



*Civil Engineering
Surveying
Land Planning
Environmental
Municipal Services*

April 19, 2016

Wayne Mizerak
New York State Dept. of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, New York 12233-7014

Re: **1st Quarter 2016 Groundwater Monitoring Report;**
Apple Valley Shopping Center Superfund Site, LaGrange, New York
Index No. II-CERCLA-10224
NYSEC Site #3-14-084
PVE Sheffler File #560537

Dear Mr. Mizerak:

In March 2016, PVE Sheffler, LLC, continued groundwater monitoring activities at the Apple Valley Shopping Center (Figure 1) in accordance with the NYSDEC-approved Interim Remedial Measure (IRM) work plan dated July 2, 2004.

QUARTERLY GROUNDWATER MONITORING

As discussed with NYSDEC, PVE Sheffler was responsible, only, for sampling the air stripper effluent and residential supply well for the first quarter of the 2016 calendar year.

Recovery Well Sampling

Air stripper effluent samples were collected from the treated-water discharge pipe on March 29, 2016. Samples were labeled, packed on ice, and shipped via overnight delivery for analysis of volatile organic compounds (VOCs) via USEPA Method 524.2.

Residential Supply Well Sampling

The original IRM Work Plan specifies collection and analysis of samples from supply wells for seven residences of the Woodbridge Estates Subdivision (Figure 3) on a semi-annual basis, assuming access is granted. All but Lot 6 have subsequently been removed from the monitoring program through approved amendments. Despite availability of public water, Lot 6 has not connected to the municipal water supply system.

PVE Sheffler contacted the owner of this remaining sampling location and coordinated access. Samples were collected from the supply well at Lot 6 on March 29, 2016.



Supply well samples were collected via in-line sample ports or spigots prior to water softening. Water was allowed to run at a tap for at least ten minutes prior to sampling. The sample was collected from a spigot at the pressure tank, prior to the water softener (no GAC filtration system is present). Samples were labeled, packed on ice, and shipped via courier for analysis of VOCs using USEPA Method 524.2.

RESULTS

Recovery Wells

The total concentration of Contaminants of Concern (COC) are summarized in Table 1, and includes the following analytes: Tetrachloroethene (PCE); trichloroethene (TCE); cis-1,2-dichloroethene (cis-DCE); and vinyl chloride. The total COC for AVS-EFF was non-detect. Analytical reports are attached. Based on the mass loading and measured effluent concentrations of the COC, the air stripper was performing at 100% removal efficiency for COC.

Residential Supply Wells

Total COC concentrations for the August 11, 2015 untreated sample at Lot 6 was 2.00 µg/l. Results for COCs are summarized in Table 2. Analytical reports are attached.

DISCUSSION

The March 2016 groundwater data indicates the total COC concentrations being discharged from the air stripper as non-detect.

Despite availability of public water, Lot 6 has not connected to the municipal water supply system. COC concentrations in the residential supply well remained below New York State Department of Health drinking water standards with respect to the analytes tested. Even though public drinking water standards do not govern private water supplies, they are used as guidance values.

The next round of quarterly groundwater monitoring is scheduled for June 2016. If you have any questions, please do not hesitate to contact me.

Sincerely,

PVE SHEFFLER, LLC

A handwritten signature in black ink, appearing to read "Chris B. Brown".

Christopher B. Brown, CPG
Principal/Senior Hydrogeologist

CBB/tla

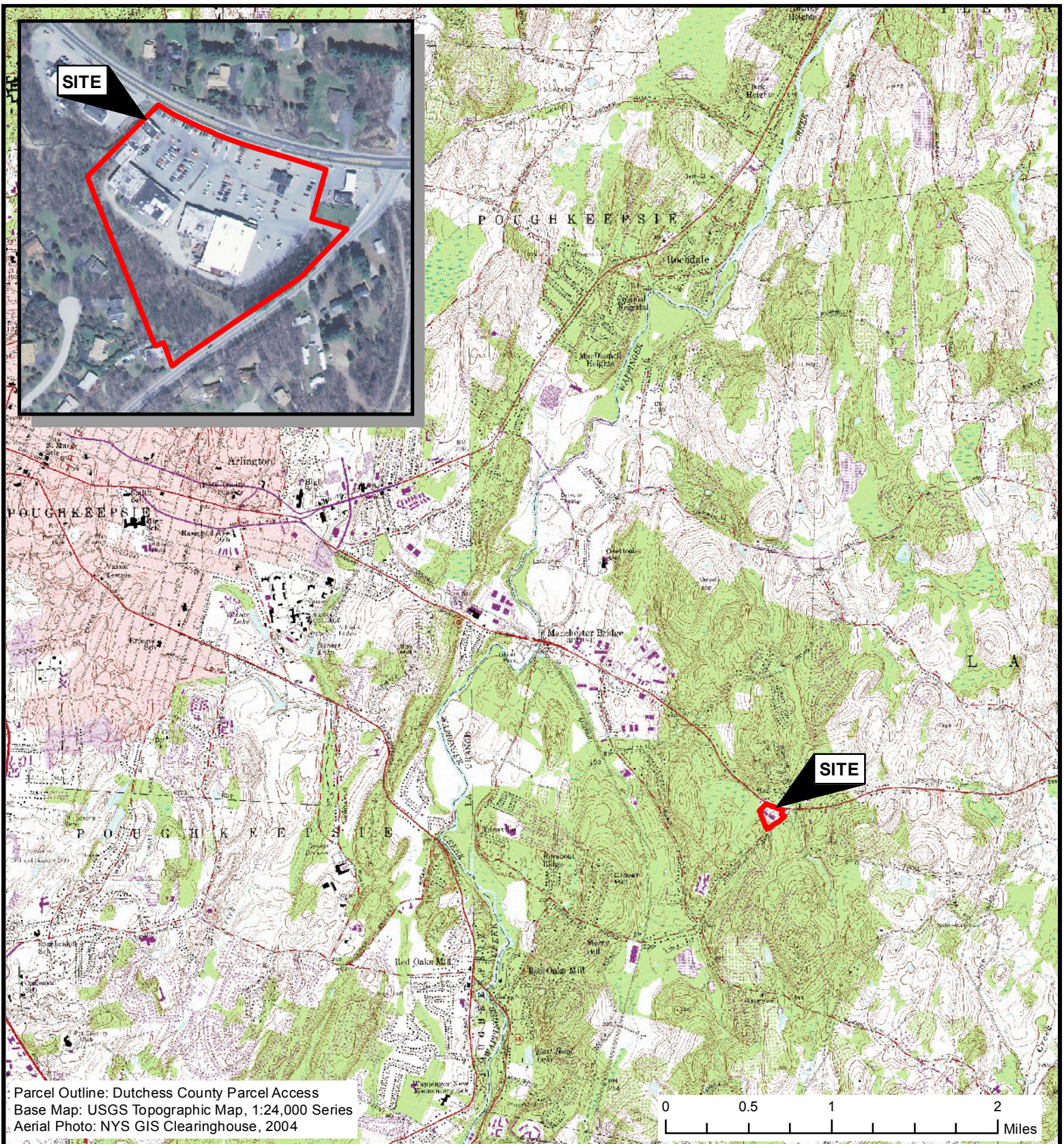
Attachments

Apple Valley Shopping Center
1st Quarter 2016 Groundwater Monitoring
April 13, 2016
File #560537



cc: James A. Klein, Apple Valley
David Engel, Esq.
Mark Millspaugh, Sterling Environmental
Steven Bates, NYSDOH (electronic only)
Fay S. Navratil, NYSDOH
George Heitzman, NYSDEC (electronic only)
D. MacDougal
Gezahegne Bushra, EPA

FIGURES



SITE LOCATION MAP

APPLE VALLEY SHOPPING CENTER
 FREEDOM PLAINS ROAD
 TOWN OF LAGRANGE, DUTCHESS COUNTY, NEW YORK



One Civic Center Plaza
 Suite 501
 Poughkeepsie, New York 12601
 Phone: (845) 454-2544
 Fax: (845) 454-2655

FIGURE 1



DATE:	01/17/2012
SCALE:	As Indicated
PROJECT NUMBER:	160537

ALL LOCATIONS APPROXIMATE

Legend

-  Monitoring Well
-  Recovery Well
-  Road
-  Building Outline
-  Tax Parcel Outline



DATA SOURCES

Tax Parcel Outlines: Dutchess County Real Property
Tax Service Agency, 2007
Roads: NYS ITS GIS Program Office, 2014
Aerial Image: NYS ITS GIS Program Office, 2013

0 25 50 100
Feet



SELECTED SITE FEATURES

APPLE VALLEY SHOPPING CENTER
FREEDOM PLAINS ROAD, TOWN OF LAGRANGE
DUTCHESS COUNTY, NEW YORK

48 Springside Avenue
Poughkeepsie, New York 12603
Phone: (845) 454-2544
Fax: (845) 454-2655

FIGURE 2

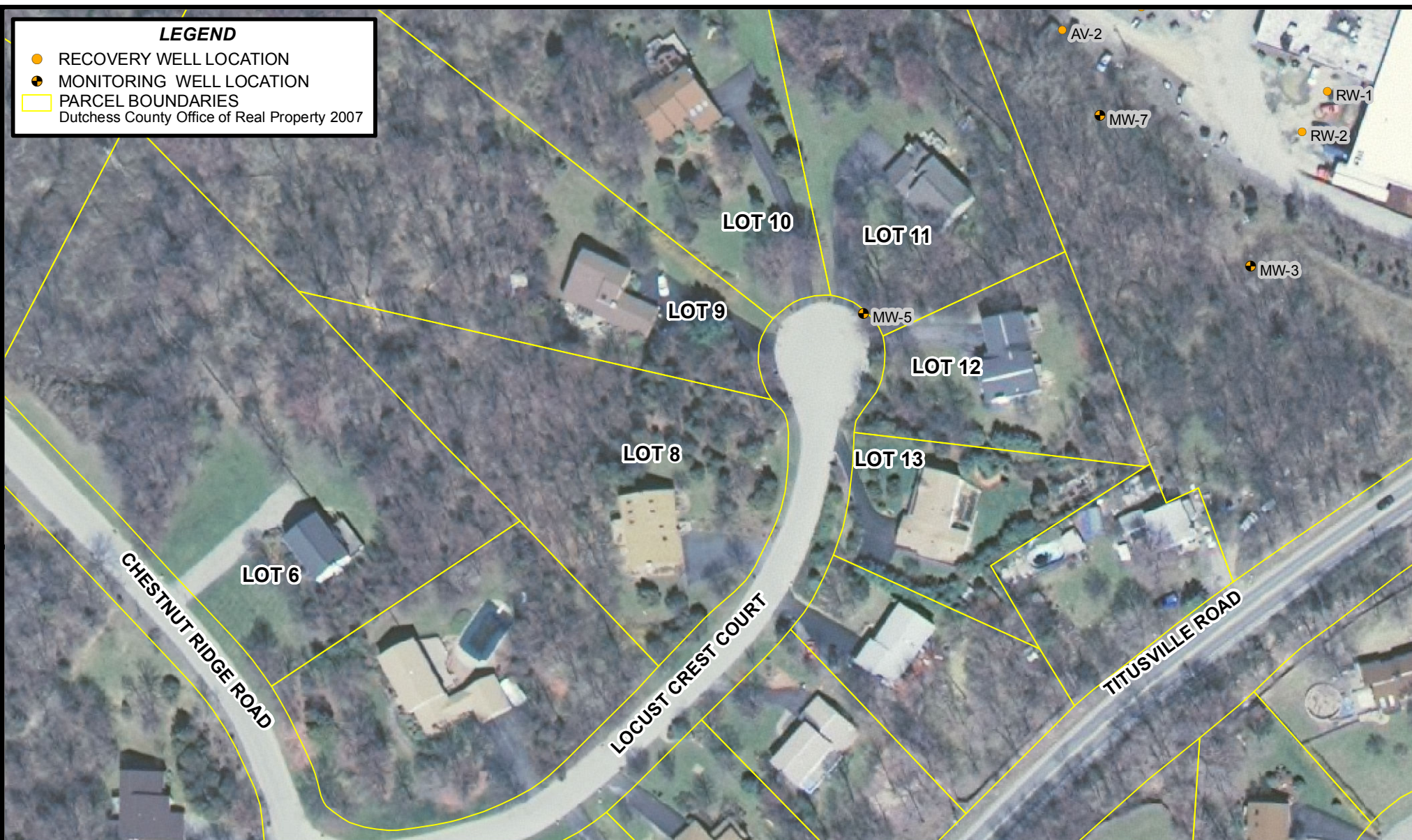


DATE:	01/20/2016
SCALE:	As Indicated
PROJECT NUMBER:	560537

ALL LOCATIONS APPROXIMATE

LEGEND

- RECOVERY WELL LOCATION
 - MONITORING WELL LOCATION
 - PARCEL BOUNDARIES
- Dutchess County Office of Real Property 2007



Parcel Outline: Dutchess County Parcel Access

Aerial Photo: NYS GIS Clearinghouse, 2004

RESIDENTIAL LOCATION MAP APPLE VALLEY SHOPPING CENTER FREEDOM PLAINS ROAD TOWN OF LAGRANGE, DUTCHESS COUNTY, NEW YORK



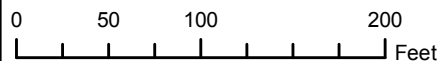
One Civic Center Plaza
Suite 501
Poughkeepsie, New York 12601
Phone: (845) 454-2544
Fax: (845) 454-2655

FIGURE 3



DATE:	12/13/2012
SCALE:	As Indicated
PROJECT NUMBER:	160537

ALL LOCATIONS APPROXIMATE



TABLES

Table 1. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected **January 2006 through April 2016;**
Apple Valley Shopping Center, LaGrange, New York;
PVE Sheffler File #560537

Sample ID	Dates Sampled	Tetrachloroethene (5 µg/l ¹)	Trichloroethene (5 µg/l ¹)	Chemical Constituent cis-1,2-Dichloroethene (5 µg/l ¹)	Vinyl Chloride (2 µg/l ¹)	Total COC
RW-1	2/9/2006	2,850	119	53.6	ND < 10	3,022.60
RW-1	3/9/2006	412	19.9	13.6	ND < 1.0	445.5
RW-1	5/16/2006	394	21	19	ND < 1.0	434
RW-1	8/22/2006	583	6.4	8.6 M	ND < 2.5	598
RW-1	11/28/2006	265	7.7	10	ND < 1.0	282.7
RW-1	12/11/2006	217	6.9	9.4	ND < 2.5	233.3
RW-1	3/1/2007	591	7.4	5.4	ND < 2.5	603.8
RW-1	5/29/2007	298	8.4	ND < 1.0	ND < 1.0	306.4
RW-1	8/28/2007	763	9.1	5.2	ND < 5.0	777.3
RW-1	11/28/2007	606	7.8	7.4	ND < 2.5	621.2
RW-1	2/28/2008	1,400	14	18.4	ND < 10	1,432.40
RW-1	5/27/2008	1,170	45	102	ND<10	1,317
RW-1	9/9/2008	925	20.9	18.5	ND<5.0	964.4
RW-1	11/25/2008	3,090	ND<50.0	ND<50.0	ND<50.0	3,090
RW-1	3/5/2009	500	15.2	ND<10	ND<10 S	515.2
RW-1	5/27/2009	412	17.8	ND<10	ND<10	429.8
RW-1	8/25/2009	134	10	5.2	ND<5.0	149.2
RW-1	12/8/2009	264	11.4	ND<5	ND<5	275.4
RW-1	2/17/2010	271	7.1	3.2	ND<0.5	281.3
RW-1	5/27/2010	93.7	5.7	ND<5	ND<5 M	99.4
RW-1	8/25/2010	310	26.5	27.4	ND<5.0	363.9
RW-1	11/23/2010	15.5	0.6	ND<0.5	ND<0.5	16.1
RW-1	2/28/2011	260	ND<10	ND<10	ND<10 S	260
RW-1	6/1/2011	203	12.8	ND<10	ND<10	215.8
RW-1	9/16/2011	131	9	5.5	ND<5.0	145.5
RW-1	12/5/2011	87	8.8	5.2	ND<2.5	101
RW-1	3/29/2012	303	17.2	7.8 S	ND<5.0 S	328
RW-1	6/26/2012	92.6	10	ND<5	ND<5.0	102.6
RW-1	8/30/2012	87.4	5.5	ND<5.0	ND<5.0	92.9
RW-1	12/20/2012	155	6.5	ND<2.5	ND<2.5	161.5
RW-1	3/13/2013	220	7.5	3.7	ND<0.5	231.2
RW-1	5/28/2013	260	8.5	3.9	ND<0.5	272.4
RW-1	8/28/2013	100	E 8.9	4.1	ND<0.5	113
RW-1	11/19/2013	140	D 5.6	ND<0.50	ND<0.50	145.6
RW-1	3/20/2014	110	D 5.9	2.5	ND<0.50	118.4
RW-1	5/23/2014	120	D 7.5	3.3	ND<0.5	130.8
RW-1	9/10/2014	150	E 7	3	ND<0.5	160
RW-1	5/18/2015	170	D 6	8	ND<0.5	184
RW-1	11/24/2015	1,200	15	8	ND<0.5	1223
RW-2	2/9/2006	7,860	132	148	ND < 25	8,140
RW-2	3/9/2006	2,960	24.8	20.8	ND < 10	3,005.60
RW-2	5/16/2006	1,800	12.2	20.1	ND < 5.0	1,832.30
RW-2	8/22/2006	14,100	76	177 M	ND < 50.0	14,353
RW-2	11/28/2006	3,340	ND < 25.0	25.5	ND < 25.0	3,365.50
RW-2	12/11/2006	1,190	10.9	22.1	ND < 5.0	1,223
RW-2	3/1/2007	5,100	ND < 50.0	ND < 50.0	ND < 50.0	5,100
RW-2	5/29/2007	1,080	16.6	ND < 10.0	ND < 10.0	1,096.60
RW-2	8/28/2007	325	4.1	3.6	ND < 2.5	332.7
RW-2	11/28/2007	1,770	ND < 10.0	ND < 10.0	ND < 10.0	1,770

Table 1. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected **January 2006 through April 2016;**
Apple Valley Shopping Center, LaGrange, New York;
PVE Sheffler File #560537

Sample ID	Dates Sampled	Chemical Constituent					Total COC
		Tetrachloroethene (5 µg/l ¹)	Trichloroethene (5 µg/l ¹)	cis-1,2-Dichloroethene (5 µg/l ¹)	Vinyl Chloride (2 µg/l ¹)		
RW-2	2/28/2008	4,700	30.5	46	ND < 25		4,776.50
RW-2	5/27/2008	2,510	187	114	ND<25.0		2,811
RW-2	9/9/2008	4,040	52.5	68	ND<25.0		4,160.50
RW-2	11/25/2008	4,790	ND < 100.0	ND < 100.0	ND < 100.0		4,790
RW-2	3/5/2009	4,800	ND<100	ND<100	ND<100 S		4,800
RW-2	5/27/2009	5,090	ND<100	ND<100	ND<100		5,090
RW-2	8/25/2009	2,610	ND<100	ND<100	ND<100 S		2,610
RW-2	12/8/2009	861	ND<25	ND<25	ND<25		861
RW-2	2/17/2010	1,070	ND<50	ND<50	ND<50		1,070
RW-2	5/27/2010	1,000	ND<50	ND<50	ND<50		1,000
RW-2	8/25/2010	421	ND<10	ND<10	ND<10		421
RW-2	11/23/2010	2,210	ND<100	ND<100	ND<100		2,210
RW-2	2/28/2011	3,050	ND<100	ND<100	ND<100 S		3,050
RW-2	6/1/2011	4,400	ND<100	ND<100	ND<100		4,400
RW-2	9/16/2011	2,060	ND<100	ND<100	ND<100		2,060
RW-2	12/5/2011	2,200	ND<50	ND<50	ND<50		2,200
RW-2	3/29/2012	428	ND<25	ND<25 S	ND<25		428
RW-2	6/26/2012	1,180	ND<25	ND<25	ND<25		1,180
RW-2	8/30/2012	389	10.8	ND<10	ND<10		399.8
RW-2	12/20/2012	597	12.7	ND<5.0	ND<5.0		610
RW-2	3/13/2013	1,500	22	21	ND<5.0		1,543
RW-2	5/28/2013	2,700	35	31	ND<0.50		2,766
RW-2	8/28/2013	260	E 6.5	3.5	ND<0.50		270
RW-2	11/19/2013	1,300	D 150	D 58	E 0.67		1,509
RW-2	3/20/2014	2,200	D 21	14	ND<5.0		2,235
RW-2	5/23/2014	4,700	D 35	29	ND<5		4,764
RW-2	9/10/2014	1,900	E 45	38	1		1,983
RW-2	5/18/2015	1,700	E 19	13	ND<5		1,732
RW-3	2/9/2006	1,250	102	88.8	ND < 5.0		1,440.80
RW-3	3/9/2006	567	67.3	72.8	3.9		711
RW-3	5/16/2006	538	53.8	99.4	ND < 2.5		691.2
RW-3	8/22/2006	151	19.6	34.1 M	ND < 2.5		204.7
RW-3	11/28/2006	451	49.5	103	4		607.5
RW-3	12/11/2006	467	66.4	147	5.7		686.1
RW-3	3/1/2007	494	59	75.3	ND < 2.5		628.3
RW-3	5/29/2007	550	54.3	93.8	5.2		703.3
RW-3	8/28/2007	657	69.7	121	4.4		852.1
RW-3	11/28/2007	541	57	103	ND < 5.0 S		701
RW-3	2/28/2008	618	53	99.7	ND < 5.0		770.7
RW-3	5/27/2008	543	55.2	89.8	ND<10		688
RW-3	9/9/2008	480	54.2	85.2	ND<5.0		619.4
RW-3	11/25/2008	876	82.2	120	ND<10		1,078.20
RW-3	3/5/2009	347	38.8	49.4	ND<10 S		435.2
RW-3	5/27/2009	351	40.6	42.2	ND<10		433.8
RW-3	8/25/2009	423	53.4	75.4	ND<10		551.8
RW-3	12/8/2009	763	83.8	78.2	ND<10		925
RW-3	2/17/2010	1,770	172	182	ND<50		2,124
RW-3	5/27/2010	521	57	87.5	ND<25 M		665.5
RW-3	8/25/2010	180	18.6	30.9	ND<5.0		229.5

Table 1. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected **January 2006 through April 2016;**
Apple Valley Shopping Center, LaGrange, New York;
PVE Sheffler File #560537

Sample ID	Dates Sampled	Tetrachloroethene (5 µg/l ¹)		Trichloroethene (5 µg/l ¹)		Chemical Constituent cis-1,2-Dichloroethene (5 µg/l ¹)		Vinyl Chloride (2 µg/l ¹)	Total COC
RW-3	11/23/2010	368		46.4		36.6		ND<10	451
RW-3	2/28/2011	438		51		40		ND<10 S	529
RW-3	6/1/2011	840		82.5		77		ND<25.0	999.5
RW-3	9/16/2011	360		38.2		51		ND<10	449.2
RW-3	12/5/2011	400		48		63		ND<5.0	511
RW-3	3/29/2012	384		46		40.6		ND<10 S	470.6
RW-3	6/26/2012	241		28		26.8		ND<10	295.8
RW-3	8/30/2012	354		40		39.4		ND<10	433.4
RW-3	12/20/2012	238		29.6		46.4		ND<5.0	314
RW-3	3/13/2013	360		35		42		0.71	437
RW-3	5/28/2013	170		22		22		ND<0.50	214
RW-3	8/28/2013	600	E	60	E	68	E	2.4	730.4
RW-3	11/19/2013	290	D	43	D	45	E	1.2	379.2
RW-3	3/20/2014	310	D	26	D	26	D	ND<0.50	362
RW-3	5/23/2014	370	D	38	D	44	D	0.6	452.6
RW-3	9/10/2014	690	E	62		60		1	813
RW-3	5/18/2015	810	D	53		54		0.7	917.7
AV-2	2/9/2006	3,560		380		979		ND < 10	4,919
AV-2	3/9/2006	90.7		11		19.5		ND < 0.5	121.2
AV-2	5/16/2006	913		13.2		18		ND < 2.5	944.2
AV-2	8/22/2006	28.4		3.4		9.9 M		ND < 0.5	41.7
AV-2	11/28/2006	24.7		3.5		6.6		ND < 0.5	34.8
AV-2	12/11/2006	28.5		4		9.2		ND < 0.5	41.7
AV-2	3/1/2007	25.4		4		5.2		ND < 0.5	34.6
AV-2	5/29/2007	26		3.8		6.1		ND < 0.5	35.9
AV-2	8/28/2007	24.4		ND < 0.5		6.5		ND < 0.5	30.9
AV-2	11/28/2007	13.2		2.1		3.6		ND < 0.5 S	18.9
AV-2	2/28/2008	126		10.7		26.2		ND < 0.5	162.9
AV-2	5/27/2008	98.5		10.4		24.3		ND<0.5	133.2
AV-2	9/9/2008	10		1.8		3.3		ND<0.5	15.1
AV-2	11/25/2008	20.9		3.3		4.6		ND<0.5	28.8
AV-2	3/5/2009	180		17.5		31.4		ND<0.5	228.9
AV-2	5/27/2009	146		19.5		22.5		ND<5.0	188
AV-2	8/25/2009	45.4		5.6		9.1		ND<2.5 S	60.1
AV-2	12/8/2009	40.3		5.2		5.8		ND<1	51.3
AV-2	2/17/2010	59.4		7.4		8.8		ND<0.5	75.6
AV-2	5/27/2010	17.2		2.8		4.1		ND<0.5 M	24.1
AV-2	8/25/2010	14.8		2.1		1.9		ND<0.5	18.8
AV-2	11/23/2010	8.3		1.4		1.3		ND<0.5	11
AV-2	2/28/2011	11.9		1.8		ND<0.5		ND<0.5 S	13.7
AV-2	6/1/2011	17.6		2.8		ND<0.5		ND<0.5	20.4
AV-2	9/16/2011	12.6		2		2.4		ND<0.5	17
AV-2	12/5/2011	51		7.1		11		ND<0.5	69.1
AV-2	3/29/2012	6.4		1.2		1		ND<0.5 S	8.6
AV-2	6/26/2012	7.8		1		1.1		ND<0.5	9.9
AV-2	8/30/2012	11.3		1.6		1.6		ND<0.5	14.5
AV-2	12/20/2012	5.8		1.2		1.9		ND<0.5	8.9
AV-2	3/13/2013	11		1.6		1.8		ND<0.5	14.4
AV-2	5/28/2013	8.6		1.6		1.7		ND<0.5	11.9

Table 1. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected **January 2006 through April 2016;**
Apple Valley Shopping Center, LaGrange, New York;
PVE Sheffler File #560537

Sample ID	Dates Sampled	Tetrachloroethene (5 µg/l ¹)	Trichloroethene (5 µg/l ¹)	Chemical Constituent cis-1,2-Dichloroethene (5 µg/l ¹)	Vinyl Chloride (2 µg/l ¹)	Total COC
AV-2	8/28/2013	8.7	1.7	1.7	ND<0.5	12.1
AV-2	11/19/2013	5	1.4	1.5	ND<0.5	7.9
AV-2	3/20/2014	7.3	1.1	1.2	ND<0.5	9.6
AV-2	5/23/2014	7.3	1.4	1.4	ND<0.5	10.1
AV-2	9/10/2014	7	1	1	ND<0.5	9
AV-2	5/18/2014	7	1	1	ND<0.5	9
AV-2	11/24/2015	46	4	4	ND<0.5	54
AVS-EFF	2/9/2006	146	8.3	22.1	ND < 0.5	176.4
AVS-EFF	3/9/2006	12.3	1.1	1.4	ND < 0.5	14.8
AVS-EFF	5/16/2006	14	0.6	1.5	ND < 0.5	16.1
AVS-EFF	7/5/2006	1.7	ND < 0.5	ND < 0.5	ND < 0.5	1.7
AVS-EFF	8/22/2006	7.4	ND < 0.5	ND < 0.5	ND < 0.5	7.4
AVS-EFF	11/28/2006	85.8	4.9	13	ND < 0.5	103.7
AVS-EFF	12/11/2006	2.1	ND < 0.5	ND < 0.5	ND < 0.5	2.1
AVS-EFF	3/1/2007	2.4	ND < 0.5	ND < 0.5	ND < 0.5	2.4
AVS-EFF	5/29/2007	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND
AVS-EFF	8/28/2007	2	ND < 0.5	ND < 0.5	ND < 0.5	2
AVS-EFF	11/28/2007	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5 S	ND
AVS-EFF	2/28/2008	2.8	ND < 0.5	ND < 0.5	ND < 0.5	2.8
AVS-EFF	5/27/2008	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
AVS-EFF	9/11/2008	0.5	ND<0.5	ND<0.5	ND<0.5	0.5
AVS-EFF	11/25/2008	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
AVS-EFF	3/5/2009	1.4	ND<0.5	ND<0.5	ND<0.5	1.4
AVS-EFF	5/27/2009	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
AVS-EFF	8/25/2009	1.6	ND<0.5	0.7	ND<0.5	2.3
AVS-EFF	12/30/2009	4.3	0.5	1.1	ND<0.5	5.9
AVS-EFF	2/17/2010	3.6	ND<0.5	0.8	ND<0.5	4.4
AVS-EFF	5/27/2010	4.1	ND<0.5	0.6	ND<0.5	4.7
AVS-EFF	8/25/2010	3.5	ND<0.5	0.6	ND<0.5	4.1
AVS-EFF	12/21/2010	2.1	ND<0.5	ND<0.5	ND<0.5	2.1
AVS-EFF	2/28/2011	1.5	ND<0.5	ND<0.5	ND<0.5 S	1.5
AVS-EFF	8/3/2011*	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
AVS-EFF	9/16/2011	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
AVS-EFF	12/5/2011	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
AVS-EFF	3/29/2012	ND<0.5	ND<0.5	ND<0.5	ND<0.5 S	ND
AVS-EFF	6/26/2012	ND<0.5	ND<0.5	ND<0.5	ND<0.5 S	ND
AVS-EFF	8/30/2012	ND<0.5	ND<0.5	ND<0.5	ND<0.5 S	ND
AVS-EFF	12/20/2012	ND<0.5	ND<0.5	ND<0.5	ND<0.5 S	ND
AVS-EFF	3/13/2013	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
AVS-EFF	5/28/2013	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND
AVS-EFF	8/28/2013	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND
AVS-EFF	11/19/2013	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND
AVS-EFF	3/20/2014	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND
AVS-EFF	5/23/2014	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND
AVS-EFF	9/10/2014	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND
AVS-EFF	12/15/2014	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND
AVS-EFF	3/27/2015	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND
AVS-EFF	6/25/2015	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND
AVS-EFF	8/11/2015	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND

Table 1. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected **January 2006 through April 2016;**
Apple Valley Shopping Center, LaGrange, New York;
PVE Sheffler File #560537

Sample ID	Dates Sampled	Tetrachloroethene (5 µg/l ¹)	Trichloroethene (5 µg/l ¹)	Chemical Constituent cis-1,2-Dichloroethene (5 µg/l ¹)	Vinyl Chloride (2 µg/l ¹)	Total COC
AVS-EFF	12/14/2015	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND
AVS-EFF	3/29/2016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND
AV-1	1/16/2006	35.5	1.4	2	ND < 0.5	38.9
AV-1	5/16/2006	13.9	ND < 0.5	ND < 0.5	ND < 0.5	13.9
AV-1	8/23/2006	10.3	0.6	0.8 M	ND < 0.5	11.7
MW-1	1/17/2006	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND
MW-1	5/16/2006	ND < 0.5	2.2	ND < 0.5	ND < 0.5	2.2
MW-1	8/22/2006	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND
MW-1	8/28/2007	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND
MW-1	9/10/2008	3.5	ND<0.5	ND<0.5	ND<0.5	3.5
MW-1	9/11/2014	7	ND<0.5	ND<0.5	ND<0.5	7
MW-1	5/19/2015	ND < 0.5	ND<0.5	ND<0.5	ND<0.5	ND
MW-2	1/13/2006	967	95.7	94.9	ND < 5.0	1,157.60
MW-2	5/16/2006	4,440	638	1,300	ND < 25.0	6,378
MW-2	8/22/2006	2,710	390	943 M	24.2	4,067.20
MW-2	8/28/2007	2,760	396	752	31	3,939
MW-2	9/10/2008	1,290	182	484	32.7	1,988.70
MW-2	8/25/2009	2,630	440	772	ND<100 S	3,842
MW-2	8/25/2010	468	63.2	106	ND<10	637.2
MW-2	9/16/2011	1,630	229	392	50	2,301
MW-2	8/30/2012	1,370	190	232	ND<50	1,792
MW-2	8/28/2013	2,000	E 160	E 220	E 10	2,390
MW-2	9/10/2014	1,700	E 270	E 380	E 3	2,353
MW-2	5/20/2015	2,900	D 320	D 380	E 8	3,608
MW-3	1/16/2006	0.6	ND < 0.5	ND < 0.5	ND < 0.5	0.6
MW-3	5/16/2006	2.6	ND < 0.5	ND < 0.5	ND < 0.5	2.6
MW-3	8/23/2006	4.3	ND < 0.5	ND < 0.5	ND < 0.5	4.3
MW-3	8/29/2007	2.5	ND < 0.5	ND < 0.5	ND < 0.5	2.5
MW-3	9/10/2008	2.8	ND<0.5	0.6	ND<0.5	3.4
MW-3	9/12/2014	ND<0.5	ND<0.5	ND < 0.5	ND<0.5	0
MW-3	5/19/2015	13	2	1	ND<0.5	16
MW-4B	5/18/2015	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND
MW-5	1/18/2006	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND
MW-5	8/23/2006	4	ND < 0.5	0.6 M	ND < 0.5	4.6
MW-5	3/5/2007	2	ND < 0.5	ND < 0.5	ND < 0.5	2
MW-5	8/28/2007	3.3	ND < 0.5	ND < 0.5	ND < 0.5	3.3
MW-5	3/26/2008	0.7	ND < 0.5	ND < 0.5	ND < 0.5	0.7
MW-5	9/11/2008	2.4	ND<0.5	ND<0.5	ND<0.5	2.4
MW-5	9/10/2014	3	ND<0.5	ND<0.5	ND<0.5	3
MW-5	5/21/2015	1	ND<0.5	ND<0.5	ND<0.5	1
MW-6	1/16/2006	21.6	3.4	7.9	ND < 0.5	32.9
MW-6	5/16/2006	6	0.6	ND < 0.5	ND < 0.5	6.6
MW-6	8/22/2006	3.7	ND < 0.5	ND < 0.5	ND < 0.5	3.7

Table 1. **Volatile Organic Compounds (VOCs) in Quarterly Groundwater Monitoring Samples;**
USEPA Method 524.2; collected **January 2006 through April 2016;**
Apple Valley Shopping Center, LaGrange, New York;
PVE Sheffler File #560537

Sample ID	Dates Sampled	Tetrachloroethene (5 µg/l ¹)	Trichloroethene (5 µg/l ¹)	Chemical Constituent cis-1,2-Dichloroethene (5 µg/l ¹)	Vinyl Chloride (2 µg/l ¹)	Total COC
MW-6	8/28/2007	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND
MW-6	9/10/2008	2.8	ND<0.5	ND<0.5	ND<0.5	2.8
MW-6	9/10/2014	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0
MW-6	5/19/2015	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0
MW-7	1/16/2006	6.1	3.6	0.9	ND < 0.5	10.6
MW-7	5/16/2006	34	3.2	7.3	ND < 0.5	44.5
MW-7	8/22/2006	23.6	2.8	8.7 M	ND < 0.5	35.1
MW-7	8/28/2007	12.5	1.9	2.8	ND < 0.5	17.2
MW-7	9/10/2008	17.1	1.4	3.7	ND<0.5	22.2
MW-7	8/25/2009	27.2	3.9	8	ND<0.5 S	39.1
MW-7	8/25/2010	9.9	2.7	2.6	ND<0.5	15.2
MW-7	9/16/2011	8.6	1.2	0.9	ND<0.5	10.7
MW-7	8/30/2012	16	2.6	1.6	ND<0.5	20.2
MW-7	8/28/2013	9.7	1.5	1.4	ND<0.5	12.6
MW-7	9/10/2014	13	2	2	ND<0.5	17
MW-7	5/19/2015	9	0.9	0.8	ND<0.5	10.7
MW-8	5/21/2015	3	1	1	ND<0.5	5
MW-9	5/21/2015	2	ND<0.5	0.6	ND<0.5	2.6
MW-10	5/20/2015	21	2	2	ND<0.5	25
MW-11D	5/18/2015	10	2	4	ND<0.5	16
MW-11M	5/20/2015	170	58	96	3	327
MW-12	5/19/2015	4	1	2	ND<0.5	7
MW-13	5/19/2015	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0
MW-14	5/19/2015	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0
MW-RCI	5/18/2015	92	16	580	15	703

Notes:

1 - Standards are for groundwater according to 6NYCRR Part 700-705, Class GA Groundwater Standards;

All concentrations are in µg/l;

ND = Not detected above the method detection limit listed;

Boldface type designates those compounds detected at concentrations exceeding NYSDEC standards;

S = Spike recovery outside accepted recovery limits;

M = Matrix spike recoveries outside QC limits. Matrix bias indicated;

E = Result exceeded calibration range, secondary dilution required

COC = Contaminants of concern.

* Final sampling for second quarter 2011

D = compound analyzed at a dilution

Table 2. **Volatile Organic Compounds (VOCs) in Residential Supply Well Monitoring Samples;**
USEPA Method 524.2; collected **March 1998 through April 2016;**
Apple Valley Shopping Center, LaGrange, New York;
PVE Sheffler File #160537

Sample ID	Dates Sampled	Chemical Constituent				Total COC
		Tetrachloroethene (5 µg/l ¹)	Trichloroethene (5 µg/l ¹)	cis-1,2-Dichloroethene (5 µg/l ¹)	Vinyl Chloride (2 µg/l ¹)	
Lot 6 (Lipka)	1/29/2003	1	ND<0.5	ND < 0.5	ND	1
Lot 6 (Lipka)	8/23/2006	4.5	ND<0.5	0.9 M	ND<0.5	5.4
Lot 6 (Lipka)	2/27/2007	2.6	ND<0.5	0.6	ND<0.5	3.2
Lot 6 (Lipka)	8/7/2007	2.2	0.8	ND < 0.5	ND<0.5	3
Lot 6 (Lipka)	2/27/2008	9.8	0.6	1.3	ND<0.5	11.7
Lot 6 (Lipka)	6/3/2008	3	ND<0.5	0.6	ND<0.5	3.6
Lot 6 (Lipka)	9/5/2008	2.1	ND<0.5	0.6	ND<0.5	2.7
Lot 6 (Lipka)	3/19/2009	2.9	ND<0.5	0.9	ND<0.5	3.8
Lot 6 (Lipka)	8/17/2009	3.7	0.8	1.1	ND<0.5	5.6
Lot 6 (Lipka)	2/4/2010	2.3	ND<0.5	ND<0.5	ND<0.5	2.3
Lot 6 (Lipka)	8/4/2010	1.1	ND<0.5	ND<0.5	ND<0.5	1.1
Lot 6 (Lipka)	2/10/2011	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
Lot 6 (Lipka)	8/9/2011	1.4	ND<0.5	ND<0.5	ND<0.5	1.4
Lot 6 (Lipka)	2/20/2012	2.4	ND<0.5	ND<0.5	ND<0.5	2.4
Lot 6 (Lipka)	8/20/2012	2.1	ND<0.5	0.5	ND<0.5	2.6
Lot 6 (Lipka)	2/28/2013	1.7	ND<0.5	ND<0.5	ND<0.5	1.7
Lot 6 (Lipka)	8/20/2013	1.8	ND<0.5	ND<0.5	ND<0.5	1.8
Lot 6 (Lipka)	1/27/2014	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
Lot 6 (Lipka)	8/20/2014	1.8	ND<0.5	ND<0.5	ND<0.5	1.8
Lot 6 (Lipka)	3/27/2015	1	ND<0.5	0.56	ND<0.5	1.56
Lot 6 (Lipka)	8/11/2015	1	ND<0.5	ND<0.5	ND<0.5	1
Lot 6 (Lipka)	3/29/2016	1.1	ND<0.5	0.9	ND<0.5	2
Lot 8	1/29/2003	0.6	ND	ND	ND	0.6
Lot 8	8/22/2006	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND
Lot 8	2/23/2007	0.8	ND < 0.5	ND < 0.5	ND < 0.5	0.8
Lot 9	1/29/2003	0.8	ND	0.6	ND	1.4
Lot 9	2/23/2007	0.9	ND < 0.5	0.6	ND < 0.5	1.5
Lot 9	8/24/2007	0.7	0.5	ND < 0.5	ND < 0.5	1.2
Lot 9	2/29/2008	1.5	1	1.9	ND < 0.5	4.4
Lot 9	9/5/2008	ND<0.5	0.6	0.7	ND<0.5	1.3
Lot 10	September-01	7.8	3.4	4	ND	15.2
Lot 10	March-12	3.7	2.1	2.6	ND	8.4
Lot 10	September-12	ND	ND	ND	ND	ND
Lot 10	April-12	2.1	2.2	1.9	ND	6.2
Lot 10	November-12	1.8	2.2	2.6	ND	6.6
Lot 10	5/18/2004	1.9	2	2	ND	5.9
Lot 10	12/14/2004	3.2	3.3	2.9	ND	9.4
Lot 10	7/13/2005	4.77	3.54	2.85	ND	11.16
Lot 10	8/25/2006	15.4	4.1 M	10.3	ND < 0.5	29.8
Lot 10	8/30/2007	8	3.9	4.6	ND < 0.5	16.5
Lot 10	2/28/2008	12.1	12.1	15.8	ND < 0.5	40

Table 2. **Volatile Organic Compounds (VOCs) in Residential Supply Well Monitoring Samples;**
USEPA Method 524.2; collected **March 1998 through April 2016;**
Apple Valley Shopping Center, LaGrange, New York;
PVE Sheffler File #160537

Sample ID	Dates Sampled	Chemical Constituent				Total COC
		Tetrachloroethene (5 µg/l ¹)	Trichloroethene (5 µg/l ¹)	cis-1,2-Dichloroethene (5 µg/l ¹)	Vinyl Chloride (2 µg/l ¹)	
Lot 11 (Alben)	3/18/1998	ND	ND	ND	ND	ND
Lot 11 (Alben)	1/25/2007	2.8	0.5	ND < 0.5	ND < 0.5 S	3.3
Lot 11 (Alben)	8/27/2007	1.6	0.5	ND < 0.5	ND < 0.5	2.1
Lot 11 (Alben)	2/28/2008	20.2	1.3	2	ND < 0.5	23.5
Lot 11 (Alben)	6/26/2008	2.5	1.6	1.9	ND<0.5	6
Lot 11 (Alben)	9/5/2008	0.9	ND<0.5	ND<0.5	ND<0.5	0.9
Lot 11 (Alben)	3/12/2009	1.4	1	1.5	ND<0.5	3.9
Lot 11 (Alben)	9/29/2009	1.4	ND<0.5	ND<0.5	ND<0.5	1.4
Lot 11 (Alben)	2/24/2010	1.2	ND<0.5	ND<0.5	ND<0.5	1.2
Lot 11 (Alben)	8/5/2010	1.2	ND<0.5	ND<0.5	ND<0.5	1.2
Lot 11 (Alben)	3/3/2011	1.4	1.2	1.1	ND<0.5	3.7
Lot 11 (Alben)	8/5/2011	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
Lot 12	1/29/2003	ND < 0.5	ND	ND	ND	ND
Lot 12	9/7/2006	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND
Lot 12	2/21/2007	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND
Lot 12	8/28/2007	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND
Lot 13	2/22/2007	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND
Lot 13	8/21/2007	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND

Notes:

1 - Standards are for groundwater according to 6NYCRR Part 700-705, Class GA Groundwater Standards;

All concentrations are in µg/l;

ND = Not detected above the method detection limit listed;

Boldface type designates those compounds detected at concentrations exceeding NYSDEC standards;

M = Matrix spike recoveries outside QC limits. Matrix bias indicated;

S = Associated LCS outside QC windows;

COC = Contaminants of concern.

ANALYTICAL

ANALYTICAL REPORT

Job Number: 420-102384-1
SDG Number: Apple Valley Shopping Center
Job Description: PVE Sheffler

For:
PVE Sheffler
48 Springside Ave.
Poughkeepsie, NY 12601

Attention: Christopher B. Brown



Meredith W Ruthven
Customer Service Manager
mruthven@envirotestlaboratories.com
04/07/2016

cc: Tara Alvarado

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EnviroTest Laboratories, Inc. Certifications and Approvals: NYSDOH 10142, NJDEP NY015, CTDOH PH-0554

METHOD SUMMARY

Client: PVE Sheffler

Job Number: 420-102384-1
SDG Number: Apple Valley Shopping Center

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Purgeable Organic Compounds in Water by GC/MS	EnvTest	EPA-DW 524.2	

Lab References:

EnvTest = EnviroTest

Method References:

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

METHOD / ANALYST SUMMARY

Client: PVE Sheffler

Job Number: 420-102384-1
SDG Number: Apple Valley Shopping Center

Method	Analyst	Analyst ID
EPA-DW 524.2	Andersen, Eric C	ECA

SAMPLE SUMMARY

Client: PVE Sheffler

Job Number: 420-102384-1
SDG Number: Apple Valley Shopping Center

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-102384-1	AVS - EFF	Drinking Water	03/29/2016 0745	03/29/2016 1530
420-102384-2	Lipka	Drinking Water	03/29/2016 0800	03/29/2016 1530

Christopher B. Brown
PVE Sheffler
48 Springside Ave.
Poughkeepsie, NY 12601

Job Number: 420-102384-1
Sdg Number: Apple Valley Shopping Center

Client Sample ID: AVS - EFF
Lab Sample ID: 420-102384-1

Date Sampled: 03/29/2016 0745
Date Received: 03/29/2016 1530
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 524.2			Date Analyzed: 03/30/2016 1334		
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	0.50	0.50	1.0
1,1,1-Trichloroethane	0.50 U	ug/L	0.50	0.50	1.0
1,1,2,2-Tetrachloroethane	0.50 U	ug/L	0.50	0.50	1.0
1,1,2-Trichloroethane	0.50 U	ug/L	0.50	0.50	1.0
1,1-Dichloroethane	0.50 U	ug/L	0.50	0.50	1.0
1,1-Dichloroethene	0.50 U	ug/L	0.50	0.50	1.0
1,1-Dichloropropene	0.50 U	ug/L	0.50	0.50	1.0
1,2,3-Trichlorobenzene	0.50 U	ug/L	0.50	0.50	1.0
1,2,3-Trichloropropane	0.50 U	ug/L	0.50	0.50	1.0
1,2,4-Trichlorobenzene	0.50 U	ug/L	0.50	0.50	1.0
1,2,4-Trimethylbenzene	0.50 U	ug/L	0.50	0.50	1.0
1,2-Dichlorobenzene	0.50 U	ug/L	0.50	0.50	1.0
1,2-Dichloroethane	0.50 U	ug/L	0.50	0.50	1.0
1,2-Dichloropropane	0.50 U	ug/L	0.50	0.50	1.0
1,3,5-Trimethylbenzene	0.50 U	ug/L	0.50	0.50	1.0
1,3-Dichlorobenzene	0.50 U	ug/L	0.50	0.50	1.0
1,3-Dichloropropane	0.50 U	ug/L	0.50	0.50	1.0
1,4-Dichlorobenzene	0.50 U	ug/L	0.50	0.50	1.0
2,2-Dichloropropane	0.50 U *	ug/L	0.50	0.50	1.0
2-Chlorotoluene	0.50 U	ug/L	0.50	0.50	1.0
4-Chlorotoluene	0.50 U	ug/L	0.50	0.50	1.0
4-Isopropyltoluene	0.50 U	ug/L	0.50	0.50	1.0
Benzene	0.50 U	ug/L	0.50	0.50	1.0
Bromobenzene	0.50 U	ug/L	0.50	0.50	1.0
Bromochloromethane	0.50 U	ug/L	0.50	0.50	1.0
Bromodichloromethane	0.50 U	ug/L	0.50	0.50	1.0
Bromoform	0.50 U	ug/L	0.50	0.50	1.0
Bromomethane	0.50 U	ug/L	0.50	0.50	1.0
Carbon tetrachloride	0.50 U	ug/L	0.50	0.50	1.0
Chlorobenzene	0.50 U	ug/L	0.50	0.50	1.0
Chloroethane	0.50 U	ug/L	0.50	0.50	1.0
Chloroform	0.50 U	ug/L	0.50	0.50	1.0
Chloromethane	0.50 U	ug/L	0.50	0.50	1.0
cis-1,2-Dichloroethene	0.50 U	ug/L	0.50	0.50	1.0
cis-1,3-Dichloropropene	0.50 U	ug/L	0.50	0.50	1.0
Dibromochloromethane	0.50 U	ug/L	0.50	0.50	1.0
Dibromomethane	0.50 U	ug/L	0.50	0.50	1.0
Dichlorodifluoromethane	0.50 U *	ug/L	0.50	0.50	1.0
Ethylbenzene	0.50 U	ug/L	0.50	0.50	1.0
Hexachlorobutadiene	0.50 U	ug/L	0.50	0.50	1.0

Christopher B. Brown
PVE Sheffler
48 Springside Ave.
Poughkeepsie, NY 12601

Job Number: 420-102384-1
Sdg Number: Apple Valley Shopping Center

Client Sample ID: AVS - EFF
Lab Sample ID: 420-102384-1

Date Sampled: 03/29/2016 0745
Date Received: 03/29/2016 1530
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Isopropylbenzene	0.50	U	ug/L	0.50	0.50	1.0
m,p-Xylene	1.0	U	ug/L	1.0	1.0	1.0
Methyl-t-butyl ether	0.50	U	ug/L	0.50	0.50	1.0
Methylene Chloride	0.50	U	ug/L	0.50	0.50	1.0
Naphthalene	0.50	U	ug/L	0.50	0.50	1.0
n-Butylbenzene	0.50	U	ug/L	0.50	0.50	1.0
n-Propylbenzene	0.50	U	ug/L	0.50	0.50	1.0
o-Xylene	0.50	U	ug/L	0.50	0.50	1.0
sec-Butylbenzene	0.50	U	ug/L	0.50	0.50	1.0
Styrene	0.50	U	ug/L	0.50	0.50	1.0
tert-Butylbenzene	0.50	U	ug/L	0.50	0.50	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	0.50	1.0
Toluene	0.50	U	ug/L	0.50	0.50	1.0
trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	0.50	1.0
trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	0.50	1.0
Trichloroethene	0.50	U	ug/L	0.50	0.50	1.0
Trichlorofluoromethane	0.50	U	ug/L	0.50	0.50	1.0
Vinyl chloride	0.50	U	ug/L	0.50	0.50	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	95		%		71 - 120	
Toluene-d8 (Surr)	95		%		79 - 121	
1,2-Dichloroethane-d4 (Surr)	109		%		70 - 128	

Christopher B. Brown
PVE Sheffler
48 Springside Ave.
Poughkeepsie, NY 12601

Job Number: 420-102384-1
Sdg Number: Apple Valley Shopping Center

Client Sample ID: Lipka
Lab Sample ID: 420-102384-2

Date Sampled: 03/29/2016 0800
Date Received: 03/29/2016 1530
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 524.2			Date Analyzed: 03/30/2016 1406		
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	0.50	0.50	1.0
1,1,1-Trichloroethane	0.50 U	ug/L	0.50	0.50	1.0
1,1,2,2-Tetrachloroethane	0.50 U	ug/L	0.50	0.50	1.0
1,1,2-Trichloroethane	0.50 U	ug/L	0.50	0.50	1.0
1,1-Dichloroethane	0.50 U	ug/L	0.50	0.50	1.0
1,1-Dichloroethene	0.50 U	ug/L	0.50	0.50	1.0
1,1-Dichloropropene	0.50 U	ug/L	0.50	0.50	1.0
1,2,3-Trichlorobenzene	0.50 U	ug/L	0.50	0.50	1.0
1,2,3-Trichloropropane	0.50 U	ug/L	0.50	0.50	1.0
1,2,4-Trichlorobenzene	0.50 U	ug/L	0.50	0.50	1.0
1,2,4-Trimethylbenzene	0.50 U	ug/L	0.50	0.50	1.0
1,2-Dichlorobenzene	0.50 U	ug/L	0.50	0.50	1.0
1,2-Dichloroethane	0.50 U	ug/L	0.50	0.50	1.0
1,2-Dichloropropane	0.50 U	ug/L	0.50	0.50	1.0
1,3,5-Trimethylbenzene	0.50 U	ug/L	0.50	0.50	1.0
1,3-Dichlorobenzene	0.50 U	ug/L	0.50	0.50	1.0
1,3-Dichloropropane	0.50 U	ug/L	0.50	0.50	1.0
1,4-Dichlorobenzene	0.50 U	ug/L	0.50	0.50	1.0
2,2-Dichloropropane	0.50 U *	ug/L	0.50	0.50	1.0
2-Chlorotoluene	0.50 U	ug/L	0.50	0.50	1.0
4-Chlorotoluene	0.50 U	ug/L	0.50	0.50	1.0
4-Isopropyltoluene	0.50 U	ug/L	0.50	0.50	1.0
Benzene	0.50 U	ug/L	0.50	0.50	1.0
Bromobenzene	0.50 U	ug/L	0.50	0.50	1.0
Bromochloromethane	0.50 U	ug/L	0.50	0.50	1.0
Bromodichloromethane	0.50 U	ug/L	0.50	0.50	1.0
Bromoform	0.50 U	ug/L	0.50	0.50	1.0
Bromomethane	0.50 U	ug/L	0.50	0.50	1.0
Carbon tetrachloride	0.50 U	ug/L	0.50	0.50	1.0
Chlorobenzene	0.50 U	ug/L	0.50	0.50	1.0
Chloroethane	0.50 U	ug/L	0.50	0.50	1.0
Chloroform	0.50 U	ug/L	0.50	0.50	1.0
Chloromethane	0.50 U	ug/L	0.50	0.50	1.0
cis-1,2-Dichloroethene	0.90	ug/L	0.50	0.50	1.0
cis-1,3-Dichloropropene	0.50 U	ug/L	0.50	0.50	1.0
Dibromochloromethane	0.50 U	ug/L	0.50	0.50	1.0
Dibromomethane	0.50 U	ug/L	0.50	0.50	1.0
Dichlorodifluoromethane	0.50 U *	ug/L	0.50	0.50	1.0
Ethylbenzene	0.50 U	ug/L	0.50	0.50	1.0
Hexachlorobutadiene	0.50 U	ug/L	0.50	0.50	1.0

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48 Springside Ave.
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Job Number: 420-102384-1
Sdg Number: Apple Valley Shopping Center

Client Sample ID: Lipka
Lab Sample ID: 420-102384-2

Date Sampled: 03/29/2016 0800
Date Received: 03/29/2016 1530
Client Matrix: Drinking Water

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Methylene Chloride	0.50	U	ug/L	0.50	0.50	1.0
Naphthalene	0.50	U	ug/L	0.50	0.50	1.0
n-Butylbenzene	0.50	U	ug/L	0.50	0.50	1.0
n-Propylbenzene	0.50	U	ug/L	0.50	0.50	1.0
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Tetrachloroethene	1.1		ug/L	0.50	0.50	1.0
Toluene	0.50	U	ug/L	0.50	0.50	1.0
trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	0.50	1.0
trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	0.50	1.0
Trichloroethene	0.50	U	ug/L	0.50	0.50	1.0
Trichlorofluoromethane	0.50	U	ug/L	0.50	0.50	1.0
Vinyl chloride	0.50	U	ug/L	0.50	0.50	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	96		%		71 - 120	
Toluene-d8 (Surr)	96		%		79 - 121	
1,2-Dichloroethane-d4 (Surr)	108		%		70 - 128	

DATA REPORTING QUALIFIERS

Client: PVE Sheffler

Job Number:

Sdg Number: Apple Valley Shopping Center

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	U	The analyte was analyzed for but not detected at or above the lowest stated limit.

Definitions and Glossary

Client: PVE Sheffler

Job Number:

Sdg Number: Apple Valley Shopping Center

Abbreviation	These commonly used abbreviations may or may not be present in this report.
%R	Percent Recovery
DL, RA, RE	Indicates a Dilution, Reanalysis or Reextraction.
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit - an estimate of the minimum amount of a substance that an analytical process can reliably detect. A MDL is analyte- and matrix-specific and may be laboratory-dependent.
ND	Not detected at the reporting limit (or MDL if shown).
QC	Quality Control
RL	Reporting Limit - the minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.
RPD	Relative Percent Difference - a measure of the relative difference between two points.



EnviroTest Laboratories, Inc.

CHAIN OF CUSTODY

102384

315 Fullerton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER

ADDRESS

48 Springside Ave

CITY/STATE

Longbridge NY 12505

ZIP

CONTACT

Don Torrey

PHONE 845-451-2544

PROJECT

LOCATION

PRJ NUMBER

O #

Apple Valley Shp

CLIENT

Apple Valley Shp

MATRIX: DW=DRINKING WATER S=SOIL O=OIL WW=WASTE WATER
SL=SLUDGE GW=GROUND WATER

REPORT TYPE

☒ STANDARD ☐ ISRA

☐ NJ REG

NYASP ☐ A ☐ B

☐ OTHER

TURNAROUND

☒ NORMAL

☐ QUICK

☐ VERBAL

REPORT # (Lab Use Only)

NOTE: SAMPLE TEMPERATURE
UPON RECEIPT MUST BE 4C +/- 2C.

SAMPLE TEMP. 5.4 °C

SAMPLE RECD. ON ICE ☒ ☐ N

PH CHECK ☐ Y ☐ N

CHLORINE RESIDUAL ☐ Y ☐ N

NY PUBLIC WATER SUPPLIES

SOURCE ID

ELRP TYPE

FEDERAL ID

ANALYSIS REQUESTED

524.2 V22

SAMPLE #

DATE

TIME

COMP (Y / N)

GRAB (Y / N)

MATRIX

Client I.D.

Total # of containers

40ml Glass HCL

Liter Glass HCL

250ml Amber H2SO4

Liter Amber Plain

250ml Plastic HNO3

250ml Plastic NaOH

Liter Plastic

Liter Plastic H2SO4

250ml Plastic

125ml Plastic Sterile

8oz Glass

2oz Glass

250ml Pl. NaOH/ZnAcc

ANALYSIS REQUESTED

RELEASED BY

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECTED TO THE ENVIROTEST TERMS AND CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

COMPANY

DATE

TIME

RECEIVED BY

COMPANY

DATE

TIME

SAMPLED BY

COMPANY

DATE

TIME

RECEIVED BY

COMPANY

DATE

TIME

RELINQUISHED BY

COMPANY

DATE

TIME

RECEIVED BY

COMPANY

DATE

TIME

COMMENTS

3-29-16 1530

ETL

3-29-16 1530

LOGIN SAMPLE RECEIPT CHECK LIST

Client: PVE Sheffler

Job Number: 420-102384-1
SDG Number: Apple Valley Shopping Center

Login Number: 102384

Question	T/F/NA	Comment
Samples were collected by ETL employee as per SOP-SAM-1	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is recorded.	True	5.4 C
Cooler Temp. is within method specified range.(0-6 C PW, 0-8 C NPW, or BAC <10 C	True	
If false, was sample received on ice within 6 hours of collection.	NA	
Based on above criteria cooler temperature is acceptable.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	