nitrobenzene	ND		mg/L	0.00393	0.0100	1	EPA 8270D/1311	11/13/2014 05:45	11/13/2014 19:29	KH
87-86-5	Pentachlorophenol	ND		mg/L	0.00753	0.0100	1	EPA 8270D/1311	11/13/2014 05:45	11/13/2014 19:29	KH
110-86-1	Pyridine	ND		mg/L	0.00637	0.0100	1	EPA 8270D/1311	11/13/2014 05:45	11/13/2014 19:29	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00722	0.0100	1	EPA 8270D/1311	11/13/2014 05:45	11/13/2014 19:29	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00654	0.0100	1	EPA 8270D/1311	11/13/2014 05:45	11/13/2014 19:29	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	27.0 %	10-47								



Sample Information

Client Sample ID: KWF-WASTE SOIL

York Sample ID: 14K0315-01

York Project (SDG) No.

14K0315

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Soil

Collection Date/Time

November 6, 2014 3:30 pm

Date Received

11/07/2014

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	Surrogate: Phenol-d5	33.7 %			10-37						
4165-60-0	Surrogate: Nitrobenzene-d5	50.0 %			10-109						
321-60-8	Surrogate: 2-Fluorobiphenyl	38.8 %			10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	59.8 %			10-112						
1718-51-0	Surrogate: Terphenyl-d14	70.7 %			10-137						

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	1.05	1.05	1	EPA 8081B/1311	11/14/2014 10:55	11/14/2014 15:27	JW
72-43-5	Methoxychlor	ND		ug/L	0.105	0.105	1	EPA 8081B/1311	11/14/2014 10:55	11/14/2014 15:27	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0211	0.0211	1	EPA 8081B/1311	11/14/2014 10:55	11/14/2014 15:27	JW
76-44-8	Heptachlor	ND		ug/L	0.0211	0.0211	1	EPA 8081B/1311	11/14/2014 10:55	11/14/2014 15:27	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0211	0.0211	1	EPA 8081B/1311	11/14/2014 10:55	11/14/2014 15:27	JW
72-20-8	Endrin	ND		ug/L	0.0211	0.0211	1	EPA 8081B/1311	11/14/2014 10:55	11/14/2014 15:27	JW
57-74-9	Chlordane, total	ND		ug/L	0.0842	0.0842	1	EPA 8081B/1311	11/14/2014 10:55	11/14/2014 15:27	JW
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	59.5 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	72.0 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/12/2014 17:13	11/13/2014 16:36	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/12/2014 17:13	11/13/2014 16:36	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/12/2014 17:13	11/13/2014 16:36	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/12/2014 17:13	11/13/2014 16:36	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/12/2014 17:13	11/13/2014 16:36	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/12/2014 17:13	11/13/2014 16:36	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/12/2014 17:13	11/13/2014 16:36	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/12/2014 17:13	11/13/2014 16:36	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	78.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	62.0 %			30-140						



Sample Information

Client Sample ID: KWF-WASTE SOIL

York Sample ID: 14K0315-01

York Project (SDG) No.

14K0315

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Soil

Collection Date/Time

November 6, 2014 3:30 pm

Date Received

11/07/2014

Herbicides, TCLP Target List

Sample Prepared by Method: EPA 3535A/1311

Log-in Notes:

Sample Notes:

Sample Reported by National Instruments, Inc.											
CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A m/1311	11/13/2014 05:55	11/13/2014 10:43	JW
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A m/1311	11/13/2014 05:55	11/13/2014 10:43	JW
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (L 138 %				30-150						

Metals, TCLP RCRA

Sample Prepared by Method: EPA 3010A/1311

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/12/2014 15:30	11/13/2014 01:51	MW
7440-39-3	Barium	0.849		mg/L	0.010	0.010	1	EPA 6010C/1311	11/12/2014 15:30	11/13/2014 01:51	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/12/2014 15:30	11/13/2014 01:51	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/12/2014 15:30	11/13/2014 01:51	MW
7439-92-1	Lead	0.007		mg/L	0.003	0.003	1	EPA 6010C/1311	11/12/2014 15:30	11/13/2014 01:51	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/12/2014 15:30	11/13/2014 01:51	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/12/2014 15:30	11/13/2014 01:51	MW

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7473/1311	11/12/2014 07:20	11/12/2014 11:45	ALD

Ignitability

Sample Prepared by Method: Analysis Preparation

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/11/2014 10:28	11/11/2014 14:36	AA

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.3		%	0.100	0.100	1	SM 2540G	11/13/2014 17:49	11/14/2014 15:57	KK

Corrosivity

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: KWF-WASTE SOIL

York Sample ID: 14K0315-01

York Project (SDG) No.
14K0315

Client Project ID
41433.00 TASK 0200 KATONAH

Matrix
Soil

Collection Date/Time
November 6, 2014 3:30 pm

Date Received
11/07/2014

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.83	HT-pH	pH units		0.500	1	EPA 9045D	11/13/2014 11:55	11/13/2014 15:27	SCA

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	11/13/2014 08:39	11/13/2014 13:04	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	40.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	11/13/2014 08:43	11/13/2014 13:33	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/10/2014 17:30	11/11/2014 14:48	KK

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/10/2014 17:30	11/11/2014 14:47	KK

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311	11/10/2014 17:30	11/11/2014 14:46	KK

Sample Information

Client Sample ID: KWF-WASTE WATER

York Sample ID: 14K0315-02

York Project (SDG) No.
14K0315

Client Project ID
41433.00 TASK 0200 KATONAH

Matrix
Water

Collection Date/Time
November 6, 2014 3:45 pm

Date Received
11/07/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: KWF-WASTE WATER

York Sample ID: 14K0315-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0315

41433.00 TASK 0200 KATONAH

Water

November 6, 2014 3:45 pm

11/07/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
78-93-3	2-Butanone	2.6		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
67-64-1	Acetone	2.8	Cal-E, CCV-E	ug/L	1.0	2.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
75-27-4	Bromodichloromethane	0.46	J	ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS



Sample Information

Client Sample ID: KWF-WASTE WATER

York Sample ID: 14K0315-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0315

41433.00 TASK 0200 KATONAH

Water

November 6, 2014 3:45 pm

11/07/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
67-66-3	Chloroform	5.9		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
127-18-4	Tetrachloroethylene	1.9		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/13/2014 09:36	11/13/2014 21:20	SS



Sample Information

Client Sample ID: KWF-WASTE WATER

York Sample ID: 14K0315-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0315

41433.00 TASK 0200 KATONAH

Water

November 6, 2014 3:45 pm

11/07/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.6 %			69-130						
460-00-4	Surrogate: p-Bromofluorobenzene	98.2 %			79-122						
2037-26-5	Surrogate: Toluene-d8	101 %			81-117						



Analytical Batch Summary

Batch ID: BK40407 **Preparation Method:** EPA SW 846-1311 TCLP ext. for metz **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/10/14
BK40407-BLK1	Blank	11/10/14

Batch ID: BK40409 **Preparation Method:** EPA SW 846-1311 TCLP extr. for SV(**Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/10/14
BK40409-BLK1	Blank	11/10/14

Batch ID: BK40410 **Preparation Method:** EPA SW 846-1311 TCLP ZHE for VO **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/10/14
BK40410-BLK1	Blank	11/10/14

Batch ID: BK40453 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/11/14

Batch ID: BK40509 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/12/14
BK40509-BLK1	Blank	11/12/14
BK40509-SRM1	Reference	11/12/14

Batch ID: BK40542 **Preparation Method:** EPA 3550C **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/12/14
BK40542-BLK1	Blank	11/12/14
BK40542-BS2	LCS	11/12/14
BK40542-BSD2	LCS Dup	11/12/14

Batch ID: BK40554 **Preparation Method:** EPA 3010A/1311 **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/12/14
BK40554-BLK1	Blank	11/12/14
BK40554-BLK2	Blank	11/12/14



BK40554-SRM1

Reference

11/12/14

Batch ID: BK40577**Preparation Method:** EPA 3510C/1311**Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/13/14
BK40577-BLK1	Blank	11/13/14
BK40577-BS1	LCS	11/13/14
BK40577-BSD1	LCS Dup	11/13/14

Batch ID: BK40579**Preparation Method:** EPA 3535A/1311**Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/13/14
BK40579-BLK1	Blank	11/13/14
BK40579-BS1	LCS	11/13/14
BK40579-BSD1	LCS Dup	11/13/14

Batch ID: BK40593**Preparation Method:** Analysis Preparation**Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/13/14
BK40593-BLK1	Blank	11/13/14

Batch ID: BK40595**Preparation Method:** Analysis Preparation**Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/13/14
BK40595-BLK1	Blank	11/13/14
BK40595-BS1	LCS	11/13/14

Batch ID: BK40619**Preparation Method:** Analysis Preparation**Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/13/14

Batch ID: BK40632**Preparation Method:** EPA 5030B**Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-02	KWF-WASTE WATER	11/13/14
BK40632-BLK1	Blank	11/13/14
BK40632-BS1	LCS	11/13/14
BK40632-BSD1	LCS Dup	11/13/14

Batch ID: BK40659**Preparation Method:** % Solids Prep**Prepared By:** KK



YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/13/14

Batch ID: BK40689 **Preparation Method:** EPA 3510C/1311 **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/14/14
BK40689-BLK1	Blank	11/14/14
BK40689-BS1	LCS	11/14/14
BK40689-BSD1	LCS Dup	11/14/14

Batch ID: BK40710 **Preparation Method:** EPA 5030B/1311 **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0315-01	KWF-WASTE SOIL	11/14/14
BK40710-BLK1	Blank	11/14/14
BK40710-BLK2	Blank	11/14/14
BK40710-BS1	LCS	11/14/14
BK40710-BSD1	LCS Dup	11/14/14
BK40710-DUP1	Duplicate	11/14/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40632 - EPA 5030B

Blank (BK40632-BLK1)

Prepared & Analyzed: 11/13/2014

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	0.34	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	0.33	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Butanone	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	ND	2.0	"
Naphthalene	ND	2.0	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40632 - EPA 5030B

Blank (BK40632-BLK1)

Prepared & Analyzed: 11/13/2014

n-Butylbenzene	ND	0.50	ug/L
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: 1,2-Dichloroethane-d4	8.69	"	10.0	86.9	69-130
Surrogate: p-Bromofluorobenzene	10.3	"	10.0	103	79-122
Surrogate: Toluene-d8	10.2	"	10.0	102	81-117

LCS (BK40632-BS1)

Prepared & Analyzed: 11/13/2014

1,1,1,2-Tetrachloroethane	10.7	ug/L	10.0	107	82-126
1,1,1-Trichloroethane	9.59	"	10.0	95.9	78-136
1,1,2,2-Tetrachloroethane	10.6	"	10.0	106	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.25	"	10.0	92.5	54-165
1,1,2-Trichloroethane	11.2	"	10.0	112	82-123
1,1-Dichloroethane	9.16	"	10.0	91.6	82-129
1,1-Dichloroethylene	9.14	"	10.0	91.4	68-138
1,1-Dichloropropylene	9.28	"	10.0	92.8	83-133
1,2,3-Trichlorobenzene	10.9	"	10.0	109	76-136
1,2,3-Trichloropropane	9.05	"	10.0	90.5	77-128
1,2,4-Trichlorobenzene	10.5	"	10.0	105	76-137
1,2,4-Trimethylbenzene	9.87	"	10.0	98.7	82-132
1,2-Dibromo-3-chloropropane	9.66	"	10.0	96.6	45-147
1,2-Dibromoethane	11.1	"	10.0	111	83-124
1,2-Dichlorobenzene	10.1	"	10.0	101	79-123
1,2-Dichloroethane	9.75	"	10.0	97.5	73-132
1,2-Dichloropropane	10.8	"	10.0	108	78-126
1,3,5-Trimethylbenzene	9.36	"	10.0	93.6	80-131
1,3-Dichlorobenzene	10.3	"	10.0	103	86-122
1,3-Dichloropropane	10.4	"	10.0	104	81-125
1,4-Dichlorobenzene	9.57	"	10.0	95.7	85-124
2,2-Dichloropropane	10.1	"	10.0	101	56-150
2-Butanone	9.62	"	10.0	96.2	49-152
2-Chlorotoluene	9.17	"	10.0	91.7	79-130
2-Hexanone	10.6	"	10.0	106	51-146
4-Chlorotoluene	9.37	"	10.0	93.7	79-128
4-Methyl-2-pentanone	10.4	"	10.0	104	57-145
Acetone	6.18	"	10.0	61.8	14-150
Benzene	10.1	"	10.0	101	85-126
Bromobenzene	9.89	"	10.0	98.9	78-129
Bromochloromethane	9.94	"	10.0	99.4	77-128



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40632 - EPA 5030B

LCS (BK40632-BS1)

Prepared & Analyzed: 11/13/2014

Bromodichloromethane	10.1		ug/L	10.0		101	79-128				
Bromoform	11.4		"	10.0		114	78-133				
Bromomethane	10.9		"	10.0		109	43-168				
Carbon disulfide	8.87		"	10.0		88.7	68-146				
Carbon tetrachloride	9.48		"	10.0		94.8	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	9.29		"	10.0		92.9	65-136				
Chloroform	9.50		"	10.0		95.0	82-128				
Chloromethane	9.99		"	10.0		99.9	43-155				
cis-1,2-Dichloroethylene	9.82		"	10.0		98.2	83-129				
cis-1,3-Dichloropropylene	11.1		"	10.0		111	80-131				
Dibromochloromethane	11.3		"	10.0		113	80-130				
Dibromomethane	10.7		"	10.0		107	72-134				
Dichlorodifluoromethane	8.96		"	10.0		89.6	44-144				
Ethyl Benzene	10.4		"	10.0		104	80-131				
Hexachlorobutadiene	10.1		"	10.0		101	67-146				
Isopropylbenzene	9.10		"	10.0		91.0	76-140				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	76-135				
Methylene chloride	9.43		"	10.0		94.3	55-137				
Naphthalene	10.8		"	10.0		108	70-147				
n-Butylbenzene	10.0		"	10.0		100	79-132				
n-Propylbenzene	9.57		"	10.0		95.7	78-133				
o-Xylene	10.3		"	10.0		103	78-130				
p- & m- Xylenes	19.7		"	20.0		98.4	77-133				
p-Isopropyltoluene	10.1		"	10.0		101	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	10.2		"	10.0		102	67-132				
tert-Butylbenzene	9.71		"	10.0		97.1	77-138				
Tetrachloroethylene	10.5		"	10.0		105	82-131				
Toluene	10.0		"	10.0		100	80-127				
trans-1,2-Dichloroethylene	9.47		"	10.0		94.7	80-132				
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-131				
Trichloroethylene	10.3		"	10.0		103	82-128				
Trichlorofluoromethane	9.87		"	10.0		98.7	67-139				
Vinyl Chloride	8.57		"	10.0		85.7	58-145				
Surrogate: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: p-Bromofluorobenzene	9.58		"	10.0		95.8	79-122				
Surrogate: Toluene-d8	9.85		"	10.0		98.5	81-117				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40632 - EPA 5030B											
LCS Dup (BK40632-BSD1)						Prepared & Analyzed: 11/13/2014					
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		6.35	30	
1,1,1-Trichloroethane	8.51		"	10.0		85.1	78-136		11.9	30	
1,1,2,2-Tetrachloroethane	11.6		"	10.0		116	76-129		9.10	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.60		"	10.0		86.0	54-165		7.28	30	
1,1,2-Trichloroethane	10.6		"	10.0		106	82-123		6.05	30	
1,1-Dichloroethane	8.46		"	10.0		84.6	82-129		7.95	30	
1,1-Dichloroethylene	8.67		"	10.0		86.7	68-138		5.28	30	
1,1-Dichloropropylene	8.44		"	10.0		84.4	83-133		9.48	30	
1,2,3-Trichlorobenzene	11.7		"	10.0		117	76-136		7.53	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		16.5	30	
1,2,4-Trichlorobenzene	11.3		"	10.0		113	76-137		7.71	30	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132		5.61	30	
1,2-Dibromo-3-chloropropane	9.64		"	10.0		96.4	45-147		0.207	30	
1,2-Dibromoethane	9.98		"	10.0		99.8	83-124		10.4	30	
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123		4.07	30	
1,2-Dichloroethane	8.50		"	10.0		85.0	73-132		13.7	30	
1,2-Dichloropropane	10.0		"	10.0		100	78-126		7.38	30	
1,3,5-Trimethylbenzene	10.9		"	10.0		109	80-131		14.9	30	
1,3-Dichlorobenzene	10.9		"	10.0		109	86-122		5.46	30	
1,3-Dichloropropane	9.89		"	10.0		98.9	81-125		4.55	30	
1,4-Dichlorobenzene	10.8		"	10.0		108	85-124		12.1	30	
2,2-Dichloropropane	8.90		"	10.0		89.0	56-150		12.6	30	
2-Butanone	7.61		"	10.0		76.1	49-152		23.3	30	
2-Chlorotoluene	10.8		"	10.0		108	79-130		16.6	30	
2-Hexanone	9.20		"	10.0		92.0	51-146		14.5	30	
4-Chlorotoluene	10.8		"	10.0		108	79-128		13.8	30	
4-Methyl-2-pentanone	9.85		"	10.0		98.5	57-145		5.82	30	
Acetone	5.83		"	10.0		58.3	14-150		5.83	30	
Benzene	8.93		"	10.0		89.3	85-126		12.4	30	
Bromobenzene	11.2		"	10.0		112	78-129		12.5	30	
Bromochloromethane	8.60		"	10.0		86.0	77-128		14.5	30	
Bromodichloromethane	9.64		"	10.0		96.4	79-128		4.96	30	
Bromoform	11.9		"	10.0		119	78-133		4.39	30	
Bromomethane	9.74		"	10.0		97.4	43-168		11.4	30	
Carbon disulfide	8.18		"	10.0		81.8	68-146		8.09	30	
Carbon tetrachloride	8.45		"	10.0		84.5	77-141		11.5	30	
Chlorobenzene	10.0		"	10.0		100	88-120		1.29	30	
Chloroethane	8.25		"	10.0		82.5	65-136		11.9	30	
Chloroform	8.36		"	10.0		83.6	82-128		12.8	30	
Chloromethane	8.63		"	10.0		86.3	43-155		14.6	30	
cis-1,2-Dichloroethylene	8.66		"	10.0		86.6	83-129		12.6	30	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131		8.45	30	
Dibromochloromethane	10.5		"	10.0		105	80-130		7.62	30	
Dibromomethane	10.5		"	10.0		105	72-134		1.61	30	
Dichlorodifluoromethane	7.62		"	10.0		76.2	44-144		16.2	30	
Ethyl Benzene	9.80		"	10.0		98.0	80-131		6.13	30	
Hexachlorobutadiene	10.7		"	10.0		107	67-146		5.19	30	
Isopropylbenzene	10.6		"	10.0		106	76-140		15.1	30	
Methyl tert-butyl ether (MTBE)	9.15		"	10.0		91.5	76-135		11.1	30	
Methylene chloride	8.62		"	10.0		86.2	55-137		8.98	30	
Naphthalene	11.3		"	10.0		113	70-147		4.43	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40632 - EPA 5030B

LCS Dup (BK40632-BSD1)

Prepared & Analyzed: 11/13/2014

n-Butylbenzene	10.4		ug/L	10.0		104	79-132		3.33	30
n-Propylbenzene	11.1		"	10.0		111	78-133		14.4	30
o-Xylene	9.83		"	10.0		98.3	78-130		4.48	30
p- & m- Xylenes	19.6		"	20.0		97.8	77-133		0.714	30
p-Isopropyltoluene	10.9		"	10.0		109	81-136		7.44	30
sec-Butylbenzene	10.9		"	10.0		109	79-137		5.84	30
Styrene	9.74		"	10.0		97.4	67-132		4.81	30
tert-Butylbenzene	11.2		"	10.0		112	77-138		14.3	30
Tetrachloroethylene	9.80		"	10.0		98.0	82-131		6.61	30
Toluene	9.59		"	10.0		95.9	80-127		4.29	30
trans-1,2-Dichloroethylene	8.67		"	10.0		86.7	80-132		8.82	30
trans-1,3-Dichloropropylene	9.96		"	10.0		99.6	78-131		5.56	30
Trichloroethylene	10.0		"	10.0		100	82-128		2.94	30
Trichlorofluoromethane	8.48		"	10.0		84.8	67-139		15.1	30
Vinyl Chloride	8.72		"	10.0		87.2	58-145		1.74	30
Surrogate: 1,2-Dichloroethane-d4	8.91		"	10.0		89.1	69-130			
Surrogate: p-Bromofluorobenzene	10.7		"	10.0		107	79-122			
Surrogate: Toluene-d8	9.94		"	10.0		99.4	81-117			

Batch BK40710 - EPA 5030B/1311

Blank (BK40710-BLK1)

Prepared & Analyzed: 11/14/2014

1,1-Dichloroethylene	ND	0.0050	mg/L							
1,2-Dichloroethane	ND	0.0050	"							
1,4-Dichlorobenzene	ND	0.0050	"							
2-Butanone	ND	0.010	"							
Benzene	ND	0.0050	"							
Carbon tetrachloride	ND	0.0050	"							
Chlorobenzene	ND	0.0050	"							
Chloroform	ND	0.0050	"							
Tetrachloroethylene	ND	0.0050	"							
Trichloroethylene	ND	0.0050	"							
Vinyl Chloride	ND	0.0050	"							
Surrogate: 1,2-Dichloroethane-d4	48.2		ug/L	50.0		96.4	81-123			
Surrogate: p-Bromofluorobenzene	47.0		"	50.0		94.0	70-128			
Surrogate: Toluene-d8	50.8		"	50.0		102	88-114			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40710 - EPA 5030B/1311

Blank (BK40710-BLK2)

Prepared & Analyzed: 11/14/2014

1,1-Dichloroethylene	ND	0.050	mg/L								
1,2-Dichloroethane	ND	0.050	"								
1,4-Dichlorobenzene	ND	0.050	"								
2-Butanone	ND	0.10	"								
Benzene	ND	0.050	"								
Carbon tetrachloride	ND	0.050	"								
Chlorobenzene	ND	0.050	"								
Chloroform	ND	0.050	"								
Tetrachloroethylene	ND	0.050	"								
Trichloroethylene	ND	0.050	"								
Vinyl Chloride	ND	0.050	"								

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>51.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>103</i>	<i>81-123</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>46.6</i>		<i>"</i>	<i>50.0</i>		<i>93.2</i>	<i>70-128</i>				
<i>Surrogate: Toluene-d8</i>	<i>50.9</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>88-114</i>				

LCS (BK40710-BS1)

Prepared & Analyzed: 11/14/2014

1,1-Dichloroethylene	51		ug/L	50.0		102	60-143				
1,2-Dichloroethane	52		"	50.0		105	72-126				
1,4-Dichlorobenzene	48		"	50.0		95.9	83-118				
2-Butanone	62		"	50.0		124	48-156				
Benzene	53		"	50.0		107	82-120				
Carbon tetrachloride	51		"	50.0		102	72-132				
Chlorobenzene	51		"	50.0		102	88-112				
Chloroform	51		"	50.0		102	77-124				
Tetrachloroethylene	52		"	50.0		105	75-129				
Trichloroethylene	51		"	50.0		102	85-115				
Vinyl Chloride	54		"	50.0		107	44-152				

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.1</i>		<i>"</i>	<i>50.0</i>		<i>98.2</i>	<i>81-123</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>50.1</i>		<i>"</i>	<i>50.0</i>		<i>100</i>	<i>70-128</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.4</i>		<i>"</i>	<i>50.0</i>		<i>98.8</i>	<i>88-114</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40710 - EPA 5030B/1311

LCS Dup (BK40710-BSD1)

Prepared & Analyzed: 11/14/2014

1,1-Dichloroethylene	49		ug/L	50.0		97.7	60-143		4.70	30
1,2-Dichloroethane	51		"	50.0		101	72-126		3.33	30
1,4-Dichlorobenzene	44		"	50.0		88.8	83-118		7.62	30
2-Butanone	52		"	50.0		105	48-156		16.8	30
Benzene	50		"	50.0		99.8	82-120		6.70	30
Carbon tetrachloride	48		"	50.0		95.9	72-132		6.48	30
Chlorobenzene	48		"	50.0		96.2	88-112		6.20	30
Chloroform	49		"	50.0		98.9	77-124		2.65	30
Tetrachloroethylene	47		"	50.0		94.7	75-129		9.95	30
Trichloroethylene	48		"	50.0		95.7	85-115		5.92	30
Vinyl Chloride	49		"	50.0		97.9	44-152		8.93	30

Surrogate: 1,2-Dichloroethane-d4

47.4

"

50.0

94.7

81-123

Surrogate: p-Bromofluorobenzene

46.6

"

50.0

93.3

70-128

Surrogate: Toluene-d8

51.2

"

50.0

102

88-114

Duplicate (BK40710-DUP1)

*Source sample: 14K0315-01 (KWF-WASTE SOIL)

Prepared & Analyzed: 11/14/2014

1,1-Dichloroethylene	ND	0.050	mg/L		ND					200
1,2-Dichloroethane	ND	0.050	"		ND					200
1,4-Dichlorobenzene	ND	0.050	"		ND					200
2-Butanone	ND	0.10	"		ND					200
Benzene	ND	0.050	"		ND					200
Carbon tetrachloride	ND	0.050	"		ND					200
Chlorobenzene	ND	0.050	"		ND					200
Chloroform	ND	0.050	"		ND					200
Tetrachloroethylene	ND	0.050	"		ND					200
Trichloroethylene	ND	0.050	"		ND					200
Vinyl Chloride	ND	0.050	"		ND					200

Surrogate: 1,2-Dichloroethane-d4

50.2

ug/L

50.0

100

81-123

Surrogate: p-Bromofluorobenzene

44.0

"

50.0

88.1

70-128

Surrogate: Toluene-d8

48.6

"

50.0

97.3

88-114



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40577 - EPA 3510C/1311

Blank (BK40577-BLK1)

Prepared & Analyzed: 11/13/2014

Cresols, total	ND	0.0300	mg/L								
1,4-Dichlorobenzene	ND	0.0100	"								
2,4-Dinitrotoluene	ND	0.0100	"								
Hexachlorobenzene	ND	0.0100	"								
Hexachlorobutadiene	ND	0.0100	"								
Hexachloroethane	ND	0.0100	"								
2-Methylphenol	ND	0.0100	"								
3- & 4-Methylphenols	ND	0.0200	"								
Nitrobenzene	ND	0.0100	"								
Pentachlorophenol	ND	0.0100	"								
Pyridine	ND	0.0100	"								
2,4,5-Trichlorophenol	ND	0.0100	"								
2,4,6-Trichlorophenol	ND	0.0100	"								
Surrogate: 2-Fluorophenol	0.0624		"	0.151		41.4	10-47				
Surrogate: Phenol-d5	0.0572		"	0.151		37.9	10-37				
Surrogate: Nitrobenzene-d5	0.0604		"	0.100		60.4	10-109				
Surrogate: 2-Fluorobiphenyl	0.0536		"	0.101		53.3	10-97				
Surrogate: 2,4,6-Tribromophenol	0.124		"	0.150		82.5	10-112				
Surrogate: Terphenyl-d14	0.0698		"	0.100		69.6	10-137				

LCS (BK40577-BS1)

Prepared & Analyzed: 11/13/2014

Cresols, total	0.0880	0.0300	mg/L	0.200		44.0	30-130				
1,4-Dichlorobenzene	0.0337	0.0100	"	0.100		33.7	42-82	Low Bias			
2,4-Dinitrotoluene	0.0632	0.0100	"	0.100		63.2	41-114				
Hexachlorobenzene	0.0760	0.0100	"	0.100		76.0	27-120				
Hexachlorobutadiene	0.0520	0.0100	"	0.100		52.0	25-106				
Hexachloroethane	0.0484	0.0100	"	0.100		48.4	33-84				
2-Methylphenol	0.0369	0.0100	"	0.100		36.9	10-90				
3- & 4-Methylphenols	0.0511	0.0200	"	0.100		51.1	10-101				
Nitrobenzene	0.0557	0.0100	"	0.100		55.7	32-113				
Pentachlorophenol	0.0443	0.0100	"	0.100		44.3	19-127				
Pyridine	0.0367	0.0100	"	0.100		36.7	10-46				
2,4,5-Trichlorophenol	0.0501	0.0100	"	0.100		50.1	36-112				
2,4,6-Trichlorophenol	0.0553	0.0100	"	0.100		55.3	41-107				
Surrogate: 2-Fluorophenol	0.0673		"	0.151		44.7	10-47				
Surrogate: Phenol-d5	0.0665		"	0.151		44.1	10-37				
Surrogate: Nitrobenzene-d5	0.0619		"	0.100		61.9	10-109				
Surrogate: 2-Fluorobiphenyl	0.0639		"	0.101		63.5	10-97				
Surrogate: 2,4,6-Tribromophenol	0.147		"	0.150		97.9	10-112				
Surrogate: Terphenyl-d14	0.0586		"	0.100		58.4	10-137				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

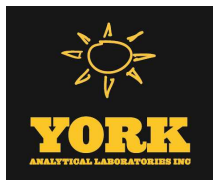
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40577 - EPA 3510C/1311

LCS Dup (BK40577-BSD1)

Prepared & Analyzed: 11/13/2014

Cresols, total	0.111	0.0300	mg/L	0.200		55.4	30-130		23.0	20	Non-dir.
1,4-Dichlorobenzene	0.0478	0.0100	"	0.100		47.8	42-82		34.7	20	Non-dir.
2,4-Dinitrotoluene	0.0690	0.0100	"	0.100		69.0	41-114		8.87	20	
Hexachlorobenzene	0.0853	0.0100	"	0.100		85.3	27-120		11.5	20	
Hexachlorobutadiene	0.0614	0.0100	"	0.100		61.4	25-106		16.5	20	
Hexachloroethane	0.0552	0.0100	"	0.100		55.2	33-84		13.2	20	
2-Methylphenol	0.0581	0.0100	"	0.100		58.1	10-90		44.6	20	Non-dir.
3- & 4-Methylphenols	0.0528	0.0200	"	0.100		52.8	10-101		3.19	20	
Nitrobenzene	0.0615	0.0100	"	0.100		61.5	32-113		9.83	20	
Pentachlorophenol	0.0455	0.0100	"	0.100		45.5	19-127		2.58	20	
Pyridine	0.0344	0.0100	"	0.100		34.4	10-46		6.47	20	
2,4,5-Trichlorophenol	0.0556	0.0100	"	0.100		55.6	36-112		10.6	20	
2,4,6-Trichlorophenol	0.0597	0.0100	"	0.100		59.7	41-107		7.66	20	
Surrogate: 2-Fluorophenol	0.0700		"	0.151		46.4	10-47				
Surrogate: Phenol-d5	0.0679		"	0.151		45.0	10-37				
Surrogate: Nitrobenzene-d5	0.0699		"	0.100		69.9	10-109				
Surrogate: 2-Fluorobiphenyl	0.0663		"	0.101		65.9	10-97				
Surrogate: 2,4,6-Tribromophenol	0.157		"	0.150		104	10-112				
Surrogate: Terphenyl-d14	0.0576		"	0.100		57.4	10-137				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40689 - EPA 3510C/1311

Blank (BK40689-BLK1)

Prepared & Analyzed: 11/14/2014

Toxaphene	ND	0.513	ug/L								
Methoxychlor	ND	0.0513	"								
Heptachlor epoxide	ND	0.0103	"								
Heptachlor	ND	0.0103	"								
gamma-BHC (Lindane)	ND	0.0103	"								
Endrin	ND	0.0103	"								
Chlordane, total	ND	0.0410	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>1.12</i>		<i>"</i>	<i>2.05</i>		<i>54.4</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>1.22</i>		<i>"</i>	<i>2.05</i>		<i>59.5</i>	<i>30-120</i>				

LCS (BK40689-BS1)

Prepared & Analyzed: 11/14/2014

Methoxychlor	0.724	0.0513	ug/L	1.03		70.6	40-120				
Heptachlor epoxide	0.696	0.0103	"	1.03		67.9	40-120				
Heptachlor	0.646	0.0103	"	1.03		63.0	40-120				
gamma-BHC (Lindane)	0.772	0.0103	"	1.03		75.3	40-120				
Endrin	0.753	0.0103	"	1.03		73.5	40-120				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>1.34</i>		<i>"</i>	<i>2.05</i>		<i>65.3</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>1.42</i>		<i>"</i>	<i>2.05</i>		<i>69.2</i>	<i>30-120</i>				

LCS Dup (BK40689-BSD1)

Prepared & Analyzed: 11/14/2014

Methoxychlor	0.708	0.0513	ug/L	1.03		69.0	40-120	2.17	30		
Heptachlor epoxide	0.683	0.0103	"	1.03		66.6	40-120	1.98	30		
Heptachlor	0.632	0.0103	"	1.03		61.6	40-120	2.24	30		
gamma-BHC (Lindane)	0.755	0.0103	"	1.03		73.6	40-120	2.26	30		
Endrin	0.746	0.0103	"	1.03		72.7	40-120	0.996	30		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>1.29</i>		<i>"</i>	<i>2.05</i>		<i>62.8</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>1.49</i>		<i>"</i>	<i>2.05</i>		<i>72.6</i>	<i>30-120</i>				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40542 - EPA 3550C

Blank (BK40542-BLK1)

Prepared: 11/12/2014 Analyzed: 11/13/2014

Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								

Surrogate: Tetrachloro-m-xylene	0.0260		"	0.0667		39.0	30-140				
Surrogate: Decachlorobiphenyl	0.0233		"	0.0667		35.0	30-140				

LCS (BK40542-BS2)

Prepared: 11/12/2014 Analyzed: 11/13/2014

Aroclor 1016	0.394	0.0167	mg/kg wet	0.333		118	40-130				
Aroclor 1260	0.398	0.0167	"	0.333		119	40-130				
Surrogate: Tetrachloro-m-xylene	0.0627		"	0.0667		94.0	30-140				
Surrogate: Decachlorobiphenyl	0.0550		"	0.0667		82.5	30-140				

LCS Dup (BK40542-BSD2)

Prepared: 11/12/2014 Analyzed: 11/13/2014

Aroclor 1016	0.399	0.0167	mg/kg wet	0.333		120	40-130	1.13	25		
Aroclor 1260	0.389	0.0167	"	0.333		117	40-130	2.24	25		
Surrogate: Tetrachloro-m-xylene	0.0637		"	0.0667		95.5	30-140				
Surrogate: Decachlorobiphenyl	0.0457		"	0.0667		68.5	30-140				



Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40579 - EPA 3535A/1311

Blank (BK40579-BLK1)

Prepared & Analyzed: 11/13/2014

2,4-D	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	168		"	125		134	30-150				

LCS (BK40579-BS1)

Prepared & Analyzed: 11/13/2014

2,4-D	44.5	5.00	ug/L	40.0		111	40-140				
2,4,5-TP (Silvex)	48.2	5.00	"	40.0		121	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	157		"	125		125	30-150				

LCS Dup (BK40579-BSD1)

Prepared & Analyzed: 11/13/2014

2,4-D	52.2	5.00	ug/L	40.0		131	40-140		16.0	30	
2,4,5-TP (Silvex)	53.8	5.00	"	40.0		134	40-140		10.8	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	168		"	125		134	30-150				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40554 - EPA 3010A/1311

Blank (BK40554-BLK1)

Prepared: 11/12/2014 Analyzed: 11/13/2014

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Lead	ND	0.003	"
Selenium	ND	0.010	"
Silver	ND	0.005	"

Blank (BK40554-BLK2)

Prepared: 11/12/2014 Analyzed: 11/13/2014

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Lead	ND	0.003	"
Selenium	0.016	0.010	"
Silver	ND	0.005	"

Reference (BK40554-SRM1)

Prepared: 11/12/2014 Analyzed: 11/13/2014

Arsenic	0.413	0.004	mg/L	0.438	94.2	83.3-116
Barium	0.398	0.010	"	0.365	109	84.9-115
Cadmium	0.341	0.003	"	0.334	102	85-115
Chromium	0.784	0.005	"	0.797	98.3	84.9-115
Lead	1.53	0.003	"	1.47	104	85-115
Selenium	0.498	0.010	"	0.521	95.6	85-115
Silver	0.370	0.005	"	0.384	96.4	84.9-115



Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40509 - EPA 7473 water

Blank (BK40509-BLK1)

Prepared & Analyzed: 11/12/2014

Mercury	ND	0.000200	mg/L

Reference (BK40509-SRM1)

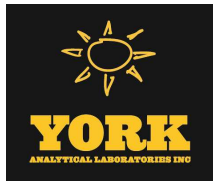
Prepared & Analyzed: 11/12/2014

Mercury	0.00194		mg/L	0.00230	84.4	61.3-135



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40407 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BK40407-BLK1)											
						Prepared: 11/10/2014 Analyzed: 11/11/2014					
TCLP Extraction	Completed	1.00	N/A								
Batch BK40409 - EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS											
Blank (BK40409-BLK1)											
						Prepared: 11/10/2014 Analyzed: 11/11/2014					
TCLP Extraction	Completed	1.00	N/A								
Batch BK40410 - EPA SW 846-1311 TCLP ZHE for VOA											
Blank (BK40410-BLK1)											
						Prepared: 11/10/2014 Analyzed: 11/11/2014					
TCLP Extraction	Completed	1.00	%								
Batch BK40593 - Analysis Preparation											
Blank (BK40593-BLK1)											
						Prepared & Analyzed: 11/13/2014					
Reactivity - Cyanide	ND	0.250	mg/kg								
Batch BK40595 - Analysis Preparation											
Blank (BK40595-BLK1)											
						Prepared & Analyzed: 11/13/2014					
Reactivity - Sulfide	ND	15.0	mg/kg								
LCS (BK40595-BS1)											
						Prepared & Analyzed: 11/13/2014					
Reactivity - Sulfide	232	15.0	mg/kg	250		92.8	30-150				



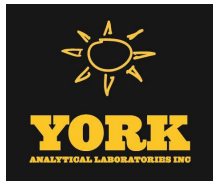
Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0315-01	KWF-WASTE SOIL	40mL 01_Clear Vial Cool to 4° C
14K0315-02	KWF-WASTE WATER	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SeTC	It is noted that a known interference with selenium at the analytical line for analysis by ICP is caused by carbon emission from the TCLP or high organics matrix. The data user may subtract the matrix blank value from the data if needed.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IGN-01	Non-Ignit.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-COMP	Completed
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.



Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

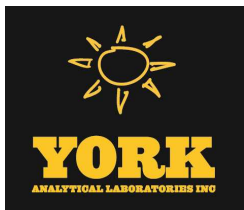
Field Chain-of-Custody Record

Page 1 of 1

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested. signature binds you to York's Std. Terms & Conditions.

York Project No. 14K0315

[illegible]



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Will Olsen

Report Date: 11/13/2014

Client Project ID: 41433.00/TASK 0200

York Project (SDG) No.: 14K0247

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/13/2014
Client Project ID: 41433.00/TASK 0200
York Project (SDG) No.: 14K0247

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 06, 2014 and listed below. The project was identified as your project: **41433.00/TASK 0200**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0247-01	KWF-MW11R (196-200')	Water	11/05/2014	11/06/2014
14K0247-02	KWF-MW11R (181-186')	Water	11/05/2014	11/06/2014
14K0247-03	KWF-MW11R (166-171')	Water	11/05/2014	11/06/2014
14K0247-04	KWF-MW11R (153-158')	Water	11/05/2014	11/06/2014
14K0247-05	TRIP BLANK	Water	11/05/2014	11/06/2014

General Notes for York Project (SDG) No.: 14K0247

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/13/2014





Sample Information

Client Sample ID: KWF-MW11R (196-200')

York Sample ID: 14K0247-01

York Project (SDG) No.

14K0247

Client Project ID

41433.00/TASK 0200

Matrix

Water

Collection Date/Time

November 5, 2014 9:20 am

Date Received

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS



Sample Information

Client Sample ID: KWF-MW11R (196-200')

York Sample ID: 14K0247-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0247

41433.00/TASK 0200

Water

November 5, 2014 9:20 am

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
127-18-4	Tetrachloroethylene	0.36	J	ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	120 %	69-130								
2037-26-5	Surrogate: Toluene-d8	90.8 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	97.5 %	79-122								

Sample Information

Client Sample ID: KWF-MW11R (181-186')

York Sample ID: 14K0247-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0247

41433.00/TASK 0200

Water

November 5, 2014 10:30 am

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS



Sample Information

Client Sample ID: KWF-MW11R (181-186')

York Sample ID: 14K0247-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0247

41433.00/TASK 0200

Water

November 5, 2014 10:30 am

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-27-4	Bromodichloromethane	2.0		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
67-66-3	Chloroform	19		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS



Sample Information

Client Sample ID: KWF-MW11R (181-186')

York Sample ID: 14K0247-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0247

41433.00/TASK 0200

Water

November 5, 2014 10:30 am

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
127-18-4	Tetrachloroethylene	0.35	J	ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %		69-130							
2037-26-5	Surrogate: Toluene-d8	92.2 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	94.5 %		79-122							

Sample Information

Client Sample ID: KWF-MW11R (166-171')

York Sample ID: 14K0247-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0247

41433.00/TASK 0200

Water

November 5, 2014 11:15 am

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS



Sample Information

Client Sample ID: KWF-MW11R (166-171')

York Sample ID: 14K0247-03

York Project (SDG) No.

14K0247

Client Project ID

41433.00/TASK 0200

Matrix

Water

Collection Date/Time

November 5, 2014 11:15 am

Date Received

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-27-4	Bromodichloromethane	2.2		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
67-66-3	Chloroform	21		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS



Sample Information

Client Sample ID: KWF-MW11R (166-171')

York Sample ID: 14K0247-03

York Project (SDG) No.
14K0247

Client Project ID
41433.00/TASK 0200

Matrix
Water

Collection Date/Time
November 5, 2014 11:15 am

Date Received
11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	124 %			69-130						
2037-26-5	Surrogate: Toluene-d8	91.9 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	97.8 %			79-122						

Sample Information

Client Sample ID: KWF-MW11R (153-158')

York Sample ID: 14K0247-04

York Project (SDG) No.
14K0247

Client Project ID
41433.00/TASK 0200

Matrix
Water

Collection Date/Time
November 5, 2014 12:20 pm

Date Received
11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS



Sample Information

Client Sample ID: KWF-MW11R (153-158')

York Sample ID: 14K0247-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0247

41433.00/TASK 0200

Water

November 5, 2014 12:20 pm

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
67-64-1	Acetone	2.0	Cal-E, CCV-E, J	ug/L	1.0	2.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-27-4	Bromodichloromethane	2.1		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
67-66-3	Chloroform	18		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS



Sample Information

Client Sample ID: KWF-MW11R (153-158')

York Sample ID: 14K0247-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0247

41433.00/TASK 0200

Water

November 5, 2014 12:20 pm

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %		69-130							
2037-26-5	Surrogate: Toluene-d8	98.5 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	95.7 %		79-122							

Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14K0247-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0247

41433.00/TASK 0200

Water

November 5, 2014 3:00 pm

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14K0247-05

York Project (SDG) No.
14K0247

Client Project ID
41433.00/TASK 0200

Matrix
Water

Collection Date/Time
November 5, 2014 3:00 pm

Date Received
11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
67-64-1	Acetone	2.9	Cal-E, CCV-E	ug/L	1.0	2.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14K0247-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0247

41433.00/TASK 0200

Water

November 5, 2014 3:00 pm

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.9 %			69-130						
2037-26-5	Surrogate: Toluene-d8	100 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %			79-122						



Analytical Batch Summary

Batch ID: BK40602

Preparation Method: EPA 5030B

Prepared By: OW

YORK Sample ID	Client Sample ID	Preparation Date
14K0247-01	KWF-MW11R (196-200')	11/12/14
14K0247-02	KWF-MW11R (181-186')	11/12/14
14K0247-03	KWF-MW11R (166-171')	11/12/14
BK40602-BLK1	Blank	11/12/14
BK40602-BS1	LCS	11/12/14
BK40602-BSD1	LCS Dup	11/12/14

Batch ID: BK40632

Preparation Method: EPA 5030B

Prepared By: BK

YORK Sample ID	Client Sample ID	Preparation Date
14K0247-04	KWF-MW11R (153-158')	11/13/14
14K0247-05	TRIP BLANK	11/13/14
BK40632-BLK1	Blank	11/13/14
BK40632-BS1	LCS	11/13/14
BK40632-BSD1	LCS Dup	11/13/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40602 - EPA 5030B											
Blank (BK40602-BLK1)										Prepared & Analyzed: 11/12/2014	
1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	0.32	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
Styrene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40602 - EPA 5030B

Blank (BK40602-BLK1)

Prepared & Analyzed: 11/12/2014

Xylenes, Total	ND	1.5	ug/L								
Surrogate: 1,2-Dichloroethane-d4	11.0		"	10.0		110	69-130				
Surrogate: Toluene-d8	8.47		"	10.0		84.7	81-117				
Surrogate: p-Bromofluorobenzene	9.68		"	10.0		96.8	79-122				

LCS (BK40602-BS1)

Prepared & Analyzed: 11/12/2014

1,1,1-Trichloroethane	13		ug/L	10.0		126	78-136				
1,1,2,2-Tetrachloroethane	8.6		"	10.0		86.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		120	54-165				
1,1,2-Trichloroethane	9.4		"	10.0		94.3	82-123				
1,1-Dichloroethane	12		"	10.0		122	82-129				
1,1-Dichloroethylene	13		"	10.0		128	68-138				
1,2,3-Trichlorobenzene	9.7		"	10.0		97.4	76-136				
1,2,4-Trichlorobenzene	9.0		"	10.0		89.9	76-137				
1,2-Dibromo-3-chloropropane	8.6		"	10.0		85.5	45-147				
1,2-Dibromoethane	9.3		"	10.0		92.8	83-124				
1,2-Dichlorobenzene	8.6		"	10.0		86.5	79-123				
1,2-Dichloroethane	13		"	10.0		132	73-132				
1,2-Dichloropropane	9.2		"	10.0		91.8	78-126				
1,3-Dichlorobenzene	9.1		"	10.0		90.8	86-122				
1,4-Dichlorobenzene	9.3		"	10.0		93.3	85-124				
2-Butanone	15		"	10.0		150	49-152				
2-Hexanone	10		"	10.0		102	51-146				
4-Methyl-2-pentanone	10		"	10.0		101	57-145				
Acetone	12		"	10.0		117	14-150				
Benzene	11		"	10.0		111	85-126				
Bromochloromethane	12		"	10.0		119	77-128				
Bromodichloromethane	9.9		"	10.0		98.7	79-128				
Bromoform	9.4		"	10.0		93.9	78-133				
Bromomethane	9.5		"	10.0		94.7	43-168				
Carbon disulfide	11		"	10.0		112	68-146				
Carbon tetrachloride	13		"	10.0		133	77-141				
Chlorobenzene	9.0		"	10.0		89.5	88-120				
Chloroethane	11		"	10.0		111	65-136				
Chloroform	12		"	10.0		117	82-128				
Chloromethane	12		"	10.0		121	43-155				
cis-1,2-Dichloroethylene	13		"	10.0		127	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		102	80-131				
Cyclohexane	13		"	10.0		129	63-149				
Dibromochloromethane	9.1		"	10.0		91.4	80-130				
Dichlorodifluoromethane	12		"	10.0		119	44-144				
Ethyl Benzene	9.8		"	10.0		98.4	80-131				
Isopropylbenzene	9.5		"	10.0		95.2	76-140				
Methyl acetate	13		"	10.0		135	51-139				
Methyl tert-butyl ether (MTBE)	12		"	10.0		122	76-135				
Methylcyclohexane	10		"	10.0		102	72-143				
Methylene chloride	12		"	10.0		123	55-137				
o-Xylene	9.8		"	10.0		98.0	78-130				
p- & m- Xylenes	19		"	20.0		95.9	77-133				
Styrene	9.5		"	10.0		95.2	67-132				
Tetrachloroethylene	9.8		"	10.0		98.0	82-131				
Toluene	9.3		"	10.0		93.2	80-127				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40602 - EPA 5030B											
LCS (BK40602-BS1)						Prepared & Analyzed: 11/12/2014					
trans-1,2-Dichloroethylene	12		ug/L	10.0		122	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		102	78-131				
Trichloroethylene	10		"	10.0		99.8	82-128				
Trichlorofluoromethane	12		"	10.0		124	67-139				
Vinyl Chloride	12		"	10.0		121	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>12.3</i>		<i>"</i>	<i>10.0</i>		<i>123</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.03</i>		<i>"</i>	<i>10.0</i>		<i>90.3</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>79-122</i>				
LCS Dup (BK40602-BSD1)						Prepared & Analyzed: 11/12/2014					
1,1,1-Trichloroethane	13		ug/L	10.0		132	78-136		3.96	30	
1,1,2,2-Tetrachloroethane	9.1		"	10.0		91.3	76-129		5.98	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		119	54-165		0.922	30	
1,1,2-Trichloroethane	9.6		"	10.0		96.3	82-123		2.10	30	
1,1-Dichloroethane	12		"	10.0		121	82-129		0.906	30	
1,1-Dichloroethylene	13		"	10.0		128	68-138		0.0781	30	
1,2,3-Trichlorobenzene	11		"	10.0		106	76-136		8.17	30	
1,2,4-Trichlorobenzene	10		"	10.0		101	76-137		12.0	30	
1,2-Dibromo-3-chloropropane	11		"	10.0		106	45-147		21.7	30	
1,2-Dibromoethane	10		"	10.0		102	83-124		9.64	30	
1,2-Dichlorobenzene	9.7		"	10.0		97.1	79-123		11.5	30	
1,2-Dichloroethane	12		"	10.0		124	73-132		6.57	30	
1,2-Dichloropropane	10		"	10.0		99.5	78-126		8.05	30	
1,3-Dichlorobenzene	10		"	10.0		101	86-122		11.0	30	
1,4-Dichlorobenzene	10		"	10.0		100	85-124		7.43	30	
2-Butanone	13		"	10.0		133	49-152		11.4	30	
2-Hexanone	12		"	10.0		118	51-146		14.6	30	
4-Methyl-2-pentanone	11		"	10.0		107	57-145		5.39	30	
Acetone	10		"	10.0		102	14-150		14.0	30	
Benzene	12		"	10.0		116	85-126		3.87	30	
Bromochloromethane	12		"	10.0		117	77-128		2.20	30	
Bromodichloromethane	10		"	10.0		105	79-128		6.00	30	
Bromoform	9.9		"	10.0		99.0	78-133		5.29	30	
Bromomethane	10		"	10.0		104	43-168		9.84	30	
Carbon disulfide	11		"	10.0		114	68-146		2.12	30	
Carbon tetrachloride	14		"	10.0		138	77-141		3.40	30	
Chlorobenzene	9.7		"	10.0		97.4	88-120		8.45	30	
Chloroethane	11		"	10.0		111	65-136		0.630	30	
Chloroform	12		"	10.0		118	82-128		1.02	30	
Chloromethane	12		"	10.0		118	43-155		2.76	30	
cis-1,2-Dichloroethylene	13		"	10.0		129	83-129		1.17	30	
cis-1,3-Dichloropropylene	11		"	10.0		106	80-131		4.32	30	
Cyclohexane	12		"	10.0		124	63-149		4.42	30	
Dibromochloromethane	9.6		"	10.0		95.6	80-130		4.49	30	
Dichlorodifluoromethane	12		"	10.0		121	44-144		2.33	30	
Ethyl Benzene	11		"	10.0		112	80-131		12.5	30	
Isopropylbenzene	11		"	10.0		106	76-140		11.2	30	
Methyl acetate	11		"	10.0		109	51-139		21.4	30	
Methyl tert-butyl ether (MTBE)	12		"	10.0		119	76-135		2.90	30	
Methylcyclohexane	12		"	10.0		116	72-143		13.2	30	
Methylene chloride	12		"	10.0		125	55-137		1.61	30	
o-Xylene	11		"	10.0		107	78-130		8.41	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40602 - EPA 5030B

LCS Dup (BK40602-BSD1)

Prepared & Analyzed: 11/12/2014

p- & m- Xylenes	21		ug/L	20.0		107	77-133		10.5	30
Styrene	10		"	10.0		103	67-132		7.97	30
Tetrachloroethylene	11		"	10.0		107	82-131		8.97	30
Toluene	10		"	10.0		101	80-127		7.64	30
trans-1,2-Dichloroethylene	13		"	10.0		130	80-132		6.57	30
trans-1,3-Dichloropropylene	11		"	10.0		107	78-131		4.86	30
Trichloroethylene	10		"	10.0		105	82-128		5.08	30
Trichlorofluoromethane	13		"	10.0		133	67-139		6.90	30
Vinyl Chloride	12		"	10.0		123	58-145		1.48	30
Surrogate: 1,2-Dichloroethane-d4	11.1		"	10.0		111	69-130			
Surrogate: Toluene-d8	9.40		"	10.0		94.0	81-117			
Surrogate: p-Bromofluorobenzene	10.2		"	10.0		102	79-122			

Batch BK40632 - EPA 5030B

Blank (BK40632-BLK1)

Prepared & Analyzed: 11/13/2014

1,1,1-Trichloroethane	ND	0.50	ug/L
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	0.34	0.50	"
1,2,4-Trichlorobenzene	0.33	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40632 - EPA 5030B

Blank (BK40632-BLK1)

Prepared & Analyzed: 11/13/2014

Isopropylbenzene	ND	0.50	ug/L
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	ND	2.0	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
Styrene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: 1,2-Dichloroethane-d4	8.69	"	10.0	86.9	69-130
Surrogate: Toluene-d8	10.2	"	10.0	102	81-117
Surrogate: p-Bromofluorobenzene	10.3	"	10.0	103	79-122

LCS (BK40632-BS1)

Prepared & Analyzed: 11/13/2014

1,1,1-Trichloroethane	9.6	ug/L	10.0	95.9	78-136
1,1,2,2-Tetrachloroethane	11	"	10.0	106	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.2	"	10.0	92.5	54-165
1,1,2-Trichloroethane	11	"	10.0	112	82-123
1,1-Dichloroethane	9.2	"	10.0	91.6	82-129
1,1-Dichloroethylene	9.1	"	10.0	91.4	68-138
1,2,3-Trichlorobenzene	11	"	10.0	109	76-136
1,2,4-Trichlorobenzene	10	"	10.0	105	76-137
1,2-Dibromo-3-chloropropane	9.7	"	10.0	96.6	45-147
1,2-Dibromoethane	11	"	10.0	111	83-124
1,2-Dichlorobenzene	10	"	10.0	101	79-123
1,2-Dichloroethane	9.8	"	10.0	97.5	73-132
1,2-Dichloropropane	11	"	10.0	108	78-126
1,3-Dichlorobenzene	10	"	10.0	103	86-122
1,4-Dichlorobenzene	9.6	"	10.0	95.7	85-124
2-Butanone	9.6	"	10.0	96.2	49-152
2-Hexanone	11	"	10.0	106	51-146
4-Methyl-2-pentanone	10	"	10.0	104	57-145
Acetone	6.2	"	10.0	61.8	14-150
Benzene	10	"	10.0	101	85-126
Bromochloromethane	9.9	"	10.0	99.4	77-128
Bromodichloromethane	10	"	10.0	101	79-128
Bromoform	11	"	10.0	114	78-133
Bromomethane	11	"	10.0	109	43-168
Carbon disulfide	8.9	"	10.0	88.7	68-146
Carbon tetrachloride	9.5	"	10.0	94.8	77-141
Chlorobenzene	10	"	10.0	102	88-120
Chloroethane	9.3	"	10.0	92.9	65-136
Chloroform	9.5	"	10.0	95.0	82-128
Chloromethane	10	"	10.0	99.9	43-155
cis-1,2-Dichloroethylene	9.8	"	10.0	98.2	83-129



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40632 - EPA 5030B

LCS (BK40632-BS1)

Prepared & Analyzed: 11/13/2014

cis-1,3-Dichloropropylene	11		ug/L	10.0		111	80-131				
Cyclohexane	8.7		"	10.0		86.9	63-149				
Dibromochloromethane	11		"	10.0		113	80-130				
Dichlorodifluoromethane	9.0		"	10.0		89.6	44-144				
Ethyl Benzene	10		"	10.0		104	80-131				
Isopropylbenzene	9.1		"	10.0		91.0	76-140				
Methyl acetate	11		"	10.0		114	51-139				
Methyl tert-butyl ether (MTBE)	10		"	10.0		102	76-135				
Methylcyclohexane	10		"	10.0		103	72-143				
Methylene chloride	9.4		"	10.0		94.3	55-137				
o-Xylene	10		"	10.0		103	78-130				
p- & m- Xylenes	20		"	20.0		98.4	77-133				
Styrene	10		"	10.0		102	67-132				
Tetrachloroethylene	10		"	10.0		105	82-131				
Toluene	10		"	10.0		100	80-127				
trans-1,2-Dichloroethylene	9.5		"	10.0		94.7	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		105	78-131				
Trichloroethylene	10		"	10.0		103	82-128				
Trichlorofluoromethane	9.9		"	10.0		98.7	67-139				
Vinyl Chloride	8.6		"	10.0		85.7	58-145				
Surrogate: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: Toluene-d8	9.85		"	10.0		98.5	81-117				
Surrogate: p-Bromofluorobenzene	9.58		"	10.0		95.8	79-122				

LCS Dup (BK40632-BS1)

Prepared & Analyzed: 11/13/2014

1,1,1-Trichloroethane	8.5		ug/L	10.0		85.1	78-136		11.9	30	
1,1,2,2-Tetrachloroethane	12		"	10.0		116	76-129		9.10	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.6		"	10.0		86.0	54-165		7.28	30	
1,1,2-Trichloroethane	11		"	10.0		106	82-123		6.05	30	
1,1-Dichloroethane	8.5		"	10.0		84.6	82-129		7.95	30	
1,1-Dichloroethylene	8.7		"	10.0		86.7	68-138		5.28	30	
1,2,3-Trichlorobenzene	12		"	10.0		117	76-136		7.53	30	
1,2,4-Trichlorobenzene	11		"	10.0		113	76-137		7.71	30	
1,2-Dibromo-3-chloropropane	9.6		"	10.0		96.4	45-147		0.207	30	
1,2-Dibromoethane	10		"	10.0		99.8	83-124		10.4	30	
1,2-Dichlorobenzene	11		"	10.0		105	79-123		4.07	30	
1,2-Dichloroethane	8.5		"	10.0		85.0	73-132		13.7	30	
1,2-Dichloropropane	10		"	10.0		100	78-126		7.38	30	
1,3-Dichlorobenzene	11		"	10.0		109	86-122		5.46	30	
1,4-Dichlorobenzene	11		"	10.0		108	85-124		12.1	30	
2-Butanone	7.6		"	10.0		76.1	49-152		23.3	30	
2-Hexanone	9.2		"	10.0		92.0	51-146		14.5	30	
4-Methyl-2-pentanone	9.8		"	10.0		98.5	57-145		5.82	30	
Acetone	5.8		"	10.0		58.3	14-150		5.83	30	
Benzene	8.9		"	10.0		89.3	85-126		12.4	30	
Bromochloromethane	8.6		"	10.0		86.0	77-128		14.5	30	
Bromodichloromethane	9.6		"	10.0		96.4	79-128		4.96	30	
Bromoform	12		"	10.0		119	78-133		4.39	30	
Bromomethane	9.7		"	10.0		97.4	43-168		11.4	30	
Carbon disulfide	8.2		"	10.0		81.8	68-146		8.09	30	
Carbon tetrachloride	8.4		"	10.0		84.5	77-141		11.5	30	
Chlorobenzene	10		"	10.0		100	88-120		1.29	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40632 - EPA 5030B

LCS Dup (BK40632-BSD1)

Prepared & Analyzed: 11/13/2014

Chloroethane	8.2		ug/L	10.0		82.5	65-136		11.9	30	
Chloroform	8.4		"	10.0		83.6	82-128		12.8	30	
Chloromethane	8.6		"	10.0		86.3	43-155		14.6	30	
cis-1,2-Dichloroethylene	8.7		"	10.0		86.6	83-129		12.6	30	
cis-1,3-Dichloropropylene	10		"	10.0		102	80-131		8.45	30	
Cyclohexane	7.7		"	10.0		76.7	63-149		12.5	30	
Dibromochloromethane	10		"	10.0		105	80-130		7.62	30	
Dichlorodifluoromethane	7.6		"	10.0		76.2	44-144		16.2	30	
Ethyl Benzene	9.8		"	10.0		98.0	80-131		6.13	30	
Isopropylbenzene	11		"	10.0		106	76-140		15.1	30	
Methyl acetate	9.6		"	10.0		96.2	51-139		17.3	30	
Methyl tert-butyl ether (MTBE)	9.2		"	10.0		91.5	76-135		11.1	30	
Methylcyclohexane	9.9		"	10.0		98.6	72-143		4.46	30	
Methylene chloride	8.6		"	10.0		86.2	55-137		8.98	30	
o-Xylene	9.8		"	10.0		98.3	78-130		4.48	30	
p- & m- Xylenes	20		"	20.0		97.8	77-133		0.714	30	
Styrene	9.7		"	10.0		97.4	67-132		4.81	30	
Tetrachloroethylene	9.8		"	10.0		98.0	82-131		6.61	30	
Toluene	9.6		"	10.0		95.9	80-127		4.29	30	
trans-1,2-Dichloroethylene	8.7		"	10.0		86.7	80-132		8.82	30	
trans-1,3-Dichloropropylene	10		"	10.0		99.6	78-131		5.56	30	
Trichloroethylene	10		"	10.0		100	82-128		2.94	30	
Trichlorofluoromethane	8.5		"	10.0		84.8	67-139		15.1	30	
Vinyl Chloride	8.7		"	10.0		87.2	58-145		1.74	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>8.91</i>		<i>"</i>	<i>10.0</i>		<i>89.1</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.94</i>		<i>"</i>	<i>10.0</i>		<i>99.4</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>79-122</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0247-01	KWF-MW11R (196-200')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14K0247-02	KWF-MW11R (181-186')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14K0247-03	KWF-MW11R (166-171')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14K0247-04	KWF-MW11R (153-158')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14K0247-05	TRIP BLANK	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



CHAIN OF CUSTODY RECORD CHAZEN ENVIRONMENTAL SERVICES, INC.

14K0247

Dutchess County Office:
21 Fox Street
Poughkeepsie, New York 12601
Phone: 845-454-3980
Fax: 845-454-4026

Capital District Office:
547 River Street
Troy, New York 12180
Phone: 518-273-0055
Fax: 518-273-8391

North County Office:
100 Glen Street
Glens Falls, New York 12801
Phone: 518-812-0513
Fax: 518-812-2205

Attention: Will Oke
Project Name: KATONAH WELLS

Laboratory: YORK

Location: Katondh, NY

Turn Around Time: NONE

Level: ASP B / So. 1

Project Number: 41433.00 / TASK 0200

CT RCP Required?: Y (N) ONLY

Project Manager: KM

SAMPLE ID	DATE	TIME	Composit	Grab Sample	Matrix	Total # of Containers	Size	40 mL Vial	Liter	500 mL	250 mL	125 mL	8 oz. Soil	4 oz. Soil	2 oz. Soil	Other	ANALYSIS REQUESTED
							Type	CG									
KWF-MW11R (194-200)	11-5-14	9:15			S												TCL VOCs - 8260
KWF-MW11R:GW (196-200)	"	9:20			GW			3								1 3	
KWF-MW11R (181-195')	"	10:20			S											1 3	
KWF-MW11R:GW (181-196')	"	10:30			GW			3								1 3	
KWF-MW11R (169-170')	"	11:05			S											1 3	
KWF-MW11R:GW (166-171')	"	11:15			GW			3								1 3	
KWF-MW11R (155-156')	"	12:10			S											1 3	TCL VOCs - 8260
KWF-MW11R:GW (153-158')	"	12:20			GW			3								1 3	
TRIP BLANK	-	-															

Please Identify Matrix:

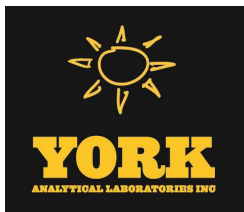
GW • Groundwater SW • Surface Water DW • Drinking Water SS • Soil Sample SD • Sediment Sample SL • Sludge PS • Process Sample Other (Please Specify)

Sampled By: Will Oke Date: 11-5-14 Time: 1101 Company: YORK

Relinquished By: Joe Mote Date: 11-6-14 Time: 1100 Company: YORK

Received By: Joe Mote Date: 11-6-14 Time: 1540 Company: YORK

Received By: Joe Mote Date: 11-6-14 Time: 1540 Company: YORK



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Will Olsen

Report Date: 11/14/2014

Client Project ID: 41433.00/TASK 0200

York Project (SDG) No.: 14K0246

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/14/2014
Client Project ID: 41433.00/TASK 0200
York Project (SDG) No.: 14K0246

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 06, 2014 and listed below. The project was identified as your project: **41433.00/TASK 0200**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0246-01	KWF-MW11R (199-200')	Soil	11/05/2014	11/06/2014
14K0246-02	KWF-MW11R (184-185')	Soil	11/05/2014	11/06/2014
14K0246-03	KWF-MW11R (169-170')	Soil	11/05/2014	11/06/2014
14K0246-04	KWF-MW11R (155-156')	Soil	11/05/2014	11/06/2014

General Notes for York Project (SDG) No.: 14K0246

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/14/2014





Sample Information

Client Sample ID: KWF-MW11R (199-200')

York Sample ID: 14K0246-01

York Project (SDG) No.

14K0246

Client Project ID

41433.00/TASK 0200

Matrix

Soil

Collection Date/Time

November 5, 2014 9:15 am

Date Received

11/06/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS



Sample Information

Client Sample ID: KWF-MW11R (199-200')

York Sample ID: 14K0246-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0246

41433.00/TASK 0200

Soil

November 5, 2014 9:15 am

11/06/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-09-2	Methylene chloride	0.0074	J	mg/kg dry	0.0054	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS

Surrogate Recoveries		Result	Acceptance Range
460-00-4	Surrogate: p-Bromofluorobenzene	92.4 %	76-130
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	77-125
2037-26-5	Surrogate: Toluene-d8	98.6 %	85-120

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.9		%	0.100	0.100	1	SM 2540G	11/13/2014 08:53	11/13/2014 14:27	KK

Sample Information

Client Sample ID: KWF-MW11R (184-185')

York Sample ID: 14K0246-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0246

41433.00/TASK 0200

Soil

November 5, 2014 10:20 am

11/06/2014



Sample Information

Client Sample ID: KWF-MW11R (184-185')

York Sample ID: 14K0246-02

York Project (SDG) No.
14K0246

Client Project ID
41433.00/TASK 0200

Matrix
Soil

Collection Date/Time
November 5, 2014 10:20 am

Date Received
11/06/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS



Sample Information

Client Sample ID: KWF-MW11R (184-185')

York Sample ID: 14K0246-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0246

41433.00/TASK 0200

Soil

November 5, 2014 10:20 am

11/06/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-09-2	Methylene chloride	0.0065	J	mg/kg dry	0.0050	0.010	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	93.4 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	97.0		%	0.100	0.100	1	SM 2540G	11/13/2014 08:53	11/13/2014 14:27	KK

Sample Information

Client Sample ID: KWF-MW11R (169-170')

York Sample ID: 14K0246-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0246

41433.00/TASK 0200

Soil

November 5, 2014 11:05 am

11/06/2014



Sample Information

Client Sample ID: KWF-MW11R (169-170')

York Sample ID: 14K0246-03

York Project (SDG) No.
14K0246

Client Project ID
41433.00/TASK 0200

Matrix
Soil

Collection Date/Time
November 5, 2014 11:05 am

Date Received
11/06/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS



Sample Information

Client Sample ID: KWF-MW11R (169-170')

York Sample ID: 14K0246-03

York Project (SDG) No.
14K0246

Client Project ID
41433.00/TASK 0200

Matrix
Soil

Collection Date/Time
November 5, 2014 11:05 am

Date Received
11/06/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-09-2	Methylene chloride	0.0070	J	mg/kg dry	0.0053	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	89.6 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.1		%	0.100	0.100	1	SM 2540G	11/13/2014 08:53	11/13/2014 14:27	KK

Sample Information

Client Sample ID: KWF-MW11R (155-156')

York Sample ID: 14K0246-04

York Project (SDG) No.
14K0246

Client Project ID
41433.00/TASK 0200

Matrix
Soil

Collection Date/Time
November 5, 2014 12:10 pm

Date Received
11/06/2014



Sample Information

Client Sample ID: KWF-MW11R (155-156')

York Sample ID: 14K0246-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0246

41433.00/TASK 0200

Soil

November 5, 2014 12:10 pm

11/06/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS



Sample Information

Client Sample ID: KWF-MW11R (155-156')

York Sample ID: 14K0246-04

York Project (SDG) No.

14K0246

Client Project ID

41433.00/TASK 0200

Matrix

Soil

Collection Date/Time

November 5, 2014 12:10 pm

Date Received

11/06/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-09-2	Methylene chloride	0.0074	J	mg/kg dry	0.0054	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	89.8 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	77-125								
2037-26-5	Surrogate: Toluene-d8	100 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.9		%	0.100	0.100	1	SM 2540G	11/13/2014 08:53	11/13/2014 14:27	KK



Analytical Batch Summary

Batch ID: BK40600

Preparation Method: % Solids Prep

Prepared By: KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0246-01	KWF-MW11R (199-200')	11/13/14
14K0246-02	KWF-MW11R (184-185')	11/13/14
14K0246-03	KWF-MW11R (169-170')	11/13/14
14K0246-04	KWF-MW11R (155-156')	11/13/14

Batch ID: BK40654

Preparation Method: EPA 5035A

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0246-01	KWF-MW11R (199-200')	11/13/14
14K0246-02	KWF-MW11R (184-185')	11/13/14
14K0246-03	KWF-MW11R (169-170')	11/13/14
14K0246-04	KWF-MW11R (155-156')	11/13/14
BK40654-BLK1	Blank	11/13/14
BK40654-BS1	LCS	11/13/14
BK40654-BSD1	LCS Dup	11/13/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40654 - EPA 5035A

Blank (BK40654-BLK1)

Prepared: 11/13/2014 Analyzed: 11/14/2014

Acetone	ND	0.010	mg/kg wet
Benzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
2-Butanone	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
Cyclohexane	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
Dichlorodifluoromethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
trans-1,3-Dichloropropylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
Ethyl Benzene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"
Methylene chloride	ND	0.010	"
4-Methyl-2-pentanone	ND	0.0050	"
Styrene	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Toluene	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
o-Xylene	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40654 - EPA 5035A

Blank (BK40654-BLK1)

Prepared: 11/13/2014 Analyzed: 11/14/2014

p- & m- Xylenes	ND	0.010	mg/kg wet								
Xylenes, Total	ND	0.015	"								
Surrogate: p-Bromofluorobenzene	48.4		ug/L	50.0		96.9	76-130				
Surrogate: 1,2-Dichloroethane-d4	48.8		"	50.0		97.5	77-125				
Surrogate: Toluene-d8	51.0		"	50.0		102	85-120				

LCS (BK40654-BS1)

Prepared: 11/13/2014 Analyzed: 11/14/2014

Acetone	56		ug/L	50.0		112	36-155				
Benzene	56		"	50.0		112	77-127				
Bromochloromethane	58		"	50.0		117	74-129				
Bromodichloromethane	55		"	50.0		110	81-124				
Bromoform	58		"	50.0		116	80-136				
Bromomethane	51		"	50.0		101	32-177				
2-Butanone	59		"	50.0		118	58-147				
Carbon disulfide	53		"	50.0		107	10-136				
Carbon tetrachloride	53		"	50.0		105	66-143				
Chlorobenzene	53		"	50.0		106	86-120				
Chloroethane	53		"	50.0		106	51-142				
Chloroform	54		"	50.0		108	76-131				
Chloromethane	54		"	50.0		108	49-132				
Cyclohexane	52		"	50.0		105	70-130				
1,2-Dibromo-3-chloropropane	61		"	50.0		121	74-142				
Dibromochloromethane	57		"	50.0		114	10-200				
1,2-Dibromoethane	54		"	50.0		109	86-123				
1,2-Dichlorobenzene	53		"	50.0		107	85-122				
1,3-Dichlorobenzene	50		"	50.0		100	84-124				
1,4-Dichlorobenzene	51		"	50.0		102	84-124				
Dichlorodifluoromethane	44		"	50.0		88.7	28-158				
1,1-Dichloroethane	54		"	50.0		109	75-130				
1,2-Dichloroethane	52		"	50.0		104	71-133				
1,1-Dichloroethylene	53		"	50.0		105	64-137				
trans-1,2-Dichloroethylene	53		"	50.0		105	72-132				
cis-1,2-Dichloroethylene	55		"	50.0		111	74-132				
1,2-Dichloropropane	53		"	50.0		107	81-122				
trans-1,3-Dichloropropylene	52		"	50.0		103	78-132				
cis-1,3-Dichloropropylene	55		"	50.0		109	81-129				
1,4-Dioxane	1100		"	1000		111	10-228				
Ethyl Benzene	53		"	50.0		105	84-125				
2-Hexanone	57		"	50.0		113	70-139				
Isopropylbenzene	52		"	50.0		103	81-127				
Methyl acetate	55		"	50.0		111	41-143				
Methyl tert-butyl ether (MTBE)	56		"	50.0		113	74-131				
Methylcyclohexane	50		"	50.0		99.4	70-130				
Methylene chloride	63		"	50.0		127	57-141				
4-Methyl-2-pentanone	58		"	50.0		117	72-132				
Styrene	50		"	50.0		101	86-126				
1,1,2,2-Tetrachloroethane	57		"	50.0		113	79-129				
Tetrachloroethylene	56		"	50.0		112	80-129				
Toluene	53		"	50.0		106	85-121				
1,2,4-Trichlorobenzene	49		"	50.0		97.9	80-141				
1,2,3-Trichlorobenzene	53		"	50.0		105	81-140				
1,1,1-Trichloroethane	55		"	50.0		110	71-137				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40654 - EPA 5035A

LCS (BK40654-BS1)

Prepared: 11/13/2014 Analyzed: 11/14/2014

1,1,2-Trichloroethane	57		ug/L	50.0		113	83-123				
Trichloroethylene	54		"	50.0		108	84-123				
Trichlorofluoromethane	50		"	50.0		99.9	62-140				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		100	58-146				
Vinyl Chloride	53		"	50.0		105	52-130				
o-Xylene	51		"	50.0		103	83-123				
p- & m- Xylenes	99		"	100		98.7	82-128				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.4</i>		<i>"</i>	<i>50.0</i>		<i>98.7</i>	<i>76-130</i>				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>48.8</i>		<i>"</i>	<i>50.0</i>		<i>97.5</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.3</i>		<i>"</i>	<i>50.0</i>		<i>98.5</i>	<i>85-120</i>				

LCS Dup (BK40654-BSD1)

Prepared: 11/13/2014 Analyzed: 11/14/2014

Acetone	54		ug/L	50.0		107	36-155		4.10	30	
Benzene	57		"	50.0		114	77-127		1.66	30	
Bromochloromethane	59		"	50.0		118	74-129		0.768	30	
Bromodichloromethane	56		"	50.0		113	81-124		2.25	30	
Bromoform	57		"	50.0		113	80-136		2.23	30	
Bromomethane	53		"	50.0		105	32-177		4.03	30	
2-Butanone	65		"	50.0		129	58-147		9.15	30	
Carbon disulfide	54		"	50.0		107	10-136		0.355	30	
Carbon tetrachloride	53		"	50.0		106	66-143		0.284	30	
Chlorobenzene	53		"	50.0		105	86-120		0.379	30	
Chloroethane	54		"	50.0		108	51-142		1.80	30	
Chloroform	54		"	50.0		109	76-131		0.388	30	
Chloromethane	54		"	50.0		109	49-132		0.184	30	
Cyclohexane	51		"	50.0		102	70-130		2.59	30	
1,2-Dibromo-3-chloropropane	59		"	50.0		118	74-142		2.93	30	
Dibromochloromethane	57		"	50.0		113	10-200		0.758	30	
1,2-Dibromoethane	57		"	50.0		113	86-123		4.27	30	
1,2-Dichlorobenzene	52		"	50.0		105	85-122		1.98	30	
1,3-Dichlorobenzene	50		"	50.0		99.2	84-124		0.983	30	
1,4-Dichlorobenzene	48		"	50.0		96.4	84-124		6.13	30	
Dichlorodifluoromethane	45		"	50.0		89.3	28-158		0.674	30	
1,1-Dichloroethane	55		"	50.0		109	75-130		0.385	30	
1,2-Dichloroethane	53		"	50.0		107	71-133		2.91	30	
1,1-Dichloroethylene	52		"	50.0		104	64-137		0.878	30	
trans-1,2-Dichloroethylene	53		"	50.0		107	72-132		1.44	30	
cis-1,2-Dichloroethylene	56		"	50.0		113	74-132		1.64	30	
1,2-Dichloropropane	55		"	50.0		110	81-122		3.42	30	
trans-1,3-Dichloropropylene	52		"	50.0		105	78-132		1.19	30	
cis-1,3-Dichloropropylene	54		"	50.0		108	81-129		1.32	30	
1,4-Dioxane	1100		"	1000		115	10-228		3.73	30	
Ethyl Benzene	53		"	50.0		107	84-125		1.57	30	
2-Hexanone	60		"	50.0		119	70-139		5.06	30	
Isopropylbenzene	50		"	50.0		99.8	81-127		3.33	30	
Methyl acetate	59		"	50.0		119	41-143		6.81	30	
Methyl tert-butyl ether (MTBE)	56		"	50.0		113	74-131		0.284	30	
Methylcyclohexane	51		"	50.0		101	70-130		1.91	30	
Methylene chloride	54		"	50.0		108	57-141		16.1	30	
4-Methyl-2-pentanone	61		"	50.0		121	72-132		3.72	30	
Styrene	52		"	50.0		104	86-126		3.13	30	
1,1,1,2,2-Tetrachloroethane	56		"	50.0		113	79-129		0.318	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

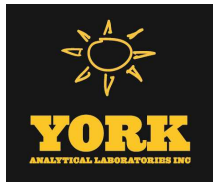
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40654 - EPA 5035A

LCS Dup (BK40654-BSD1)

Prepared: 11/13/2014 Analyzed: 11/14/2014

Tetrachloroethylene	56		ug/L	50.0		112	80-129		0.0716	30	
Toluene	53		"	50.0		105	85-121		1.12	30	
1,2,4-Trichlorobenzene	48		"	50.0		96.8	80-141		1.21	30	
1,2,3-Trichlorobenzene	51		"	50.0		103	81-140		2.50	30	
1,1,1-Trichloroethane	54		"	50.0		109	71-137		0.990	30	
1,1,2-Trichloroethane	56		"	50.0		113	83-123		0.354	30	
Trichloroethylene	55		"	50.0		109	84-123		1.29	30	
Trichlorofluoromethane	48		"	50.0		96.6	62-140		3.42	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		99.0	58-146		1.07	30	
Vinyl Chloride	52		"	50.0		105	52-130		0.286	30	
o-Xylene	52		"	50.0		103	83-123		0.447	30	
p- & m- Xylenes	100		"	100		101	82-128		2.61	30	
<i>Surrogate: p-Bromofluorobenzene</i>	<i>47.3</i>		<i>"</i>	<i>50.0</i>		<i>94.7</i>	<i>76-130</i>				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>52.7</i>		<i>"</i>	<i>50.0</i>		<i>105</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>50.3</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>85-120</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0246-01	KWF-MW11R (199-200')	Encore Sampler
14K0246-02	KWF-MW11R (184-185')	Encore Sampler
14K0246-03	KWF-MW11R (169-170')	Encore Sampler
14K0246-04	KWF-MW11R (155-156')	Encore Sampler



Notes and Definitions

J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.

For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

CHAIN OF CUSTODY RECORD CHAZEN ENVIRONMENTAL SERVICES, INC.

14K0246

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Attention: Will Oke
Project Name: KATONAH WELLS
Location: Katondah, NY
Project Number: 41433.00 / TASK 0200
Project Manager: KM

P.O. # P 16496

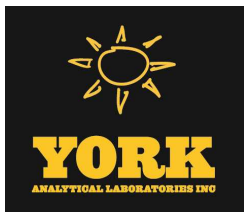
Laboratory: YORK
Turn Around Time: Normal
Level: ASP B / So. 1
CT RCP Required?: Y/N ONLY

SAMPLE ID	DATE	TIME	Composit	Grab Sample	Matrix	Total # of Containers	Size	40 mL Vial	Liter	500 mL	250 mL	125 mL	8 oz. Soil	4 oz. Soil	2 oz. Soil	Other	ANALYSIS REQUESTED
							Type	Pres.									
KWLF-MW11R (199-200)	11-5-14	9:45			S												
KWLF-MW11R:GW (196-200)	"	9:20			GW			3							1	3	TCL VOCs - 8260
KWLF-MW11R (181-185)	"	10:20			S										1	3	
KWLF-MW11R:GW (181-186)	"	10:30			GW			3									
KWLF-MW11R (169-170)	"	11:05			S										1	3	
KWLF-MW11R:GW (166-171)	"	11:15			GW			3									
KWLF-MW11R (155-156)	"	12:10			S										1	3	
KWLF-MW11R:GW (153-154)	"	12:20			GW			3									
TRIP BLANK	-	-															

Please Identify Matrix: GW • Groundwater SW • Surface Water DW • Drinking Water SS • Soil Sample SD • Sediment Sample PS • Process Sample Other (Please Specify)
Container Type: CG = Clear Glass - AG = Amber Glass PL = Plastic

Sampled By: Will Oke Date: 11-5-14 Time: 1101 Company: YORK
Relinquished By: Will Oke Date: 11-6-14 Time: 1100 Company: YORK
Received By: Chaz Chazen Date: 11-6-14 Time: 1540 Company: YORK
Received By: TC Gabrielson Date: 11/6/14 Time: 5.1°C Company: YORK

PLEASE NOTE: White Top Sheet - Report Copy (Please return along with completed Lab Results)
Yellow Sheet - Laboratory File Copy
Pink Sheet - Chazen Copy
Please Print



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Will Olsen

Report Date: 11/12/2014

Client Project ID: 41433.00 TASK 0200 KATONAH WELLS

York Project (SDG) No.: 14K0155

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/12/2014
Client Project ID: 41433.00 TASK 0200 KATONAH WELLS
York Project (SDG) No.: 14K0155

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 05, 2014 and listed below. The project was identified as your project: **41433.00 TASK 0200 KATONAH WELLS**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0155-01	KWF-MW1S:GW (197-200')	Water	11/04/2014	11/05/2014
14K0155-02	KWF-MW1S:GW (182-187')	Water	11/04/2014	11/05/2014
14K0155-03	KWF-MW1S:GW (167-172')	Water	11/04/2014	11/05/2014
14K0155-04	KWF-MW1S:GW (153-158')	Water	11/04/2014	11/05/2014
14K0155-05	TRIP BLANK	Water	11/04/2014	11/05/2014

General Notes for York Project (SDG) No.: 14K0155

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/12/2014





Sample Information

Client Sample ID: KWF-MW1S:GW (197-200')

York Sample ID: 14K0155-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 8:45 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS



Sample Information

Client Sample ID: KWF-MW1S:GW (197-200')

York Sample ID: 14K0155-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 8:45 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-09-2	Methylene chloride	2.2	CCV-E, B	ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
127-18-4	Tetrachloroethylene	0.66		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	69-130								
2037-26-5	Surrogate: Toluene-d8	90.6 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	79-122								

Sample Information

Client Sample ID: KWF-MW1S:GW (182-187')

York Sample ID: 14K0155-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 9:45 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS



Sample Information

Client Sample ID: KWF-MW1S:GW (182-187')

York Sample ID: 14K0155-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 9:45 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
67-64-1	Acetone	1.2	CCV-E, J	ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-27-4	Bromodichloromethane	2.4		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
67-66-3	Chloroform	23		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS



Sample Information

Client Sample ID: KWF-MW1S:GW (182-187')

York Sample ID: 14K0155-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 9:45 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-09-2	Methylene chloride	3.1	CCV-E, B	ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
127-18-4	Tetrachloroethylene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	69-130								
2037-26-5	Surrogate: Toluene-d8	90.0 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	97.2 %	79-122								

Sample Information

Client Sample ID: KWF-MW1S:GW (167-172')

York Sample ID: 14K0155-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 10:20 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS



Sample Information

Client Sample ID: KWF-MW1S:GW (167-172')

York Sample ID: 14K0155-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 10:20 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-27-4	Bromodichloromethane	3.2		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
67-66-3	Chloroform	28		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS



Sample Information

Client Sample ID: KWF-MW1S:GW (167-172')

York Sample ID: 14K0155-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 10:20 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	2.9	CCV-E, B	ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	121 %	69-130								
2037-26-5	Surrogate: Toluene-d8	92.9 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	99.9 %	79-122								

Sample Information

Client Sample ID: KWF-MW1S:GW (153-158')

York Sample ID: 14K0155-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 11:30 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS



Sample Information

Client Sample ID: KWF-MW1S:GW (153-158')

York Sample ID: 14K0155-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 11:30 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
78-93-3	2-Butanone	0.52		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-27-4	Bromodichloromethane	3.2		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
67-66-3	Chloroform	29		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-09-2	Methylene chloride	2.8	CCV-E, B	ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS



Sample Information

Client Sample ID: KWF-MW1S:GW (153-158')

York Sample ID: 14K0155-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 11:30 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %			69-130						
2037-26-5	Surrogate: Toluene-d8	91.3 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	100 %			79-122						

Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14K0155-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 3:00 pm

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14K0155-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 3:00 pm

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
67-64-1	Acetone	1.2	J	ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-09-2	Methylene chloride	3.3	CCV-E, B	ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14K0155-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 3:00 pm

11/05/2014

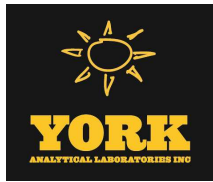
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	133 %	S-08	69-130							
2037-26-5	Surrogate: Toluene-d8	82.2 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	98.2 %		79-122							



Analytical Batch Summary

Batch ID: BK40498

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0155-01	KWF-MW1S:GW (197-200')	11/11/14
14K0155-02	KWF-MW1S:GW (182-187')	11/11/14
14K0155-03	KWF-MW1S:GW (167-172')	11/11/14
14K0155-04	KWF-MW1S:GW (153-158')	11/11/14
14K0155-05	TRIP BLANK	11/11/14
BK40498-BLK1	Blank	11/11/14
BK40498-BS1	LCS	11/11/14
BK40498-BSD1	LCS Dup	11/11/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40498 - EPA 5030B											
Blank (BK40498-BLK1)											
Prepared: 11/11/2014 Analyzed: 11/12/2014											
1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.35	0.50	"								
1,2,4-Trichlorobenzene	0.41	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	6.7	2.0	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
Styrene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40498 - EPA 5030B

Blank (BK40498-BLK1)

Prepared: 11/11/2014 Analyzed: 11/12/2014

Xylenes, Total	ND	1.5	ug/L								
Surrogate: 1,2-Dichloroethane-d4	23.8		"	10.0		238	69-130				
Surrogate: Toluene-d8	9.19		"	10.0		91.9	81-117				
Surrogate: p-Bromofluorobenzene	9.49		"	10.0		94.9	79-122				

LCS (BK40498-BS1)

Prepared & Analyzed: 11/11/2014

1,1,1-Trichloroethane	13		ug/L	10.0		133	78-136				
1,1,2,2-Tetrachloroethane	8.8		"	10.0		88.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13		"	10.0		126	54-165				
1,1,2-Trichloroethane	9.6		"	10.0		96.4	82-123				
1,1-Dichloroethane	12		"	10.0		125	82-129				
1,1-Dichloroethylene	13		"	10.0		127	68-138				
1,2,3-Trichlorobenzene	9.9		"	10.0		99.2	76-136				
1,2,4-Trichlorobenzene	9.2		"	10.0		91.8	76-137				
1,2-Dibromo-3-chloropropane	9.8		"	10.0		98.2	45-147				
1,2-Dibromoethane	9.8		"	10.0		98.5	83-124				
1,2-Dichlorobenzene	9.3		"	10.0		92.8	79-123				
1,2-Dichloroethane	13		"	10.0		126	73-132				
1,2-Dichloropropane	9.8		"	10.0		97.9	78-126				
1,3-Dichlorobenzene	9.2		"	10.0		92.1	86-122				
1,4-Dichlorobenzene	9.2		"	10.0		91.8	85-124				
2-Butanone	13		"	10.0		133	49-152				
2-Hexanone	10		"	10.0		101	51-146				
4-Methyl-2-pentanone	10		"	10.0		102	57-145				
Acetone	14		"	10.0		139	14-150				
Benzene	12		"	10.0		118	85-126				
Bromochloromethane	12		"	10.0		124	77-128				
Bromodichloromethane	10		"	10.0		100	79-128				
Bromoform	9.6		"	10.0		96.3	78-133				
Bromomethane	12		"	10.0		118	43-168				
Carbon disulfide	12		"	10.0		119	68-146				
Carbon tetrachloride	14		"	10.0		139	77-141				
Chlorobenzene	10		"	10.0		99.8	88-120				
Chloroethane	12		"	10.0		115	65-136				
Chloroform	12		"	10.0		123	82-128				
Chloromethane	13		"	10.0		126	43-155				
cis-1,2-Dichloroethylene	13		"	10.0		128	83-129				
cis-1,3-Dichloropropylene	9.5		"	10.0		95.3	80-131				
Cyclohexane	13		"	10.0		131	63-149				
Dibromochloromethane	10		"	10.0		101	80-130				
Dichlorodifluoromethane	12		"	10.0		117	44-144				
Ethyl Benzene	10		"	10.0		102	80-131				
Isopropylbenzene	9.8		"	10.0		97.5	76-140				
Methyl acetate	9.9		"	10.0		99.0	51-139				
Methyl tert-butyl ether (MTBE)	12		"	10.0		120	76-135				
Methylcyclohexane	11		"	10.0		108	72-143				
Methylene chloride	19		"	10.0		188	55-137	High Bias			
o-Xylene	10		"	10.0		99.8	78-130				
p- & m- Xylenes	20		"	20.0		99.0	77-133				
Styrene	10		"	10.0		101	67-132				
Tetrachloroethylene	10		"	10.0		99.5	82-131				
Toluene	10		"	10.0		100	80-127				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40498 - EPA 5030B											
LCS (BK40498-BS1)						Prepared & Analyzed: 11/11/2014					
trans-1,2-Dichloroethylene	12		ug/L	10.0		122	80-132				
trans-1,3-Dichloropropylene	9.7		"	10.0		97.2	78-131				
Trichloroethylene	9.8		"	10.0		97.5	82-128				
Trichlorofluoromethane	13		"	10.0		131	67-139				
Vinyl Chloride	12		"	10.0		122	58-145				
Surrogate: 1,2-Dichloroethane-d4	11.5		"	10.0		115	69-130				
Surrogate: Toluene-d8	9.34		"	10.0		93.4	81-117				
Surrogate: p-Bromofluorobenzene	9.57		"	10.0		95.7	79-122				
LCS Dup (BK40498-BSD1)						Prepared: 11/11/2014 Analyzed: 11/12/2014					
1,1,1-Trichloroethane	13		ug/L	10.0		130	78-136		2.66	30	
1,1,2,2-Tetrachloroethane	9.2		"	10.0		92.3	76-129		4.54	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		123	54-165		2.09	30	
1,1,2-Trichloroethane	9.6		"	10.0		96.0	82-123		0.416	30	
1,1-Dichloroethane	12		"	10.0		120	82-129		3.59	30	
1,1-Dichloroethylene	13		"	10.0		128	68-138		0.941	30	
1,2,3-Trichlorobenzene	10		"	10.0		102	76-136		2.29	30	
1,2,4-Trichlorobenzene	9.6		"	10.0		95.9	76-137		4.37	30	
1,2-Dibromo-3-chloropropane	11		"	10.0		112	45-147		13.6	30	
1,2-Dibromoethane	10		"	10.0		103	83-124		4.08	30	
1,2-Dichlorobenzene	9.4		"	10.0		94.1	79-123		1.39	30	
1,2-Dichloroethane	13		"	10.0		127	73-132		0.709	30	
1,2-Dichloropropane	11		"	10.0		106	78-126		7.57	30	
1,3-Dichlorobenzene	9.8		"	10.0		98.3	86-122		6.51	30	
1,4-Dichlorobenzene	9.7		"	10.0		97.4	85-124		5.92	30	
2-Butanone	14		"	10.0		136	49-152		2.46	30	
2-Hexanone	12		"	10.0		116	51-146		13.9	30	
4-Methyl-2-pentanone	12		"	10.0		119	57-145		15.4	30	
Acetone	12		"	10.0		125	14-150		10.6	30	
Benzene	12		"	10.0		116	85-126		2.23	30	
Bromochloromethane	12		"	10.0		116	77-128		6.42	30	
Bromodichloromethane	11		"	10.0		110	79-128		9.61	30	
Bromoform	11		"	10.0		109	78-133		12.4	30	
Bromomethane	11		"	10.0		110	43-168		7.01	30	
Carbon disulfide	12		"	10.0		116	68-146		2.73	30	
Carbon tetrachloride	14		"	10.0		137	77-141		1.16	30	
Chlorobenzene	11		"	10.0		106	88-120		6.12	30	
Chloroethane	12		"	10.0		116	65-136		1.12	30	
Chloroform	12		"	10.0		120	82-128		2.55	30	
Chloromethane	12		"	10.0		120	43-155		5.11	30	
cis-1,2-Dichloroethylene	13		"	10.0		126	83-129		0.787	30	
cis-1,3-Dichloropropylene	11		"	10.0		106	80-131		10.3	30	
Cyclohexane	14		"	10.0		135	63-149		2.85	30	
Dibromochloromethane	11		"	10.0		105	80-130		4.36	30	
Dichlorodifluoromethane	12		"	10.0		120	44-144		1.94	30	
Ethyl Benzene	11		"	10.0		108	80-131		6.30	30	
Isopropylbenzene	10		"	10.0		103	76-140		5.39	30	
Methyl acetate	8.6		"	10.0		85.7	51-139		14.4	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		113	76-135		5.85	30	
Methylcyclohexane	12		"	10.0		117	72-143		7.84	30	
Methylene chloride	19		"	10.0		186	55-137	High Bias	1.18	30	
o-Xylene	11		"	10.0		112	78-130		11.8	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40498 - EPA 5030B

LCS Dup (BK40498-BSD1)

Prepared: 11/11/2014 Analyzed: 11/12/2014

p- & m- Xylenes	22		ug/L	20.0		108	77-133		8.88	30	
Styrene	11		"	10.0		113	67-132		11.3	30	
Tetrachloroethylene	10		"	10.0		103	82-131		3.17	30	
Toluene	10		"	10.0		101	80-127		0.795	30	
trans-1,2-Dichloroethylene	12		"	10.0		120	80-132		2.15	30	
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131		6.86	30	
Trichloroethylene	11		"	10.0		109	82-128		11.0	30	
Trichlorofluoromethane	13		"	10.0		132	67-139		0.762	30	
Vinyl Chloride	12		"	10.0		123	58-145		0.0816	30	
Surrogate: 1,2-Dichloroethane-d4	11.2		"	10.0		112	69-130				
Surrogate: Toluene-d8	9.37		"	10.0		93.7	81-117				
Surrogate: p-Bromofluorobenzene	9.91		"	10.0		99.1	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0155-01	KWF-MW1S:GW (197-200')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14K0155-02	KWF-MW1S:GW (182-187')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14K0155-03	KWF-MW1S:GW (167-172')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14K0155-04	KWF-MW1S:GW (153-158')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14K0155-05	TRIP BLANK	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

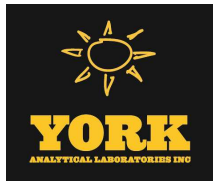
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.



Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

Field Chain-of-Custody Record

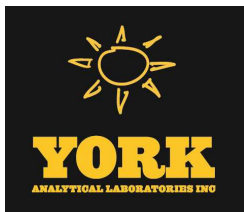
NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. **14K0155**

YOUR INFORMATION Company: <u>The Chazen Company</u> Address: <u>21 Fox Street</u> Phone No. <u>315-454-3980</u> Contact Person: <u>William G. Olsen</u> E-Mail Address: <u>W.Olsen@chazencorporation.com</u>		Report To: Company: <u>Chazen</u> Address: _____ Phone No. _____ Attention: <u>W. Olsen</u> E-Mail Address: _____		Invoice To: Company: <u>Chazen</u> Address: _____ Phone No. _____ Attention: <u>W. Olsen</u> E-Mail Address: _____		YOUR Project ID <u>41433.00</u> <u>TASK 0200</u> <u>KATONAH WELLS</u> Purchase Order No. <u>P 16496</u>		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Report Type Summary Report ☒ Summary w/ QA Summary ☐ CT RCP Package ☐ CTRCP DQA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☒ NJDEP Red. Deliv. ☐ Electronic Data Deliverables (EDD) ☐ Simple Excel ☒ NYSDEC EQUIS ☐ EQUIS (std) ☐ EZ-EDD (EQUIS) ☐ NJDEP SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other ☐ York Regulatory Comparison ☐ Excel Spreadsheet ☐ Compare to the following Regs. (please fill in): _____	

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
KWF-MW15 (199-200')	11-4-14 8:35	S	TCL VOCs - 8260	3x Encore; 1x 202
KWF-MW15 (197-200')	" 8:45	GW		3x 40ml VOA w/ HCL
KWF-MW15 (194-185')	" 9:35	S		3x Encore; 1x 202
KWF-MW15: GW (182-187')	" 9:45	GW		3x 40ml VOA w/ HCL
KWF-MW15: GW (167-172')	" 10:20	GW		" " " "
KWF-MW15 (169-170')	" 10:30	S		3x Encore; 1x 202
KWF-MW15 (157-158')	" 11:15	S		" " " "
KWF-MW15: GW (153-158')	" 11:30	GW		3x 40ml VOA w/ HCL
KWF-FD-XX1	" XX:XX	S		3x Encore; 1x 202
TRIP BLANK		DI		2x 40ml VOA w/ HCL

Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐	4°C ☒ Frozen ☒ HCl ☒ MeOH ☒ ZnAc ☒ Ascorbic Acid ☒	HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ Other ☐	Samples Relinquished By <u>S. Facer</u> Date/Time <u>11/5/14</u> Samples Relinquished By <u>Chazen</u> Date/Time <u>11/5/14 9:10</u> Samples Relinquished By <u>Chazen</u> Date/Time <u>11/5/14 1550</u>	Temperature on Receipt <u>5.1 °C</u>



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Will Olsen

Report Date: 11/13/2014

Client Project ID: 41433.00 TASK 0200 KATONAH WELLS

York Project (SDG) No.: 14K0151

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/13/2014
Client Project ID: 41433.00 TASK 0200 KATONAH WELLS
York Project (SDG) No.: 14K0151

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 05, 2014 and listed below. The project was identified as your project: **41433.00 TASK 0200 KATONAH WELLS**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0151-01	KWF-MW1S (199-200')	Soil	11/04/2014	11/05/2014
14K0151-02	KWF-MW1S (184-185')	Soil	11/04/2014	11/05/2014
14K0151-03	KWF-MW1S (169-170')	Soil	11/04/2014	11/05/2014
14K0151-04	KWF-MW1S (157-158')	Soil	11/04/2014	11/05/2014
14K0151-05	KWF-FD-XX1	Soil	11/04/2014	11/05/2014

General Notes for York Project (SDG) No.: 14K0151

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/13/2014





Sample Information

Client Sample ID: KWF-MW1S (199-200')

York Sample ID: 14K0151-01

York Project (SDG) No.

14K0151

Client Project ID

41433.00 TASK 0200 KATONAH WELLS

Matrix

Soil

Collection Date/Time

November 4, 2014 8:35 am

Date Received

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK



Sample Information

Client Sample ID: KWF-MW1S (199-200')

York Sample ID: 14K0151-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 8:35 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0086	0.017	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	88.3 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	77-125								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.6		%	0.100	0.100	1	SM 2540G	11/12/2014 10:54	11/12/2014 16:28	SCA

Sample Information

Client Sample ID: KWF-MW1S (184-185')

York Sample ID: 14K0151-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 9:35 am

11/05/2014



Sample Information

Client Sample ID: KWF-MW1S (184-185')

York Sample ID: 14K0151-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 9:35 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK



Sample Information

Client Sample ID: KWF-MW1S (184-185')

York Sample ID: 14K0151-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 9:35 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	87.3 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	77-125								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.8		%	0.100	0.100	1	SM 2540G	11/12/2014 10:54	11/12/2014 16:28	SCA

Sample Information

Client Sample ID: KWF-MW1S (169-170')

York Sample ID: 14K0151-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 10:30 am

11/05/2014



Sample Information

Client Sample ID: KWF-MW1S (169-170')

York Sample ID: 14K0151-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 10:30 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS



Sample Information

Client Sample ID: KWF-MW1S (169-170')

York Sample ID: 14K0151-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 10:30 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	90.5 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.3		%	0.100	0.100	1	SM 2540G	11/12/2014 10:54	11/12/2014 16:28	SCA

Sample Information

Client Sample ID: KWF-MW1S (157-158')

York Sample ID: 14K0151-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 11:15 am

11/05/2014



Sample Information

Client Sample ID: KWF-MW1S (157-158')

York Sample ID: 14K0151-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 11:15 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS



Sample Information

Client Sample ID: KWF-MW1S (157-158')

York Sample ID: 14K0151-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 11:15 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-09-2	Methylene chloride	0.0061	J	mg/kg dry	0.0049	0.0098	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	91.3 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.5		%	0.100	0.100	1	SM 2540G	11/12/2014 10:54	11/12/2014 16:28	SCA

Sample Information

Client Sample ID: KWF-FD-XX1

York Sample ID: 14K0151-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 3:00 pm

11/05/2014



Sample Information

Client Sample ID: KWF-FD-XX1

York Sample ID: 14K0151-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 3:00 pm

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS



Sample Information

Client Sample ID: KWF-FD-XX1

York Sample ID: 14K0151-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 3:00 pm

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-09-2	Methylene chloride	0.0079	J	mg/kg dry	0.0050	0.010	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	93.5 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	77-125								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.3		%	0.100	0.100	1	SM 2540G	11/12/2014 10:54	11/12/2014 16:28	SCA



Analytical Batch Summary

Batch ID: BK40523 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0151-01	KWF-MW1S (199-200')	11/12/14
14K0151-02	KWF-MW1S (184-185')	11/12/14
14K0151-03	KWF-MW1S (169-170')	11/12/14
14K0151-04	KWF-MW1S (157-158')	11/12/14
14K0151-05	KWF-FD-XX1	11/12/14

Batch ID: BK40594 **Preparation Method:** EPA 5035A **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
14K0151-03	KWF-MW1S (169-170')	11/12/14
14K0151-04	KWF-MW1S (157-158')	11/12/14
14K0151-05	KWF-FD-XX1	11/12/14
BK40594-BLK1	Blank	11/12/14
BK40594-BS1	LCS	11/12/14
BK40594-BSD1	LCS Dup	11/12/14

Batch ID: BK40631 **Preparation Method:** EPA 5035A **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
14K0151-01	KWF-MW1S (199-200')	11/13/14
14K0151-02	KWF-MW1S (184-185')	11/13/14
BK40631-BLK1	Blank	11/13/14
BK40631-BS1	LCS	11/13/14
BK40631-BSD1	LCS Dup	11/13/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40594 - EPA 5035A											
Blank (BK40594-BLK1)											
Prepared: 11/12/2014 Analyzed: 11/13/2014											
Acetone	ND	0.010	mg/kg wet								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
Ethyl Benzene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Styrene	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
o-Xylene	ND	0.0050	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40594 - EPA 5035A											
Blank (BK40594-BLK1)						Prepared: 11/12/2014 Analyzed: 11/13/2014					
p- & m- Xylenes	ND	0.010	mg/kg wet								
Xylenes, Total	ND	0.015	"								
Surrogate: p-Bromofluorobenzene	47.4		ug/L	50.0		94.8	76-130				
Surrogate: 1,2-Dichloroethane-d4	47.8		"	50.0		95.6	77-125				
Surrogate: Toluene-d8	52.1		"	50.0		104	85-120				
LCS (BK40594-BS1)						Prepared & Analyzed: 11/12/2014					
Acetone	97		ug/L	50.0		194	36-155	High Bias			
Benzene	55		"	50.0		110	77-127				
Bromochloromethane	55		"	50.0		110	74-129				
Bromodichloromethane	55		"	50.0		109	81-124				
Bromoform	59		"	50.0		118	80-136				
Bromomethane	54		"	50.0		108	32-177				
2-Butanone	69		"	50.0		138	58-147				
Carbon disulfide	51		"	50.0		102	10-136				
Carbon tetrachloride	52		"	50.0		105	66-143				
Chlorobenzene	52		"	50.0		104	86-120				
Chloroethane	55		"	50.0		109	51-142				
Chloroform	54		"	50.0		108	76-131				
Chloromethane	52		"	50.0		104	49-132				
Cyclohexane	52		"	50.0		104	70-130				
1,2-Dibromo-3-chloropropane	57		"	50.0		115	74-142				
Dibromochloromethane	52		"	50.0		105	10-200				
1,2-Dibromoethane	51		"	50.0		101	86-123				
1,2-Dichlorobenzene	53		"	50.0		106	85-122				
1,3-Dichlorobenzene	50		"	50.0		99.8	84-124				
1,4-Dichlorobenzene	51		"	50.0		102	84-124				
Dichlorodifluoromethane	45		"	50.0		90.6	28-158				
1,1-Dichloroethane	52		"	50.0		105	75-130				
1,2-Dichloroethane	51		"	50.0		101	71-133				
1,1-Dichloroethylene	51		"	50.0		103	64-137				
trans-1,2-Dichloroethylene	51		"	50.0		103	72-132				
cis-1,2-Dichloroethylene	52		"	50.0		105	74-132				
1,2-Dichloropropane	52		"	50.0		104	81-122				
trans-1,3-Dichloropropylene	51		"	50.0		101	78-132				
cis-1,3-Dichloropropylene	53		"	50.0		105	81-129				
1,4-Dioxane	1200		"	1000		125	10-228				
Ethyl Benzene	52		"	50.0		104	84-125				
2-Hexanone	63		"	50.0		126	70-139				
Isopropylbenzene	52		"	50.0		103	81-127				
Methyl acetate	53		"	50.0		105	41-143				
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	74-131				
Methylcyclohexane	49		"	50.0		97.2	70-130				
Methylene chloride	62		"	50.0		124	57-141				
4-Methyl-2-pentanone	58		"	50.0		115	72-132				
Styrene	49		"	50.0		98.2	86-126				
1,1,2,2-Tetrachloroethane	53		"	50.0		107	79-129				
Tetrachloroethylene	72		"	50.0		145	80-129	High Bias			
Toluene	51		"	50.0		102	85-121				
1,2,4-Trichlorobenzene	51		"	50.0		102	80-141				
1,2,3-Trichlorobenzene	54		"	50.0		109	81-140				
1,1,1-Trichloroethane	54		"	50.0		109	71-137				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40594 - EPA 5035A

LCS (BK40594-BS1)

Prepared & Analyzed: 11/12/2014

1,1,2-Trichloroethane	53		ug/L	50.0		107	83-123				
Trichloroethylene	53		"	50.0		106	84-123				
Trichlorofluoromethane	49		"	50.0		97.6	62-140				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.7	58-146				
Vinyl Chloride	49		"	50.0		98.5	52-130				
o-Xylene	50		"	50.0		99.6	83-123				
p- & m- Xylenes	99		"	100		99.4	82-128				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.0</i>		<i>"</i>	<i>50.0</i>		<i>96.0</i>	<i>76-130</i>				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>52.3</i>		<i>"</i>	<i>50.0</i>		<i>105</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>48.2</i>		<i>"</i>	<i>50.0</i>		<i>96.3</i>	<i>85-120</i>				

LCS Dup (BK40594-BSD1)

Prepared: 11/12/2014 Analyzed: 11/13/2014

Acetone	52		ug/L	50.0		104	36-155		60.7	30	Non-dir.
Benzene	54		"	50.0		107	77-127		2.20	30	
Bromochloromethane	56		"	50.0		111	74-129		1.12	30	
Bromodichloromethane	56		"	50.0		111	81-124		1.91	30	
Bromoform	56		"	50.0		111	80-136		5.72	30	
Bromomethane	53		"	50.0		106	32-177		2.35	30	
2-Butanone	53		"	50.0		106	58-147		26.3	30	
Carbon disulfide	53		"	50.0		105	10-136		3.53	30	
Carbon tetrachloride	54		"	50.0		108	66-143		3.53	30	
Chlorobenzene	52		"	50.0		103	86-120		0.347	30	
Chloroethane	57		"	50.0		114	51-142		4.08	30	
Chloroform	53		"	50.0		105	76-131		2.29	30	
Chloromethane	53		"	50.0		105	49-132		1.51	30	
Cyclohexane	53		"	50.0		105	70-130		1.17	30	
1,2-Dibromo-3-chloropropane	56		"	50.0		112	74-142		2.91	30	
Dibromochloromethane	55		"	50.0		111	10-200		5.38	30	
1,2-Dibromoethane	53		"	50.0		106	86-123		4.90	30	
1,2-Dichlorobenzene	52		"	50.0		103	85-122		2.28	30	
1,3-Dichlorobenzene	50		"	50.0		99.4	84-124		0.482	30	
1,4-Dichlorobenzene	52		"	50.0		104	84-124		1.73	30	
Dichlorodifluoromethane	45		"	50.0		89.4	28-158		1.33	30	
1,1-Dichloroethane	52		"	50.0		104	75-130		1.28	30	
1,2-Dichloroethane	51		"	50.0		103	71-133		1.57	30	
1,1-Dichloroethylene	53		"	50.0		106	64-137		3.40	30	
trans-1,2-Dichloroethylene	53		"	50.0		106	72-132		3.14	30	
cis-1,2-Dichloroethylene	54		"	50.0		109	74-132		3.76	30	
1,2-Dichloropropane	54		"	50.0		108	81-122		3.99	30	
trans-1,3-Dichloropropylene	52		"	50.0		103	78-132		2.31	30	
cis-1,3-Dichloropropylene	54		"	50.0		108	81-129		2.51	30	
1,4-Dioxane	1200		"	1000		121	10-228		3.12	30	
Ethyl Benzene	51		"	50.0		102	84-125		1.30	30	
2-Hexanone	54		"	50.0		108	70-139		14.7	30	
Isopropylbenzene	51		"	50.0		102	81-127		0.681	30	
Methyl acetate	55		"	50.0		110	41-143		4.35	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		107	74-131		0.845	30	
Methylcyclohexane	52		"	50.0		103	70-130		5.95	30	
Methylene chloride	53		"	50.0		107	57-141		14.6	30	
4-Methyl-2-pentanone	55		"	50.0		111	72-132		3.88	30	
Styrene	50		"	50.0		99.5	86-126		1.30	30	
1,1,1,2,2-Tetrachloroethane	54		"	50.0		108	79-129		1.40	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40594 - EPA 5035A

LCS Dup (BK40594-BSD1)

Prepared: 11/12/2014 Analyzed: 11/13/2014

Tetrachloroethylene	55		ug/L	50.0		110	80-129		27.7	30	
Toluene	51		"	50.0		102	85-121		0.313	30	
1,2,4-Trichlorobenzene	49		"	50.0		97.8	80-141		4.52	30	
1,2,3-Trichlorobenzene	52		"	50.0		103	81-140		5.36	30	
1,1,1-Trichloroethane	54		"	50.0		107	71-137		1.13	30	
1,1,2-Trichloroethane	56		"	50.0		112	83-123		4.53	30	
Trichloroethylene	54		"	50.0		109	84-123		2.25	30	
Trichlorofluoromethane	50		"	50.0		99.2	62-140		1.61	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		105	58-146		6.07	30	
Vinyl Chloride	50		"	50.0		100	52-130		1.81	30	
o-Xylene	51		"	50.0		102	83-123		2.28	30	
p- & m- Xylenes	100		"	100		102	82-128		2.38	30	
Surrogate: p-Bromofluorobenzene	49.5		"	50.0		98.9	76-130				
Surrogate: 1,2-Dichloroethane-d4	50.2		"	50.0		100	77-125				
Surrogate: Toluene-d8	50.9		"	50.0		102	85-120				

Batch BK40631 - EPA 5035A

Blank (BK40631-BLK1)

Prepared & Analyzed: 11/13/2014

Acetone	ND	0.010	mg/kg wet								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
Ethyl Benzene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40631 - EPA 5035A

Blank (BK40631-BLK1)

Prepared & Analyzed: 11/13/2014

Methyl acetate	ND	0.0050	mg/kg wet
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"
Methylene chloride	ND	0.010	"
4-Methyl-2-pentanone	ND	0.0050	"
Styrene	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Toluene	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
Xylenes, Total	ND	0.015	"

Surrogate: p-Bromofluorobenzene	47.0	ug/L	50.0	94.0	76-130
Surrogate: 1,2-Dichloroethane-d4	47.7	"	50.0	95.4	77-125
Surrogate: Toluene-d8	51.9	"	50.0	104	85-120

LCS (BK40631-BS1)

Prepared & Analyzed: 11/13/2014

Acetone	53	ug/L	50.0	106	36-155
Benzene	55	"	50.0	109	77-127
Bromochloromethane	56	"	50.0	111	74-129
Bromodichloromethane	55	"	50.0	110	81-124
Bromoform	51	"	50.0	102	80-136
Bromomethane	57	"	50.0	113	32-177
2-Butanone	65	"	50.0	130	58-147
Carbon disulfide	52	"	50.0	104	10-136
Carbon tetrachloride	54	"	50.0	108	66-143
Chlorobenzene	54	"	50.0	107	86-120
Chloroethane	56	"	50.0	113	51-142
Chloroform	54	"	50.0	108	76-131
Chloromethane	54	"	50.0	109	49-132
Cyclohexane	52	"	50.0	104	70-130
1,2-Dibromo-3-chloropropane	55	"	50.0	111	74-142
Dibromochloromethane	55	"	50.0	110	10-200
1,2-Dibromoethane	57	"	50.0	114	86-123
1,2-Dichlorobenzene	51	"	50.0	102	85-122
1,3-Dichlorobenzene	50	"	50.0	99.6	84-124
1,4-Dichlorobenzene	48	"	50.0	96.9	84-124
Dichlorodifluoromethane	50	"	50.0	99.4	28-158
1,1-Dichloroethane	54	"	50.0	109	75-130
1,2-Dichloroethane	55	"	50.0	109	71-133
1,1-Dichloroethylene	55	"	50.0	110	64-137
trans-1,2-Dichloroethylene	53	"	50.0	106	72-132
cis-1,2-Dichloroethylene	55	"	50.0	110	74-132
1,2-Dichloropropane	56	"	50.0	111	81-122



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40631 - EPA 5035A

LCS (BK40631-BS1)

Prepared & Analyzed: 11/13/2014

trans-1,3-Dichloropropylene	56		ug/L	50.0		112	78-132				
cis-1,3-Dichloropropylene	55		"	50.0		109	81-129				
1,4-Dioxane	1200		"	1000		125	10-228				
Ethyl Benzene	54		"	50.0		109	84-125				
2-Hexanone	56		"	50.0		111	70-139				
Isopropylbenzene	50		"	50.0		99.6	81-127				
Methyl acetate	49		"	50.0		97.6	41-143				
Methyl tert-butyl ether (MTBE)	55		"	50.0		110	74-131				
Methylcyclohexane	54		"	50.0		108	70-130				
Methylene chloride	52		"	50.0		104	57-141				
4-Methyl-2-pentanone	56		"	50.0		112	72-132				
Styrene	54		"	50.0		108	86-126				
1,1,2,2-Tetrachloroethane	51		"	50.0		103	79-129				
Tetrachloroethylene	54		"	50.0		107	80-129				
Toluene	54		"	50.0		108	85-121				
1,2,4-Trichlorobenzene	44		"	50.0		88.5	80-141				
1,2,3-Trichlorobenzene	49		"	50.0		98.9	81-140				
1,1,1-Trichloroethane	54		"	50.0		107	71-137				
1,1,2-Trichloroethane	57		"	50.0		115	83-123				
Trichloroethylene	53		"	50.0		106	84-123				
Trichlorofluoromethane	54		"	50.0		107	62-140				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		107	58-146				
Vinyl Chloride	53		"	50.0		106	52-130				
o-Xylene	55		"	50.0		110	83-123				
p- & m- Xylenes	110		"	100		109	82-128				
Surrogate: p-Bromofluorobenzene	46.7		"	50.0		93.4	76-130				
Surrogate: 1,2-Dichloroethane-d4	50.3		"	50.0		101	77-125				
Surrogate: Toluene-d8	49.5		"	50.0		99.0	85-120				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40631 - EPA 5035A											
LCS Dup (BK40631-BSD1)						Prepared & Analyzed: 11/13/2014					
Acetone	48		ug/L	50.0		96.2	36-155		10.1	30	
Benzene	55		"	50.0		110	77-127		0.656	30	
Bromochloromethane	55		"	50.0		109	74-129		1.65	30	
Bromodichloromethane	53		"	50.0		105	81-124		4.22	30	
Bromoform	54		"	50.0		107	80-136		4.56	30	
Bromomethane	57		"	50.0		114	32-177		0.493	30	
2-Butanone	57		"	50.0		115	58-147		12.4	30	
Carbon disulfide	54		"	50.0		108	10-136		4.25	30	
Carbon tetrachloride	54		"	50.0		107	66-143		0.946	30	
Chlorobenzene	55		"	50.0		110	86-120		2.08	30	
Chloroethane	56		"	50.0		112	51-142		0.178	30	
Chloroform	54		"	50.0		109	76-131		0.535	30	
Chloromethane	56		"	50.0		111	49-132		2.31	30	
Cyclohexane	53		"	50.0		107	70-130		2.20	30	
1,2-Dibromo-3-chloropropane	57		"	50.0		113	74-142		2.27	30	
Dibromochloromethane	54		"	50.0		108	10-200		1.32	30	
1,2-Dibromoethane	54		"	50.0		108	86-123		5.00	30	
1,2-Dichlorobenzene	52		"	50.0		104	85-122		1.69	30	
1,3-Dichlorobenzene	53		"	50.0		106	84-124		6.45	30	
1,4-Dichlorobenzene	54		"	50.0		107	84-124		10.0	30	
Dichlorodifluoromethane	48		"	50.0		96.5	28-158		2.94	30	
1,1-Dichloroethane	55		"	50.0		109	75-130		0.403	30	
1,2-Dichloroethane	57		"	50.0		114	71-133		4.30	30	
1,1-Dichloroethylene	56		"	50.0		112	64-137		2.44	30	
trans-1,2-Dichloroethylene	55		"	50.0		110	72-132		3.63	30	
cis-1,2-Dichloroethylene	56		"	50.0		111	74-132		1.45	30	
1,2-Dichloropropane	53		"	50.0		107	81-122		3.73	30	
trans-1,3-Dichloropropylene	54		"	50.0		107	78-132		4.43	30	
cis-1,3-Dichloropropylene	53		"	50.0		105	81-129		3.82	30	
1,4-Dioxane	1300		"	1000		126	10-228		0.881	30	
Ethyl Benzene	54		"	50.0		109	84-125		0.221	30	
2-Hexanone	54		"	50.0		108	70-139		2.50	30	
Isopropylbenzene	55		"	50.0		110	81-127		9.61	30	
Methyl acetate	49		"	50.0		97.5	41-143		0.103	30	
Methyl tert-butyl ether (MTBE)	55		"	50.0		110	74-131		0.383	30	
Methylcyclohexane	52		"	50.0		103	70-130		3.95	30	
Methylene chloride	53		"	50.0		107	57-141		2.58	30	
4-Methyl-2-pentanone	53		"	50.0		106	72-132		5.63	30	
Styrene	55		"	50.0		110	86-126		1.45	30	
1,1,2,2-Tetrachloroethane	57		"	50.0		113	79-129		9.86	30	
Tetrachloroethylene	51		"	50.0		102	80-129		5.65	30	
Toluene	54		"	50.0		108	85-121		0.167	30	
1,2,4-Trichlorobenzene	48		"	50.0		95.2	80-141		7.21	30	
1,2,3-Trichlorobenzene	50		"	50.0		101	81-140		1.60	30	
1,1,1-Trichloroethane	55		"	50.0		110	71-137		2.50	30	
1,1,2-Trichloroethane	54		"	50.0		109	83-123		5.43	30	
Trichloroethylene	52		"	50.0		105	84-123		0.723	30	
Trichlorofluoromethane	53		"	50.0		106	62-140		0.863	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		106	58-146		1.52	30	
Vinyl Chloride	53		"	50.0		106	52-130		0.0566	30	
o-Xylene	55		"	50.0		111	83-123		0.778	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BK40631 - EPA 5035A

LCS Dup (BK40631-BSD1)

Prepared & Analyzed: 11/13/2014

p- & m- Xylenes	110		ug/L	100		108	82-128		0.953	30	
Surrogate: p-Bromofluorobenzene	48.5		"	50.0		96.9	76-130				
Surrogate: 1,2-Dichloroethane-d4	49.4		"	50.0		98.7	77-125				
Surrogate: Toluene-d8	49.1		"	50.0		98.3	85-120				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0151-01	KWF-MW1S (199-200')	40mL Vial with Stir Bar-Cool 4° C
14K0151-02	KWF-MW1S (184-185')	40mL Vial with Stir Bar-Cool 4° C
14K0151-03	KWF-MW1S (169-170')	40mL Vial with Stir Bar-Cool 4° C
14K0151-04	KWF-MW1S (157-158')	40mL Vial with Stir Bar-Cool 4° C
14K0151-05	KWF-FD-XX1	40mL Vial with Stir Bar-Cool 4° C



Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
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YORK
ANALYTICAL LABORATORIES INC.

Field Chain-of-Custody Record

Page 1 of 1

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.

This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 14K0151

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type	
Company:	The Chazen Company	Company:	Chazen	Company:	Chazen	YOUR PROJECT ID	41433.00	RUSH - Same Day	☐	Summary Report	☒
Address:	21 Fox Street	Address:		Address:		TASK 0200		RUSH - Next Day	☐	Summary w/ QA Summary	
Phone No.	945-454-3980	Phone No.		Phone No.		KATONAH WELLS		RUSH - Two Day	☐	CT RCP Package	
Attention:	William Olsen	Attention:		Attention:		Purchase Order No.		RUSH - Three Day	☐	CTRCP DQA/DUE Pkg	
E-Mail Address:	will@chazencorp.com	E-Mail Address:		E-Mail Address:		P		RUSH - Four Day	☐	NY ASP A Package	
										NY ASP B Package	☒
										NJDEP Red. Deliv.	
										Electronic Data Deliverables (EDD)	
										Simple Excel	☒
										NYSDEC EQulS	
										EQulS (std)	
										EZ-EDD (EQulS)	
										NJDEP SRP HazSite EDD	
										GIS/KEY (std)	
										Other	
										York Regulatory Comparison	
										Excel Spreadsheet	
										Compare to the following Regs. (please fill in)	

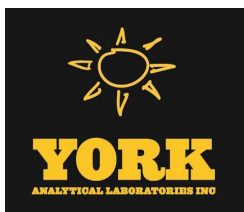
Sample Identification		Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below										Container Description(s)
KWF-MW15(199-200')		11-4-14 8:35	S	TCL VOCs - 8260										3x Encore; 1x 202
KWF-MW15(197-200')		" 8:45	GW											3x 40-1 VOA w/HCL
KWF-MW15(194-185')		" 9:35	S											3x Encore; 1x 202
KWF-MW15:GW(182-187')		" 9:45	GW											3x 40-1 VOA w/HCL
KWF-MW15:GW(167-172')		" 10:20	GW											" " " " "
KWF-MW15(169-170')		" 10:30	S											3x Encore; 1x 202
KWF-MW15(157-158')		" 11:15	S											" " " " "
KWF-MW15:GW(153-158')		" 11:30	GW											3x 40-1 VOA w/HCL
KWF-FD-XX1		" XX:XX	S											3x Encore; 1x 202
BLANK			DI											2x 40-1 VOA w/HCL

Preservation		Special Instructions		Temperature on Receipt	
Check those Applicable		Field Filled	☐	Date/Time	5.1 °C
Lab to Filter		Lab to Filter	☐	Date/Time	

Comments: ASP B Package on soil samples only.

Signed: William G. Olsen Date: 11/5/14 Time: 9:10

Signed: Chazen Date: 11/5/14 Time: 1550



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Will Olsen

Report Date: 12/15/2014

Client Project ID: 41433.00 Task 02PS Bedford-Katonah Well

York Project (SDG) No.: 14L0250

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 05, 2014 and listed below. The project was identified as your project: **41433.00 Task 02PS Bedford-Katonah Well**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14L0250-01	KWF-MW2S	Water	12/04/2014	12/05/2014
14L0250-02	KWF-MW4R	Water	12/04/2014	12/05/2014
14L0250-03	KWF-MW1S	Water	12/04/2014	12/05/2014
14L0250-04	KWF-MW11R	Water	12/04/2014	12/05/2014
14L0250-05	KWF-PW	Water	12/04/2014	12/05/2014
14L0250-06	KWF-EB	Water	12/04/2014	12/05/2014
14L0250-07	KWF-FD	Water	12/04/2014	12/05/2014
14L0250-08	Trip Blank	Water	12/04/2014	12/05/2014

General Notes for York Project (SDG) No.: 14L0250

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/15/2014





Sample Information

Client Sample ID: KWF-MW2S

York Sample ID: 14L0250-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 10:10 am

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
78-93-3	2-Butanone	1.4		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
67-64-1	Acetone	2.2	Cal-E, B	ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
67-66-3	Chloroform	2.1		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS



Sample Information

Client Sample ID: KWF-MW2S

York Sample ID: 14L0250-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 10:10 am

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-09-2	Methylene chloride	2.1		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: Toluene-d8	110 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	93.3 %	79-122								

Sample Information

Client Sample ID: KWF-MW4R

York Sample ID: 14L0250-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 11:33 am

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS



Sample Information

Client Sample ID: KWF-MW4R

York Sample ID: 14L0250-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 11:33 am

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
67-64-1	Acetone	1.2	Cal-E, J, B	ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
67-66-3	Chloroform	0.45	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS



Sample Information

Client Sample ID: KWF-MW4R

York Sample ID: 14L0250-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 11:33 am

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
127-18-4	Tetrachloroethylene	9.3		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
79-01-6	Trichloroethylene	0.24	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: Toluene-d8	106 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %	79-122								

Sample Information

Client Sample ID: KWF-MW1S

York Sample ID: 14L0250-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 1:12 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS



Sample Information

Client Sample ID: KWF-MW1S

York Sample ID: 14L0250-03

York Project (SDG) No.

14L0250

Client Project ID

41433.00 Task 02PS Bedford-Katonah Well

Matrix

Water

Collection Date/Time

December 4, 2014 1:12 pm

Date Received

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
67-66-3	Chloroform	0.33	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS



Sample Information

Client Sample ID: KWF-MW1S

York Sample ID: 14L0250-03

York Project (SDG) No.

14L0250

Client Project ID

41433.00 Task 02PS Bedford-Katonah Well

Matrix

Water

Collection Date/Time

December 4, 2014 1:12 pm

Date Received

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
127-18-4	Tetrachloroethylene	0.55		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
79-01-6	Trichloroethylene	0.27	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	93.6 %	79-122								

Sample Information

Client Sample ID: KWF-MW11R

York Sample ID: 14L0250-04

York Project (SDG) No.

14L0250

Client Project ID

41433.00 Task 02PS Bedford-Katonah Well

Matrix

Water

Collection Date/Time

December 4, 2014 1:58 pm

Date Received

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS



Sample Information

Client Sample ID: KWF-MW11R

York Sample ID: 14L0250-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 1:58 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
67-66-3	Chloroform	0.27	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
127-18-4	Tetrachloroethylene	0.53		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS



Sample Information

Client Sample ID: KWF-MW11R

York Sample ID: 14L0250-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 1:58 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.1 %		69-130							
2037-26-5	Surrogate: Toluene-d8	102 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	85.2 %		79-122							

Sample Information

Client Sample ID: KWF-PW

York Sample ID: 14L0250-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 2:25 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS



Sample Information

Client Sample ID: KWF-PW

York Sample ID: 14L0250-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 2:25 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
67-64-1	Acetone	1.5	Cal-E, J, B	ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
127-18-4	Tetrachloroethylene	4.4		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS



Sample Information

Client Sample ID: KWF-PW

York Sample ID: 14L0250-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 2:25 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %		69-130							
2037-26-5	Surrogate: Toluene-d8	110 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	91.0 %		79-122							

Sample Information

Client Sample ID: KWF-EB

York Sample ID: 14L0250-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 2:05 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
78-93-3	2-Butanone	4.9		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
67-64-1	Acetone	8.6	Cal-E, B	ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS



Sample Information

Client Sample ID: KWF-EB

York Sample ID: 14L0250-06

York Project (SDG) No.

14L0250

Client Project ID

41433.00 Task 02PS Bedford-Katonah Well

Matrix

Water

Collection Date/Time

December 4, 2014 2:05 pm

Date Received

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	69-130								
2037-26-5	Surrogate: Toluene-d8	93.3 %	81-117								



Sample Information

Client Sample ID: KWF-EB

York Sample ID: 14L0250-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 2:05 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	94.2 %			79-122						

Sample Information

Client Sample ID: KWF-FD

York Sample ID: 14L0250-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 3:00 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS



Sample Information

Client Sample ID: KWF-FD

York Sample ID: 14L0250-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 3:00 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
67-66-3	Chloroform	0.29	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
127-18-4	Tetrachloroethylene	0.54		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
79-01-6	Trichloroethylene	0.24	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.7 %	69-130								
2037-26-5	Surrogate: Toluene-d8	108 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	95.2 %	79-122								



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14L0250-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 3:00 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
108-10-1	4-Methyl-2-pentanone	0.24	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
67-64-1	Acetone	1.7	Cal-E, J, B	ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14L0250-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 3:00 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-09-2	Methylene chloride	3.7		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	92.4 %	79-122								



Analytical Batch Summary

Batch ID: BL40712

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
14L0250-01	KWF-MW2S	12/12/14
14L0250-02	KWF-MW4R	12/12/14
14L0250-03	KWF-MW1S	12/12/14
14L0250-04	KWF-MW11R	12/12/14
14L0250-05	KWF-PW	12/12/14
14L0250-06	KWF-EB	12/12/14
14L0250-07	KWF-FD	12/12/14
14L0250-08	Trip Blank	12/12/14
BL40712-BLK1	Blank	12/12/14
BL40712-BS1	LCS	12/12/14
BL40712-BSD1	LCS Dup	12/12/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BL40712 - EPA 5030B

Blank (BL40712-BLK1)

Prepared: 12/12/2014 Analyzed: 12/13/2014

1,1,1-Trichloroethane	ND	0.50	ug/L
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	0.29	0.50	"
1,2,4-Trichlorobenzene	0.33	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	1.6	2.0	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	ND	2.0	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
Styrene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL40712 - EPA 5030B											
Blank (BL40712-BLK1)						Prepared: 12/12/2014 Analyzed: 12/13/2014					
Xylenes, Total	ND	1.5	ug/L								
Surrogate: 1,2-Dichloroethane-d4	9.64		"	10.0		96.4	69-130				
Surrogate: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: p-Bromofluorobenzene	9.72		"	10.0		97.2	79-122				
LCS (BL40712-BS1)						Prepared: 12/12/2014 Analyzed: 12/13/2014					
1,1,1-Trichloroethane	9.4		ug/L	10.0		94.0	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		114	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.4		"	10.0		94.5	54-165				
1,1,2-Trichloroethane	13		"	10.0		126	82-123	High Bias			
1,1-Dichloroethane	9.5		"	10.0		94.9	82-129				
1,1-Dichloroethylene	9.6		"	10.0		96.2	68-138				
1,2,3-Trichlorobenzene	9.8		"	10.0		98.5	76-136				
1,2,4-Trichlorobenzene	9.7		"	10.0		97.1	76-137				
1,2-Dibromo-3-chloropropane	9.6		"	10.0		96.3	45-147				
1,2-Dibromoethane	12		"	10.0		118	83-124				
1,2-Dichlorobenzene	10		"	10.0		101	79-123				
1,2-Dichloroethane	9.9		"	10.0		99.0	73-132				
1,2-Dichloropropane	12		"	10.0		116	78-126				
1,3-Dichlorobenzene	10		"	10.0		101	86-122				
1,4-Dichlorobenzene	10		"	10.0		100	85-124				
2-Butanone	11		"	10.0		111	49-152				
2-Hexanone	11		"	10.0		110	51-146				
4-Methyl-2-pentanone	10		"	10.0		102	57-145				
Acetone	6.5		"	10.0		64.8	14-150				
Benzene	10		"	10.0		102	85-126				
Bromochloromethane	9.6		"	10.0		96.0	77-128				
Bromodichloromethane	11		"	10.0		111	79-128				
Bromoform	11		"	10.0		114	78-133				
Bromomethane	8.0		"	10.0		80.0	43-168				
Carbon disulfide	9.2		"	10.0		92.2	68-146				
Carbon tetrachloride	9.4		"	10.0		94.5	77-141				
Chlorobenzene	11		"	10.0		106	88-120				
Chloroethane	9.4		"	10.0		94.5	65-136				
Chloroform	8.8		"	10.0		88.1	82-128				
Chloromethane	9.3		"	10.0		93.2	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		112	80-131				
Cyclohexane	7.6		"	10.0		76.4	63-149				
Dibromochloromethane	12		"	10.0		120	80-130				
Dichlorodifluoromethane	7.7		"	10.0		77.0	44-144				
Ethyl Benzene	11		"	10.0		109	80-131				
Isopropylbenzene	9.9		"	10.0		99.0	76-140				
Methyl acetate	8.1		"	10.0		80.9	51-139				
Methyl tert-butyl ether (MTBE)	8.6		"	10.0		86.5	76-135				
Methylcyclohexane	11		"	10.0		110	72-143				
Methylene chloride	8.8		"	10.0		88.4	55-137				
o-Xylene	11		"	10.0		112	78-130				
p- & m- Xylenes	22		"	20.0		110	77-133				
Styrene	11		"	10.0		111	67-132				
Tetrachloroethylene	11		"	10.0		108	82-131				
Toluene	11		"	10.0		111	80-127				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL40712 - EPA 5030B											
LCS (BL40712-BS1)						Prepared: 12/12/2014 Analyzed: 12/13/2014					
trans-1,2-Dichloroethylene	8.6		ug/L	10.0		86.5	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		103	78-131				
Trichloroethylene	11		"	10.0		107	82-128				
Trichlorofluoromethane	9.1		"	10.0		90.6	67-139				
Vinyl Chloride	9.5		"	10.0		95.4	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>79-122</i>				
LCS Dup (BL40712-BS1)						Prepared: 12/12/2014 Analyzed: 12/13/2014					
1,1,1-Trichloroethane	9.4		ug/L	10.0		93.7	78-136		0.320	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		111	76-129		2.67	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.9		"	10.0		88.7	54-165		6.33	30	
1,1,2-Trichloroethane	12		"	10.0		121	82-123		4.29	30	
1,1-Dichloroethane	9.3		"	10.0		92.9	82-129		2.13	30	
1,1-Dichloroethylene	9.0		"	10.0		89.6	68-138		7.10	30	
1,2,3-Trichlorobenzene	11		"	10.0		111	76-136		11.9	30	
1,2,4-Trichlorobenzene	11		"	10.0		109	76-137		11.7	30	
1,2-Dibromo-3-chloropropane	9.5		"	10.0		94.7	45-147		1.68	30	
1,2-Dibromoethane	11		"	10.0		107	83-124		9.42	30	
1,2-Dichlorobenzene	11		"	10.0		105	79-123		3.78	30	
1,2-Dichloroethane	9.8		"	10.0		98.5	73-132		0.506	30	
1,2-Dichloropropane	11		"	10.0		108	78-126		7.24	30	
1,3-Dichlorobenzene	10		"	10.0		102	86-122		1.08	30	
1,4-Dichlorobenzene	11		"	10.0		106	85-124		5.44	30	
2-Butanone	9.5		"	10.0		94.8	49-152		15.7	30	
2-Hexanone	10		"	10.0		103	51-146		6.96	30	
4-Methyl-2-pentanone	9.4		"	10.0		93.6	57-145		8.49	30	
Acetone	7.3		"	10.0		73.2	14-150		12.2	30	
Benzene	9.8		"	10.0		97.8	85-126		4.69	30	
Bromochloromethane	9.8		"	10.0		98.4	77-128		2.47	30	
Bromodichloromethane	11		"	10.0		108	79-128		3.11	30	
Bromoform	11		"	10.0		111	78-133		2.49	30	
Bromomethane	8.2		"	10.0		82.0	43-168		2.47	30	
Carbon disulfide	9.5		"	10.0		94.9	68-146		2.89	30	
Carbon tetrachloride	9.4		"	10.0		93.7	77-141		0.850	30	
Chlorobenzene	11		"	10.0		107	88-120		0.282	30	
Chloroethane	8.5		"	10.0		85.2	65-136		10.4	30	
Chloroform	9.3		"	10.0		92.7	82-128		5.09	30	
Chloromethane	9.4		"	10.0		94.0	43-155		0.855	30	
cis-1,2-Dichloroethylene	10		"	10.0		100	83-129		0.496	30	
cis-1,3-Dichloropropylene	11		"	10.0		107	80-131		4.75	30	
Cyclohexane	8.4		"	10.0		84.0	63-149		9.48	30	
Dibromochloromethane	11		"	10.0		106	80-130		12.7	30	
Dichlorodifluoromethane	7.4		"	10.0		73.5	44-144		4.65	30	
Ethyl Benzene	10		"	10.0		101	80-131		7.89	30	
Isopropylbenzene	9.8		"	10.0		97.6	76-140		1.42	30	
Methyl acetate	8.4		"	10.0		83.9	51-139		3.64	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		99.9	76-135		14.4	30	
Methylcyclohexane	9.5		"	10.0		95.2	72-143		14.0	30	
Methylene chloride	9.8		"	10.0		97.6	55-137		9.89	30	
o-Xylene	9.6		"	10.0		95.6	78-130		16.2	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BL40712 - EPA 5030B

LCS Dup (BL40712-BSD1)

Prepared: 12/12/2014 Analyzed: 12/13/2014

p- & m- Xylenes	20		ug/L	20.0		101	77-133		8.99	30	
Styrene	9.8		"	10.0		98.3	67-132		12.3	30	
Tetrachloroethylene	9.3		"	10.0		93.1	82-131		14.6	30	
Toluene	11		"	10.0		105	80-127		5.55	30	
trans-1,2-Dichloroethylene	9.5		"	10.0		95.2	80-132		9.58	30	
trans-1,3-Dichloropropylene	9.4		"	10.0		94.3	78-131		8.43	30	
Trichloroethylene	10		"	10.0		102	82-128		4.40	30	
Trichlorofluoromethane	9.3		"	10.0		92.6	67-139		2.18	30	
Vinyl Chloride	9.0		"	10.0		89.8	58-145		6.05	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.44</i>		<i>"</i>	<i>10.0</i>		<i>94.4</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.82</i>		<i>"</i>	<i>10.0</i>		<i>98.2</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.42</i>		<i>"</i>	<i>10.0</i>		<i>94.2</i>	<i>79-122</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14L0250-01	KWF-MW2S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14L0250-02	KWF-MW4R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14L0250-03	KWF-MW1S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14L0250-04	KWF-MW11R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14L0250-05	KWF-PW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14L0250-06	KWF-EB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14L0250-07	KWF-FD	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14L0250-08	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.





YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

YORK
ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

Page 1 of 1

York Project No. 14122

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>The Chaz Company</u>	Company: <u>Chaz</u>	Company: <u>Chaz</u>	Company: <u>Chaz</u>	YOUR Project ID: <u>41433.00</u>	Turn-Around Time: ☐ RUSH - Same Day	Report Type: ☐ Summary Report					
Address: <u>21 Fox Street</u>	Address: <u>Chaz</u>	Address: <u>Chaz</u>	Address: <u>Chaz</u>	TASK <u>02PS</u>	☐ RUSH - Next Day	☐ Summary w/ QA Summary					
Phone No. <u>845-454-3980</u>	Phone No. <u>W.I.I. Olsen</u>	Phone No. <u>W.I.I. Olsen</u>	Phone No. <u>W.I.I. Olsen</u>	<u>Bedford - Keton-Vella</u>	☐ RUSH - Two Day	☐ CT RCP Package					
Contact Person: <u>William G. Olsen</u>	Attention: <u>W.I.I. Olsen</u>	Attention: <u>W.I.I. Olsen</u>	Attention: <u>W.I.I. Olsen</u>	<u>Purchase Order No. P16619</u>	☐ RUSH - Three Day	☐ NY ASP A Package					
E-Mail Address: <u>W.G.Olsen@chazcompany.com</u>	E-Mail Address: <u>W.I.I. Olsen</u>	E-Mail Address: <u>W.I.I. Olsen</u>	E-Mail Address: <u>W.I.I. Olsen</u>		☐ RUSH - Four Day	☐ NY ASP B Package					
						☐ NJDEP Red. Deliv.					
						<u>Electronic Data Deliverables (EDD)</u>					
						Simple Excel ☒					
						NYSDEC EQuIS ☒					
						EQuIS (std)					
						EZ-EDD (EQuIS)					
						NJDEP SRP HazSite EDD					
						GIS/KEY (std)					
						Other					
						York Regulatory Comparison					
						Excel Spreadsheet					
						Compare to the following Regs. (please fill in):					

Sample Identification		Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below										Container Description(s)
KWF-MW25	12-4-14	10:10	GW	TCL VOC - 8260										3x 40ml VOA w/ HCl
KWF-MW4R	11:33													
KWF-MW1S	13:12													
KWF-MW11R	13:58													
KWF-PW	14:25													
KWF-EB	14:05		D.I.											
KWF-FD	XX:XX		GW											
TRIP BLANK			D.I.											2x 40ml VOA w/ HCl

ATTACHMENT C

DATA USABILITY SUMMARY REPORT

DATA USABILITY SUMMARY REPORT

For

KATONAH SOIL & WATER SAMPLES

Volatiles

**SDG No: 14J1176, 14J1219, 14K0001, 14K0110, 14K0151, 14K0155, 14K0246,
14K0247 & 14L0250**

Sampling Dates: October 28-30, November 3-5 & December 4, 2014

Submitted to:

**Chazen Environmental Services
21 Fox Street
Poughkeepsie NY, 12601**

Prepared by:

**Environmental Occupational & Public Health Consultants Inc. (EOPHC, Inc.)
Environmental Data Validation Inc (EDV, Inc.)
1326 Oranewood Ave
Pittsburgh, PA 15216
(412) 341-5281**

DATA USABILITY SUMMARY REPORT
Volatiles
USEPA REGION II

Site: Katonah

SDG #s: 14J1176, 14J1219, 14K0001, 14K0110, 14K0151, 14K0155, 14K0246, 14K0247 & 14L0250

Client: Chazen Environmental Services Inc.

Date: February 6, 2014

Laboratory: York Analytical Laboratories

Reviewer: L. Wright

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	VOCs
SDG14J1176			
KWF-MW-25(199-200')	14J1176-01	Soil	X
Trip Blank	14J1176-02	Water	X
SDG14J1219			
KWF-MW2S:GW(197-200')	14J1219-01	Water	X
KWF-MW2S:(170-171')	14J1219-02	Soil	X
KWF-MW2S:GW(166-171')	14J1219-03	Water	X
KWF-MW2S:(141-142')	14J1219-04	Soil	X
TRIP	14J1219-05	Water	X
SDG 14K0001			
KWF-MW2S:GW(140-145')	14K0001-01	Water	X
KWF-MW2S:(112-113')	14K0001-02	Soil	X
KWF-MW2S:GW(110-115')	14K0001-03	Water	X
KWF-MW4R:(199-200')	14K0001-04	Soil	X
KWF-MW4R:GW(199-200')	14K0001-05	Water	X
KWF-MW4R:(167-177')	14K0001-06	Soil	X
KWF-MW4R:GW(167-172')	14K0001-07	Water	X
Trip Blank	14K0001-08	Water	X
SDG14K0110			
KWF-MW4R(127-137')	14K0110-01	Soil	X
KWF-MW4R:GW(137-142')	14K0110-02	Water	X
KWF-MW4R(111-112')	14K0110-03	Soil	X
KWF-MW4R:GW(110-115')	14K0110-04	Water	X
Trip Blank	14K0110-05	Water	X
SDG14K0151			
KWF-MW1S(199-200')	14K0151-01	Soil	X
KWF-MW1S(184-185')	14K0151-02	Soil	X
KWF-MW1S(169-170')	14K0151-03	Soil	X
KWF-MW1S(157-158')	14K0151-04	Soil	X
KWF-FD-XX1	14K0151-05	Soil	X
SDG14K0155			
KWF-MW1S:GW(197-200')	14K0155-01	Water	X

DATA USABILITY SUMMARY REPORT
Volatiles
USEPA REGION II

Client Sample ID	Laboratory ID	Matrix	VOCs
KWF-MW1S:GW(182-187')	14K0155-02	Water	X
KWF-MW1S:GW(167-172')	14K0155-03	Water	X
KWF-MW1S:GW(153-158')	14K0155-04	Water	X
TRIP BLANK	14K0155-05	Water	X
SDG14K0246			
KWF-MW11R(199-200')	14K0246-01	Soil	X
KWF-MW11R(184-185')	14K0246-02	Soil	X
KWF-MW11R(169-170')	14K0246-03	Soil	X
KWF-MW11R(155-156')	14K0246-04	Soil	X
SDG14K0247			
KWF-MW11R:GW(196-200')	14K0247-01	Water	X
KWF-MW11R:GW(181-186')	14K0247-02	Water	X
KWF-MW11R:GW(166-171')	14K0247-03	Water	X
KWF-MW11R:GW(153-158')	14K0247-04	Water	X
TRIP BLANK	14K0247-05	Water	X
SDG14L0250			
KWF-MW2S	14L0250-01	Water	X
KWF-MW4R	14L0250-02	Water	X
KWF-MW1S	14L0250-03	Water	X
KWF-MW11R	14L0250-04	Water	X
KWF-PW	14L0250-05	Water	X
KWF-EB	14L0250-06	Water	X
KWF-FD	14L0250-07	Water	X
Trip Blank	14L0250-08	Water	X

This report contains nine (9) SDGs along with field QC samples. The samples were analyzed via Method SW-846 8260C. The adherence of laboratory analytical performance to this method's analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration standards, calibration verifications, laboratory controls, surrogate recoveries, spike recoveries, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC): All were present.

Holding Time: Holding times were within acceptable criterion for all samples and analyses.

Blanks Quality Control: The following were qualified due to blank contamination;

DATA USABILITY SUMMARY REPORT
Volatiles
USEPA REGION II

Sample Identification	Compound	Qualifier
14K0001-01	1,2,4-Trichlorobenzene	U
14K0001-05,14K0155-02, 14K0247-04,14L0250-01, 14L0250-02,14L0250-05	Acetone	U
14K0155-01, 14K0155-02, 14K0155-03, 14L0250-01	Methylene chloride	U
14L0250-01	2-Butanone	U

Calibration Quality Control: The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
14J1219-01,14J1219-03 14K0110-04,	2-Butanone	J
14J1176-01, 14J1219-02,14J1219-04	Bromomethane	UJ
14K0001-05, 14K0155-02, 14K0247-04, 14L0250-01, 14L0250-02,14L0250-05	Acetone	UJ
14K0155-01,14K0155-02, 14K0155-03	Methylene chloride	UJ
14L0250-06	Acetone	J

Laboratory Control Sample (LCS): The laboratory control sample is acceptable.

Surrogates: The surrogate recoveries were acceptable.

Matrix Spike: The matrix spike recoveries were acceptable.

Internal Standards: The internal standards did not report any deficiencies and are acceptable.

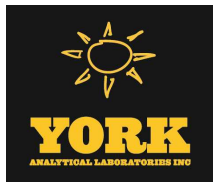
Compound Quantitation: Quantitation was acceptable.

Additional Comments: There are no additional comments.

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable as there are no quality control issues.

ATTACHMENT A

FORM 1s



Sample Information

Client Sample ID: KWF-MW-25 (199'-200')

York Sample ID: 14J1176-01

York Project (SDG) No.

14J1176

Client Project ID

41433.00 Task 0200 Katonah

Matrix

Soil

Collection Date/Time

October 28, 2014 3:15 pm

Date Received

10/29/2014

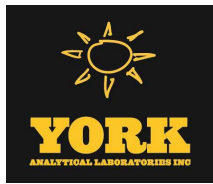
Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
78-93-3	2-Butanone	0.011		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
67-64-1	Acetone	0.037		mg/kg dry	0.0053	0.011	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
75-09-2	Methylene chloride	0.017		mg/kg dry	0.0053	0.011	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS



Sample Information

Client Sample ID: KWF-MW-25 (199'-200')

York Sample ID: 14J1176-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1176

41433.00 Task 0200 Katonah

Soil

October 28, 2014 3:15 pm

10/29/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C	11/04/2014 16:01	11/04/2014 23:46	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	118 %				77-125					
460-00-4	Surrogate: p-Bromofluorobenzene	95.2 %				76-130					
2037-26-5	Surrogate: Toluene-d8	105 %				85-120					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.4		%	0.100	0.100	1	SM 2540G	11/05/2014 09:09	11/05/2014 15:27	SCA

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14J1176-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1176

41433.00 Task 0200 Katonah

Water

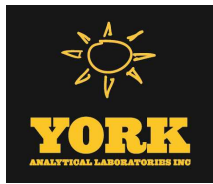
October 28, 2014 12:00 am

10/29/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14J1176-02

York Project (SDG) No.

14J1176

Client Project ID

41433.00 Task 0200 Katonah

Matrix

Water

Collection Date/Time

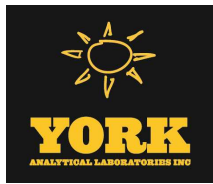
October 28, 2014 12:00 am

Date Received

10/29/2014

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
591-78-6	2-Hexanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
75-15-0	Carbon disulfide	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14J1176-02

York Project (SDG) No.

14J1176

Client Project ID

41433.00 Task 0200 Katonah

Matrix

Water

Collection Date/Time

October 28, 2014 12:00 am

Date Received

10/29/2014

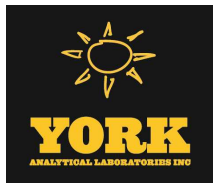
Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/04/2014 16:41	11/05/2014 07:02	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.7 %	65-135								
460-00-4	Surrogate: p-Bromofluorobenzene	88.0 %	81-114								
2037-26-5	Surrogate: Toluene-d8	105 %	86-118								



Sample Information

Client Sample ID: KWF-MW2S:GW(197-200')

York Sample ID: 14J1219-01

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Water

Collection Date/Time

October 29, 2014 10:35 am

Date Received

10/30/2014

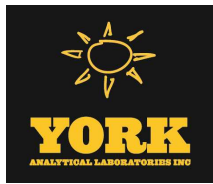
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
78-93-3	2-Butanone	8.1	J	ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
67-64-1	Acetone	25		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
71-43-2	Benzene	0.30	J	ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS



Sample Information

Client Sample ID: KWF-MW2S:GW(197-200')

York Sample ID: 14J1219-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1219

41433.00 TASK 0200 KATONAH

Water

October 29, 2014 10:35 am

10/30/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:14	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %	69-130								
2037-26-5	Surrogate: Toluene-d8	94.8 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	97.3 %	79-122								

Sample Information

Client Sample ID: KWF-MW2S:(170-171')

York Sample ID: 14J1219-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1219

41433.00 TASK 0200 KATONAH

Soil

October 29, 2014 11:50 am

10/30/2014

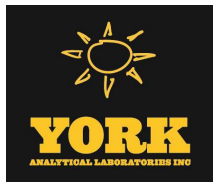
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	0.019		mg/kg dry	0.0058	0.012	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS



Sample Information

Client Sample ID: KWF-MW2S:(170-171')

York Sample ID: 14J1219-02

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Soil

Collection Date/Time

October 29, 2014 11:50 am

Date Received

10/30/2014

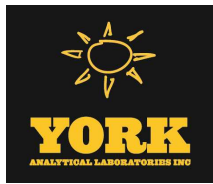
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
78-93-3	2-Butanone	0.0043	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-09-2	Methylene chloride	0.010	J	mg/kg dry	0.0058	0.012	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS



Sample Information

Client Sample ID: KWF-MW2S:(170-171')

York Sample ID: 14J1219-02

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Soil

Collection Date/Time

October 29, 2014 11:50 am

Date Received

10/30/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:14	SS
Surrogate Recoveries		Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	99.5 %		76-130							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.6 %		77-125							
2037-26-5	Surrogate: Toluene-d8	102 %		85-120							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.3		%	0.100	0.100	1	SM 2540G	11/05/2014 15:56	11/06/2014 14:12	SCA

Sample Information

Client Sample ID: KWF-MW2S:GW(166-171')

York Sample ID: 14J1219-03

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Water

Collection Date/Time

October 29, 2014 1:05 pm

Date Received

10/30/2014

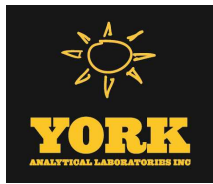
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: KWF-MW2S:GW(166-171')

York Sample ID: 14J1219-03

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Water

Collection Date/Time

October 29, 2014 1:05 pm

Date Received

10/30/2014

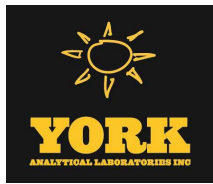
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
78-93-3	2-Butanone	2.4	J	CCV-E	ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
67-64-1	Acetone	4.7		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
75-27-4	Bromodichloromethane	2.6		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
67-66-3	Chloroform	26		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS	



Sample Information

Client Sample ID: KWF-MW2S:GW(166-171')

York Sample ID: 14J1219-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1219

41433.00 TASK 0200 KATONAH

Water

October 29, 2014 1:05 pm

10/30/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
108-88-3	Toluene	0.47	J	ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/05/2014 15:47	11/06/2014 07:54	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %		69-130							
2037-26-5	Surrogate: Toluene-d8	97.4 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	99.0 %		79-122							

Sample Information

Client Sample ID: KWF-MW2S:(141-142')

York Sample ID: 14J1219-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1219

41433.00 TASK 0200 KATONAH

Soil

October 29, 2014 2:55 pm

10/30/2014

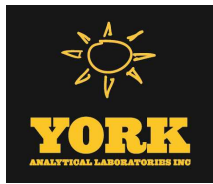
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	0.0060	J	mg/kg dry	0.0056	0.011	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS



Sample Information

Client Sample ID: KWF-MW2S:(141-142')

York Sample ID: 14J1219-04

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Soil

Collection Date/Time

October 29, 2014 2:55 pm

Date Received

10/30/2014

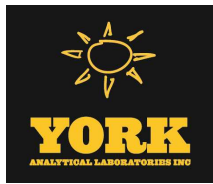
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
74-83-9	Bromomethane	ND <i>VJ</i>		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-09-2	Methylene chloride	0.010	J	mg/kg dry	0.0056	0.011	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS



Sample Information

Client Sample ID: KWF-MW2S:(141-142')

York Sample ID: 14J1219-04

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Soil

Collection Date/Time

October 29, 2014 2:55 pm

Date Received

10/30/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C	11/06/2014 16:50	11/06/2014 23:43	SS
Surrogate Recoveries		Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	93.5 %				76-130					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %				77-125					
2037-26-5	Surrogate: Toluene-d8	101 %				85-120					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	79.5		%	0.100	0.100	1	SM 2540G	11/05/2014 15:56	11/06/2014 14:12	SCA

Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14J1219-05

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Water

Collection Date/Time

October 29, 2014 3:00 pm

Date Received

10/30/2014

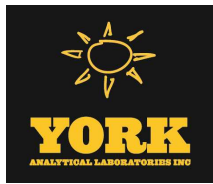
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14J1219-05

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Water

Collection Date/Time

October 29, 2014 3:00 pm

Date Received

10/30/2014

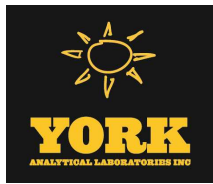
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14J1219-05

York Project (SDG) No.

14J1219

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Water

Collection Date/Time

October 29, 2014 3:00 pm

Date Received

10/30/2014

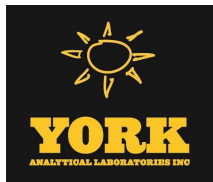
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/05/2014 15:47	11/06/2014 08:33	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	69-130								
2037-26-5	Surrogate: Toluene-d8	95.6 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	105 %	79-122								



Sample Information

Client Sample ID: KWF-MW2S:GW(140-145')

York Sample ID: 14K0001-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 30, 2014 8:40 am

10/31/2014

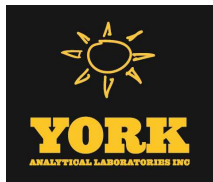
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOO	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
120-82-1	1,2,4-Trichlorobenzene	0.24	J, B	ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-27-4	Bromodichloromethane	2.8		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
67-66-3	Chloroform	27		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
124-48-1	Dibromochloromethane	0.20	J	ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS



Sample Information

Client Sample ID: KWF-MW2S:GW(140-145')

York Sample ID: 14K0001-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 30, 2014 8:40 am

10/31/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/06/2014 16:40	11/07/2014 06:37	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	124 %	69-130								
2037-26-5	Surrogate: Toluene-d8	92.7 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	96.9 %	79-122								

Sample Information

Client Sample ID: KWF-MW2S:(112-113')

York Sample ID: 14K0001-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 30, 2014 10:55 am

10/31/2014

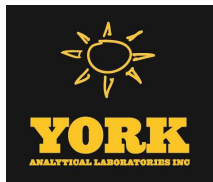
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0099	0.020	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
71-43-2	Benzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS



Sample Information

Client Sample ID: KWF-MW2S:(112-113')

York Sample ID: 14K0001-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 30, 2014 10:55 am

10/31/2014

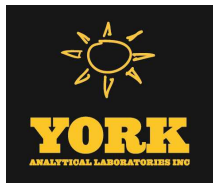
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.099	0.20	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-09-2	Methylene chloride	0.011	J	mg/kg dry	0.0099	0.020	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
100-42-5	Styrene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
108-88-3	Toluene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS



Sample Information

Client Sample ID: KWF-MW2S:(112-113')

York Sample ID: 14K0001-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 30, 2014 10:55 am

10/31/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0099	0.020	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.015	0.030	1	EPA 8260C	11/06/2014 16:44	11/07/2014 03:37	SS
Surrogate Recoveries		Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	94.2 %		76-130							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.4 %		77-125							
2037-26-5	Surrogate: Toluene-d8	111 %		85-120							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.1		%	0.100	0.100	1	SM 2540G	11/07/2014 09:27	11/07/2014 16:14	SCA

Sample Information

Client Sample ID: KWF-MW2S:GW(110-115')

York Sample ID: 14K0001-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 30, 2014 1:20 pm

10/31/2014

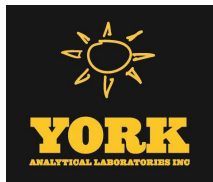
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS



Sample Information

Client Sample ID: KWF-MW2S:GW(110-115')

York Sample ID: 14K0001-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 30, 2014 1:20 pm

10/31/2014

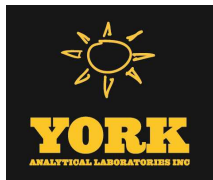
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-27-4	Bromodichloromethane	1.7		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
67-66-3	Chloroform	16		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS



Sample Information

Client Sample ID: KWF-MW2S:GW(110-115')

York Sample ID: 14K0001-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 30, 2014 1:20 pm

10/31/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/06/2014 16:40	11/07/2014 07:16	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %		69-130							
2037-26-5	Surrogate: Toluene-d8	94.8 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	98.3 %		79-122							

Sample Information

Client Sample ID: KWF-MW4R:(199-200')

York Sample ID: 14K0001-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 31, 2014 12:05 pm

10/31/2014

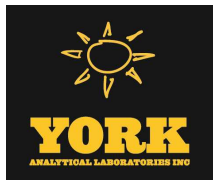
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS



Sample Information

Client Sample ID: KWF-MW4R:(199-200')

York Sample ID: 14K0001-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 31, 2014 12:05 pm

10/31/2014

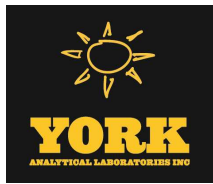
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-09-2	Methylene chloride	0.0063	J	mg/kg dry	0.0061	0.012	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	11/06/2014 16:44	11/07/2014 04:19	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	94.5 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.6 %	77-125								
2037-26-5	Surrogate: Toluene-d8	108 %	85-120								



Sample Information

Client Sample ID: KWF-MW4R:(199-200')

York Sample ID: 14K0001-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 31, 2014 12:05 pm

10/31/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.9		%	0.100	0.100	1	SM 2540G	11/07/2014 09:27	11/07/2014 16:14	SCA

Sample Information

Client Sample ID: KWF-MW4R:GW(199-200')

York Sample ID: 14K0001-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 12:35 pm

10/31/2014

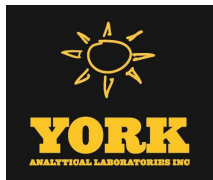
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
67-64-1	Acetone	2.5		ug/L	1.0	2.0	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS



Sample Information

Client Sample ID: KWF-MW4R:GW(199-200')

York Sample ID: 14K0001-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 12:35 pm

10/31/2014

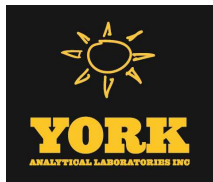
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
127-18-4	Tetrachloroethylene	0.64		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/07/2014 08:30	11/07/2014 14:14	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	69-130								
2037-26-5	Surrogate: Toluene-d8	110 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	79-122								



Sample Information

Client Sample ID: KWF-MW4R:(167-177')

York Sample ID: 14K0001-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 31, 2014 1:35 pm

10/31/2014

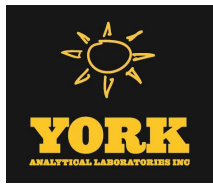
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.010	0.021	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
71-43-2	Benzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.10	0.21	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-09-2	Methylene chloride	0.012	J	mg/kg dry	0.010	0.021	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
100-42-5	Styrene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS



Sample Information

Client Sample ID: KWF-MW4R:(167-177')

York Sample ID: 14K0001-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Soil

October 31, 2014 1:35 pm

10/31/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
108-88-3	Toluene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.010	0.021	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.015	0.031	1	EPA 8260C	11/06/2014 16:44	11/07/2014 05:00	SS
Surrogate Recoveries		Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	92.2 %		76-130							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.9 %		77-125							
2037-26-5	Surrogate: Toluene-d8	105 %		85-120							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	79.7		%	0.100	0.100	1	SM 2540G	11/07/2014 09:23	11/07/2014 16:04	SCA

Sample Information

Client Sample ID: KWF-MW4R:GW(167-172')

York Sample ID: 14K0001-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 2:00 pm

10/31/2014

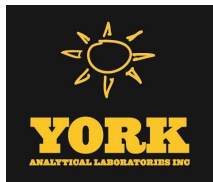
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS



Sample Information

Client Sample ID: KWF-MW4R:GW(167-172')

York Sample ID: 14K0001-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 2:00 pm

10/31/2014

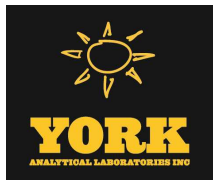
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-27-4	Bromodichloromethane	1.0		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
67-66-3	Chloroform	10		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS



Sample Information

Client Sample ID: KWF-MW4R:GW(167-172')

York Sample ID: 14K0001-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 2:00 pm

10/31/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
127-18-4	Tetrachloroethylene	0.62		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/06/2014 16:40	11/07/2014 08:37	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	116 %			69-130						
2037-26-5	Surrogate: Toluene-d8	97.5 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	97.8 %			79-122						

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14K0001-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 12:00 am

10/31/2014

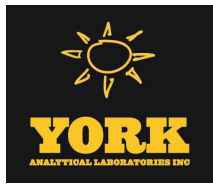
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14K0001-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 12:00 am

10/31/2014

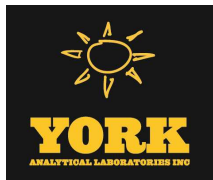
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14K0001-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0001

41433.00 Task 0200 Katonah

Water

October 31, 2014 12:00 am

10/31/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/06/2014 16:40	11/07/2014 09:16	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %		69-130							
2037-26-5	Surrogate: Toluene-d8	95.7 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	99.4 %		79-122							



Sample Information

Client Sample ID: KWF-MW4R (127-137')

York Sample ID: 14K0110-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0110

41433.00 TASK 0200 KATONAH

Soil

November 3, 2014 9:45 am

11/04/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
67-64-1	Acetone	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
75-09-2	Methylene chloride	0.019		mg/kg dry	0.0062	0.012	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK



Sample Information

Client Sample ID: KWF-MW4R (127-137')

York Sample ID: 14K0110-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0110

41433.00 TASK 0200 KATONAH

Soil

November 3, 2014 9:45 am

11/04/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0031	0.012	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
127-18-4	Tetrachloroethylene	0.0049	J	mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0093	0.019	1	EPA 8260C	11/11/2014 17:15	11/12/2014 02:48	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %				77-125					
460-00-4	Surrogate: p-Bromofluorobenzene	87.2 %				76-130					
2037-26-5	Surrogate: Toluene-d8	103 %				85-120					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.2		%	0.100	0.100	1	SM 2540G	11/11/2014 08:33	11/11/2014 15:57	SCA

Sample Information

Client Sample ID: KWF-MW4R:GW (137-142')

York Sample ID: 14K0110-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0110

41433.00 TASK 0200 KATONAH

Water

November 3, 2014 8:45 am

11/04/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: KWF-MW4R:GW (137-142')

York Sample ID: 14K0110-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0110

41433.00 TASK 0200 KATONAH

Water

November 3, 2014 8:45 am

11/04/2014

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
591-78-6	2-Hexanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
67-64-1	Acetone	5.4	J	ug/L	5.0	10	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
75-15-0	Carbon disulfide	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
67-66-3	Chloroform	23		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS



Sample Information

Client Sample ID: KWF-MW4R:GW (137-142')

York Sample ID: 14K0110-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0110

41433.00 TASK 0200 KATONAH

Water

November 3, 2014 8:45 am

11/04/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/11/2014 17:08	11/11/2014 23:30	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %				65-135					
460-00-4	Surrogate: p-Bromofluorobenzene	96.4 %				81-114					
2037-26-5	Surrogate: Toluene-d8	111 %				86-118					

Sample Information

Client Sample ID: KWF-MW4R (111-112')

York Sample ID: 14K0110-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0110

41433.00 TASK 0200 KATONAH

Soil

November 3, 2014 10:45 am

11/04/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK



Sample Information

Client Sample ID: KWF-MW4R (111-112')

York Sample ID: 14K0110-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0110

41433.00 TASK 0200 KATONAH

Soil

November 3, 2014 10:45 am

11/04/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
75-09-2	Methylene chloride	0.012		mg/kg dry	0.0047	0.0093	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0093	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK



Sample Information

Client Sample ID: KWF-MW4R (111-112')

York Sample ID: 14K0110-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0110

41433.00 TASK 0200 KATONAH

Soil

November 3, 2014 10:45 am

11/04/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	0.0069		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	11/11/2014 17:15	11/12/2014 03:32	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	87.8 %			76-130						
2037-26-5	Surrogate: Toluene-d8	103 %			85-120						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.0		%	0.100	0.100	1	SM 2540G	11/11/2014 08:33	11/11/2014 15:57	SCA

Sample Information

Client Sample ID: KWF-MW4R:GW (110-115')

York Sample ID: 14K0110-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0110

41433.00 TASK 0200 KATONAH

Water

November 3, 2014 10:55 am

11/04/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS



Sample Information

Client Sample ID: KWF-MW4R:GW (110-115')

York Sample ID: 14K0110-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0110

41433.00 TASK 0200 KATONAH

Water

November 3, 2014 10:55 am

11/04/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
78-93-3	2-Butanone	7.6	J	ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
591-78-6	2-Hexanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
67-64-1	Acetone	5.8	J	ug/L	5.0	10	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
75-15-0	Carbon disulfide	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
67-66-3	Chloroform	29		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS



Sample Information

Client Sample ID: KWF-MW4R:GW (110-115')

York Sample ID: 14K0110-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0110

41433.00 TASK 0200 KATONAH

Water

November 3, 2014 10:55 am

11/04/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:10	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %			65-135						
460-00-4	Surrogate: p-Bromofluorobenzene	96.4 %			81-114						
2037-26-5	Surrogate: Toluene-d8	111 %			86-118						

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14K0110-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0110

41433.00 TASK 0200 KATONAH

Water

November 3, 2014 12:00 am

11/04/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14K0110-05

York Project (SDG) No.

14K0110

Client Project ID

41433.00 TASK 0200 KATONAH

Matrix

Water

Collection Date/Time

November 3, 2014 12:00 am

Date Received

11/04/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
591-78-6	2-Hexanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
75-15-0	Carbon disulfide	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14K0110-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0110

41433.00 TASK 0200 KATONAH

Water

November 3, 2014 12:00 am

11/04/2014

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/11/2014 17:08	11/12/2014 00:50	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			65-135						
460-00-4	Surrogate: p-Bromofluorobenzene	98.6 %			81-114						
2037-26-5	Surrogate: Toluene-d8	112 %			86-118						



Sample Information

Client Sample ID: KWF-MW1S (199-200')

York Sample ID: 14K0151-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 8:35 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK



Sample Information

Client Sample ID: KWF-MW1S (199-200')

York Sample ID: 14K0151-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 8:35 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0086	0.017	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:13	BK
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	88.3 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	77-125								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.6		%	0.100	0.100	1	SM 2540G	11/12/2014 10:54	11/12/2014 16:28	SCA

Sample Information

Client Sample ID: KWF-MW1S (184-185')

York Sample ID: 14K0151-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 9:35 am

11/05/2014



Sample Information

Client Sample ID: KWF-MW1S (184-185')

York Sample ID: 14K0151-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 9:35 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK



Sample Information

Client Sample ID: KWF-MW1S (184-185')

York Sample ID: 14K0151-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 9:35 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C	11/13/2014 09:22	11/13/2014 14:57	BK
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	87.3 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	77-125								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.8		%	0.100	0.100	1	SM 2540G	11/12/2014 10:54	11/12/2014 16:28	SCA

Sample Information

Client Sample ID: KWF-MW1S (169-170')

York Sample ID: 14K0151-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 10:30 am

11/05/2014



Sample Information

Client Sample ID: KWF-MW1S (169-170')

York Sample ID: 14K0151-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 10:30 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS



Sample Information

Client Sample ID: KWF-MW1S (169-170')

York Sample ID: 14K0151-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 10:30 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	11/12/2014 08:39	11/13/2014 07:31	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	90.5 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.3		%	0.100	0.100	1	SM 2540G	11/12/2014 10:54	11/12/2014 16:28	SCA

Sample Information

Client Sample ID: KWF-MW1S (157-158')

York Sample ID: 14K0151-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 11:15 am

11/05/2014



Sample Information

Client Sample ID: KWF-MW1S (157-158')

York Sample ID: 14K0151-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 11:15 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS



Sample Information

Client Sample ID: KWF-MW1S (157-158')

York Sample ID: 14K0151-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 11:15 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-09-2	Methylene chloride	0.0061	J	mg/kg dry	0.0049	0.0098	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:08	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	91.3 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.5		%	0.100	0.100	1	SM 2540G	11/12/2014 10:54	11/12/2014 16:28	SCA

Sample Information

Client Sample ID: KWF-FD-XX1

York Sample ID: 14K0151-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 3:00 pm

11/05/2014



Sample Information

Client Sample ID: KWF-FD-XX1

York Sample ID: 14K0151-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 3:00 pm

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS



Sample Information

Client Sample ID: KWF-FD-XX1

York Sample ID: 14K0151-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0151

41433.00 TASK 0200 KATONAH WELLS

Soil

November 4, 2014 3:00 pm

11/05/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-09-2	Methylene chloride	0.0079	J	mg/kg dry	0.0050	0.010	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	11/12/2014 08:39	11/13/2014 08:43	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	93.5 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	77-125								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.3		%	0.100	0.100	1	SM 2540G	11/12/2014 10:54	11/12/2014 16:28	SCA



Sample Information

Client Sample ID: KWF-MW1S:GW (197-200')

York Sample ID: 14K0155-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 8:45 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS



Sample Information

Client Sample ID: KWF-MW1S:GW (197-200')

York Sample ID: 14K0155-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 8:45 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-09-2	Methylene chloride	2.2		ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
127-18-4	Tetrachloroethylene	0.66		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/11/2014 17:12	11/12/2014 03:45	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	69-130								
2037-26-5	Surrogate: Toluene-d8	90.6 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	79-122								

Sample Information

Client Sample ID: KWF-MW1S:GW (182-187')

York Sample ID: 14K0155-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 9:45 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS



Sample Information

Client Sample ID: KWF-MW1S:GW (182-187')

York Sample ID: 14K0155-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 9:45 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
67-64-1	Acetone	1.2	CCV-E, J	ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-27-4	Bromodichloromethane	2.4		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
67-66-3	Chloroform	23		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS



Sample Information

Client Sample ID: KWF-MW1S:GW (182-187')

York Sample ID: 14K0155-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 9:45 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
127-18-4	Tetrachloroethylene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/11/2014 17:12	11/12/2014 04:24	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	69-130								
2037-26-5	Surrogate: Toluene-d8	90.0 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	97.2 %	79-122								

Sample Information

Client Sample ID: KWF-MW1S:GW (167-172')

York Sample ID: 14K0155-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 10:20 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS



Sample Information

Client Sample ID: KWF-MW1S:GW (167-172')

York Sample ID: 14K0155-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 10:20 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-27-4	Bromodichloromethane	3.2		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
67-66-3	Chloroform	28		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS



Sample Information

Client Sample ID: KWF-MW1S:GW (167-172')

York Sample ID: 14K0155-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 10:20 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	2.9	CCV-E, B	ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:04	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	121 %	69-130								
2037-26-5	Surrogate: Toluene-d8	92.9 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	99.9 %	79-122								

Sample Information

Client Sample ID: KWF-MW1S:GW (153-158')

York Sample ID: 14K0155-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 11:30 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS



Sample Information

Client Sample ID: KWF-MW1S:GW (153-158')

York Sample ID: 14K0155-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 11:30 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
78-93-3	2-Butanone	0.52		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-27-4	Bromodichloromethane	3.2		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
67-66-3	Chloroform	29		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-09-2	Methylene chloride	2.8	CCV-E, B	ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS



Sample Information

Client Sample ID: KWF-MW1S:GW (153-158')

York Sample ID: 14K0155-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 11:30 am

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/11/2014 17:12	11/12/2014 05:43	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %			69-130						
2037-26-5	Surrogate: Toluene-d8	91.3 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	100 %			79-122						

Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14K0155-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 3:00 pm

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14K0155-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 3:00 pm

11/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
67-64-1	Acetone	1.2	J	ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-09-2	Methylene chloride	3.3	CCV-E, B	ug/L	1.0	2.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14K0155-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0155

41433.00 TASK 0200 KATONAH WELLS

Water

November 4, 2014 3:00 pm

11/05/2014

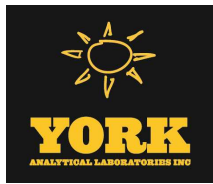
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/11/2014 17:12	11/12/2014 06:23	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	133 %	S-08	69-130							
2037-26-5	Surrogate: Toluene-d8	82.2 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	98.2 %		79-122							



Sample Information

Client Sample ID: KWF-MW11R (199-200')

York Sample ID: 14K0246-01

York Project (SDG) No.

14K0246

Client Project ID

41433.00/TASK 0200

Matrix

Soil

Collection Date/Time

November 5, 2014 9:15 am

Date Received

11/06/2014

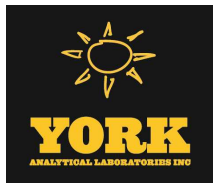
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS



Sample Information

Client Sample ID: KWF-MW11R (199-200')

York Sample ID: 14K0246-01

York Project (SDG) No.

14K0246

Client Project ID

41433.00/TASK 0200

Matrix

Soil

Collection Date/Time

November 5, 2014 9:15 am

Date Received

11/06/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-09-2	Methylene chloride	0.0074	J	mg/kg dry	0.0054	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	11/13/2014 16:52	11/14/2014 07:37	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	92.4 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: Toluene-d8	98.6 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.9		%	0.100	0.100	1	SM 2540G	11/13/2014 08:53	11/13/2014 14:27	KK

Sample Information

Client Sample ID: KWF-MW11R (184-185')

York Sample ID: 14K0246-02

York Project (SDG) No.

14K0246

Client Project ID

41433.00/TASK 0200

Matrix

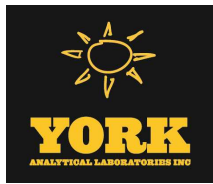
Soil

Collection Date/Time

November 5, 2014 10:20 am

Date Received

11/06/2014



Sample Information

Client Sample ID: KWF-MW11R (184-185')

York Sample ID: 14K0246-02

York Project (SDG) No.

14K0246

Client Project ID

41433.00/TASK 0200

Matrix

Soil

Collection Date/Time

November 5, 2014 10:20 am

Date Received

11/06/2014

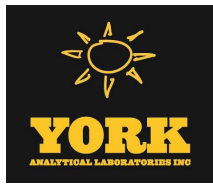
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS



Sample Information

Client Sample ID: KWF-MW11R (184-185')

York Sample ID: 14K0246-02

York Project (SDG) No.

14K0246

Client Project ID

41433.00/TASK 0200

Matrix

Soil

Collection Date/Time

November 5, 2014 10:20 am

Date Received

11/06/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-09-2	Methylene chloride	0.0065	J	mg/kg dry	0.0050	0.010	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:12	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	93.4 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	97.0		%	0.100	0.100	1	SM 2540G	11/13/2014 08:53	11/13/2014 14:27	KK

Sample Information

Client Sample ID: KWF-MW11R (169-170')

York Sample ID: 14K0246-03

York Project (SDG) No.

14K0246

Client Project ID

41433.00/TASK 0200

Matrix

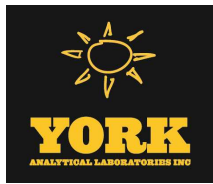
Soil

Collection Date/Time

November 5, 2014 11:05 am

Date Received

11/06/2014



Sample Information

Client Sample ID: KWF-MW11R (169-170')

York Sample ID: 14K0246-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0246

41433.00/TASK 0200

Soil

November 5, 2014 11:05 am

11/06/2014

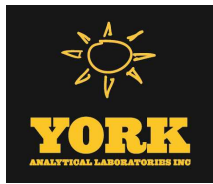
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS



Sample Information

Client Sample ID: KWF-MW11R (169-170')

York Sample ID: 14K0246-03

York Project (SDG) No.

14K0246

Client Project ID

41433.00/TASK 0200

Matrix

Soil

Collection Date/Time

November 5, 2014 11:05 am

Date Received

11/06/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-09-2	Methylene chloride	0.0070	J	mg/kg dry	0.0053	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C	11/13/2014 16:52	11/14/2014 08:48	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	89.6 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.1		%	0.100	0.100	1	SM 2540G	11/13/2014 08:53	11/13/2014 14:27	KK

Sample Information

Client Sample ID: KWF-MW11R (155-156')

York Sample ID: 14K0246-04

York Project (SDG) No.

14K0246

Client Project ID

41433.00/TASK 0200

Matrix

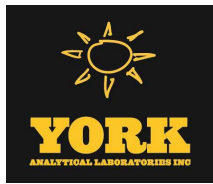
Soil

Collection Date/Time

November 5, 2014 12:10 pm

Date Received

11/06/2014



Sample Information

Client Sample ID: KWF-MW11R (155-156')

York Sample ID: 14K0246-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0246

41433.00/TASK 0200

Soil

November 5, 2014 12:10 pm

11/06/2014

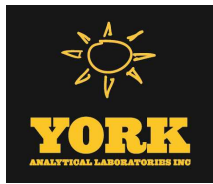
Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS



Sample Information

Client Sample ID: KWF-MW11R (155-156')

York Sample ID: 14K0246-04

York Project (SDG) No.

14K0246

Client Project ID

41433.00/TASK 0200

Matrix

Soil

Collection Date/Time

November 5, 2014 12:10 pm

Date Received

11/06/2014

Volatile Organics, 8260 - TCL/SOM

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-09-2	Methylene chloride	0.0074	J	mg/kg dry	0.0054	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	11/13/2014 16:52	11/14/2014 09:24	SS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	89.8 %	76-130								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	77-125								
2037-26-5	Surrogate: Toluene-d8	100 %	85-120								

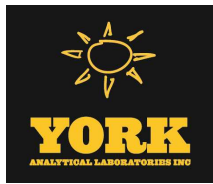
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.9		%	0.100	0.100	1	SM 2540G	11/13/2014 08:53	11/13/2014 14:27	KK



Sample Information

Client Sample ID: KWF-MW11R (196-200')

York Sample ID: 14K0247-01

York Project (SDG) No.

14K0247

Client Project ID

41433.00/TASK 0200

Matrix

Water

Collection Date/Time

November 5, 2014 9:20 am

Date Received

11/06/2014

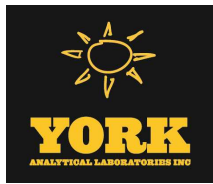
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS



Sample Information

Client Sample ID: KWF-MW11R (196-200')

York Sample ID: 14K0247-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0247

41433.00/TASK 0200

Water

November 5, 2014 9:20 am

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
127-18-4	Tetrachloroethylene	0.36	J	ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/12/2014 10:54	11/13/2014 01:42	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	120 %	69-130								
2037-26-5	Surrogate: Toluene-d8	90.8 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	97.5 %	79-122								

Sample Information

Client Sample ID: KWF-MW11R (181-186')

York Sample ID: 14K0247-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0247

41433.00/TASK 0200

Water

November 5, 2014 10:30 am

11/06/2014

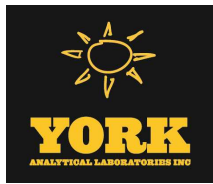
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS



Sample Information

Client Sample ID: KWF-MW11R (181-186')

York Sample ID: 14K0247-02

York Project (SDG) No.

14K0247

Client Project ID

41433.00/TASK 0200

Matrix

Water

Collection Date/Time

November 5, 2014 10:30 am

Date Received

11/06/2014

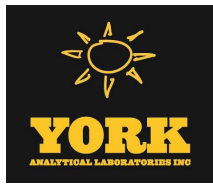
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-27-4	Bromodichloromethane	2.0		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
67-66-3	Chloroform	19		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS



Sample Information

Client Sample ID: KWF-MW11R (181-186')

York Sample ID: 14K0247-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0247

41433.00/TASK 0200

Water

November 5, 2014 10:30 am

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
127-18-4	Tetrachloroethylene	0.35	J	ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/12/2014 10:54	11/13/2014 02:21	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %		69-130							
2037-26-5	Surrogate: Toluene-d8	92.2 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	94.5 %		79-122							

Sample Information

Client Sample ID: KWF-MW11R (166-171')

York Sample ID: 14K0247-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0247

41433.00/TASK 0200

Water

November 5, 2014 11:15 am

11/06/2014

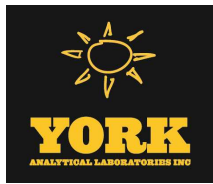
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS



Sample Information

Client Sample ID: KWF-MW11R (166-171')

York Sample ID: 14K0247-03

York Project (SDG) No.

14K0247

Client Project ID

41433.00/TASK 0200

Matrix

Water

Collection Date/Time

November 5, 2014 11:15 am

Date Received

11/06/2014

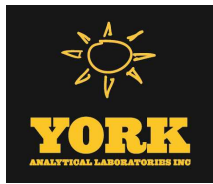
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-27-4	Bromodichloromethane	2.2		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
67-66-3	Chloroform	21		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS



Sample Information

Client Sample ID: KWF-MW11R (166-171')

York Sample ID: 14K0247-03

York Project (SDG) No.

14K0247

Client Project ID

41433.00/TASK 0200

Matrix

Water

Collection Date/Time

November 5, 2014 11:15 am

Date Received

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/12/2014 10:54	11/13/2014 03:01	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	124 %			69-130						
2037-26-5	Surrogate: Toluene-d8	91.9 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	97.8 %			79-122						

Sample Information

Client Sample ID: KWF-MW11R (153-158')

York Sample ID: 14K0247-04

York Project (SDG) No.

14K0247

Client Project ID

41433.00/TASK 0200

Matrix

Water

Collection Date/Time

November 5, 2014 12:20 pm

Date Received

11/06/2014

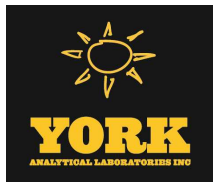
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS



Sample Information

Client Sample ID: KWF-MW11R (153-158')

York Sample ID: 14K0247-04

York Project (SDG) No.

14K0247

Client Project ID

41433.00/TASK 0200

Matrix

Water

Collection Date/Time

November 5, 2014 12:20 pm

Date Received

11/06/2014

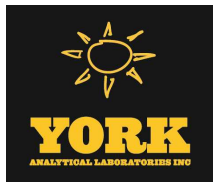
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
67-64-1	Acetone	2.0		ug/L	1.0	2.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-27-4	Bromodichloromethane	2.1		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
67-66-3	Chloroform	18		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS



Sample Information

Client Sample ID: KWF-MW11R (153-158')

York Sample ID: 14K0247-04

York Project (SDG) No.

14K0247

Client Project ID

41433.00/TASK 0200

Matrix

Water

Collection Date/Time

November 5, 2014 12:20 pm

Date Received

11/06/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/13/2014 09:36	11/13/2014 13:35	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %		69-130							
2037-26-5	Surrogate: Toluene-d8	98.5 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	95.7 %		79-122							

Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14K0247-05

York Project (SDG) No.

14K0247

Client Project ID

41433.00/TASK 0200

Matrix

Water

Collection Date/Time

November 5, 2014 3:00 pm

Date Received

11/06/2014

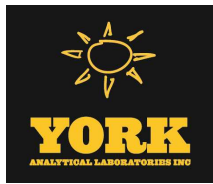
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14K0247-05

York Project (SDG) No.

14K0247

Client Project ID

41433.00/TASK 0200

Matrix

Water

Collection Date/Time

November 5, 2014 3:00 pm

Date Received

11/06/2014

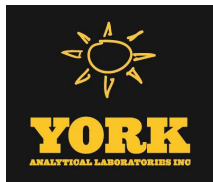
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
67-64-1	Acetone	2.9	Cal-E, CCV-E	ug/L	1.0	2.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/13/2014 09:36	11/13/2014 14:08	SS



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 14K0247-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0247

41433.00/TASK 0200

Water

November 5, 2014 3:00 pm

11/06/2014

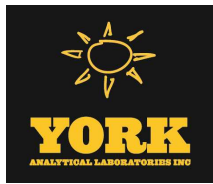
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.9 %			69-130						
2037-26-5	Surrogate: Toluene-d8	100 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %			79-122						



Sample Information

Client Sample ID: KWF-MW2S

York Sample ID: 14L0250-01

York Project (SDG) No.

14L0250

Client Project ID

41433.00 Task 02PS Bedford-Katonah Well

Matrix

Water

Collection Date/Time

December 4, 2014 10:10 am

Date Received

12/05/2014

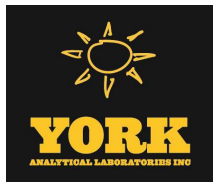
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
67-64-1	Acetone	2.2		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
67-66-3	Chloroform	2.1		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS



Sample Information

Client Sample ID: KWF-MW2S

York Sample ID: 14L0250-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 10:10 am

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-09-2	Methylene chloride	2.1		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 03:54	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: Toluene-d8	110 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	93.3 %	79-122								

Sample Information

Client Sample ID: KWF-MW4R

York Sample ID: 14L0250-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 11:33 am

12/05/2014

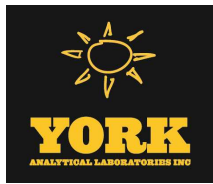
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS



Sample Information

Client Sample ID: KWF-MW4R

York Sample ID: 14L0250-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 11:33 am

12/05/2014

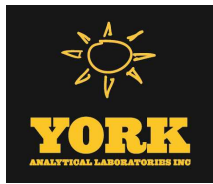
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
67-64-1	Acetone	1.2		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
67-66-3	Chloroform	0.45	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS



Sample Information

Client Sample ID: KWF-MW4R

York Sample ID: 14L0250-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 11:33 am

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
127-18-4	Tetrachloroethylene	9.3		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
79-01-6	Trichloroethylene	0.24	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 04:27	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: Toluene-d8	106 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %	79-122								

Sample Information

Client Sample ID: KWF-MW1S

York Sample ID: 14L0250-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 1:12 pm

12/05/2014

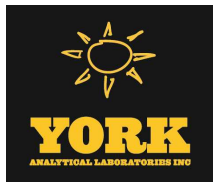
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS



Sample Information

Client Sample ID: KWF-MW1S

York Sample ID: 14L0250-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 1:12 pm

12/05/2014

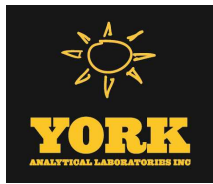
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
67-66-3	Chloroform	0.33	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS



Sample Information

Client Sample ID: KWF-MW1S

York Sample ID: 14L0250-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 1:12 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
127-18-4	Tetrachloroethylene	0.55		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
79-01-6	Trichloroethylene	0.27	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:01	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	93.6 %	79-122								

Sample Information

Client Sample ID: KWF-MW11R

York Sample ID: 14L0250-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 1:58 pm

12/05/2014

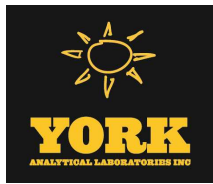
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS



Sample Information

Client Sample ID: KWF-MW11R

York Sample ID: 14L0250-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 1:58 pm

12/05/2014

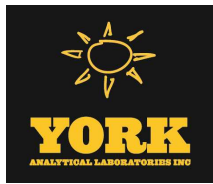
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
67-66-3	Chloroform	0.27	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
127-18-4	Tetrachloroethylene	0.53		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS



Sample Information

Client Sample ID: KWF-MW11R

York Sample ID: 14L0250-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 1:58 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 05:34	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.1 %		69-130							
2037-26-5	Surrogate: Toluene-d8	102 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	85.2 %		79-122							

Sample Information

Client Sample ID: KWF-PW

York Sample ID: 14L0250-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 2:25 pm

12/05/2014

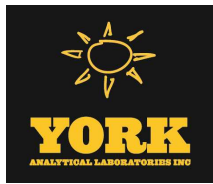
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS



Sample Information

Client Sample ID: KWF-PW

York Sample ID: 14L0250-05

York Project (SDG) No.

14L0250

Client Project ID

41433.00 Task 02PS Bedford-Katonah Well

Matrix

Water

Collection Date/Time

December 4, 2014 2:25 pm

Date Received

12/05/2014

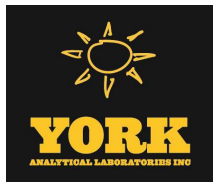
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
67-64-1	Acetone	1.5	~~Cal E~~ ~~J, B~~	ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
127-18-4	Tetrachloroethylene	4.4		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS



Sample Information

Client Sample ID: KWF-PW

York Sample ID: 14L0250-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 2:25 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:06	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %		69-130							
2037-26-5	Surrogate: Toluene-d8	110 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	91.0 %		79-122							

Sample Information

Client Sample ID: KWF-EB

York Sample ID: 14L0250-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 2:05 pm

12/05/2014

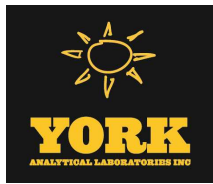
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
78-93-3	2-Butanone	4.9		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
67-64-1	Acetone	8.6		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS



Sample Information

Client Sample ID: KWF-EB

York Sample ID: 14L0250-06

York Project (SDG) No.

14L0250

Client Project ID

41433.00 Task 02PS Bedford-Katonah Well

Matrix

Water

Collection Date/Time

December 4, 2014 2:05 pm

Date Received

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 06:39	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0 Surrogate: 1,2-Dichloroethane-d4

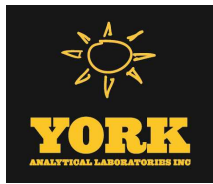
108 %

69-130

2037-26-5 Surrogate: Toluene-d8

93.3 %

81-117



Sample Information

Client Sample ID: KWF-EB

York Sample ID: 14L0250-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 2:05 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	94.2 %			79-122						

Sample Information

Client Sample ID: KWF-FD

York Sample ID: 14L0250-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 3:00 pm

12/05/2014

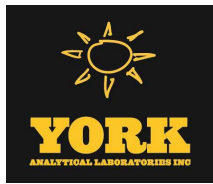
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS



Sample Information

Client Sample ID: KWF-FD

York Sample ID: 14L0250-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 3:00 pm

12/05/2014

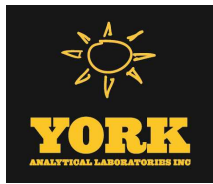
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
67-66-3	Chloroform	0.29	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
127-18-4	Tetrachloroethylene	0.54		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
79-01-6	Trichloroethylene	0.24	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:13	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.7 %	69-130								
2037-26-5	Surrogate: Toluene-d8	108 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	95.2 %	79-122								



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14L0250-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 3:00 pm

12/05/2014

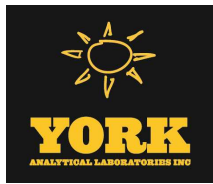
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
108-10-1	4-Methyl-2-pentanone	0.24	J	ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
67-64-1	Acetone	1.7	~~Cal E~~ J, B	ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14L0250-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14L0250

41433.00 Task 02PS Bedford-Katonah Well

Water

December 4, 2014 3:00 pm

12/05/2014

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-09-2	Methylene chloride	3.7		ug/L	1.0	2.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	12/12/2014 16:28	12/13/2014 07:46	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	92.4 %	79-122								

ATTACHMENT B

CASE NARRATIVE & COC

Report Date: 11/05/2014
Client Project ID: 41433.00 Task 0200 Katonah
York Project (SDG) No.: 14J1176

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 29, 2014 and listed below. The project was identified as your project: **41433.00 Task 0200 Katonah**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14J1176-01	KWF-MW-25 (199'-200')	Soil	10/28/2014	10/29/2014
14J1176-02	Trip Blank	Water	10/28/2014	10/29/2014

General Notes for York Project (SDG) No.: 14J1176

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

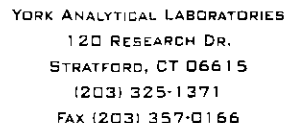
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/05/2014





Page 1 of 1

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 14 J1176

[illegible]

Report Date: 11/07/2014
Client Project ID: 41433.00 TASK 0200 KATONAH
York Project (SDG) No.: 14J1219

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 30, 2014 and listed below. The project was identified as your project: **41433.00 TASK 0200 KATONAH**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14J1219-01	KWF-MW2S:GW(197-200')	Water	10/29/2014	10/30/2014
14J1219-02	KWF-MW2S:(170-171')	Soil	10/29/2014	10/30/2014
14J1219-03	KWF-MW2S:GW(166-171')	Water	10/29/2014	10/30/2014
14J1219-04	KWF-MW2S:(141-142')	Soil	10/29/2014	10/30/2014
14J1219-05	TRIP BLANK	Water	10/29/2014	10/30/2014

General Notes for York Project (SDG) No.: 14J1219

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/07/2014





YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 1

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested. signature binds you to York's Std. Terms & Conditions.

York Project No. 1451219

[illegible]

Report Date: 11/11/2014
Client Project ID: 41433.00 Task 0200 Katonah
York Project (SDG) No.: 14K0001

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 31, 2014 and listed below. The project was identified as your project: **41433.00 Task 0200 Katonah**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0001-01	KWF-MW2S:GW(140-145')	Water	10/30/2014	10/31/2014
14K0001-02	KWF-MW2S:(112-113')	Soil	10/30/2014	10/31/2014
14K0001-03	KWF-MW2S:GW(110-115')	Water	10/30/2014	10/31/2014
14K0001-04	KWF-MW4R:(199-200')	Soil	10/31/2014	10/31/2014
14K0001-05	KWF-MW4R:GW(199-200')	Water	10/31/2014	10/31/2014
14K0001-06	KWF-MW4R:(167-177')	Soil	10/31/2014	10/31/2014
14K0001-07	KWF-MW4R:GW(167-172')	Water	10/31/2014	10/31/2014
14K0001-08	Trip Blank	Water	10/31/2014	10/31/2014

General Notes for York Project (SDG) No.: 14K0001

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/11/2014





Case Narrative

Client: Chazen Environmental Services (Poughkeepsie)

Client Project ID: 41433.00 Task 0200 Katonah

Prepared for: Will Olsen

Introduction

This Case Narrative applies only to the following samples submitted to our laboratory on **10/31/2014 4:10:00 PM** :

KWF-MW2S:(112-113')	Soil
KWF-MW2S:GW(110-115')	Water
KWF-MW2S:GW(140-145')	Water
KWF-MW4R:(167-177')	Soil
KWF-MW4R:(199-200')	Soil
KWF-MW4R:GW(167-172')	Water
KWF-MW4R:GW(199-200')	Water
Trip Blank	Water

The 8 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature(s) was acceptable (2-6oC) and documented as:

Cooler 3.9 C

Chain-of-custody was maintained from receipt through analysis in the laboratory.

Methodology

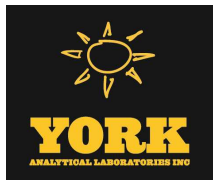
All preparation and analyses were conducted according to the methods referenced in the body of the lab report.

Sample and Analysis Qualifiers

KWF-MW2S:(112-113')	Soil	No Qualifiers
KWF-MW2S:GW(110-115')	Water	No Qualifiers
KWF-MW2S:GW(140-145')	Water	No Qualifiers
KWF-MW4R:(167-177')	Soil	No Qualifiers
KWF-MW4R:(199-200')	Soil	No Qualifiers
KWF-MW4R:GW(167-172')	Water	No Qualifiers

KWF-MW4R:GW(199-200')	Water	Qualifiers

Volatile Organics, 8260 - TCL/SOM (low level)-Acetone - The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit) and continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).



Trip Blank Water No Qualifiers

Analysis Issues (Calibration, Others)

Any issues encountered during analysis are detailed below.

QC Sample Non-Conformances-Volatiles

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance			%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
BK40252-BS1	Cyclohexane - 110-82-7	35 ug/L	LCS	69.5	70-130	Low Bias						
BK40252-BS1	1,2-Dibromo-3-chloropropane - 96-12-8	73 ug/L	LCS	147	74-142	High Bias						
BK40252-BS1	1,2-Dichlorobenzene - 95-50-1	62 ug/L	LCS	124	85-122	High Bias						
BK40252-BS1	2-Hexanone - 591-78-6	70 ug/L	LCS	140	70-139	High Bias						
BK40252-BS1	4-Methyl-2-pentanone - 108-10-1	68 ug/L	LCS	136	72-132	High Bias						
BK40252-BS1	Tetrachloroethylene - 127-18-4	66 ug/L	LCS	131	80-129	High Bias						
BK40252-BS1	1,2,3-Trichlorobenzene - 87-61-6	73 ug/L	LCS	146	81-140	High Bias						

York Project/SDG no.: 14K0001 Statement

We certify that these data are in compliance with SOP requirements both technically and for completeness for other than the conditions stated above. Release of the data contained in the hard copy report and any electronic deliverables has been authorized by the Laboratory Manager as verified by the signature on this laboratory report.

Approved by: Ben Gulizia
Laboratory Director

York Analytical Laboratories, Inc.

Formulae Used for Sample Calculations



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 1

York Project No. 14K0001

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This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type	
Company:	Chazen	Company:	Chazen	Company:	Chazen	YOUR PROJECT ID	41433.00 TALIC 0200 KATONAH	RUSH - Same Day	☒	Summary Report	☒
Address:		Address:		Address:		Purchase Order No.	P 16496	RUSH - Next Day	☐	Summary w/ QA Summary	☐
Phone No.		Phone No.		Phone No.				RUSH - Two Day	☐	CT RCP Package	☐
Attention:		Attention:		Attention:				RUSH - Three Day	☐	CT RCP DQA/DUE Pkg	☐
E-Mail Address:		E-Mail Address:		E-Mail Address:				RUSH - Four Day	☐	NY ASP A Package	☐
								Standard (5-7 Days)	☒	NY ASP B Package	☒
										NJDEP Red. Deliv.	☐
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until all questions by York are resolved. William G. Olson Samples Collected/Authorized By (Signature) William G. Olson Name (printed)											
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor											
Sample Identification		Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below							
KNF-MW2S: GW(140-145')		10-30-14 8:40	GW	3x 40ml VOA w/HCl							
KNF-MW2S(112-113')		" 10:55	S	3x 40ml VOA w/HCl							
KNF-MW2S(110-115')		" 13:20	GW	3x 40ml VOA w/HCl							
KNF-MW4R(199-200')		10-31-14 12:05	S	3x 40ml VOA w/HCl							
KNF-MW4R(167-177')		" 13:35	S	3x 40ml VOA w/HCl							
KNF-MW4R(167-172')		" 14:00	S	3x 40ml VOA w/HCl							
TRIP BLANK			DI	2x 40ml VOA w/HCl							
Comments		4°C ☒ Frozen ☒ MeOH ☒ HNO₃ ☒ H₂SO₄ ☒ NaOH ☒ Other ☐ Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐									
Temperature on Receipt		39.0°C									

Report Date: 11/12/2014
Client Project ID: 41433.00 TASK 0200 KATONAH
York Project (SDG) No.: 14K0110

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 04, 2014 and listed below. The project was identified as your project: **41433.00 TASK 0200 KATONAH**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0110-01	KWF-MW4R (127-137')	Soil	11/03/2014	11/04/2014
14K0110-02	KWF-MW4R:GW (137-142')	Water	11/03/2014	11/04/2014
14K0110-03	KWF-MW4R (111-112')	Soil	11/03/2014	11/04/2014
14K0110-04	KWF-MW4R:GW (110-115')	Water	11/03/2014	11/04/2014
14K0110-05	Trip Blank	Water	11/03/2014	11/04/2014

General Notes for York Project (SDG) No.: 14K0110

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

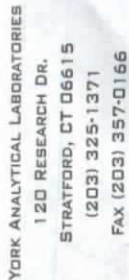
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/12/2014





Field Chain-of-Custody Record

Page 1 of 1

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

YOUR Information Company: <u>The Chazen Companies</u> Address: <u>21 Fox Street</u> Phone No. <u>Roshykeshire NY 12601</u> Contact Person: <u>Will Olsen</u> E-Mail Address: <u>wolsen@chazencompanies.com</u>		Report To: Company: <u>Chazen</u> Address: _____ Phone No. _____ Attention: <u>Will Olsen</u> E-Mail Address: _____		Invoice To: Company: <u>Chazen</u> Address: _____ Phone No. _____ Attention: <u>ACCTS PAYABLE</u> E-Mail Address: _____		YOUR Project ID <u>41433.00</u> <u>TASK 0200</u> <u>KATONAVIT</u> Purchase Order No. <u>P 16496</u>		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Report Type Summary Report ☒ Summary w/ QA Summary _____ CT RCP Package _____ CTRCP DQA/DUE Pkg _____ NY ASP A Package _____ NY ASP B Package ☒ NUDEP Red. Deliv. _____ <i>Electronic Data Deliverables (EDD)</i>	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

William G. Olsen
Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
KWF-MW4R(127-137')	11-3-14/9:45	S	TCL VOCs - 8260	3x Encore; 1x 20z
KWF-MW4R:GW(137-142')	" / 8:45	GW	↓	3x 40ml VOA w/HCl
KWF-MW4R(111-112')	" / 10:45	S	↓	3x Encore; 1x 20z
KWF-MW4R:GW(110-115')	" / 10:55	GW	↓	3x 40ml VOA w/HCl
TRIP BLANK		DI	↓	2x 40ml VOA w/HCl

Comments	Preservation				Temperature on Receipt		
	4°C	Frozen	HCl ZnAc	MeOH Ascorbic Acid	HNO ₃ Other	H ₂ SO ₄	NaOH
	☒	☒		☒			
	Samples Relinquished By <u>Amt</u> Date/Time <u>11/04/14 12:11</u>				Samples Received By <u>Chad</u> Date/Time <u>11-4-14 12:15</u>		
	Samples Relinquished By _____ Date/Time _____				Samples Received in LAB by <u>J. H. H.</u> Date/Time <u>11/4/14-1600</u>		

5.1 °C

Report Date: 11/13/2014
Client Project ID: 41433.00 TASK 0200 KATONAH WELLS
York Project (SDG) No.: 14K0151

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 05, 2014 and listed below. The project was identified as your project: **41433.00 TASK 0200 KATONAH WELLS**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0151-01	KWF-MW1S (199-200')	Soil	11/04/2014	11/05/2014
14K0151-02	KWF-MW1S (184-185')	Soil	11/04/2014	11/05/2014
14K0151-03	KWF-MW1S (169-170')	Soil	11/04/2014	11/05/2014
14K0151-04	KWF-MW1S (157-158')	Soil	11/04/2014	11/05/2014
14K0151-05	KWF-FD-XX1	Soil	11/04/2014	11/05/2014

General Notes for York Project (SDG) No.: 14K0151

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/13/2014





YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRAITFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 1

York Project No. 14K0151

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This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type	
Company:	The Chazen Company	Company:	Chazen	Company:	Chazen	YOUR PROJECT ID	41433.00	RUSH - Same Day	☐	Summary Report	☒
Address:	21 Fox Street	Address:		Address:		TASK 0200	KATONAH WELLS	RUSH - Next Day	☐	Summary w/ QA Summary	
Phone No.	945-454-3980	Phone No.		Phone No.		Purchase Order No.	P 16496	RUSH - Two Day	☐	CT RCP Package	
Attention:	William Olsen	Attention:	William Olsen	Attention:	William Olsen			RUSH - Three Day	☐	CT RCP DQA/DUE Pkg	
E-Mail Address:	will@chazencorp.com	E-Mail Address:		E-Mail Address:				RUSH - Four Day	☐	NY ASP A Package	
										NY ASP B Package	☒
										NJDEP Red. Deliv.	
										Electronic Data Deliverables (EDD)	
										Simple Excel	☒
										NYSDEC EQulS	
										EQulS (std)	
										EZ-EDD (EQulS)	
										NJDEP SRP HazSite EDD	
										GIS/KEY (std)	
										Other	
										York Regulatory Comparison	
										Excel Spreadsheet	
										Compare to the following Regs. (please fill in)	

Sample Identification		Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below										Container Description(s)
KWF-MW15(199-200')		11-4-14 8:35	S	TCL VOCs - 8260										3x Encore; 1x 202
KWF-MW15(197-200')		" 8:45	GW											3x 40-1 VOA w/HCL
KWF-MW15(194-185')		" 9:35	S											3x Encore; 1x 202
KWF-MW15:GW(182-187')		" 9:45	GW											3x 40-1 VOA w/HCL
KWF-MW15:GW(167-172')		" 10:20	GW											" " " " "
KWF-MW15(169-170')		" 10:30	S											3x Encore; 1x 202
KWF-MW15(157-158')		" 11:15	S											" " " " "
KWF-MW15:GW(153-158')		" 11:30	GW											3x 40-1 VOA w/HCL
KWF-FD-XX1		" XX:XX	S											3x Encore; 1x 202
BLANK			DI											2x 40-1 VOA w/HCL

Preservation		Special Instructions		Temperature on Receipt	
Check those Applicable		Field Filled ☐	Lab to Filter ☐		5.1 °C
4°C ☒	Frozen ☒	HCl ☒	MeOH ☒	HNO ₃ ☒	NaOH ☒
		ZnAc ☒	Ascorbic Acid ☒	Other ☒	
Samples Relinquished By		Date/Time		Date/Time	
S. F. ... 11/5/14		11/5/14		11/5/14 1550	
Samples Relinquished By		Date/Time		Date/Time	

Report Date: 11/12/2014
Client Project ID: 41433.00 TASK 0200 KATONAH WELLS
York Project (SDG) No.: 14K0155

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 05, 2014 and listed below. The project was identified as your project: **41433.00 TASK 0200 KATONAH WELLS**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0155-01	KWF-MW1S:GW (197-200')	Water	11/04/2014	11/05/2014
14K0155-02	KWF-MW1S:GW (182-187')	Water	11/04/2014	11/05/2014
14K0155-03	KWF-MW1S:GW (167-172')	Water	11/04/2014	11/05/2014
14K0155-04	KWF-MW1S:GW (153-158')	Water	11/04/2014	11/05/2014
14K0155-05	TRIP BLANK	Water	11/04/2014	11/05/2014

General Notes for York Project (SDG) No.: 14K0155

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/12/2014



Field Chain-of-Custody Record

Page 1 of 1

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York Project No. 14K0155

YOUR Information Company: The Chazen Company Address: 21 Fox Street Phone No. 315-454-3980 Contact Person: William G. Olsen E-Mail Address: wolsen@chazencorporation.com		Report To: Company: Chazen Address: Phone No.: Attention: W. G. Olsen E-Mail Address:		Invoice To: Company: Chazen Address: Phone No.: Attention: W. G. Olsen E-Mail Address:		YOUR Project ID 41433.00 TASK 0200 KATONAH WELLS Purchase Order No. P 16496		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Report Type Summary Report ☒ Summary w/ QA Summary ☐ CT RCP Package ☐ CTRCP DQA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☒ NJDEP Red. Deliv. ☐ Electronic Data Deliverables (EDD) ☐ Simple Excel ☒ NYSDEC EQulS ☐ EQulS (std) ☐ EZ-EDD (EQulS) ☐ NJDEP SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other ☐ York Regulatory Comparison ☐ Excel Spreadsheet ☐ Compare to the following Regs. (please fill in):			
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8260 full 624 STARS list Site Spec. Nassau Co. BTEX Suffolk Co. MTBE Ketones Oxygenates TAGM list TCLP list CT RCP list 324.2 Arom. only 302.2 Halog only NJDEP list SLP or TCLP App. IX list 8021B list		Semi-Vols. 8270 or 625 STARS list BN Only Acids Only PAH list App. IX Site Spec. SLP or TCLP TCLP list NJDEP list App. IX TCLP BNA SLP or TCLP 608 PCB		Metals RCRA8 TPH13 list TAL CT15 list TAGM list NJDEP list Total Dissolved SLP or TCLP TCLP Herb Chlordane 608 Pest LIST Below		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Full Lists Pri. Poll. TCL Organics TAL MetCN Full TCLP Full App. IX Part 360-Baseine Part 360-Baseine Part 360-Baseine NY/DEP-Sever NY/DEP-Sever TAGM Silica		Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos	

Choose Analyses Needed from the Menu Above and Enter Below				Container Description(s)
SWF-MW15 (199-200')	11-4-14 8:35	S	TCL VOCs - 8260	3x Encore; 1x 202
SWF-MW15 (197-200')	" 8:45	GW		3x 40ml VOA w/HCL
SWF-MW15 (194-185')	" 9:35	S		3x Encore; 1x 202
SWF-MW15: GW (182-187')	" 9:45	GW		3x 40ml VOA w/HCL
SWF-MW15: GW (167-172')	" 10:20	GW		" " " "
SWF-MW15 (169-170')	" 10:30	S		3x Encore; 1x 202
SWF-MW15 (157-158')	" 11:15	S		" " " "
SWF-MW15: GW (153-158')	" 11:30	GW		3x 40ml VOA w/HCL
SWF-FD-XX1	" XX:XX	S		3x Encore; 1x 202
TRIP BLANK		DI		2x 40ml VOA w/HCL
Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐				Temperature on Receipt 5.1 °C
Samples Relinquished By: S. F. F. 4/10 11/5/14 Date/Time: 11/5/14 15:50 Samples Relinquished By: Chazen 11-5-14 9:10 Date/Time: 11/5/14 15:50				Date/Time: 11/5/14 15:50

Report Date: 11/14/2014
Client Project ID: 41433.00/TASK 0200
York Project (SDG) No.: 14K0246

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 06, 2014 and listed below. The project was identified as your project: **41433.00/TASK 0200**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0246-01	KWF-MW11R (199-200')	Soil	11/05/2014	11/06/2014
14K0246-02	KWF-MW11R (184-185')	Soil	11/05/2014	11/06/2014
14K0246-03	KWF-MW11R (169-170')	Soil	11/05/2014	11/06/2014
14K0246-04	KWF-MW11R (155-156')	Soil	11/05/2014	11/06/2014

General Notes for York Project (SDG) No.: 14K0246

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/14/2014



CHAIN OF CUSTODY RECORD CHAZEN ENVIRONMENTAL SERVICES, INC.

14K0246

Dutchess County Office:
21 Fox Street
Poughkeepsie, New York 12601
Phone: 845-454-3980
Fax: 845-454-4026

Capital District Office:
547 River Street
Troy, New York 12180
Phone: 518-273-0055
Fax: 518-273-8391

North County Office:
100 Glen Street
Glens Falls, New York 12801
Phone: 518-812-0513
Fax: 518-812-2205

Attention: Will Oke
Project Name: KATONAH WELLS
Location: Katondh, NY
Project Number: 41433.00 / TASK 0200
Project Manager: KM

P.O. # P 16496

Laboratory: YORK
Turn Around Time: Normal
Level: ASP B / So. 1
CT RCP Required?: Y/N ONLY

SAMPLE ID	DATE	TIME	Composit	Grab Sample	Matrix	Total # of Containers	Size	40 mL Vial	Liter	500 mL	250 mL	125 mL	8 oz. Soil	4 oz. Soil	2 oz. Soil	Other	ANALYSIS REQUESTED
							Type	Pres.									
KWLF-MW11R (199-200)	11-5-14	9:45			S												
KWLF-MW11R:GW (196-200)	"	9:20			GW			3							1	3	TCL VOCs - 8260
KWLF-MW11R (181-185)	"	10:20			S										1	3	
KWLF-MW11R:GW (181-186)	"	10:30			GW			3									
KWLF-MW11R (169-170)	"	11:05			S										1	3	
KWLF-MW11R:GW (166-171)	"	11:15			GW			3									
KWLF-MW11R (155-156)	"	12:10			S										1	3	
KWLF-MW11R:GW (153-154)	"	12:20			GW			3									
TRIP BLANK	-	-															

Please Identify Matrix: GW • Groundwater SW • Surface Water DW • Drinking Water SS • Soil Sample SD • Sediment Sample PS • Process Sample Other (Please Specify)
Container Type: CG = Clear Glass - AG = Amber Glass PL = Plastic

Sampled By: Will Oke Date: 11-5-14 Time: 1101 Company: YORK
Relinquished By: Will Oke Date: 11-6-14 Time: 1100 Company: YORK
Received By: Chaz Chazen Date: 11-6-14 Time: 1540 Company: YORK
Received By: TC Gabrielsen Date: 11/6/14 Time: 5.1°C Company: YORK

PLEASE NOTE: White Top Sheet - Report Copy (Please return along with completed Lab Results)

Report Date: 11/13/2014
Client Project ID: 41433.00/TASK 0200
York Project (SDG) No.: 14K0247

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 06, 2014 and listed below. The project was identified as your project: **41433.00/TASK 0200**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0247-01	KWF-MW11R (196-200')	Water	11/05/2014	11/06/2014
14K0247-02	KWF-MW11R (181-186')	Water	11/05/2014	11/06/2014
14K0247-03	KWF-MW11R (166-171')	Water	11/05/2014	11/06/2014
14K0247-04	KWF-MW11R (153-158')	Water	11/05/2014	11/06/2014
14K0247-05	TRIP BLANK	Water	11/05/2014	11/06/2014

General Notes for York Project (SDG) No.: 14K0247

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/13/2014



14K0247

Capital District Office:
547 River Street
Troy, New York 12180
Phone: 518-273-0055
Fax: 518-273-8391

North County Office:
100 Glen Street
Glens Falls, New York 128
Phone: 518-812-0513
Fax: 518-812-2205

25/01/2020

P.O.# P 16496

Laboratory:-

Turn Around Time: Abund

Level: ASP B / 50.1
samples
 Y/N ONLY
 Y/N ONLY

Level: 45P 15/20:1 20:1 20:1

CT RCP Required?:

[illegible]

Water	DW • Drinking Water	SS • Soil Sample	SD • Sediment Sample	SL • Sudge	PS • Process Sample	Other (Please Specify)
Container Type: CG = Clear Glass - AG = Amber Glass PL = Plastic						

Will Shan Date: 11-5-14

Please Print Wate Date: 11-6-14 Time: 101

Please Print W. H. H. H. Date: 11-6-14 Time: 11:00 Company: York

Please Print
11/10/14
1540
York
Company: York 5.1°C

PLEASE NOTE: Pink Sheet - Chazen Copy

Yellow Sheet - Laboratory File Copy

White Top Sheet - Report Copy (Please return along with completed Lab Results)

Report Date: 12/15/2014
Client Project ID: 41433.00 Task 02PS Bedford-Katonah Well
York Project (SDG) No.: 14L0250

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Will Olsen

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 05, 2014 and listed below. The project was identified as your project: **41433.00 Task 02PS Bedford-Katonah Well**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14L0250-01	KWF-MW2S	Water	12/04/2014	12/05/2014
14L0250-02	KWF-MW4R	Water	12/04/2014	12/05/2014
14L0250-03	KWF-MW1S	Water	12/04/2014	12/05/2014
14L0250-04	KWF-MW11R	Water	12/04/2014	12/05/2014
14L0250-05	KWF-PW	Water	12/04/2014	12/05/2014
14L0250-06	KWF-EB	Water	12/04/2014	12/05/2014
14L0250-07	KWF-FD	Water	12/04/2014	12/05/2014
14L0250-08	Trip Blank	Water	12/04/2014	12/05/2014

General Notes for York Project (SDG) No.: 14L0250

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/15/2014





YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

YORK
ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

Page 1 of 1

York Project No. 141222

YOUR Information Company: <u>The Chaz Company</u> Address: <u>21 Fox Street</u> Phone No. <u>845-454-3980</u> Contact Person: <u>William G. Olsen</u> E-Mail Address: <u>wolsen@chazcompany.com</u>		Report To: Company: <u>Chaz</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Chaz</u> Address: _____ Phone No. _____ Attention: <u>ACCT PAYABLE</u> E-Mail Address: _____		YOUR Project ID <u>41433.00</u> <u>TASK 02PS</u> <u>Bedford-Ketan-Vella</u> Purchase Order No. <u>P16619</u>		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard(5-7 Days) ☒		Report Type Summary Report _____ Summary w/ QA Summary _____ CT RCP Package _____ CTRCP DQA/DUE Pkg _____ NY ASP A Package _____ NY ASP B Package _____ NJDEP Red. Deliv. _____ Electronic Data Deliverables (EDD) Simple Excel ☒ NYSEDEC EQuIS ☒ EQuIS (std) _____ EZ-EDD (EQuIS) _____ NJDEP SRP HazSite EDD _____ GIS/KEY (std) _____ Other _____ York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in): _____	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

William G. Olsen
 Samples Collected/Authorized By (Signature)
William G. Olsen
 Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
KWF-MW2S	12-4-14 10:10	GW	TCL VOC - 8260	3x 40ml VOA w/HC
KWF-MW4R	11:33			
KWF-MW1S	13:12			
KWF-MW11R	13:58			
KWF-PW	14:25			
KWF-EB	14:05	D.I.		
KWF-FD	XX:XX	GW		
TRIP BLANK		D.I.		2x 40ml VOA w/HC

Comments	4°C ☒ Frozen	HCl ☒ MeOH	HNO ₃	H ₂ SO ₄	NaOH	Temperature on Receipt 41 °C
	ZnAc	Ascorbic Acid	Other			
	Samples Relinquished By <u>L. Martin</u> Date/Time <u>12/05/14 12:05</u> Samples Relinquished By <u>Chaz</u> Date/Time <u>12-5-14</u> Samples Relinquished By <u>Chaz</u> Date/Time <u>12/5/15 15/15</u>					
	Samples Relinquished By _____ Date/Time _____ Samples Relinquished By _____ Date/Time _____					