McCALLUM
TESTING LABORATORIES, INC.
Geotechnical Engineering, Materials Testing & Environmental Services

August 8, 2014

Sunnyside Enterprises, Inc.
605 Cressfield Drive
West Point, Va. 23181

Attention: Sam Elattar

Subject: CAP Implementation Report, Subphase 22
Former Snow Hill Zooms, DEQ PC #97-4045
5527 Lewis B. Puller Memorial Highway
Mattaponi, Virginia
MTL Project # 97-2073 / 06-8791

Dear Mr. Elattar:

McCallum Testing Laboratories, Inc. is pleased to present this CAP Implementation Report for the subject property, performed in general conformance with the Department of Environmental Quality (DEQ) Petroleum Program Manual.

The CAP endpoints appear to have been met, as the most recent soil levels are below 3000 mg/kg (June 2012) and the nearby water supply wells have no contamination. Although a few ounces of product were detected in RW-1 in July, the requirement of the CAP was satisfied because a full six months passed with no free product detected in well RW-1. Therefore, case closure is requested.

Should you have any questions regarding this report, please contact our office at your convenience.

Sincerely,

McCALLUM TESTING LABORATORIES, INC.

Charlotte M. Ebbert, P.G.
Project Geologist

Copy: Dale Berryman – DEQ

McCALLUM
TESTING LABORATORIES, INC.
Geotechnical Engineering, Materials Testing & Environmental Services

CAP IMPLEMENTATION REPORT
FORMER SNOW HILL ZOOMS
5527 LEWIS B. PULLER MEMORIAL HIGHWAY
SNOW HILL, VIRGINIA
DEQ PC# 97-4045
MTL Project #97-2073 \ 06-8791

Submitted To:

Dale Berryman
Virginia Department of Environmental Quality
Piedmont Regional Office
P.O. Box 6030
4949 Cox Road #A
Glen Allen, Virginia 23060-6296

Prepared for:

Sunnyside Enterprises, Inc.
605 Cressfield Drive
West Point, Va. 23181

Prepared by:

McCALLUM TESTING LABORATORIES, INC.
1808 Hayward Avenue
Chesapeake, VA 23320

SIGNATURE/CERTIFICATION SHEET

I certify that I have prepared or supervised preparation of the attached report, that it has been prepared in accordance with industry standards and practices, and that the information contained herein is truthful and accurate to the best of my knowledge.

Prepared by:

Charlotte M. Ebbert, P.G.
Project Geologist

McCallum Testing Laboratories, Inc.
1808 Hayward Avenue
Chesapeake, Virginia 23320

Tank Owner:
Sunnyside Enterprises, Inc.
605 Cressfield Drive
West Point, Va. 23181

CAP IMPLEMENTATION REPORT
FORMER SNOW HILL ZOOMS
5527 LEWIS B. PULLER MEMORIAL HIGHWAY
SNOW HILL, VIRGINIA
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Section 1.0 PROJECT HISTORY

Petroleum contamination, primarily gasoline range hydrocarbons, was identified during removal of four underground storage tanks (USTs) in August of 1996 at the former Snow Hill Zooms located at 5527 Lewis B. Puller Memorial Highway in Mattaponi, Virginia. Figure 1 (attached) shows the location of the site.

Soils having TPH concentrations reflecting petroleum hydrocarbon saturation were encountered; however, no free product was observed in the tank pit. Nine monitoring wells were installed for an SCR and two SCR Addendums. Well MW-8 was later abandoned because it was damaged. Two residential water supply wells, located approximately 150 feet southeast and 300-400 feet south of the site, were impacted by dissolved phase contamination and were replaced. A third residential well, owned by Ms. Octavia Williams, was tested and found to be impacted in 2011. However, it was retested in 2013, and no contamination was detected.

It was determined that the petroleum saturated soil beneath the site was a continuous source of the free product and dissolved phase contamination. To enhance free product recovery, a four-inch recovery well (RW-1) was installed in the former tank field. The monitoring well locations are shown on the attached Site Drawing (Figure 2). A Corrective Action Plan (CAP) was implemented, which was conducted in two phases. The first phase addressed groundwater monitoring and the recovery of free product, and the second phase addressed the petroleum saturated soils, which were treated in-situ in March of 2012 with AgroRemed, a bioremediation product. Only two areas exceeded the 3000 mg/kg TPH CAP endpoint prior to treatment. Those areas were resampled in June after the March treatment, and no measurable TPH was detected. Therefore the soil CAP endpoint appears to have been met. Some free product was detected in two of the wells after the treatment; therefore, monitoring of the wells for the presence of free product and product recovery continues.

Section 2.0 GROUNDWATER MONITORING

The groundwater monitoring data from this month is presented in the table below.

Groundwater Data from July 30, 2014				
Well	**Depth to Water (ft.)**	**Free Product Thickness (in.)**	**Depth to Water (ft) later same day**	**Free Product Thickness (in) Later same day**
MW-1	14.21	0	----	----
MW-2	18.60	0**	----	----
MW-3	17.29	0	----	----
MW-4	17.94	0	----	----
MW-5	16.41	0	----	----
MW-6	17.83	0	----	----
MW-7	18.00	0	----	----
MW-9	12.84	0	----	----
RW-1	17.29	1.8*	17.15	0**
**** Little to no product on sorbent. Left in well** *** Replaced** **---- Not Measured**				

The groundwater monitoring data from previous quarters is shown on the following table.

Groundwater Data from Previous Quarters				
Well	**3-11-14**		**4-22-14**	
	Depth to Water (ft.)	**Free Product Thickness (in.)**	**Depth to Water (ft.)**	**Free Product Thickness (in.)**
MW-1	14.90	0	12.20	0
MW-2	19.41	0**	18.64	0**
MW-3	17.90	0	17.15	0
MW-4	18.75	0	17.89	0
MW-5	16.98	0	15.92	0
MW-6	18.55	0	17.71	0
MW-7	18.72	0	17.91	0
MW-9	13.57	0	13.07	0
RW-1	17.74	0**	16.96	0**
**** Little to no product on sorbent. Left in well**				
Continued on next page				

Groundwater Data from Previous Quarters						
Well	12-12-13		1-27-14		2-19-14	
	Depth to Water (ft.)	Free Product Thickness (in.)	Depth to Water (ft.)	Free Product Thickness (in.)	Depth to Water (ft.)	Free Product Thickness (in.)
MW-1	18.12	0	15.33	0	15.00	0
MW-2	21.15	0**	20.22	0**	19.52	0**
MW-3	19.17	0	18.30	0	18.00	0
MW-4	20.09	0	19.11	0	18.85	0
MW-5	18.16	0	17.35	0	17.07	0
MW-6	19.91	0	18.96	0	18.61	0
MW-7	19.92	0	19.12	0	18.92	0
MW-9	14.24	0	13.88	0	13.73	0
RW-1	18.97	0**	18.06	0**	17.84	0**

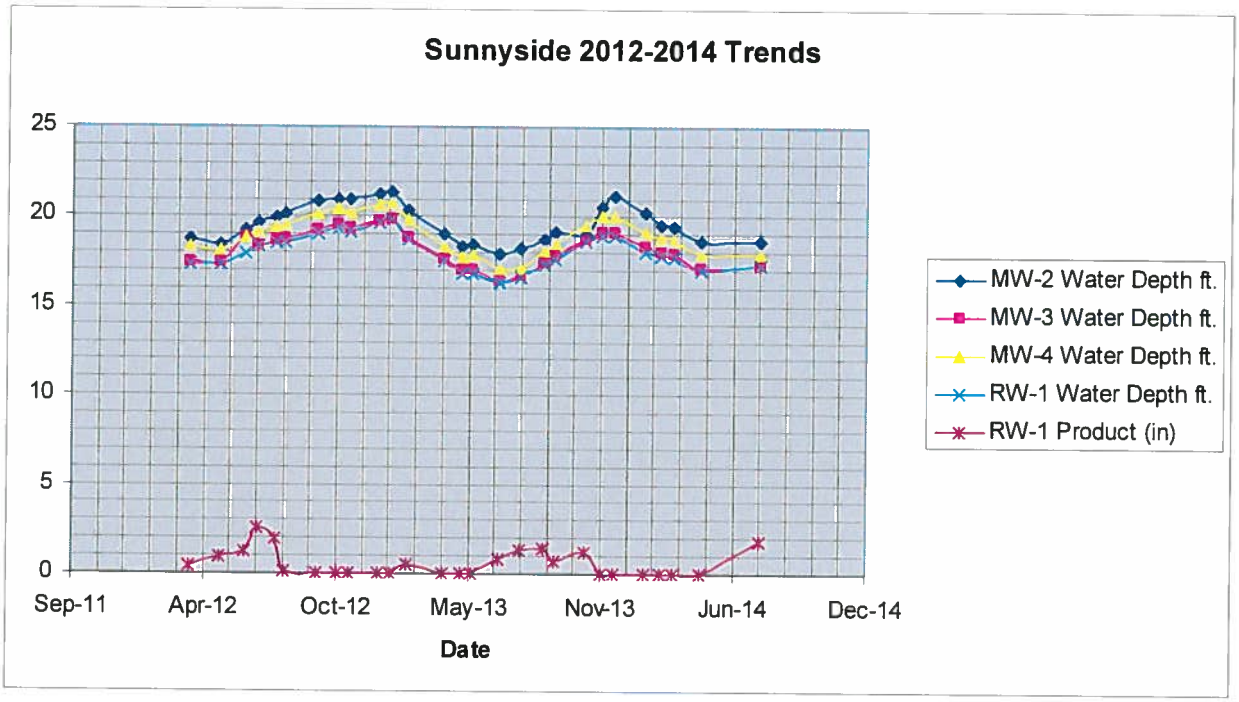
+ Sorbent removed
*** Clean sorbent placed in well**
**** Little to no product on sorbent. Left in well**

Groundwater Data from Previous Quarters - continued								
Well	10-29-13		11-21-13					
	Depth to Water (ft.)	Free Product Thickness (in.)	Depth to Water (ft.)	Free Product Thickness (in.)				
MW-1	15.65	0	16.08	0				
MW-2	20.17	0**	20.54	0**				
MW-3	18.72	0	19.13	0				
MW-4	19.57	0	20.0	0				
MW-5	17.81	0	18.18	0				
MW-6	19.39	0	19.85	0				
MW-7	19.24	0	19.66	0				
MW-9	14.53	0	15.07	0				
RW-1	18.61	1.2+*	18.92	0**				
Well	6-21-13		7-22-13		8-26-13		9-11-13	
	Depth to Water (ft.)	Free Product (in.)	Depth to Water (ft.)	Free Product (in.)	Depth to Water (ft.)	Free Product (in.)	Depth to Water (ft.)	Free Product (in.)
MW-1	13.32	0	13.36	0	14.15	0	14.57	0
MW-2	17.96	0**	18.25	0**	18.70	0**	19.15	0**
MW-3	16.41	0	16.65	0	17.36	0	17.79	0
MW-4	17.07	0	17.13	0	18.08	0	18.52	0
MW-5	14.82	0	14.61	0	16.47	0	16.87	0
MW-6	16.89	0	17.03	0	17.94	0	18.38	0
MW-7	17.27	0	17.42	0	18.02	0	18.27	0
MW-9	12.18	0	12.27	0	13.00	0	13.42	0
RW-1	16.30	0.84+*	16.56	1.32+*	17.28	1.44+*	17.65	0.72+*

+ Sorbent removed
*** Clean sorbent placed in well**
**** Little to no product on sorbent. Left in well.**

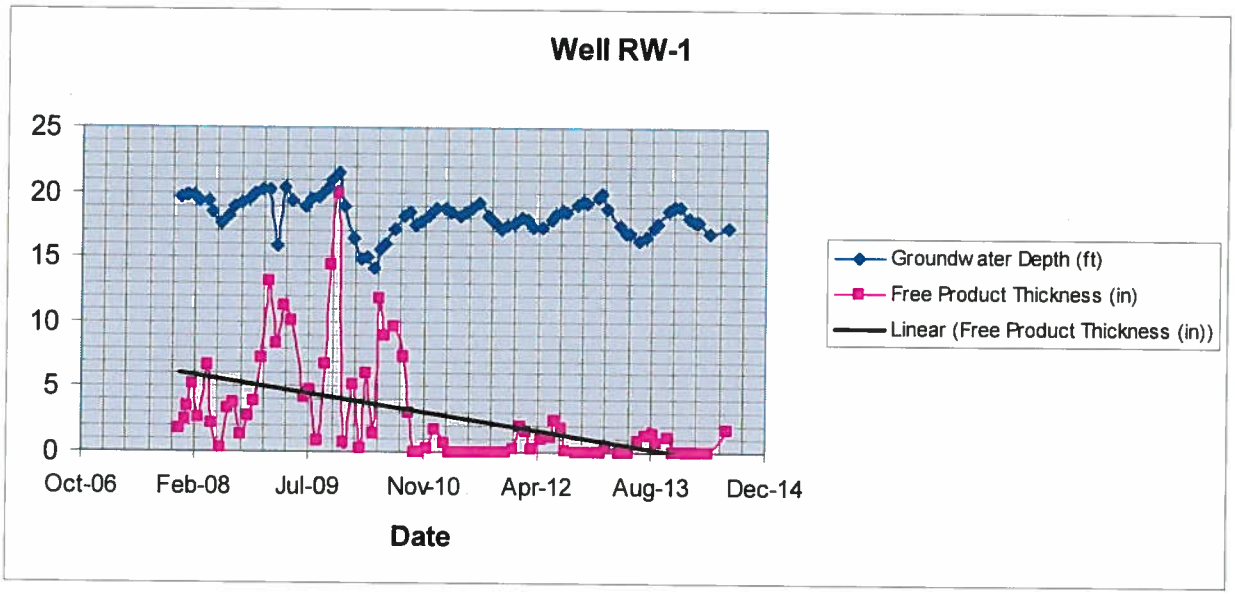
When the soil treatment was performed in March of 2012, there was an increase in free product in well RW-1 and MW-2. No free product has been detected in MW-2 since August of 2012. No product was detected during this quarter.

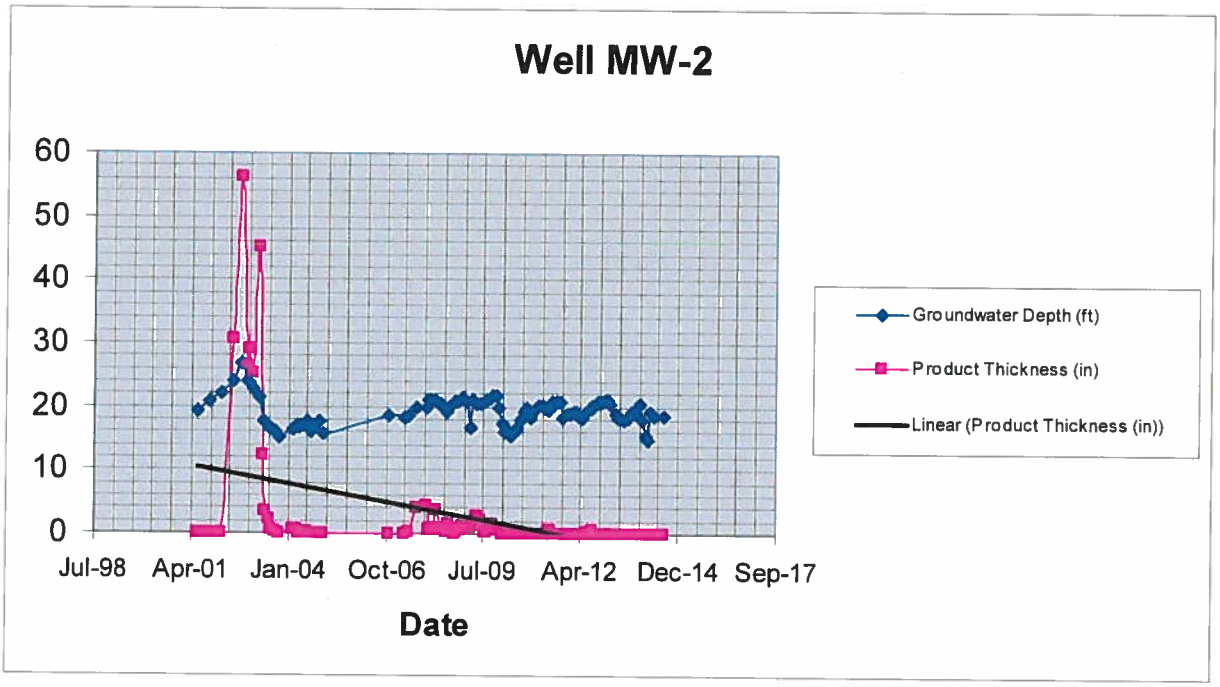
Groundwater depths since AgroRemed soil treatment in March of 2012 are shown below for wells RW-1, MW-2, MW-3, and MW-4, along with the free product thickness trend in RW-1.



The thickest free product in well RW-1 seems to appear in the annual cycles just after the water table most shallow. This suggests that there is a small amount of mobile (but not migrating) free product trapped in lower portion of the vadose zone in the former tank field, which seeps into well RW-1 when the water table is high.

Trendlines for the free product thickness in RW-1 and MW-2 were generated by Excel based on the data as shown below.





The trend lines indicate the free product thicknesses in both wells are essentially zero. The majority of recoverable free product appears to have already been removed.

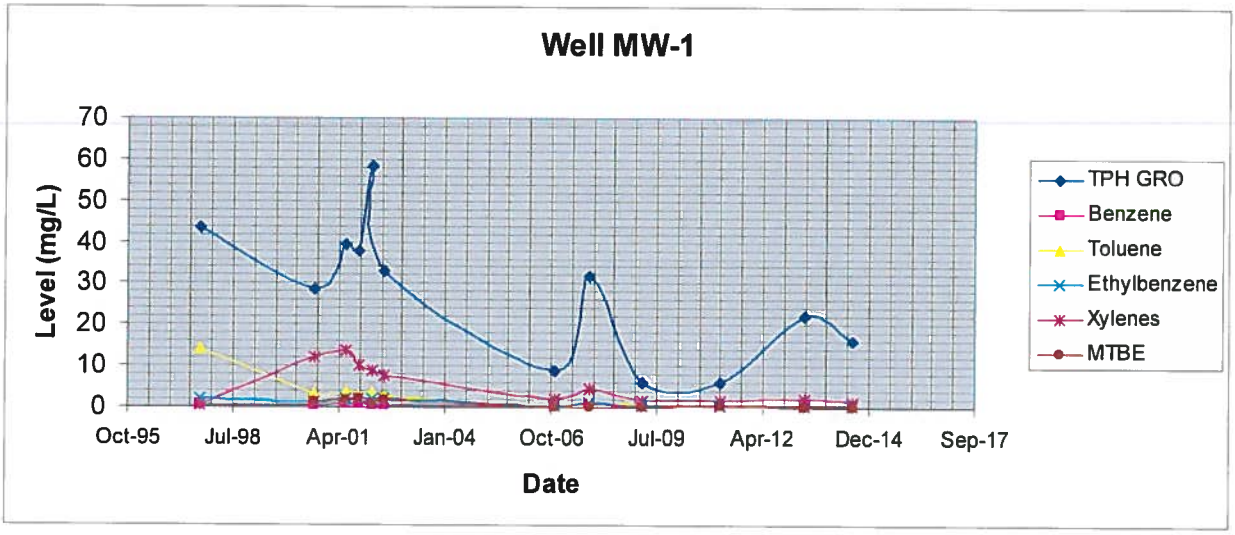
Section 3.0 GROUNDWATER ANALYSIS

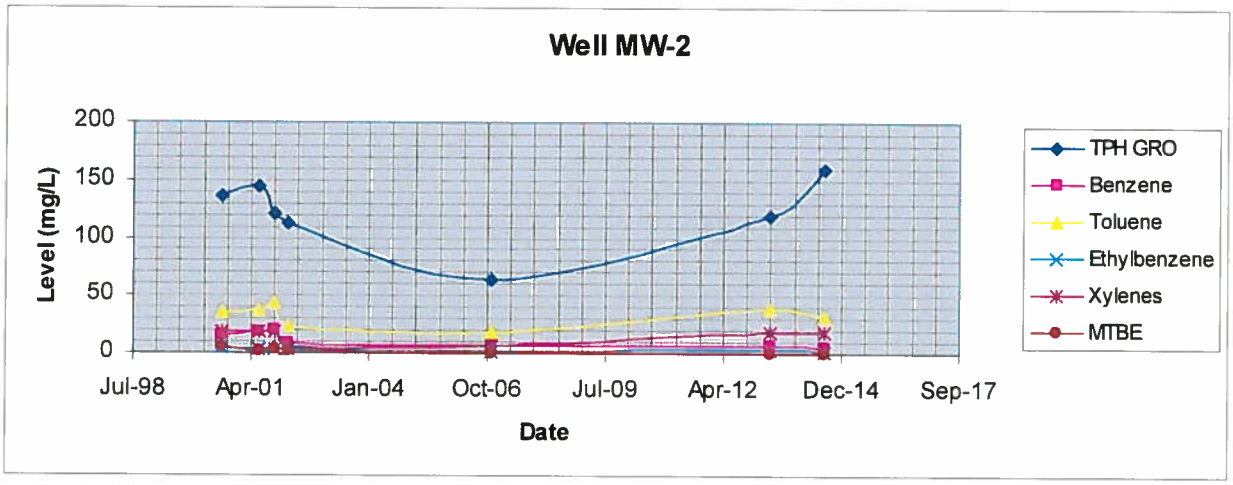
On July 30, 2014, the on-site monitoring wells (MW-1 through MW-9) and nearby water supply wells were sampled at the request of DEQ. The monitoring wells were purged of at least three well volumes of water before sampling to help ensure that the water sample was representative of the formation water. Groundwater samples were collected and placed in clean laboratory containers with no headspace allowed beneath the Teflon-lined lids, labeled, and placed in an iced cooler for transportation to the laboratory. A chain of custody form accompanied the samples from the time of collection to the time of analysis.

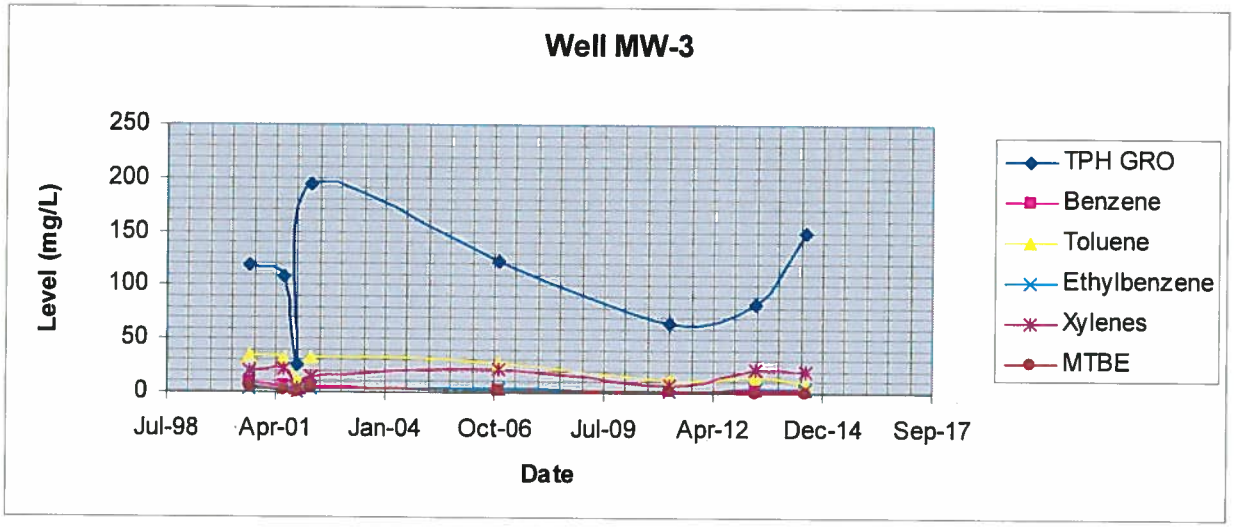
Groundwater samples from the monitoring wells were submitted for laboratory analysis for GRO Total Petroleum Hydrocarbons (TPH); Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX); and Methyl Tert-Butyl Ether (MTBE). The laboratory analyses results are shown on the following table.

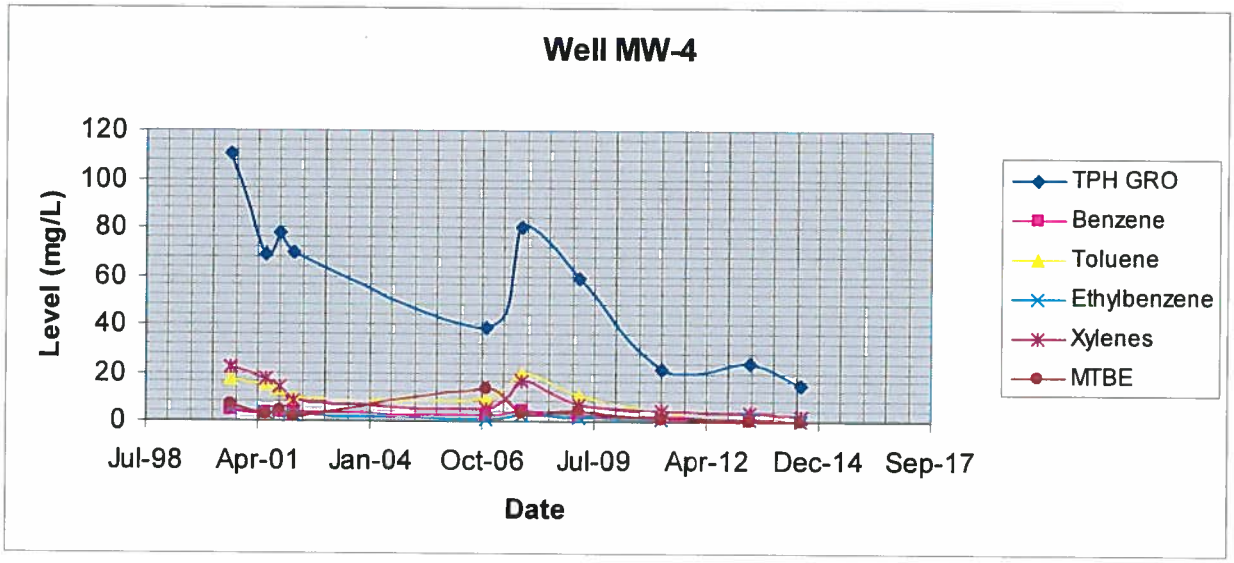
On-Site Groundwater Monitoring Well Laboratory Results July 30, 2014 Samples (mg/L)						
Monitoring Well	**TPH-GRO**	**Benzene**	**Toluene**	**E-Benzene**	**Xylenes**	**MTBE**
MW-1	16	0.013	0.051	0.34	1.2	ND
MW-2	160	5.1	32	2.5	19	ND
MW-3	150	1.0	9.0	3.9	20	0.11
MW-4	15	0.40	0.10	0.32	1.6	0.022
MW-5	ND	ND	ND	ND	ND	ND
MW-6	3.2	0.027	0.22	0.14	0.67	ND
MW-7	3.9	0.029	0.023	0.22	0.83	ND
MW-9	1.9	0.17	ND	0.15	0.14	ND
RW-1	140	7.2	21	2.3	18	0.98
mg/L- Equivalent to parts per million (ppm) **ND – No Detection**						

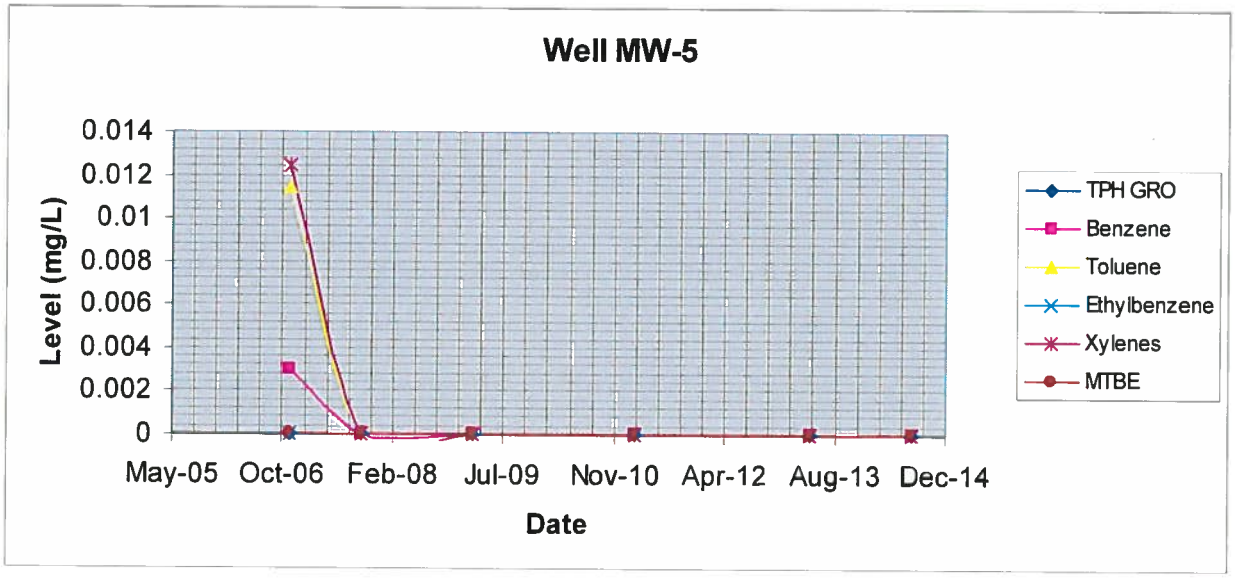
Graphs of groundwater contamination levels in the wells over time are shown for wells MW-1 through MW-9 below.

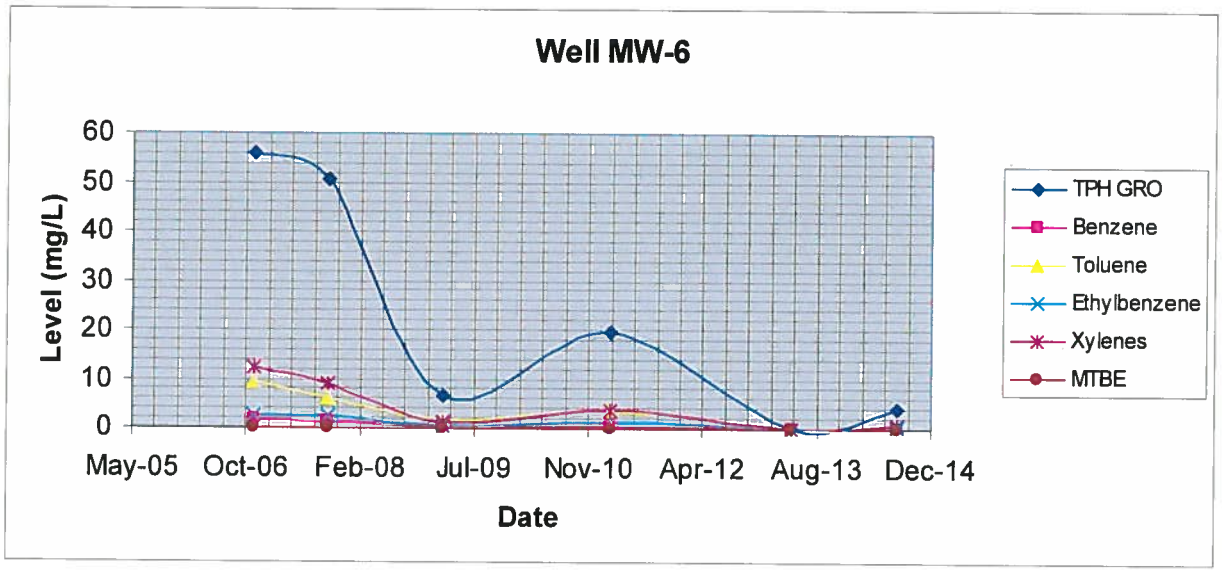


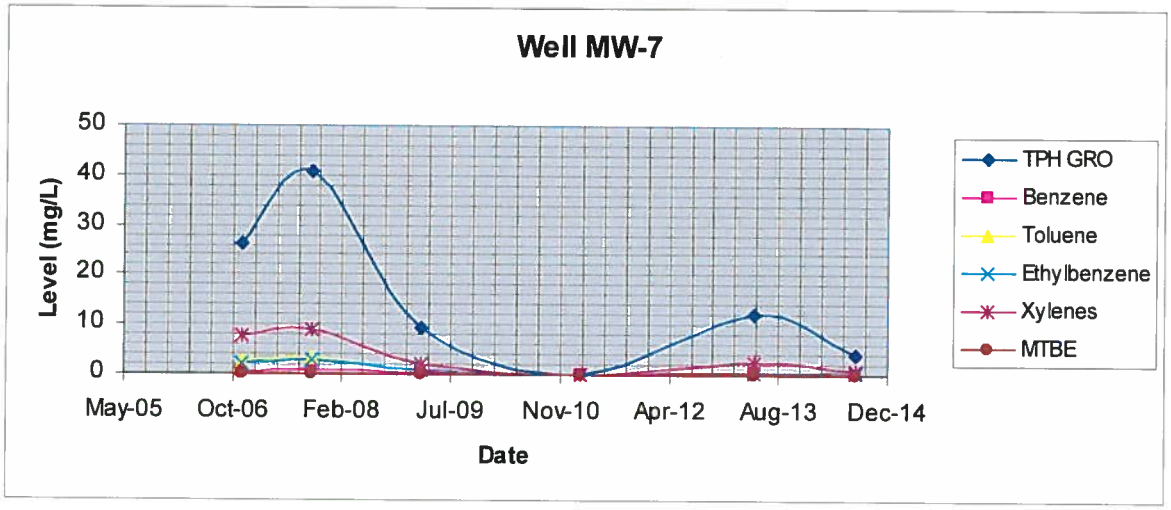


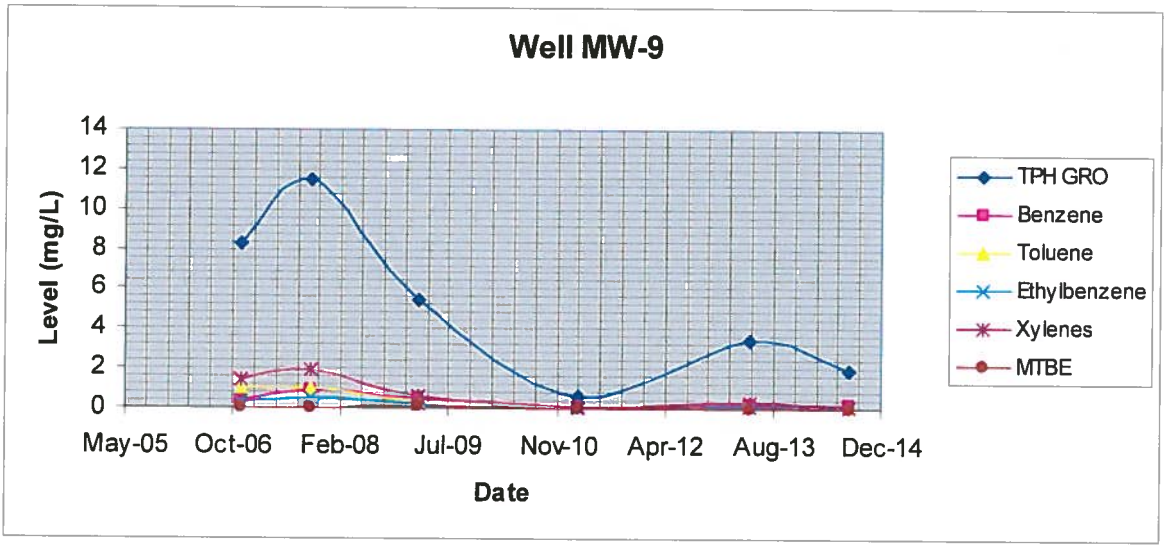

Well MW-3
Level (mg/L)
250
200
150
100
50
0
Jul-98
Apr-01
Jan-04
Oct-06
Jul-09
Apr-12
Dec-14
Sep-17
Date
TPH GRO
Benzene
Toluene
Ethylbenzene
Xylenes
MTBE


Well MW-4
Level (mg/L)
120
100
80
60
40
20
0
Jul-98
Apr-01
Jan-04
Oct-06
Jul-09
Apr-12
Dec-14
Sep-17
Date
TPH GRO
Benzene
Toluene
Ethylbenzene
Xylenes
MTBE


Well MW-5
Level (mg/L)
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
Date
TPH GRO
Benzene
Toluene
Ethylbenzene
Xylenes
MTBE


Well MW-6
Level (mg/L)
60
50
40
30
20
10
0
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
Date
TPH GRO
Benzene
Toluene
Ethylbenzene
Xylenes
MTBE


Well MW-7
Level (mg/L)
50
40
30
20
10
0
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
Date
TPH GRO
Benzene
Toluene
Ethylbenzene
Xylenes
MTBE


Well MW-9
Level (mg/L)
14
12
10
8
6
4
2
0
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
Date
TPH GRO
Benzene
Toluene
Ethylbenzene
Xylenes
MTBE

The dissolved phase levels are lower than initially detected, except for well MW-2. In that well, although the MBTEX is lower, the TPH is higher. This is most likely just an outlier caused by seasonal fluctuation. Several wells show fluctuation in the dissolved phase levels.

The water supply wells of the nearby residents were also sampled. The water supply wells were sampled from outside spigots which were allowed to run prior to sampling to ensure that water sample was representative of the formation water. The water supply well locations are shown on Figure 3. The results are shown on the following tables.

Water Supply Well Lab Results of July 30, 2014 Samples			
Water Supply Well	**Property Address**	**Listed Property Owner or Occupant**	**Lab Results**
W-1	5527 Lewis Puller Mem. Hwy	Sunnyside Enterprises	ND
W-2	171 York River Road	Viola Cowles	ND
W-3	187 York River Road	Alice Custalow	ND
W-4	176 York River Road	Lawrence Kelley	ND
W-5	198 York River Road	Josephine Morris	ND
W-6	Apple Lane	King Residence	ND
W-7	154 York River Road	Octavia Williams	ND
ND – No detections			

The laboratory Certificate of Analysis and Chain of Custody Form are attached.

Section 4.0 CONCLUSIONS

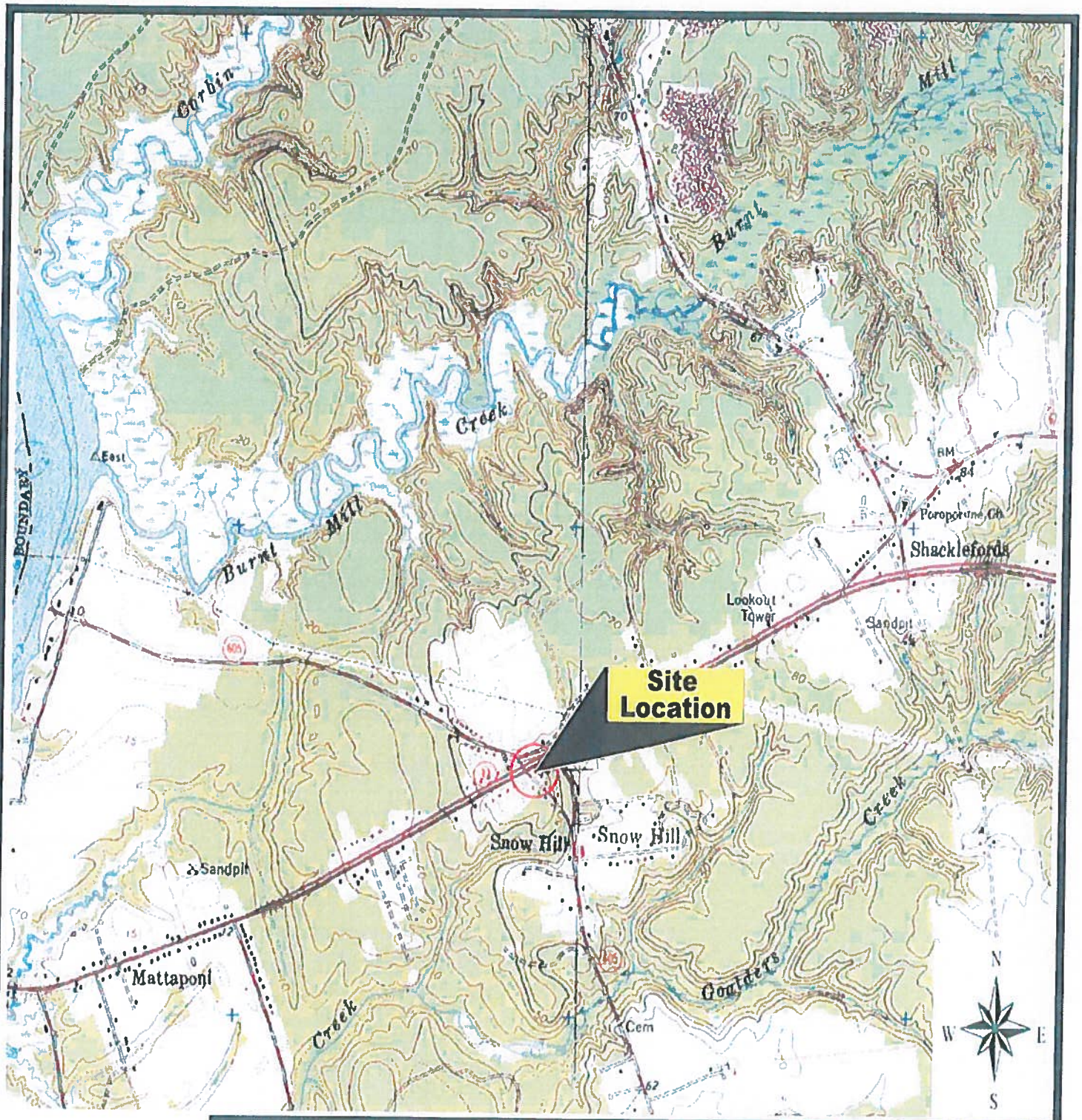
The CAP endpoints appear to have been met, as the most recent soil levels are below 3000 mg/kg (June 2012) and the nearby water supply wells have no detected contamination.

A small amount of free product was detected in well RW-1 in July, and the few ounces of product were immediately absorbed into a sorbent. There appears to be a small amount of mobile (but not migrating) free product trapped in lower portion of the vadose zone in the former tank field, which seeps into well RW-1 when the water table is high. However, the trend line still indicates the product is essentially gone, even with July's data.

The requirement of the CAP was satisfied because a full six months passed with no free product detected in well RW-1. Therefore, case closure is requested.

Section 5.0 LIMITATIONS

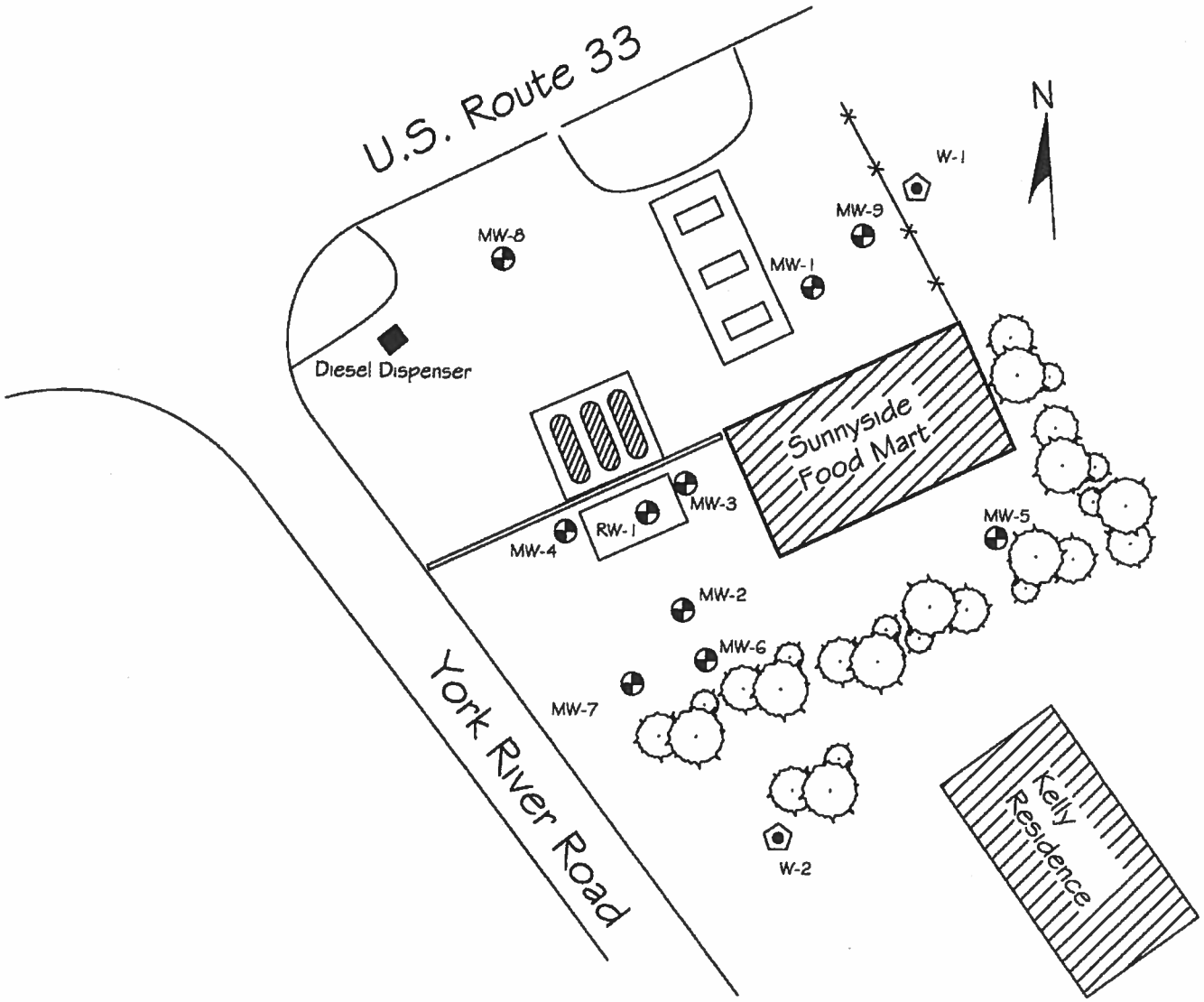
It is important to note that the wells examined in this investigation are considered as isolated data points which may not be representative of subsurface conditions across the entire site. Therefore, the conclusions of this investigation may not be completely indicative of all subsurface conditions. The conclusions are based on the scope of work described herein and the best available data at this time. No other warranty is expressed or implied. This report does not warrant against future operations or present conditions not discovered by this investigation.



McCALLUM TESTING LABORATORIES, INC.

1808 Hayward Avenue
Chesapeake, Virginia 23320

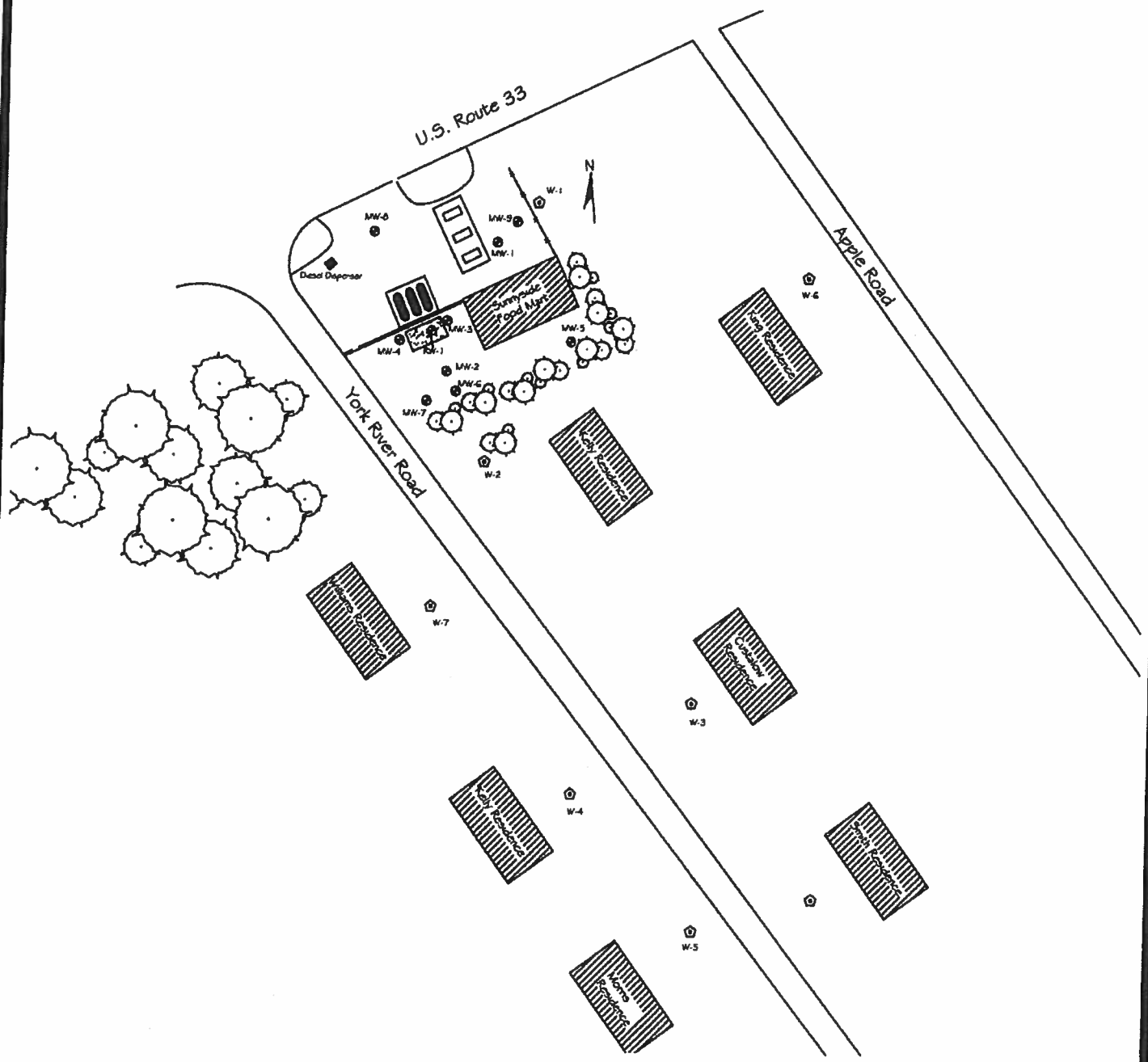
Scale:	1:24,000	Approved By:	Richard J. Seage, P.G.	Date:	11/07
Project:	Former Snow Hill Zooms 5527 Lewis B. Puller Memorial Highway Mattaponi, Virginia				
Drawing Title:	Site Location Map			Drawing Number:	Figure 1



McCALLUM TESTING LABORATORIES, INC.

1808 Hayward Avenue
Chesapeake, Virginia 23320

Scale:	1" ≈ 65'	Approved By:	Richard J. Seage, P.G.	Date:	11/07
Project:	Former Snow Hill Zooms 5527 Lewis B. Puller Memorial Highway Mattaponi, Virginia				
Drawing Title:	Site Drawing			Drawing Number:	Figure 2



McCALLUM TESTING LABORATORIES, INC.

1808 Hayward Avenue
Chesapeake, Virginia 23320

Scale:	---	Approved By:	Richard J. Seage, P.G.	Date:	11/07
Project:	Former Snow Hill Zooms 5527 Lewis B. Puller Memorial Highway Mattaponi, Virginia				
Drawing Title:	Water Well Location Map			Drawing Number:	Figure 3

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

TestAmerica Job ID: 400-94071-1
Client Project/Site: Sunny Side /Former Snow Hill Zone

For:
McCallum Testing Laboratories, Inc
1808 Hayward Ave
Chesapeake, Virginia 23320

Attn: Charlotte Ebbert

Mark Swafford

Authorized for release by:
8/7/2014 4:36:22 PM

Mark Swafford, Project Manager I
(850)474-1001
mark.swafford@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-1 — Lab Sample ID: 400-94071-1

No Detections.

Client Sample ID: W-2 — Lab Sample ID: 400-94071-2

No Detections.

Client Sample ID: W-3 — Lab Sample ID: 400-94071-3

No Detections.

Client Sample ID: W-4 — Lab Sample ID: 400-94071-4

No Detections.

Client Sample ID: W-5 — Lab Sample ID: 400-94071-5

No Detections.

Client Sample ID: W-6 — Lab Sample ID: 400-94071-6

No Detections.

Client Sample ID: W-7 — Lab Sample ID: 400-94071-7

No Detections.

Client Sample ID: MW-1 — Lab Sample ID: 400-94071-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	13		5.0		ug/L	5		8021B/8015C	Total/NA
Toluene	51		25		ug/L	5		8021B/8015C	Total/NA
Ethylbenzene	340		5.0		ug/L	5		8021B/8015C	Total/NA
Xylenes, Total	1200		25		ug/L	5		8021B/8015C	Total/NA
Gasoline Range Organics (GRO) -C6-C10	16000		500		ug/L	5		8021B/8015C	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 400-94071-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	5100		1000		ug/L	1000		8021B/8015C	Total/NA
Toluene	32000		5000		ug/L	1000		8021B/8015C	Total/NA
Ethylbenzene	2500		1000		ug/L	1000		8021B/8015C	Total/NA
Xylenes, Total	19000		5000		ug/L	1000		8021B/8015C	Total/NA
Gasoline Range Organics (GRO) -C6-C10	160000		25000		ug/L	250		8021B/8015C	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 400-94071-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1000		50		ug/L	50		8021B/8015C	Total/NA
Toluene	9000		250		ug/L	50		8021B/8015C	Total/NA
Ethylbenzene	3900		50		ug/L	50		8021B/8015C	Total/NA
Xylenes, Total	20000		250		ug/L	50		8021B/8015C	Total/NA
Methyl tert-butyl ether	110		100		ug/L	50		8021B/8015C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-3 (Continued)

Lab Sample ID: 400-94071-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) -C6-C10	150000		10000		ug/L	100		8021B/8015C	Total/NA

Client Sample ID: MW-4

Lab Sample ID: 400-94071-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	400		10		ug/L	10		8021B/8015C	Total/NA
Toluene	100		50		ug/L	10		8021B/8015C	Total/NA
Ethylbenzene	320		10		ug/L	10		8021B/8015C	Total/NA
Xylenes, Total	1600		50		ug/L	10		8021B/8015C	Total/NA
Methyl tert-butyl ether	22		20		ug/L	10		8021B/8015C	Total/NA
Gasoline Range Organics (GRO) -C6-C10	15000		2000		ug/L	20		8021B/8015C	Total/NA

Client Sample ID: MW-5

Lab Sample ID: 400-94071-12

No Detections.

Client Sample ID: MW-6

Lab Sample ID: 400-94071-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	27		2.0		ug/L	2		8021B/8015C	Total/NA
Toluene	220		10		ug/L	2		8021B/8015C	Total/NA
Ethylbenzene	140		2.0		ug/L	2		8021B/8015C	Total/NA
Xylenes, Total	670		10		ug/L	2		8021B/8015C	Total/NA
Gasoline Range Organics (GRO) -C6-C10	3200		200		ug/L	2		8021B/8015C	Total/NA

Client Sample ID: MW-7

Lab Sample ID: 400-94071-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	29		2.0		ug/L	2		8021B/8015C	Total/NA
Toluene	23		10		ug/L	2		8021B/8015C	Total/NA
Ethylbenzene	220		2.0		ug/L	2		8021B/8015C	Total/NA
Xylenes, Total	830		10		ug/L	2		8021B/8015C	Total/NA
Gasoline Range Organics (GRO) -C6-C10	3900		200		ug/L	2		8021B/8015C	Total/NA

Client Sample ID: MW-9

Lab Sample ID: 400-94071-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	170		2.0		ug/L	2		8021B/8015C	Total/NA
Ethylbenzene	150		2.0		ug/L	2		8021B/8015C	Total/NA
Xylenes, Total	140		10		ug/L	2		8021B/8015C	Total/NA
Gasoline Range Organics (GRO) -C6-C10	1900		200		ug/L	2		8021B/8015C	Total/NA

Client Sample ID: RW-1

Lab Sample ID: 400-94071-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	7200		250		ug/L	250		8021B/8015C	Total/NA
Toluene	21000		1300		ug/L	250		8021B/8015C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: RW-1 (Continued)

Lab Sample ID: 400-94071-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	2300		250		ug/L	250		8021B/8015C	Total/NA
Xylenes, Total	18000		1300		ug/L	250		8021B/8015C	Total/NA
Methyl tert-butyl ether	4800		500		ug/L	250		8021B/8015C	Total/NA
Gasoline Range Organics (GRO) -C6-C10	140000		20000		ug/L	200		8021B/8015C	Total/NA

This Detection Summary does not include radiochemical test results.

Sample Summary

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-94071-1	W-1	Water	07/30/14 10:30	08/01/14 09:19
400-94071-2	W-2	Water	07/30/14 12:05	08/01/14 09:19
400-94071-3	W-3	Water	07/30/14 12:15	08/01/14 09:19
400-94071-4	W-4	Water	07/30/14 11:55	08/01/14 09:19
400-94071-5	W-5	Water	07/30/14 11:45	08/01/14 09:19
400-94071-6	W-6	Water	07/30/14 11:00	08/01/14 09:19
400-94071-7	W-7	Water	07/30/14 11:30	08/01/14 09:19
400-94071-8	MW-1	Water	07/30/14 11:50	08/01/14 09:19
400-94071-9	MW-2	Water	07/30/14 12:55	08/01/14 09:19
400-94071-10	MW-3	Water	07/30/14 13:30	08/01/14 09:19
400-94071-11	MW-4	Water	07/30/14 12:25	08/01/14 09:19
400-94071-12	MW-5	Water	07/30/14 12:35	08/01/14 09:19
400-94071-13	MW-6	Water	07/30/14 12:45	08/01/14 09:19
400-94071-14	MW-7	Water	07/30/14 13:15	08/01/14 09:19
400-94071-15	MW-9	Water	07/30/14 11:30	08/01/14 09:19
400-94071-16	RW-1	Water	07/30/14 13:00	08/01/14 09:19

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-1
Date Collected: 07/30/14 10:30
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/04/14 13:17	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/04/14 13:17	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/04/14 13:17	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			08/04/14 13:17	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/04/14 13:17	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/04/14 13:17	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			08/04/14 13:17	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			08/04/14 13:17	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			08/04/14 13:17	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			08/04/14 13:17	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			08/04/14 13:17	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/04/14 13:17	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/04/14 13:17	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			08/04/14 13:17	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			08/04/14 13:17	1
1,3-Dichloropropane	<1.0		1.0		ug/L			08/04/14 13:17	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			08/04/14 13:17	1
2,2-Dichloropropane	<1.0		1.0		ug/L			08/04/14 13:17	1
2-Chlorotoluene	<1.0		1.0		ug/L			08/04/14 13:17	1
4-Chlorotoluene	<1.0		1.0		ug/L			08/04/14 13:17	1
Benzene	<1.0		1.0		ug/L			08/04/14 13:17	1
Bromobenzene	<1.0		1.0		ug/L			08/04/14 13:17	1
Bromochloromethane	<1.0		1.0		ug/L			08/04/14 13:17	1
Bromodichloromethane	<1.0		1.0		ug/L			08/04/14 13:17	1
Bromoform	<5.0		5.0		ug/L			08/04/14 13:17	1
Bromomethane	<1.0		1.0		ug/L			08/04/14 13:17	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/04/14 13:17	1
Chlorobenzene	<1.0		1.0		ug/L			08/04/14 13:17	1
Chloroethane	<1.0		1.0		ug/L			08/04/14 13:17	1
Chloroform	<1.0		1.0		ug/L			08/04/14 13:17	1
Chloromethane	<1.0		1.0		ug/L			08/04/14 13:17	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/04/14 13:17	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			08/04/14 13:17	1
Dibromochloromethane	<1.0		1.0		ug/L			08/04/14 13:17	1
Dibromomethane	<5.0		5.0		ug/L			08/04/14 13:17	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/04/14 13:17	1
Ethylbenzene	<1.0		1.0		ug/L			08/04/14 13:17	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/04/14 13:17	1
Hexachlorobutadiene	<5.0		5.0		ug/L			08/04/14 13:17	1
Isopropylbenzene	<1.0		1.0		ug/L			08/04/14 13:17	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			08/04/14 13:17	1
Methylene Chloride	<5.0		5.0		ug/L			08/04/14 13:17	1
m-Xylene & p-Xylene	<5.0		5.0		ug/L			08/04/14 13:17	1
Naphthalene	<1.0		1.0		ug/L			08/04/14 13:17	1
n-Butylbenzene	<1.0		1.0		ug/L			08/04/14 13:17	1
N-Propylbenzene	<1.0		1.0		ug/L			08/04/14 13:17	1
o-Xylene	<5.0		5.0		ug/L			08/04/14 13:17	1
p-Cymene	<1.0		1.0		ug/L			08/04/14 13:17	1
sec-Butylbenzene	<1.0		1.0		ug/L			08/04/14 13:17	1

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-1
Date Collected: 07/30/14 10:30
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.0		1.0		ug/L			08/04/14 13:17	1
tert-Butylbenzene	<1.0		1.0		ug/L			08/04/14 13:17	1
Tetrachloroethene	<1.0		1.0		ug/L			08/04/14 13:17	1
Toluene	<1.0		1.0		ug/L			08/04/14 13:17	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/04/14 13:17	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			08/04/14 13:17	1
Trichloroethene	<1.0		1.0		ug/L			08/04/14 13:17	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/04/14 13:17	1
Vinyl chloride	<1.0		1.0		ug/L			08/04/14 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*78 - 118*		*08/04/14 13:17*	*1*
Dibromofluoromethane	*109*		*81 - 121*		*08/04/14 13:17*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/04/14 13:17*	*1*

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-2
Date Collected: 07/30/14 12:05
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/14 14:18	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/14 14:18	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/14 14:18	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			08/02/14 14:18	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/14 14:18	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/14 14:18	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			08/02/14 14:18	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			08/02/14 14:18	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			08/02/14 14:18	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			08/02/14 14:18	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 14:18	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/14 14:18	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/14 14:18	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			08/02/14 14:18	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 14:18	1
1,3-Dichloropropane	<1.0		1.0		ug/L			08/02/14 14:18	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 14:18	1
2,2-Dichloropropane	<1.0		1.0		ug/L			08/02/14 14:18	1
2-Chlorotoluene	<1.0		1.0		ug/L			08/02/14 14:18	1
4-Chlorotoluene	<1.0		1.0		ug/L			08/02/14 14:18	1
Benzene	<1.0		1.0		ug/L			08/02/14 14:18	1
Bromobenzene	<1.0		1.0		ug/L			08/02/14 14:18	1
Bromochloromethane	<1.0		1.0		ug/L			08/02/14 14:18	1
Bromodichloromethane	<1.0		1.0		ug/L			08/02/14 14:18	1
Bromoform	<5.0		5.0		ug/L			08/02/14 14:18	1
Bromomethane	<1.0		1.0		ug/L			08/02/14 14:18	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/14 14:18	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/14 14:18	1
Chloroethane	<1.0		1.0		ug/L			08/02/14 14:18	1
Chloroform	<1.0		1.0		ug/L			08/02/14 14:18	1
Chloromethane	<1.0		1.0		ug/L			08/02/14 14:18	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/14 14:18	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			08/02/14 14:18	1
Dibromochloromethane	<1.0		1.0		ug/L			08/02/14 14:18	1
Dibromomethane	<5.0		5.0		ug/L			08/02/14 14:18	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/14 14:18	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/14 14:18	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/14 14:18	1
Hexachlorobutadiene	<5.0		5.0		ug/L			08/02/14 14:18	1
Isopropylbenzene	<1.0		1.0		ug/L			08/02/14 14:18	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			08/02/14 14:18	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/14 14:18	1
m-Xylene & p-Xylene	<5.0		5.0		ug/L			08/02/14 14:18	1
Naphthalene	<1.0		1.0		ug/L			08/02/14 14:18	1
n-Butylbenzene	<1.0		1.0		ug/L			08/02/14 14:18	1
N-Propylbenzene	<1.0		1.0		ug/L			08/02/14 14:18	1
o-Xylene	<5.0		5.0		ug/L			08/02/14 14:18	1
p-Cymene	<1.0		1.0		ug/L			08/02/14 14:18	1
sec-Butylbenzene	<1.0		1.0		ug/L			08/02/14 14:18	1

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-2
Date Collected: 07/30/14 12:05
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.0		1.0		ug/L			08/02/14 14:18	1
tert-Butylbenzene	<1.0		1.0		ug/L			08/02/14 14:18	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/14 14:18	1
Toluene	<1.0		1.0		ug/L			08/02/14 14:18	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/14 14:18	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			08/02/14 14:18	1
Trichloroethene	<1.0		1.0		ug/L			08/02/14 14:18	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/14 14:18	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/14 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*78 - 118*		*08/02/14 14:18*	*1*
Dibromofluoromethane	*115*		*81 - 121*		*08/02/14 14:18*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*08/02/14 14:18*	*1*

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-3
Date Collected: 07/30/14 12:15
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/14 14:44	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/14 14:44	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/14 14:44	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			08/02/14 14:44	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/14 14:44	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/14 14:44	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			08/02/14 14:44	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			08/02/14 14:44	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			08/02/14 14:44	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			08/02/14 14:44	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 14:44	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/14 14:44	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/14 14:44	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			08/02/14 14:44	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 14:44	1
1,3-Dichloropropane	<1.0		1.0		ug/L			08/02/14 14:44	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 14:44	1
2,2-Dichloropropane	<1.0		1.0		ug/L			08/02/14 14:44	1
2-Chlorotoluene	<1.0		1.0		ug/L			08/02/14 14:44	1
4-Chlorotoluene	<1.0		1.0		ug/L			08/02/14 14:44	1
Benzene	<1.0		1.0		ug/L			08/02/14 14:44	1
Bromobenzene	<1.0		1.0		ug/L			08/02/14 14:44	1
Bromochloromethane	<1.0		1.0		ug/L			08/02/14 14:44	1
Bromodichloromethane	<1.0		1.0		ug/L			08/02/14 14:44	1
Bromoform	<5.0		5.0		ug/L			08/02/14 14:44	1
Bromomethane	<1.0		1.0		ug/L			08/02/14 14:44	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/14 14:44	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/14 14:44	1
Chloroethane	<1.0		1.0		ug/L			08/02/14 14:44	1
Chloroform	<1.0		1.0		ug/L			08/02/14 14:44	1
Chloromethane	<1.0		1.0		ug/L			08/02/14 14:44	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/14 14:44	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			08/02/14 14:44	1
Dibromochloromethane	<1.0		1.0		ug/L			08/02/14 14:44	1
Dibromomethane	<5.0		5.0		ug/L			08/02/14 14:44	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/14 14:44	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/14 14:44	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/14 14:44	1
Hexachlorobutadiene	<5.0		5.0		ug/L			08/02/14 14:44	1
Isopropylbenzene	<1.0		1.0		ug/L			08/02/14 14:44	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			08/02/14 14:44	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/14 14:44	1
m-Xylene & p-Xylene	<5.0		5.0		ug/L			08/02/14 14:44	1
Naphthalene	<1.0		1.0		ug/L			08/02/14 14:44	1
n-Butylbenzene	<1.0		1.0		ug/L			08/02/14 14:44	1
N-Propylbenzene	<1.0		1.0		ug/L			08/02/14 14:44	1
o-Xylene	<5.0		5.0		ug/L			08/02/14 14:44	1
p-Cymene	<1.0		1.0		ug/L			08/02/14 14:44	1
sec-Butylbenzene	<1.0		1.0		ug/L			08/02/14 14:44	1

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-3
Date Collected: 07/30/14 12:15
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.0		1.0		ug/L			08/02/14 14:44	1
tert-Butylbenzene	<1.0		1.0		ug/L			08/02/14 14:44	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/14 14:44	1
Toluene	<1.0		1.0		ug/L			08/02/14 14:44	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/14 14:44	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			08/02/14 14:44	1
Trichloroethene	<1.0		1.0		ug/L			08/02/14 14:44	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/14 14:44	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/14 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*78 - 118*		*08/02/14 14:44*	*1*
Dibromofluoromethane	*116*		*81 - 121*		*08/02/14 14:44*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*08/02/14 14:44*	*1*

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-4
Date Collected: 07/30/14 11:55
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/14 15:10	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/14 15:10	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/14 15:10	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			08/02/14 15:10	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/14 15:10	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/14 15:10	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			08/02/14 15:10	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			08/02/14 15:10	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			08/02/14 15:10	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			08/02/14 15:10	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 15:10	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/14 15:10	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/14 15:10	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			08/02/14 15:10	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 15:10	1
1,3-Dichloropropane	<1.0		1.0		ug/L			08/02/14 15:10	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 15:10	1
2,2-Dichloropropane	<1.0		1.0		ug/L			08/02/14 15:10	1
2-Chlorotoluene	<1.0		1.0		ug/L			08/02/14 15:10	1
4-Chlorotoluene	<1.0		1.0		ug/L			08/02/14 15:10	1
Benzene	<1.0		1.0		ug/L			08/02/14 15:10	1
Bromobenzene	<1.0		1.0		ug/L			08/02/14 15:10	1
Bromochloromethane	<1.0		1.0		ug/L			08/02/14 15:10	1
Bromodichloromethane	<1.0		1.0		ug/L			08/02/14 15:10	1
Bromoform	<5.0		5.0		ug/L			08/02/14 15:10	1
Bromomethane	<1.0		1.0		ug/L			08/02/14 15:10	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/14 15:10	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/14 15:10	1
Chloroethane	<1.0		1.0		ug/L			08/02/14 15:10	1
Chloroform	<1.0		1.0		ug/L			08/02/14 15:10	1
Chloromethane	<1.0		1.0		ug/L			08/02/14 15:10	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/14 15:10	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			08/02/14 15:10	1
Dibromochloromethane	<1.0		1.0		ug/L			08/02/14 15:10	1
Dibromomethane	<5.0		5.0		ug/L			08/02/14 15:10	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/14 15:10	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/14 15:10	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/14 15:10	1
Hexachlorobutadiene	<5.0		5.0		ug/L			08/02/14 15:10	1
Isopropylbenzene	<1.0		1.0		ug/L			08/02/14 15:10	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			08/02/14 15:10	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/14 15:10	1
m-Xylene & p-Xylene	<5.0		5.0		ug/L			08/02/14 15:10	1
Naphthalene	<1.0		1.0		ug/L			08/02/14 15:10	1
n-Butylbenzene	<1.0		1.0		ug/L			08/02/14 15:10	1
N-Propylbenzene	<1.0		1.0		ug/L			08/02/14 15:10	1
o-Xylene	<5.0		5.0		ug/L			08/02/14 15:10	1
p-Cymene	<1.0		1.0		ug/L			08/02/14 15:10	1
sec-Butylbenzene	<1.0		1.0		ug/L			08/02/14 15:10	1

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-4
Date Collected: 07/30/14 11:55
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.0		1.0		ug/L			08/02/14 15:10	1
tert-Butylbenzene	<1.0		1.0		ug/L			08/02/14 15:10	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/14 15:10	1
Toluene	<1.0		1.0		ug/L			08/02/14 15:10	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/14 15:10	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			08/02/14 15:10	1
Trichloroethene	<1.0		1.0		ug/L			08/02/14 15:10	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/14 15:10	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/14 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*78 - 118*		*08/02/14 15:10*	*1*
Dibromofluoromethane	*115*		*81 - 121*		*08/02/14 15:10*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*08/02/14 15:10*	*1*

Client Sample ID: W-5
Date Collected: 07/30/14 11:45
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/14 15:36	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/14 15:36	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/14 15:36	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			08/02/14 15:36	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/14 15:36	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/14 15:36	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			08/02/14 15:36	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			08/02/14 15:36	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			08/02/14 15:36	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			08/02/14 15:36	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 15:36	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/14 15:36	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/14 15:36	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			08/02/14 15:36	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 15:36	1
1,3-Dichloropropane	<1.0		1.0		ug/L			08/02/14 15:36	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 15:36	1
2,2-Dichloropropane	<1.0		1.0		ug/L			08/02/14 15:36	1
2-Chlorotoluene	<1.0		1.0		ug/L			08/02/14 15:36	1
4-Chlorotoluene	<1.0		1.0		ug/L			08/02/14 15:36	1
Benzene	<1.0		1.0		ug/L			08/02/14 15:36	1
Bromobenzene	<1.0		1.0		ug/L			08/02/14 15:36	1
Bromochloromethane	<1.0		1.0		ug/L			08/02/14 15:36	1
Bromodichloromethane	<1.0		1.0		ug/L			08/02/14 15:36	1
Bromoform	<5.0		5.0		ug/L			08/02/14 15:36	1
Bromomethane	<1.0		1.0		ug/L			08/02/14 15:36	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/14 15:36	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/14 15:36	1
Chloroethane	<1.0		1.0		ug/L			08/02/14 15:36	1
Chloroform	<1.0		1.0		ug/L			08/02/14 15:36	1
Chloromethane	<1.0		1.0		ug/L			08/02/14 15:36	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/14 15:36	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			08/02/14 15:36	1
Dibromochloromethane	<1.0		1.0		ug/L			08/02/14 15:36	1
Dibromomethane	<5.0		5.0		ug/L			08/02/14 15:36	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/14 15:36	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/14 15:36	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/14 15:36	1
Hexachlorobutadiene	<5.0		5.0		ug/L			08/02/14 15:36	1
Isopropylbenzene	<1.0		1.0		ug/L			08/02/14 15:36	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			08/02/14 15:36	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/14 15:36	1
m-Xylene & p-Xylene	<5.0		5.0		ug/L			08/02/14 15:36	1
Naphthalene	<1.0		1.0		ug/L			08/02/14 15:36	1
n-Butylbenzene	<1.0		1.0		ug/L			08/02/14 15:36	1
N-Propylbenzene	<1.0		1.0		ug/L			08/02/14 15:36	1
o-Xylene	<5.0		5.0		ug/L			08/02/14 15:36	1
p-Cymene	<1.0		1.0		ug/L			08/02/14 15:36	1
sec-Butylbenzene	<1.0		1.0		ug/L			08/02/14 15:36	1

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-5
Date Collected: 07/30/14 11:45
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.0		1.0		ug/L			08/02/14 15:36	1
tert-Butylbenzene	<1.0		1.0		ug/L			08/02/14 15:36	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/14 15:36	1
Toluene	<1.0		1.0		ug/L			08/02/14 15:36	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/14 15:36	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			08/02/14 15:36	1
Trichloroethene	<1.0		1.0		ug/L			08/02/14 15:36	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/14 15:36	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/14 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*78 - 118*		*08/02/14 15:36*	*1*
Dibromofluoromethane	*115*		*81 - 121*		*08/02/14 15:36*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*08/02/14 15:36*	*1*

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-6
Date Collected: 07/30/14 11:00
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/14 16:02	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/14 16:02	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/14 16:02	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			08/02/14 16:02	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/14 16:02	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/14 16:02	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			08/02/14 16:02	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			08/02/14 16:02	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			08/02/14 16:02	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			08/02/14 16:02	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 16:02	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/14 16:02	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/14 16:02	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			08/02/14 16:02	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 16:02	1
1,3-Dichloropropane	<1.0		1.0		ug/L			08/02/14 16:02	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 16:02	1
2,2-Dichloropropane	<1.0		1.0		ug/L			08/02/14 16:02	1
2-Chlorotoluene	<1.0		1.0		ug/L			08/02/14 16:02	1
4-Chlorotoluene	<1.0		1.0		ug/L			08/02/14 16:02	1
Benzene	<1.0		1.0		ug/L			08/02/14 16:02	1
Bromobenzene	<1.0		1.0		ug/L			08/02/14 16:02	1
Bromochloromethane	<1.0		1.0		ug/L			08/02/14 16:02	1
Bromodichloromethane	<1.0		1.0		ug/L			08/02/14 16:02	1
Bromoform	<5.0		5.0		ug/L			08/02/14 16:02	1
Bromomethane	<1.0		1.0		ug/L			08/02/14 16:02	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/14 16:02	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/14 16:02	1
Chloroethane	<1.0		1.0		ug/L			08/02/14 16:02	1
Chloroform	<1.0		1.0		ug/L			08/02/14 16:02	1
Chloromethane	<1.0		1.0		ug/L			08/02/14 16:02	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/14 16:02	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			08/02/14 16:02	1
Dibromochloromethane	<1.0		1.0		ug/L			08/02/14 16:02	1
Dibromomethane	<5.0		5.0		ug/L			08/02/14 16:02	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/14 16:02	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/14 16:02	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/14 16:02	1
Hexachlorobutadiene	<5.0		5.0		ug/L			08/02/14 16:02	1
Isopropylbenzene	<1.0		1.0		ug/L			08/02/14 16:02	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			08/02/14 16:02	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/14 16:02	1
m-Xylene & p-Xylene	<5.0		5.0		ug/L			08/02/14 16:02	1
Naphthalene	<1.0		1.0		ug/L			08/02/14 16:02	1
n-Butylbenzene	<1.0		1.0		ug/L			08/02/14 16:02	1
N-Propylbenzene	<1.0		1.0		ug/L			08/02/14 16:02	1
o-Xylene	<5.0		5.0		ug/L			08/02/14 16:02	1
p-Cymene	<1.0		1.0		ug/L			08/02/14 16:02	1
sec-Butylbenzene	<1.0		1.0		ug/L			08/02/14 16:02	1

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-6
Date Collected: 07/30/14 11:00
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.0		1.0		ug/L			08/02/14 16:02	1
tert-Butylbenzene	<1.0		1.0		ug/L			08/02/14 16:02	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/14 16:02	1
Toluene	<1.0		1.0		ug/L			08/02/14 16:02	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/14 16:02	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			08/02/14 16:02	1
Trichloroethene	<1.0		1.0		ug/L			08/02/14 16:02	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/14 16:02	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/14 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*78 - 118*		*08/02/14 16:02*	*1*
Dibromofluoromethane	*116*		*81 - 121*		*08/02/14 16:02*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*08/02/14 16:02*	*1*

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-7
Date Collected: 07/30/14 11:30
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/14 16:28	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/14 16:28	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/14 16:28	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			08/02/14 16:28	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/14 16:28	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/14 16:28	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			08/02/14 16:28	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			08/02/14 16:28	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			08/02/14 16:28	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			08/02/14 16:28	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 16:28	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/14 16:28	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/14 16:28	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			08/02/14 16:28	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 16:28	1
1,3-Dichloropropane	<1.0		1.0		ug/L			08/02/14 16:28	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 16:28	1
2,2-Dichloropropane	<1.0		1.0		ug/L			08/02/14 16:28	1
2-Chlorotoluene	<1.0		1.0		ug/L			08/02/14 16:28	1
4-Chlorotoluene	<1.0		1.0		ug/L			08/02/14 16:28	1
Benzene	<1.0		1.0		ug/L			08/02/14 16:28	1
Bromobenzene	<1.0		1.0		ug/L			08/02/14 16:28	1
Bromochloromethane	<1.0		1.0		ug/L			08/02/14 16:28	1
Bromodichloromethane	<1.0		1.0		ug/L			08/02/14 16:28	1
Bromoform	<5.0		5.0		ug/L			08/02/14 16:28	1
Bromomethane	<1.0		1.0		ug/L			08/02/14 16:28	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/14 16:28	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/14 16:28	1
Chloroethane	<1.0		1.0		ug/L			08/02/14 16:28	1
Chloroform	<1.0		1.0		ug/L			08/02/14 16:28	1
Chloromethane	<1.0		1.0		ug/L			08/02/14 16:28	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/14 16:28	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			08/02/14 16:28	1
Dibromochloromethane	<1.0		1.0		ug/L			08/02/14 16:28	1
Dibromomethane	<5.0		5.0		ug/L			08/02/14 16:28	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/14 16:28	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/14 16:28	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/14 16:28	1
Hexachlorobutadiene	<5.0		5.0		ug/L			08/02/14 16:28	1
Isopropylbenzene	<1.0		1.0		ug/L			08/02/14 16:28	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			08/02/14 16:28	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/14 16:28	1
m-Xylene & p-Xylene	<5.0		5.0		ug/L			08/02/14 16:28	1
Naphthalene	<1.0		1.0		ug/L			08/02/14 16:28	1
n-Butylbenzene	<1.0		1.0		ug/L			08/02/14 16:28	1
N-Propylbenzene	<1.0		1.0		ug/L			08/02/14 16:28	1
o-Xylene	<5.0		5.0		ug/L			08/02/14 16:28	1
p-Cymene	<1.0		1.0		ug/L			08/02/14 16:28	1
sec-Butylbenzene	<1.0		1.0		ug/L			08/02/14 16:28	1

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-7
Date Collected: 07/30/14 11:30
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.0		1.0		ug/L			08/02/14 16:28	1
tert-Butylbenzene	<1.0		1.0		ug/L			08/02/14 16:28	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/14 16:28	1
Toluene	<1.0		1.0		ug/L			08/02/14 16:28	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/14 16:28	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			08/02/14 16:28	1
Trichloroethene	<1.0		1.0		ug/L			08/02/14 16:28	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/14 16:28	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/14 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*78 - 118*		*08/02/14 16:28*	*1*
Dibromofluoromethane	*116*		*81 - 121*		*08/02/14 16:28*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*08/02/14 16:28*	*1*

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: MW-1
Date Collected: 07/30/14 11:50
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-8
Matrix: Water

Method: 8021B/8015C - Volatiles & GRO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	13		5.0		ug/L			08/05/14 22:55	5
Toluene	51		25		ug/L			08/05/14 22:55	5
Ethylbenzene	340		5.0		ug/L			08/05/14 22:55	5
Xylenes, Total	1200		25		ug/L			08/05/14 22:55	5
Methyl tert-butyl ether	<10		10		ug/L			08/05/14 22:55	5
Gasoline Range Organics (GRO) -C6-C10	16000		500		ug/L			08/04/14 15:07	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*109*		*78 - 124*		*08/05/14 22:55*	*5*
a,a,a-Trifluorotoluene (fid)	*80*		*78 - 119*		*08/04/14 15:07*	*5*

Client Sample ID: MW-2
Date Collected: 07/30/14 12:55
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-9
Matrix: Water

Method: 8021B/8015C - Volatiles & GRO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5100		1000		ug/L			08/06/14 11:50	1000
Toluene	32000		5000		ug/L			08/06/14 11:50	1000
Ethylbenzene	2500		1000		ug/L			08/06/14 11:50	1000
Xylenes, Total	19000		5000		ug/L			08/06/14 11:50	1000
Methyl tert-butyl ether	<2000		2000		ug/L			08/06/14 11:50	1000
Gasoline Range Organics (GRO) -C6-C10	160000		25000		ug/L			08/04/14 15:40	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*99*		*78 - 124*		*08/06/14 11:50*	*1000*
a,a,a-Trifluorotoluene (fid)	*90*		*78 - 119*		*08/04/14 15:40*	*250*

Client Sample ID: MW-3
Date Collected: 07/30/14 13:30
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-10
Matrix: Water

Method: 8021B/8015C - Volatiles & GRO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1000		50		ug/L			08/06/14 03:11	50
Toluene	9000		250		ug/L			08/06/14 03:11	50
Ethylbenzene	3900		50		ug/L			08/06/14 03:11	50
Xylenes, Total	20000		250		ug/L			08/06/14 03:11	50
Methyl tert-butyl ether	110		100		ug/L			08/06/14 03:11	50
Gasoline Range Organics (GRO) -C6-C10	150000		10000		ug/L			08/04/14 16:13	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*97*		*78 - 124*		*08/06/14 03:11*	*50*
a,a,a-Trifluorotoluene (fid)	*85*		*78 - 119*		*08/04/14 16:13*	*100*

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: MW-4
Date Collected: 07/30/14 12:25
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-11
Matrix: Water

Method: 8021B/8015C - Volatiles & GRO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	400		10		ug/L			08/06/14 05:19	10
Toluene	100		50		ug/L			08/06/14 05:19	10
Ethylbenzene	320		10		ug/L			08/06/14 05:19	10
Xylenes, Total	1600		50		ug/L			08/06/14 05:19	10
Methyl tert-butyl ether	22		20		ug/L			08/06/14 05:19	10
Gasoline Range Organics (GRO) -C6-C10	15000		2000		ug/L			08/04/14 16:47	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*90*		*78 - 124*		*08/06/14 05:19*	*10*
a,a,a-Trifluorotoluene (fid)	*90*		*78 - 119*		*08/04/14 16:47*	*20*

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: MW-5
Date Collected: 07/30/14 12:35
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-12
Matrix: Water

Method: 8021B/8015C - Volatiles & GRO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			08/05/14 15:25	1
Toluene	<5.0		5.0		ug/L			08/05/14 15:25	1
Ethylbenzene	<1.0		1.0		ug/L			08/05/14 15:25	1
Xylenes, Total	<5.0		5.0		ug/L			08/05/14 15:25	1
Methyl tert-butyl ether	<2.0		2.0		ug/L			08/05/14 15:25	1
Gasoline Range Organics (GRO) -C6-C10	<100		100		ug/L			08/04/14 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*101*		*78 - 124*		*08/05/14 15:25*	*1*
a,a,a-Trifluorotoluene (fid)	*88*		*78 - 119*		*08/04/14 13:28*	*1*

Client Sample ID: MW-6
Date Collected: 07/30/14 12:45
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-13
Matrix: Water

Method: 8021B/8015C - Volatiles & GRO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	27		2.0		ug/L			08/05/14 18:38	2
Toluene	220		10		ug/L			08/05/14 18:38	2
Ethylbenzene	140		2.0		ug/L			08/05/14 18:38	2
Xylenes, Total	670		10		ug/L			08/05/14 18:38	2
Methyl tert-butyl ether	<4.0		4.0		ug/L			08/05/14 18:38	2
Gasoline Range Organics (GRO) -C6-C10	3200		200		ug/L			08/04/14 17:20	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*105*		*78 - 124*		*08/05/14 18:38*	*2*
a,a,a-Trifluorotoluene (fid)	*92*		*78 - 119*		*08/04/14 17:20*	*2*

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: MW-7
Date Collected: 07/30/14 13:15
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-14
Matrix: Water

Method: 8021B/8015C - Volatiles & GRO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	29		2.0		ug/L			08/05/14 19:43	2
Toluene	23		10		ug/L			08/05/14 19:43	2
Ethylbenzene	220		2.0		ug/L			08/05/14 19:43	2
Xylenes, Total	830		10		ug/L			08/05/14 19:43	2
Methyl tert-butyl ether	<4.0		4.0		ug/L			08/05/14 19:43	2
Gasoline Range Organics (GRO) -C6-C10	3900		200		ug/L			08/04/14 19:32	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*103*		*78 - 124*		*08/05/14 19:43*	*2*
a,a,a-Trifluorotoluene (fid)	*88*		*78 - 119*		*08/04/14 19:32*	*2*

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: MW-9
Date Collected: 07/30/14 11:30
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-15
Matrix: Water

Method: 8021B/8015C - Volatiles & GRO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	170		2.0		ug/L			08/05/14 20:47	2
Toluene	<10		10		ug/L			08/05/14 20:47	2
Ethylbenzene	150		2.0		ug/L			08/05/14 20:47	2
Xylenes, Total	140		10		ug/L			08/05/14 20:47	2
Methyl tert-butyl ether	<4.0		4.0		ug/L			08/05/14 20:47	2
Gasoline Range Organics (GRO) -C6-C10	1900		200		ug/L			08/04/14 20:06	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*109*		*78 - 124*		*08/05/14 20:47*	*2*
a,a,a-Trifluorotoluene (fid)	*90*		*78 - 119*		*08/04/14 20:06*	*2*

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: RW-1
Date Collected: 07/30/14 13:00
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-16
Matrix: Water

Method: 8021B/8015C - Volatiles & GRO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7200		250		ug/L			08/06/14 10:46	250
Toluene	21000		1300		ug/L			08/06/14 10:46	250
Ethylbenzene	2300		250		ug/L			08/06/14 10:46	250
Xylenes, Total	18000		1300		ug/L			08/06/14 10:46	250
Methyl tert-butyl ether	4800		500		ug/L			08/06/14 10:46	250
Gasoline Range Organics (GRO) -C6-C10	140000		20000		ug/L			08/04/14 20:39	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*97*		*78 - 124*		*08/06/14 10:46*	*250*
a,a,a-Trifluorotoluene (fid)	*89*		*78 - 119*		*08/04/14 20:39*	*200*

GC/MS VOA

Analysis Batch: 225512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-94054-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
400-94054-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
400-94071-2	W-2	Total/NA	Water	8260B	
400-94071-3	W-3	Total/NA	Water	8260B	
400-94071-4	W-4	Total/NA	Water	8260B	
400-94071-5	W-5	Total/NA	Water	8260B	
400-94071-6	W-6	Total/NA	Water	8260B	
400-94071-7	W-7	Total/NA	Water	8260B	
LCS 400-225512/1002	Lab Control Sample	Total/NA	Water	8260B	
MB 400-225512/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 225563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-94071-1	W-1	Total/NA	Water	8260B	
400-94084-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
400-94084-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 400-225563/1002	Lab Control Sample	Total/NA	Water	8260B	
MB 400-225563/4	Method Blank	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 225618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-94071-8	MW-1	Total/NA	Water	8021B/8015C	
400-94071-9	MW-2	Total/NA	Water	8021B/8015C	
400-94071-10	MW-3	Total/NA	Water	8021B/8015C	
400-94071-11	MW-4	Total/NA	Water	8021B/8015C	
400-94071-12	MW-5	Total/NA	Water	8021B/8015C	
400-94071-12 MS	MW-5	Total/NA	Water	8021B/8015C	
400-94071-12 MSD	MW-5	Total/NA	Water	8021B/8015C	
400-94071-13	MW-6	Total/NA	Water	8021B/8015C	
400-94071-14	MW-7	Total/NA	Water	8021B/8015C	
400-94071-15	MW-9	Total/NA	Water	8021B/8015C	
400-94071-16	RW-1	Total/NA	Water	8021B/8015C	
LCS 400-225618/1003	Lab Control Sample	Total/NA	Water	8021B/8015C	
MB 400-225618/4	Method Blank	Total/NA	Water	8021B/8015C	

Analysis Batch: 225733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-94071-8	MW-1	Total/NA	Water	8021B/8015C	
400-94071-9	MW-2	Total/NA	Water	8021B/8015C	
400-94071-10	MW-3	Total/NA	Water	8021B/8015C	
400-94071-11	MW-4	Total/NA	Water	8021B/8015C	
400-94071-12	MW-5	Total/NA	Water	8021B/8015C	
400-94071-12 MS	MW-5	Total/NA	Water	8021B/8015C	
400-94071-12 MSD	MW-5	Total/NA	Water	8021B/8015C	
400-94071-13	MW-6	Total/NA	Water	8021B/8015C	
400-94071-14	MW-7	Total/NA	Water	8021B/8015C	
400-94071-15	MW-9	Total/NA	Water	8021B/8015C	
400-94071-16	RW-1	Total/NA	Water	8021B/8015C	

GC VOA (Continued)

Analysis Batch: 225733 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-225733/1002	Lab Control Sample	Total/NA	Water	8021B/8015C	
MB 400-225733/3	Method Blank	Total/NA	Water	8021B/8015C	

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

Lab Sample ID: MB 400-225512/4
Matrix: Water
Analysis Batch: 225512

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/14 08:56	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/02/14 08:56	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/02/14 08:56	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			08/02/14 08:56	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/02/14 08:56	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/02/14 08:56	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			08/02/14 08:56	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/02/14 08:56	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/02/14 08:56	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
1,3-Dichloropropane	<1.0		1.0		ug/L			08/02/14 08:56	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
2,2-Dichloropropane	<1.0		1.0		ug/L			08/02/14 08:56	1
2-Chlorotoluene	<1.0		1.0		ug/L			08/02/14 08:56	1
4-Chlorotoluene	<1.0		1.0		ug/L			08/02/14 08:56	1
Benzene	<1.0		1.0		ug/L			08/02/14 08:56	1
Bromobenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
Bromochloromethane	<1.0		1.0		ug/L			08/02/14 08:56	1
Bromodichloromethane	<1.0		1.0		ug/L			08/02/14 08:56	1
Bromoform	<5.0		5.0		ug/L			08/02/14 08:56	1
Bromomethane	<1.0		1.0		ug/L			08/02/14 08:56	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/02/14 08:56	1
Chlorobenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
Chloroethane	<1.0		1.0		ug/L			08/02/14 08:56	1
Chloroform	<1.0		1.0		ug/L			08/02/14 08:56	1
Chloromethane	<1.0		1.0		ug/L			08/02/14 08:56	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/14 08:56	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			08/02/14 08:56	1
Dibromochloromethane	<1.0		1.0		ug/L			08/02/14 08:56	1
Dibromomethane	<5.0		5.0		ug/L			08/02/14 08:56	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/02/14 08:56	1
Ethylbenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/02/14 08:56	1
Hexachlorobutadiene	<5.0		5.0		ug/L			08/02/14 08:56	1
Isopropylbenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			08/02/14 08:56	1
Methylene Chloride	<5.0		5.0		ug/L			08/02/14 08:56	1
m-Xylene & p-Xylene	<5.0		5.0		ug/L			08/02/14 08:56	1
Naphthalene	<1.0		1.0		ug/L			08/02/14 08:56	1
n-Butylbenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
N-Propylbenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
o-Xylene	<5.0		5.0		ug/L			08/02/14 08:56	1
p-Cymene	<1.0		1.0		ug/L			08/02/14 08:56	1

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

Lab Sample ID: MB 400-225512/4
Matrix: Water
Analysis Batch: 225512

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
Styrene	<1.0		1.0		ug/L			08/02/14 08:56	1
tert-Butylbenzene	<1.0		1.0		ug/L			08/02/14 08:56	1
Tetrachloroethene	<1.0		1.0		ug/L			08/02/14 08:56	1
Toluene	<1.0		1.0		ug/L			08/02/14 08:56	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/02/14 08:56	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			08/02/14 08:56	1
Trichloroethene	<1.0		1.0		ug/L			08/02/14 08:56	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/02/14 08:56	1
Vinyl chloride	<1.0		1.0		ug/L			08/02/14 08:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*78 - 118*		*08/02/14 08:56*	*1*
Dibromofluoromethane	*113*		*81 - 121*		*08/02/14 08:56*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*08/02/14 08:56*	*1*

Lab Sample ID: LCS 400-225512/1002
Matrix: Water
Analysis Batch: 225512

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	50.4		ug/L		101	66 - 126
1,1,1-Trichloroethane	50.0	56.0		ug/L		112	66 - 130
1,1,2,2-Tetrachloroethane	50.0	39.1		ug/L		78	68 - 132
1,1,2-Trichloroethane	50.0	44.0		ug/L		88	80 - 120
1,1-Dichloroethane	50.0	50.5		ug/L		101	75 - 126
1,1-Dichloroethene	50.0	55.5		ug/L		111	50 - 134
1,2,3-Trichlorobenzene	50.0	45.0		ug/L		90	62 - 130
1,2,3-Trichloropropane	50.0	41.9		ug/L		84	72 - 125
1,2,4-Trichlorobenzene	50.0	45.9		ug/L		92	69 - 128
1,2,4-Trimethylbenzene	50.0	42.8		ug/L		86	77 - 127
1,2-Dichlorobenzene	50.0	45.4		ug/L		91	80 - 121
1,2-Dichloroethane	50.0	60.0		ug/L		120	69 - 128
1,2-Dichloropropane	50.0	49.9		ug/L		100	77 - 126
1,3,5-Trimethylbenzene	50.0	43.8		ug/L		88	80 - 120
1,3-Dichlorobenzene	50.0	45.3		ug/L		91	77 - 124
1,3-Dichloropropane	50.0	44.5		ug/L		89	77 - 120
1,4-Dichlorobenzene	50.0	43.7		ug/L		87	79 - 120
2,2-Dichloropropane	50.0	53.6		ug/L		107	52 - 135
2-Chlorotoluene	50.0	42.7		ug/L		85	75 - 126
4-Chlorotoluene	50.0	42.8		ug/L		86	80 - 125
Benzene	50.0	49.0		ug/L		98	79 - 120
Bromobenzene	50.0	44.6		ug/L		89	80 - 121
Bromochloromethane	50.0	54.8		ug/L		110	80 - 120
Bromodichloromethane	50.0	55.1		ug/L		110	75 - 127
Bromoform	50.0	53.5		ug/L		107	65 - 121
Bromomethane	50.0	46.0		ug/L		92	10 - 150
Carbon tetrachloride	50.0	59.2		ug/L		118	46 - 141

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

Lab Sample ID: LCS 400-225512/1002
Matrix: Water
Analysis Batch: 225512

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	50.0	45.6		ug/L		91	80 - 120
Chloroethane	50.0	72.9		ug/L		146	37 - 150
Chloroform	50.0	53.5		ug/L		107	73 - 122
Chloromethane	50.0	39.8		ug/L		80	49 - 141
cis-1,2-Dichloroethene	50.0	50.8		ug/L		102	78 - 122
cis-1,3-Dichloropropene	50.0	51.8		ug/L		104	70 - 122
Dibromochloromethane	50.0	50.7		ug/L		101	63 - 125
Dibromomethane	50.0	55.4		ug/L		111	78 - 120
Dichlorodifluoromethane	50.0	65.9		ug/L		132	27 - 144
Ethylbenzene	50.0	45.8		ug/L		92	80 - 120
Ethylene Dibromide	50.0	45.6		ug/L		91	80 - 120
Hexachlorobutadiene	50.0	49.6		ug/L		99	35 - 150
Isopropylbenzene	50.0	47.6		ug/L		95	76 - 120
Methyl tert-butyl ether	50.0	50.2		ug/L		100	70 - 124
Methylene Chloride	50.0	47.4		ug/L		95	70 - 130
m-Xylene & p-Xylene	50.0	45.9		ug/L		92	70 - 130
Naphthalene	50.0	40.1		ug/L		80	45 - 131
n-Butylbenzene	50.0	45.0		ug/L		90	76 - 138
N-Propylbenzene	50.0	41.6		ug/L		83	75 - 128
o-Xylene	50.0	47.3		ug/L		95	70 - 130
sec-Butylbenzene	50.0	43.1		ug/L		86	78 - 128
Styrene	50.0	49.6		ug/L		99	79 - 124
tert-Butylbenzene	50.0	44.2		ug/L		88	80 - 120
Tetrachloroethene	50.0	48.1		ug/L		96	76 - 124
Toluene	50.0	43.7		ug/L		87	80 - 120
trans-1,2-Dichloroethene	50.0	50.4		ug/L		101	70 - 126
trans-1,3-Dichloropropene	50.0	47.1		ug/L		94	64 - 120
Trichloroethene	50.0	52.6		ug/L		105	77 - 120
Trichlorofluoromethane	50.0	66.3		ug/L		133	26 - 150
Vinyl chloride	50.0	50.5		ug/L		101	60 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*78 - 118*
Dibromofluoromethane	*115*		*81 - 121*
Toluene-d8 (Surr)	*91*		*80 - 120*

Lab Sample ID: 400-94054-A-1 MS
Matrix: Water
Analysis Batch: 225512

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<1.0		50.0	52.3		ug/L		105	42 - 135
1,1,1-Trichloroethane	<1.0		50.0	59.0		ug/L		118	60 - 131
1,1,2,2-Tetrachloroethane	<1.0		50.0	42.1		ug/L		84	52 - 148
1,1,2-Trichloroethane	<5.0		50.0	47.8		ug/L		96	68 - 127
1,1-Dichloroethane	<1.0		50.0	54.0		ug/L		108	10 - 150
1,1-Dichloroethene	<1.0		50.0	60.4		ug/L		121	10 - 150
1,2,3-Trichlorobenzene	<1.0		50.0	44.6		ug/L		89	30 - 137

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

Lab Sample ID: 400-94054-A-1 MS
Matrix: Water
Analysis Batch: 225512

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	<5.0		50.0	45.6		ug/L		91	67 - 130
1,2,4-Trichlorobenzene	<1.0		50.0	44.7		ug/L		89	20 - 139
1,2,4-Trimethylbenzene	<1.0		50.0	42.5		ug/L		85	10 - 150
1,2-Dichlorobenzene	<1.0		50.0	45.8		ug/L		92	10 - 150
1,2-Dichloroethane	<1.0		50.0	64.7		ug/L		129	10 - 150
1,2-Dichloropropane	<1.0		50.0	51.8		ug/L		104	65 - 132
1,3,5-Trimethylbenzene	<1.0		50.0	42.4		ug/L		85	10 - 150
1,3-Dichlorobenzene	<1.0		50.0	44.1		ug/L		88	25 - 136
1,3-Dichloropropane	<1.0		50.0	47.8		ug/L		96	67 - 127
1,4-Dichlorobenzene	<1.0		50.0	43.8		ug/L		88	10 - 150
2,2-Dichloropropane	<1.0		50.0	55.6		ug/L		111	46 - 132
2-Chlorotoluene	<1.0		50.0	43.0		ug/L		86	10 - 150
4-Chlorotoluene	<1.0		50.0	41.9		ug/L		84	17 - 145
Benzene	<1.0		50.0	52.2		ug/L		104	10 - 150
Bromobenzene	<1.0		50.0	45.6		ug/L		91	38 - 135
Bromochloromethane	<1.0		50.0	59.2		ug/L		118	75 - 120
Bromodichloromethane	<1.0		50.0	57.5		ug/L		115	61 - 133
Bromoform	<5.0		50.0	56.4		ug/L		113	54 - 125
Bromomethane	<1.0		50.0	41.3		ug/L		83	10 - 150
Carbon tetrachloride	<1.0		50.0	61.6		ug/L		123	40 - 138
Chlorobenzene	<1.0		50.0	46.9		ug/L		94	10 - 150
Chloroethane	<1.0		50.0	66.2		ug/L		132	38 - 150
Chloroform	<1.0		50.0	56.6		ug/L		113	10 - 150
Chloromethane	<1.0		50.0	32.3		ug/L		65	26 - 150
cis-1,2-Dichloroethene	<1.0		50.0	54.3		ug/L		109	10 - 150
cis-1,3-Dichloropropene	<5.0		50.0	53.9		ug/L		108	52 - 130
Dibromochloromethane	<1.0		50.0	53.9		ug/L		108	50 - 130
Dibromomethane	<5.0		50.0	59.1		ug/L		118	69 - 123
Dichlorodifluoromethane	<1.0		50.0	40.8		ug/L		82	10 - 150
Ethylbenzene	<1.0		50.0	46.0		ug/L		92	10 - 150
Ethylene Dibromide	<1.0		50.0	49.3		ug/L		99	70 - 125
Hexachlorobutadiene	<5.0		50.0	44.0		ug/L		88	10 - 150
Isopropylbenzene	<1.0		50.0	46.6		ug/L		93	10 - 150
Methyl tert-butyl ether	<1.0		50.0	53.7		ug/L		107	10 - 150
Methylene Chloride	<5.0		50.0	52.6		ug/L		105	10 - 150
m-Xylene & p-Xylene	<5.0		50.0	45.7		ug/L		91	10 - 150
Naphthalene	<1.0		50.0	41.2		ug/L		82	10 - 150
n-Butylbenzene	<1.0		50.0	41.2		ug/L		82	10 - 150
N-Propylbenzene	<1.0		50.0	40.4		ug/L		81	10 - 150
o-Xylene	<5.0		50.0	48.1		ug/L		96	10 - 150
sec-Butylbenzene	<1.0		50.0	40.9		ug/L		82	10 - 150
Styrene	<1.0		50.0	49.6		ug/L		99	24 - 147
tert-Butylbenzene	<1.0		50.0	43.3		ug/L		87	10 - 150
Tetrachloroethene	<1.0		50.0	48.7		ug/L		97	10 - 150
Toluene	<1.0		50.0	45.4		ug/L		91	10 - 150
trans-1,2-Dichloroethene	<1.0		50.0	53.4		ug/L		107	66 - 126
trans-1,3-Dichloropropene	<5.0		50.0	48.7		ug/L		97	45 - 128
Trichloroethene	<1.0		50.0	55.5		ug/L		111	10 - 150

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

Lab Sample ID: 400-94054-A-1 MS
Matrix: Water
Analysis Batch: 225512

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichlorofluoromethane	<1.0		50.0	60.7		ug/L		121	29 - 144
Vinyl chloride	<1.0		50.0	43.2		ug/L		86	46 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*92*		*78 - 118*
Dibromofluoromethane	*112*		*81 - 121*
Toluene-d8 (Surr)	*92*		*80 - 120*

Lab Sample ID: 400-94054-A-1 MSD
Matrix: Water
Analysis Batch: 225512

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<1.0		50.0	54.1		ug/L		108	42 - 135	3	23
1,1,1-Trichloroethane	<1.0		50.0	62.2		ug/L		124	60 - 131	5	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	43.7		ug/L		87	52 - 148	4	20
1,1,2-Trichloroethane	<5.0		50.0	49.7		ug/L		99	68 - 127	4	19
1,1-Dichloroethane	<1.0		50.0	57.2		ug/L		114	10 - 150	6	18
1,1-Dichloroethene	<1.0		50.0	62.8		ug/L		126	10 - 150	4	19
1,2,3-Trichlorobenzene	<1.0		50.0	43.0		ug/L		86	30 - 137	4	44
1,2,3-Trichloropropane	<5.0		50.0	46.4		ug/L		93	67 - 130	2	22
1,2,4-Trichlorobenzene	<1.0		50.0	41.4		ug/L		83	20 - 139	8	44
1,2,4-Trimethylbenzene	<1.0		50.0	40.2		ug/L		80	10 - 150	6	54
1,2-Dichlorobenzene	<1.0		50.0	44.2		ug/L		88	10 - 150	4	38
1,2-Dichloroethane	<1.0		50.0	65.8		ug/L		132	10 - 150	2	19
1,2-Dichloropropane	<1.0		50.0	55.4		ug/L		111	65 - 132	7	18
1,3,5-Trimethylbenzene	<1.0		50.0	41.2		ug/L		82	10 - 150	3	53
1,3-Dichlorobenzene	<1.0		50.0	42.4		ug/L		85	25 - 136	4	44
1,3-Dichloropropane	<1.0		50.0	49.4		ug/L		99	67 - 127	3	20
1,4-Dichlorobenzene	<1.0		50.0	41.2		ug/L		82	10 - 150	6	45
2,2-Dichloropropane	<1.0		50.0	59.6		ug/L		119	46 - 132	7	20
2-Chlorotoluene	<1.0		50.0	41.1		ug/L		82	10 - 150	4	47
4-Chlorotoluene	<1.0		50.0	40.2		ug/L		80	17 - 145	4	51
Benzene	<1.0		50.0	54.6		ug/L		109	10 - 150	4	19
Bromobenzene	<1.0		50.0	45.9		ug/L		92	38 - 135	1	35
Bromochloromethane	<1.0		50.0	60.6	F1	ug/L		121	75 - 120	2	17
Bromodichloromethane	<1.0		50.0	60.3		ug/L		121	61 - 133	5	19
Bromoform	<5.0		50.0	57.9		ug/L		116	54 - 125	3	19
Bromomethane	<1.0		50.0	58.9	F2	ug/L		118	10 - 150	35	24
Carbon tetrachloride	<1.0		50.0	64.6		ug/L		129	40 - 138	5	21
Chlorobenzene	<1.0		50.0	47.5		ug/L		95	10 - 150	1	30
Chloroethane	<1.0		50.0	67.1		ug/L		134	38 - 150	1	23
Chloroform	<1.0		50.0	59.1		ug/L		118	10 - 150	4	18
Chloromethane	<1.0		50.0	35.1		ug/L		70	26 - 150	8	23
cis-1,2-Dichloroethene	<1.0		50.0	56.3		ug/L		113	10 - 150	4	20
cis-1,3-Dichloropropene	<5.0		50.0	55.1		ug/L		110	52 - 130	2	20
Dibromochloromethane	<1.0		50.0	55.0		ug/L		110	50 - 130	2	21
Dibromomethane	<5.0		50.0	60.9		ug/L		122	69 - 123	3	18

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

Lab Sample ID: 400-94054-A-1 MSD
Matrix: Water
Analysis Batch: 225512

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	<1.0		50.0	43.4		ug/L		87	10 - 150	6	23
Ethylbenzene	<1.0		50.0	46.3		ug/L		93	10 - 150	1	40
Ethylene Dibromide	<1.0		50.0	50.7		ug/L		101	70 - 125	3	21
Hexachlorobutadiene	<5.0		50.0	39.0		ug/L		78	10 - 150	12	92
Isopropylbenzene	<1.0		50.0	46.6		ug/L		93	10 - 150	0	46
Methyl tert-butyl ether	<1.0		50.0	55.5		ug/L		111	10 - 150	3	18
Methylene Chloride	<5.0		50.0	54.8		ug/L		110	10 - 150	4	18
m-Xylene & p-Xylene	<5.0		50.0	46.2		ug/L		92	10 - 150	1	43
Naphthalene	<1.0		50.0	41.8		ug/L		84	10 - 150	2	53
n-Butylbenzene	<1.0		50.0	37.5		ug/L		75	10 - 150	10	76
N-Propylbenzene	<1.0		50.0	39.4		ug/L		79	10 - 150	2	57
o-Xylene	<5.0		50.0	48.2		ug/L		96	10 - 150	0	39
sec-Butylbenzene	<1.0		50.0	39.9		ug/L		80	10 - 150	3	64
Styrene	<1.0		50.0	49.5		ug/L		99	24 - 147	0	40
tert-Butylbenzene	<1.0		50.0	42.6		ug/L		85	10 - 150	2	54
Tetrachloroethene	<1.0		50.0	49.6		ug/L		99	10 - 150	2	35
Toluene	<1.0		50.0	47.5		ug/L		95	10 - 150	5	26
trans-1,2-Dichloroethene	<1.0		50.0	55.9		ug/L		112	66 - 126	5	19
trans-1,3-Dichloropropene	<5.0		50.0	51.0		ug/L		102	45 - 128	5	20
Trichloroethene	<1.0		50.0	58.4		ug/L		117	10 - 150	5	22
Trichlorofluoromethane	<1.0		50.0	63.5		ug/L		127	29 - 144	4	20
Vinyl chloride	<1.0		50.0	46.7		ug/L		93	46 - 136	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*78 - 118*
Dibromofluoromethane	*109*		*81 - 121*
Toluene-d8 (Surr)	*93*		*80 - 120*

Lab Sample ID: MB 400-225563/4
Matrix: Water
Analysis Batch: 225563

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/04/14 12:29	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/04/14 12:29	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/04/14 12:29	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			08/04/14 12:29	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/04/14 12:29	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/04/14 12:29	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			08/04/14 12:29	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			08/04/14 12:29	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			08/04/14 12:29	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			08/04/14 12:29	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			08/04/14 12:29	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/04/14 12:29	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/04/14 12:29	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			08/04/14 12:29	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			08/04/14 12:29	1

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

Lab Sample ID: MB 400-225563/4
Matrix: Water
Analysis Batch: 225563

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	<1.0		1.0		ug/L			08/04/14 12:29	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			08/04/14 12:29	1
2,2-Dichloropropane	<1.0		1.0		ug/L			08/04/14 12:29	1
2-Chlorotoluene	<1.0		1.0		ug/L			08/04/14 12:29	1
4-Chlorotoluene	<1.0		1.0		ug/L			08/04/14 12:29	1
Benzene	<1.0		1.0		ug/L			08/04/14 12:29	1
Bromobenzene	<1.0		1.0		ug/L			08/04/14 12:29	1
Bromochloromethane	<1.0		1.0		ug/L			08/04/14 12:29	1
Bromodichloromethane	<1.0		1.0		ug/L			08/04/14 12:29	1
Bromoform	<5.0		5.0		ug/L			08/04/14 12:29	1
Bromomethane	<1.0		1.0		ug/L			08/04/14 12:29	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/04/14 12:29	1
Chlorobenzene	<1.0		1.0		ug/L			08/04/14 12:29	1
Chloroethane	<1.0		1.0		ug/L			08/04/14 12:29	1
Chloroform	<1.0		1.0		ug/L			08/04/14 12:29	1
Chloromethane	<1.0		1.0		ug/L			08/04/14 12:29	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/04/14 12:29	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			08/04/14 12:29	1
Dibromochloromethane	<1.0		1.0		ug/L			08/04/14 12:29	1
Dibromomethane	<5.0		5.0		ug/L			08/04/14 12:29	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/04/14 12:29	1
Ethylbenzene	<1.0		1.0		ug/L			08/04/14 12:29	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/04/14 12:29	1
Hexachlorobutadiene	<5.0		5.0		ug/L			08/04/14 12:29	1
Isopropylbenzene	<1.0		1.0		ug/L			08/04/14 12:29	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			08/04/14 12:29	1
Methylene Chloride	<5.0		5.0		ug/L			08/04/14 12:29	1
m-Xylene & p-Xylene	<5.0		5.0		ug/L			08/04/14 12:29	1
Naphthalene	<1.0		1.0		ug/L			08/04/14 12:29	1
n-Butylbenzene	<1.0		1.0		ug/L			08/04/14 12:29	1
N-Propylbenzene	<1.0		1.0		ug/L			08/04/14 12:29	1
o-Xylene	<5.0		5.0		ug/L			08/04/14 12:29	1
p-Cymene	<1.0		1.0		ug/L			08/04/14 12:29	1
sec-Butylbenzene	<1.0		1.0		ug/L			08/04/14 12:29	1
Styrene	<1.0		1.0		ug/L			08/04/14 12:29	1
tert-Butylbenzene	<1.0		1.0		ug/L			08/04/14 12:29	1
Tetrachloroethene	<1.0		1.0		ug/L			08/04/14 12:29	1
Toluene	<1.0		1.0		ug/L			08/04/14 12:29	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/04/14 12:29	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			08/04/14 12:29	1
Trichloroethene	<1.0		1.0		ug/L			08/04/14 12:29	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/04/14 12:29	1
Vinyl chloride	<1.0		1.0		ug/L			08/04/14 12:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*78 - 118*		*08/04/14 12:29*	*1*
Dibromofluoromethane	*107*		*81 - 121*		*08/04/14 12:29*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/04/14 12:29*	*1*

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

Lab Sample ID: LCS 400-225563/1002
Matrix: Water
Analysis Batch: 225563

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	48.9		ug/L		98	66 - 126
1,1,1-Trichloroethane	50.0	52.5		ug/L		105	66 - 130
1,1,2,2-Tetrachloroethane	50.0	38.4		ug/L		77	68 - 132
1,1,2-Trichloroethane	50.0	44.2		ug/L		88	80 - 120
1,1-Dichloroethane	50.0	51.4		ug/L		103	75 - 126
1,1-Dichloroethene	50.0	51.6		ug/L		103	50 - 134
1,2,3-Trichlorobenzene	50.0	40.6		ug/L		81	62 - 130
1,2,3-Trichloropropane	50.0	38.4		ug/L		77	72 - 125
1,2,4-Trichlorobenzene	50.0	41.3		ug/L		83	69 - 128
1,2,4-Trimethylbenzene	50.0	40.6		ug/L		81	77 - 127
1,2-Dichlorobenzene	50.0	43.0		ug/L		86	80 - 121
1,2-Dichloroethane	50.0	55.1		ug/L		110	69 - 128
1,2-Dichloropropane	50.0	50.6		ug/L		101	77 - 126
1,3,5-Trimethylbenzene	50.0	41.4		ug/L		83	80 - 120
1,3-Dichlorobenzene	50.0	42.7		ug/L		85	77 - 124
1,3-Dichloropropane	50.0	44.8		ug/L		90	77 - 120
1,4-Dichlorobenzene	50.0	41.7		ug/L		83	79 - 120
2,2-Dichloropropane	50.0	50.5		ug/L		101	52 - 135
2-Chlorotoluene	50.0	42.3		ug/L		85	75 - 126
4-Chlorotoluene	50.0	41.4		ug/L		83	80 - 125
Benzene	50.0	49.3		ug/L		99	79 - 120
Bromobenzene	50.0	43.0		ug/L		86	80 - 121
Bromochloromethane	50.0	51.4		ug/L		103	80 - 120
Bromodichloromethane	50.0	53.2		ug/L		106	75 - 127
Bromoform	50.0	50.7		ug/L		101	65 - 121
Bromomethane	50.0	52.5		ug/L		105	10 - 150
Carbon tetrachloride	50.0	53.3		ug/L		107	46 - 141
Chlorobenzene	50.0	44.5		ug/L		89	80 - 120
Chloroethane	50.0	64.8		ug/L		130	37 - 150
Chloroform	50.0	50.9		ug/L		102	73 - 122
Chloromethane	50.0	43.0		ug/L		86	49 - 141
cis-1,2-Dichloroethene	50.0	50.1		ug/L		100	78 - 122
cis-1,3-Dichloropropene	50.0	52.1		ug/L		104	70 - 122
Dibromochloromethane	50.0	48.0		ug/L		96	63 - 125
Dibromomethane	50.0	52.8		ug/L		106	78 - 120
Dichlorodifluoromethane	50.0	64.2		ug/L		128	27 - 144
Ethylbenzene	50.0	45.7		ug/L		91	80 - 120
Ethylene Dibromide	50.0	43.1		ug/L		86	80 - 120
Hexachlorobutadiene	50.0	41.9		ug/L		84	35 - 150
Isopropylbenzene	50.0	45.7		ug/L		91	76 - 120
Methyl tert-butyl ether	50.0	49.6		ug/L		99	70 - 124
Methylene Chloride	50.0	47.5		ug/L		95	70 - 130
m-Xylene & p-Xylene	50.0	45.4		ug/L		91	70 - 130
Naphthalene	50.0	36.9		ug/L		74	45 - 131
n-Butylbenzene	50.0	42.8		ug/L		86	76 - 138
N-Propylbenzene	50.0	41.1		ug/L		82	75 - 128
o-Xylene	50.0	47.0		ug/L		94	70 - 130
sec-Butylbenzene	50.0	40.4		ug/L		81	78 - 128

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

Lab Sample ID: LCS 400-225563/1002
Matrix: Water
Analysis Batch: 225563

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	50.0	47.6		ug/L		95	79 - 124
tert-Butylbenzene	50.0	41.7		ug/L		83	80 - 120
Tetrachloroethene	50.0	44.5		ug/L		89	76 - 124
Toluene	50.0	43.9		ug/L		88	80 - 120
trans-1,2-Dichloroethene	50.0	50.1		ug/L		100	70 - 126
trans-1,3-Dichloropropene	50.0	46.5		ug/L		93	64 - 120
Trichloroethene	50.0	50.7		ug/L		101	77 - 120
Trichlorofluoromethane	50.0	55.9		ug/L		112	26 - 150
Vinyl chloride	50.0	52.5		ug/L		105	60 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*78 - 118*
Dibromofluoromethane	*109*		*81 - 121*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: 400-94084-A-1 MS
Matrix: Water
Analysis Batch: 225563

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<1.0		50.0	52.5		ug/L		105	42 - 135
1,1,1-Trichloroethane	<1.0		50.0	57.3		ug/L		115	60 - 131
1,1,2,2-Tetrachloroethane	<1.0		50.0	43.6		ug/L		87	52 - 148
1,1,2-Trichloroethane	<5.0		50.0	48.7		ug/L		97	68 - 127
1,1-Dichloroethane	<1.0		50.0	56.7		ug/L		113	10 - 150
1,1-Dichloroethene	<1.0		50.0	57.8		ug/L		116	10 - 150
1,2,3-Trichlorobenzene	<1.0		50.0	42.9		ug/L		86	30 - 137
1,2,3-Trichloropropane	<5.0		50.0	44.2		ug/L		88	67 - 130
1,2,4-Trichlorobenzene	<1.0		50.0	43.0		ug/L		86	20 - 139
1,2,4-Trimethylbenzene	<1.0		50.0	41.8		ug/L		84	10 - 150
1,2-Dichlorobenzene	<1.0		50.0	45.3		ug/L		91	10 - 150
1,2-Dichloroethane	<1.0		50.0	61.9		ug/L		124	10 - 150
1,2-Dichloropropane	<1.0		50.0	55.5		ug/L		111	65 - 132
1,3,5-Trimethylbenzene	<1.0		50.0	42.5		ug/L		85	10 - 150
1,3-Dichlorobenzene	<1.0		50.0	44.2		ug/L		88	25 - 136
1,3-Dichloropropane	<1.0		50.0	49.5		ug/L		99	67 - 127
1,4-Dichlorobenzene	<1.0		50.0	43.2		ug/L		86	10 - 150
2,2-Dichloropropane	<1.0		50.0	55.9		ug/L		112	46 - 132
2-Chlorotoluene	<1.0		50.0	43.4		ug/L		87	10 - 150
4-Chlorotoluene	<1.0		50.0	43.0		ug/L		86	17 - 145
Benzene	<1.0		50.0	54.7		ug/L		109	10 - 150
Bromobenzene	<1.0		50.0	46.2		ug/L		92	38 - 135
Bromochloromethane	<1.0		50.0	57.5		ug/L		115	75 - 120
Bromodichloromethane	<1.0		50.0	58.4		ug/L		117	61 - 133
Bromoform	<5.0		50.0	55.0		ug/L		110	54 - 125
Bromomethane	<1.0		50.0	53.8		ug/L		108	10 - 150
Carbon tetrachloride	<1.0		50.0	58.1		ug/L		116	40 - 138
Chlorobenzene	<1.0		50.0	47.1		ug/L		94	10 - 150

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

Lab Sample ID: 400-94084-A-1 MS
Matrix: Water
Analysis Batch: 225563

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	<1.0		50.0	65.1		ug/L		130	38 - 150
Chloroform	<1.0		50.0	56.8		ug/L		114	10 - 150
Chloromethane	<1.0		50.0	44.7		ug/L		89	26 - 150
cis-1,2-Dichloroethene	<1.0		50.0	54.6		ug/L		109	10 - 150
cis-1,3-Dichloropropene	<5.0		50.0	56.2		ug/L		112	52 - 130
Dibromochloromethane	<1.0		50.0	53.1		ug/L		106	50 - 130
Dibromomethane	<5.0		50.0	59.1		ug/L		118	69 - 123
Dichlorodifluoromethane	<1.0		50.0	66.1		ug/L		132	10 - 150
Ethylbenzene	<1.0		50.0	47.7		ug/L		95	10 - 150
Ethylene Dibromide	<1.0		50.0	47.9		ug/L		96	70 - 125
Hexachlorobutadiene	<5.0		50.0	40.3		ug/L		81	10 - 150
Isopropylbenzene	<1.0		50.0	46.6		ug/L		93	10 - 150
Methyl tert-butyl ether	<1.0		50.0	54.8		ug/L		110	10 - 150
Methylene Chloride	<5.0		50.0	53.5		ug/L		107	10 - 150
m-Xylene & p-Xylene	<5.0		50.0	47.4		ug/L		95	10 - 150
Naphthalene	<1.0		50.0	41.0		ug/L		82	10 - 150
n-Butylbenzene	<1.0		50.0	40.6		ug/L		81	10 - 150
N-Propylbenzene	<1.0		50.0	41.7		ug/L		83	10 - 150
o-Xylene	<5.0		50.0	49.4		ug/L		99	10 - 150
sec-Butylbenzene	<1.0		50.0	41.1		ug/L		82	10 - 150
Styrene	<1.0		50.0	50.1		ug/L		100	24 - 147
tert-Butylbenzene	<1.0		50.0	43.5		ug/L		87	10 - 150
Tetrachloroethene	<1.0		50.0	46.8		ug/L		94	10 - 150
Toluene	<1.0		50.0	47.8		ug/L		96	10 - 150
trans-1,2-Dichloroethene	<1.0		50.0	54.7		ug/L		109	66 - 126
trans-1,3-Dichloropropene	<5.0		50.0	50.9		ug/L		102	45 - 128
Trichloroethene	<1.0		50.0	55.2		ug/L		110	10 - 150
Trichlorofluoromethane	<1.0		50.0	56.8		ug/L		114	29 - 144
Vinyl chloride	<1.0		50.0	53.9		ug/L		108	46 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*78 - 118*
Dibromofluoromethane	*108*		*81 - 121*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: 400-94084-A-1 MSD
Matrix: Water
Analysis Batch: 225563

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<1.0		50.0	50.7		ug/L		101	42 - 135	3	23
1,1,1-Trichloroethane	<1.0		50.0	54.7		ug/L		109	60 - 131	5	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	41.9		ug/L		84	52 - 148	4	20
1,1,2-Trichloroethane	<5.0		50.0	47.5		ug/L		95	68 - 127	3	19
1,1-Dichloroethane	<1.0		50.0	54.1		ug/L		108	10 - 150	5	18
1,1-Dichloroethene	<1.0		50.0	55.1		ug/L		110	10 - 150	5	19
1,2,3-Trichlorobenzene	<1.0		50.0	38.9		ug/L		78	30 - 137	10	44
1,2,3-Trichloropropane	<5.0		50.0	43.4		ug/L		87	67 - 130	2	22

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

Lab Sample ID: 400-94084-A-1 MSD
Matrix: Water
Analysis Batch: 225563

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	<1.0		50.0	37.1		ug/L		74	20 - 139	15	44
1,2,4-Trimethylbenzene	<1.0		50.0	38.5		ug/L		77	10 - 150	8	54
1,2-Dichlorobenzene	<1.0		50.0	41.7		ug/L		83	10 - 150	8	38
1,2-Dichloroethane	<1.0		50.0	59.7		ug/L		119	10 - 150	4	19
1,2-Dichloropropane	<1.0		50.0	53.4		ug/L		107	65 - 132	4	18
1,3,5-Trimethylbenzene	<1.0		50.0	39.4		ug/L		79	10 - 150	8	53
1,3-Dichlorobenzene	<1.0		50.0	40.4		ug/L		81	25 - 136	9	44
1,3-Dichloropropane	<1.0		50.0	48.1		ug/L		96	67 - 127	3	20
1,4-Dichlorobenzene	<1.0		50.0	39.2		ug/L		78	10 - 150	10	45
2,2-Dichloropropane	<1.0		50.0	53.0		ug/L		106	46 - 132	5	20
2-Chlorotoluene	<1.0		50.0	40.1		ug/L		80	10 - 150	8	47
4-Chlorotoluene	<1.0		50.0	39.8		ug/L		80	17 - 145	8	51
Benzene	<1.0		50.0	52.1		ug/L		104	10 - 150	5	19
Bromobenzene	<1.0		50.0	42.6		ug/L		85	38 - 135	8	35
Bromochloromethane	<1.0		50.0	54.6		ug/L		109	75 - 120	5	17
Bromodichloromethane	<1.0		50.0	54.7		ug/L		109	61 - 133	7	19
Bromoform	<5.0		50.0	53.4		ug/L		107	54 - 125	3	19
Bromomethane	<1.0		50.0	60.3		ug/L		121	10 - 150	11	24
Carbon tetrachloride	<1.0		50.0	54.9		ug/L		110	40 - 138	6	21
Chlorobenzene	<1.0		50.0	45.3		ug/L		91	10 - 150	4	30
Chloroethane	<1.0		50.0	66.3		ug/L		133	38 - 150	2	23
Chloroform	<1.0		50.0	53.8		ug/L		108	10 - 150	5	18
Chloromethane	<1.0		50.0	45.9		ug/L		92	26 - 150	3	23
cis-1,2-Dichloroethene	<1.0		50.0	52.2		ug/L		104	10 - 150	5	20
cis-1,3-Dichloropropene	<5.0		50.0	54.2		ug/L		108	52 - 130	4	20
Dibromochloromethane	<1.0		50.0	50.8		ug/L		102	50 - 130	4	21
Dibromomethane	<5.0		50.0	57.2		ug/L		114	69 - 123	3	18
Dichlorodifluoromethane	<1.0		50.0	68.1		ug/L		136	10 - 150	3	23
Ethylbenzene	<1.0		50.0	46.1		ug/L		92	10 - 150	3	40
Ethylene Dibromide	<1.0		50.0	46.8		ug/L		94	70 - 125	2	21
Hexachlorobutadiene	<5.0		50.0	36.7		ug/L		73	10 - 150	9	92
Isopropylbenzene	<1.0		50.0	45.5		ug/L		91	10 - 150	2	46
Methyl tert-butyl ether	<1.0		50.0	53.4		ug/L		107	10 - 150	3	18
Methylene Chloride	<5.0		50.0	50.7		ug/L		101	10 - 150	5	18
m-Xylene & p-Xylene	<5.0		50.0	45.7		ug/L		91	10 - 150	4	43
Naphthalene	<1.0		50.0	40.1		ug/L		80	10 - 150	2	53
n-Butylbenzene	<1.0		50.0	38.5		ug/L		77	10 - 150	5	76
N-Propylbenzene	<1.0		50.0	39.0		ug/L		78	10 - 150	7	57
o-Xylene	<5.0		50.0	47.4		ug/L		95	10 - 150	4	39
sec-Butylbenzene	<1.0		50.0	38.8		ug/L		78	10 - 150	6	64
Styrene	<1.0		50.0	47.8		ug/L		96	24 - 147	5	40
tert-Butylbenzene	<1.0		50.0	40.9		ug/L		82	10 - 150	6	54
Tetrachloroethene	<1.0		50.0	45.0		ug/L		90	10 - 150	4	35
Toluene	<1.0		50.0	45.8		ug/L		92	10 - 150	4	26
trans-1,2-Dichloroethene	<1.0		50.0	52.3		ug/L		105	66 - 126	5	19
trans-1,3-Dichloropropene	<5.0		50.0	49.1		ug/L		98	45 - 128	4	20
Trichloroethene	<1.0		50.0	52.9		ug/L		106	10 - 150	4	22
Trichlorofluoromethane	<1.0		50.0	57.7		ug/L		115	29 - 144	2	20

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

Lab Sample ID: 400-94084-A-1 MSD
Matrix: Water
Analysis Batch: 225563

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vinyl chloride	<1.0		50.0	55.5		ug/L		111	46 - 136	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*78 - 118*
Dibromofluoromethane	*109*		*81 - 121*
Toluene-d8 (Surr)	*95*		*80 - 120*

Method: 8021B/8015C - Volatiles & GRO

Lab Sample ID: MB 400-225618/4
Matrix: Water
Analysis Batch: 225618

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<100		100		ug/L			08/04/14 12:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*88*		*78 - 119*		*08/04/14 12:55*	*1*

Lab Sample ID: LCS 400-225618/1003
Matrix: Water
Analysis Batch: 225618

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C6-C10	1000	961		ug/L		96	85 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*90*		*78 - 119*

Lab Sample ID: 400-94071-12 MS
Matrix: Water
Analysis Batch: 225618

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C6-C10	<100		1000	1180		ug/L		118	35 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*90*		*78 - 119*

Method: 8021B/8015C - Volatiles & GRO (Continued)

Lab Sample ID: 400-94071-12 MSD
Matrix: Water
Analysis Batch: 225618

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C6-C10	<100		1000	1170		ug/L		117	35 - 150	1	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*90*		*78 - 119*

Lab Sample ID: MB 400-225733/3
Matrix: Water
Analysis Batch: 225733

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			08/05/14 14:21	1
Toluene	<5.0		5.0		ug/L			08/05/14 14:21	1
Ethylbenzene	<1.0		1.0		ug/L			08/05/14 14:21	1
Xylenes, Total	<5.0		5.0		ug/L			08/05/14 14:21	1
Methyl tert-butyl ether	<2.0		2.0		ug/L			08/05/14 14:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*100*		*78 - 124*		*08/05/14 14:21*	*1*

Lab Sample ID: LCS 400-225733/1002
Matrix: Water
Analysis Batch: 225733

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	49.4		ug/L		99	85 - 115
Toluene	50.0	51.3		ug/L		103	85 - 115
Ethylbenzene	50.0	52.3		ug/L		105	85 - 115
Xylenes, Total	150	152		ug/L		101	85 - 115
Methyl tert-butyl ether	100	94.0		ug/L		94	85 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*101*		*78 - 124*

Lab Sample ID: 400-94071-12 MS
Matrix: Water
Analysis Batch: 225733

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<1.0		50.0	47.0		ug/L		94	44 - 150
Toluene	<5.0		50.0	48.1		ug/L		96	69 - 136
Ethylbenzene	<1.0		50.0	48.6		ug/L		97	70 - 142
Xylenes, Total	<5.0		150	144		ug/L		96	68 - 142
Methyl tert-butyl ether	<2.0		100	92.0		ug/L		92	10 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*101*		*78 - 124*

Method: 8021B/8015C - Volatiles & GRO (Continued)

Lab Sample ID: 400-94071-12 MSD
Matrix: Water
Analysis Batch: 225733

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<1.0		50.0	47.3		ug/L		95	44 - 150	1	16
Toluene	<5.0		50.0	48.6		ug/L		97	69 - 136	1	16
Ethylbenzene	<1.0		50.0	48.7		ug/L		97	70 - 142	0	16
Xylenes, Total	<5.0		150	145		ug/L		97	68 - 142	1	15
Methyl tert-butyl ether	<2.0		100	92.5		ug/L		92	10 - 150	0	13

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*102*		*78 - 124*

Lab Chronicle

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-1

Date Collected: 07/30/14 10:30
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	225563	08/04/14 13:17	CLN	TAL PEN

Client Sample ID: W-2

Date Collected: 07/30/14 12:05
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	225512	08/02/14 14:18	WPD	TAL PEN

Client Sample ID: W-3

Date Collected: 07/30/14 12:15
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	225512	08/02/14 14:44	WPD	TAL PEN

Client Sample ID: W-4

Date Collected: 07/30/14 11:55
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	225512	08/02/14 15:10	WPD	TAL PEN

Client Sample ID: W-5

Date Collected: 07/30/14 11:45
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	225512	08/02/14 15:36	WPD	TAL PEN

Client Sample ID: W-6

Date Collected: 07/30/14 11:00
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	225512	08/02/14 16:02	WPD	TAL PEN

Lab Chronicle

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: W-7

Date Collected: 07/30/14 11:30
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	225512	08/02/14 16:28	WPD	TAL PEN

Client Sample ID: MW-1

Date Collected: 07/30/14 11:50
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B/8015C		5	5 mL	5 mL	225733	08/05/14 22:55	GRK	TAL PEN
Total/NA	Analysis	8021B/8015C		5	5 mL	5 mL	225618	08/04/14 15:07	GRK	TAL PEN

Client Sample ID: MW-2

Date Collected: 07/30/14 12:55
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B/8015C		1000	5 mL	5 mL	225733	08/06/14 11:50	GRK	TAL PEN
Total/NA	Analysis	8021B/8015C		250	5 mL	5 mL	225618	08/04/14 15:40	GRK	TAL PEN

Client Sample ID: MW-3

Date Collected: 07/30/14 13:30
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B/8015C		50	5 mL	5 mL	225733	08/06/14 03:11	GRK	TAL PEN
Total/NA	Analysis	8021B/8015C		100	5 mL	5 mL	225618	08/04/14 16:13	GRK	TAL PEN

Client Sample ID: MW-4

Date Collected: 07/30/14 12:25
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B/8015C		10	5 mL	5 mL	225733	08/06/14 05:19	GRK	TAL PEN
Total/NA	Analysis	8021B/8015C		20	5 mL	5 mL	225618	08/04/14 16:47	GRK	TAL PEN

Client Sample ID: MW-5

Date Collected: 07/30/14 12:35
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B/8015C		1	5 mL	5 mL	225733	08/05/14 15:25	GRK	TAL PEN
Total/NA	Analysis	8021B/8015C		1	5 mL	5 mL	225618	08/04/14 13:28	GRK	TAL PEN

Lab Chronicle

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Client Sample ID: MW-6

Date Collected: 07/30/14 12:45
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B/8015C		2	5 mL	5 mL	225733	08/05/14 18:38	GRK	TAL PEN
Total/NA	Analysis	8021B/8015C		2	5 mL	5 mL	225618	08/04/14 17:20	GRK	TAL PEN

Client Sample ID: MW-7

Date Collected: 07/30/14 13:15
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B/8015C		2	5 mL	5 mL	225733	08/05/14 19:43	GRK	TAL PEN
Total/NA	Analysis	8021B/8015C		2	5 mL	5 mL	225618	08/04/14 19:32	GRK	TAL PEN

Client Sample ID: MW-9

Date Collected: 07/30/14 11:30
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B/8015C		2	5 mL	5 mL	225733	08/05/14 20:47	GRK	TAL PEN
Total/NA	Analysis	8021B/8015C		2	5 mL	5 mL	225618	08/04/14 20:06	GRK	TAL PEN

Client Sample ID: RW-1

Date Collected: 07/30/14 13:00
Date Received: 08/01/14 09:19

Lab Sample ID: 400-94071-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B/8015C		250	5 mL	5 mL	225733	08/06/14 10:46	GRK	TAL PEN
Total/NA	Analysis	8021B/8015C		200	5 mL	5 mL	225618	08/04/14 20:39	GRK	TAL PEN

Laboratory References:

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

Certification Summary

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Laboratory: TestAmerica Pensacola

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40150	06-30-15
Arizona	State Program	9	AZ0710	01-11-15
Arkansas DEQ	State Program	6	88-0689	09-01-14
Florida	NELAP	4	E81010	06-30-15
Georgia	State Program	4	N/A	06-30-15
Illinois	NELAP	5	200041	10-09-14
Kansas	NELAP	7	E-10253	10-31-14
Kentucky (UST)	State Program	4	53	06-30-14 *
Louisiana	NELAP	6	30976	06-30-15
Maryland	State Program	3	233	09-30-14
Massachusetts	State Program	1	M-FL094	06-30-15
Michigan	State Program	5	9912	06-30-14 *
New Jersey	NELAP	2	FL006	06-30-15
North Carolina (WW/SW)	State Program	4	314	12-31-14
Oklahoma	State Program	6	9810	08-31-14
Pennsylvania	NELAP	3	68-00467	01-31-15
Rhode Island	State Program	1	LAO00307	12-30-14
South Carolina	State Program	4	96026	06-30-14 *
Tennessee	State Program	4	TN02907	06-30-15
Texas	NELAP	6	T104704286-12-5	09-30-14
USDA	Federal		P330-13-00193	07-01-16
Virginia	NELAP	3	460166	06-14-15
West Virginia DEP	State Program	3	136	06-30-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: McCallum Testing Laboratories, Inc
Project/Site: Sunny Side /Former Snow Hill Zone

TestAmerica Job ID: 400-94071-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
8021B/8015C	Volatiles & GRO	SW846	TAL PEN

Protocol References:

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

Laboratory References:

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

TestAmerica ~~Pittsburgh~~ Pensacola

301 Alpha Drive

Pittsburgh, PA 15238
Phone: 412.963.7858 Fax: 412.963.2478

Ch[illegible] ody Record

004644

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ 100-94071 COC ☐ Other: VA DEQ

Client Contact	Project Manager: Charlotte Ehlert	Site Contact:	Date:	COC No: 1
Company Name: McCallum Testing Labs	Tel/Fax: charlotte@mccallumtesting.com	Lab Contact: Mary Edwards	Carrier:	1 of 2 COCs
Address: 1808 Hayment Ave	Analysis Turnaround Time			Sampler:
City/State/Zip: Chesapeake VA 23320	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (757) 420-2520	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: Sunnyside / Former Snow Hill Zoom	☒ 1 week			Job / SDG No.:
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TPH GRO	BTEX	MTBE	VOCs	Sample Specific Notes:
W-1	7-30-14	1030	G	Water	3	N					X	
W-2		1205										
W-3		1215										
W-4		1155										
W-5		1145										
W-6		1100										
W-7		1130										
MW-1	7-30-14	1150	G					X	X	X		
MW-2		1255										
MW-3		1330										
MW-4		1225										
MW-5		1235										

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☒ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

IR 6 0.9°C

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	McCallum	7/31/14 1010	[signature]	TA	7/31/14 1010
Relinquished by: [signature]	Company: TA	Date/Time: 7/31/14	Received by:	Company:	Date/Time:
Relinquished by: [signature]	Company:	Date/Time: 1121	Received in Laboratory by: [signature]	Company: TA	Date/Time: 8/1/14 0919

TestAmerica ~~Pittsburgh~~ Pensacola
301 Alpha Drive

Pittsburgh, PA 15238
Phone: 412.963.7058 Fax: 412.963.2470

Chain of Custody Record

008854

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: VA DEQ

Client Contact	Project Manager: Charlotte Chilton	Site Contact:	Date:	COC No: 2
Company Name: McCallum Testing	Tel/Fax: charlotte@mccallumtesting	Lab Contact: Mary Edwards	Carrier:	2 of 2 COCs
Address: 1808 Hayward Ave	Analysis Turnaround Time			Sampler:
City/State/Zip: Chesapeake VA 23320	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (757) 420-2520	TAT if different from Below			Walk-in Client:
Fax: (757) 424-2874	☐ 2 weeks			Lab Sampling:
Project Name: Sunnyside / Snow Hill Tract	☒ 1 week			
Site:	☐ 2 days			Job / SDG No.:
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TPH GRO ~~BTEX~~ ~~MTBE~~	Sample Specific Notes:
MW-6	7-30-14	1245	G	water	3	N		X	
MW-7	↓	1315	↓	↓	↓	↓		↓	
MW-9		1130							
RW-1		1300							

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Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☒ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

ER 6 0.9°C

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:	Corr'd:	Therm ID No.:
Relinquished by:	Company: McCallum	Date/Time: 7/31/14 1400	Received by:	Company: TA	Date/Time: 7/31/14 1016
Relinquished by:	Company: TA	Date/Time: 7/31/14	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time: 1121	Received in Laboratory by:	Company: TA	Date/Time: 8/1/14 0919

Login Sample Receipt Checklist

Client: McCallum Testing Laboratories, Inc

Job Number: 400-94071-1

Login Number: 94071
List Number: 1
Creator: Meade, Chris J

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.9°C IR6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	