

Groundwater Monitoring Report Cover Sheet

Site Name: Vernondale Store

Town: North Sutton

Permit #: 199708016-S-004

Type of Submittal (Check all that apply)

- ☐ Periodic Summary Report (year):
- ☒ Data Submittal (**May 2023**):
-

Check each box where the answer to any of the following questions is "YES"

Sampling Results

- ☐ During the most recent monitoring event, were any new compounds detected at any sampling point?
Well/Compound:
- ☐ Are there any detections of contamination in drinking water that is untreated prior to use?
Well/Compound:
☐ Do compounds detected exceed AGQS?
- ☐ Was free product detected for the first time in any monitoring point?
☐ Surface Water (*visible sheen*)
☐ Groundwater (*1/8" or greater thickness*)
Location/Thickness:

Contaminant Trends

- ☐ Do sampling results show an increasing concentration trend in any source area monitoring well?
- ☐ Do sampling results indicate an AGQS violation in any of the GMZ boundary wells?
Well/Compound:

Recommendations

- ☐ Does the report include any recommendations requiring DES action? (*Do not check this box if the only recommendation is to continue with existing permit conditions.*)

This form is to be completed for groundwater monitoring data submittals and periodic summary reports submitted to the New Hampshire Department of Environmental Services Waste Management Division.

**DES Waste Management Division
29 Hazen Drive; PO Box 95
Concord, NH 03302-0095**

**GROUNDWATER SAMPLING RESULTS
ROUND-I 2023**

**VERNONDALE STORE
1526 ROUTE 114
NORTH SUTTON, NEW HAMPSHIRE 03260**

**NHDES Site #: 199708016
Project Type: LUST
Project Number: 7201**

Prepared For:

RLD Realty LLC
Mr. Robert DeFelice, Manager
PO Box 477, 1526 Route 114
North Sutton, New Hampshire 03260
Phone Number (603) 491-1489
Contact Name: Mr. Robert DeFelice
Contact Email: vernondalestore@gmail.com

Prepared By:

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Portsmouth, New Hampshire 03802-4247
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Contact Email: geneschrager@yahoo.com



May 2023
Project# 202306NH

GS
ENVIRONMENTAL & GROUNDWATER
ASSOCIATES, INC.

P.O. Box 4247
Portsmouth, New Hampshire 03802-4247
Tel: 603-812-5013

May 25, 2023
Project #202203NH

Water Supply & Pollution Control Division
NH Department of Environmental Services
6 Hazen Drive, P.O. Box 95
Concord, New Hampshire 03301
Attention: Groundwater Management Permit Coordinator

Re: Groundwater Sampling Results-Round I (2023)
Vernondale Store
North Sutton, New Hampshire 03260
NHDES #199708016

To Whom It May Concern:

On behalf of Mr. Robert DeFelice, GS Environmental and Groundwater Associates, Inc. (GS ENVIRONMENTAL) is pleased to submit these groundwater sampling results (Round I-2023) for the above-mentioned project. This project was authorized by the NHDES as part of the Groundwater Management Permit (No. GWP 199708016-S-003) for the site). A Site Plan of the project is shown on Figure 1.

Groundwater samples were collected from six groundwater monitoring wells by GS ENVIRONMENTAL on May 8, 2023.

A new disposable polyethylene bailer was used to purge and sample each monitoring well. Water samples were collected for analysis after the removal of at least three volumes of water from each well. Standard EPA sampling protocol was used for equipment sampling, collection, decontamination and transporting the samples in an ice filled cooler. Groundwater from the wells was checked for floating product or for petroleum odor. No floating product or petroleum odor was observed in any of the monitoring wells. The groundwater samples were submitted by GS ENVIRONMENTAL to Alpha Environmental Laboratory, Inc. of Portsmouth, New Hampshire the same day, May 8, 2023. The samples were analyzed for volatile organic compounds (VOCs) by means of EPA Method 8260.

Tabulated historical water quality data along with the laboratory analytical results are attached to this letter report.

Water levels were measured in each groundwater monitoring well sampled as part of the Groundwater Management Permit. The groundwater level measurements were taken on the same day. Historical tabulated water level data is attached.

GS ENVIRONMENTAL

If you have any questions or comments regarding the information contained in this letter report, please do not hesitate to call us.

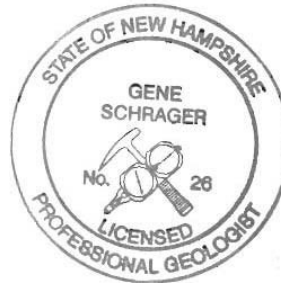
Very truly yours,

GS ENVIRONMENTAL AND GROUNDWATER ASSOCIATES, INC.

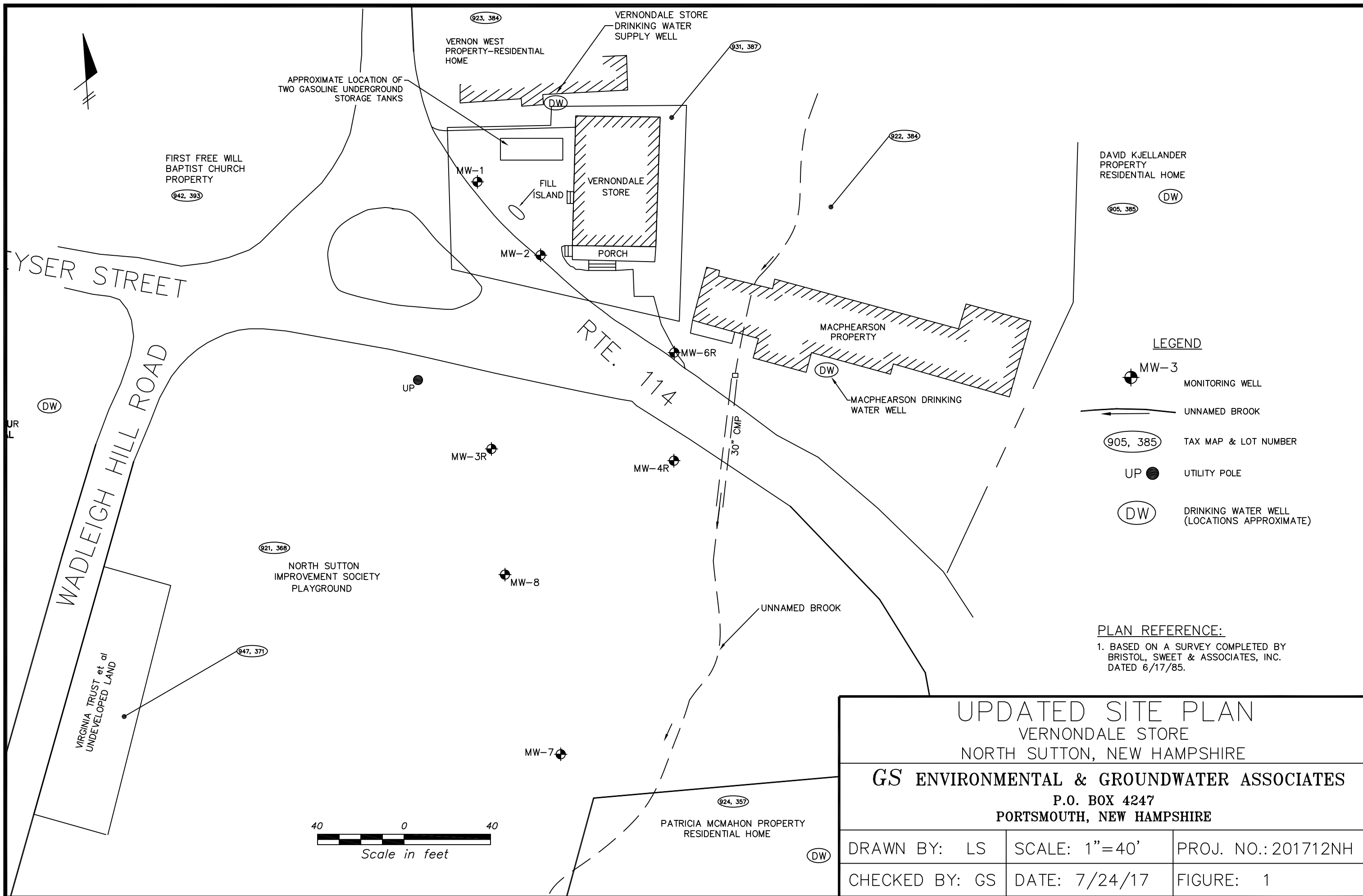


Gene Schrager
Senior Hydrogeologist

Attachments: Tabulated Water Quality Results
Tabulated Water Level Data
Analytical Results-Round I 2023



FIGURE



APPENDIX A

TABULATED MONITORING WELL WATER QUALITY RESULTS

TABULATED PRIVATE DRINKING WATER QUALITY RESULTS

TABULATED HISTORICAL WATER LEVEL DATA

LABORATORY RESULTS GW-1 2023

Vernondale Store, North Sutton, New Hampshire-Historical Monitoring Data

NHDES # 19708016-LUST-WLP#3

MW-1 (All Concentrations in ppb)

DATE SAMPLED	BENEZNE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES	MTBE	TOTAL BTEX	NAPHTHALENE	ALKYBENZENES	1,2,4-TRIMETHYL BENZENE	1,3,5-TRIMETHYL BENZENE	N-PROPYL BENZENE	N-BUTYL BENZENE	P-ISOPROPYL TOLUENE	TERT-BUTYL BENZENE	SEC-BUTYL BENZENE	EDB	DBCP	COMMENTS
09/24/97	BDL	BDL	BDL	BDL	393	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
02/24/98	BDL	BDL	BDL	BDL	44	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
03/11/98	BDL	BDL	BDL	BDL	12	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
03/31/99	BDL	BDL	BDL	BDL	4	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
07/01/99	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/02/99	9	76	BDL	151	7,540	236	BDL	46	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
04/11/00	BDL	BDL	BDL	BDL	3	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
06/26/00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
09/06/00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/02/01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
07/03/01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/13/01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
04/02/02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/06/02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/07/03	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/17/03	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/14/04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/04/04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/02/05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/01/05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/02/06	BDL	BDL	BDL	BDL	1	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
08/03/06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/22/06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
04/03/07	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
07/31/07	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/07/07	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/19/08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/01/08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
05/06/09	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/09/09	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
05/28/10	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/05/10	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
05/04/11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/05/11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
05/09/12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/11/12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
05/08/13	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/01/13	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
05/29/14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/01/14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
04/29/15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
01/27/16	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
08/18/16	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
10/02/16	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
05/17/17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/02/17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
05/01/18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/03/18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
04/30/19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/01/19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.85	BDL	BDL	BDL	BDL	0.85	BDL	BDL	NS	NS	
04/20/20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/05/20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
04/07/21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/06/21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
05/10/22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/13/22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
05/08/23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
AGQS	5	1,000	700	10,000	13	NA	100	*1960	330	330	260	260	260	260	260	0.05	0.2	

Bold Italic-Exceed NHDES Method 1 GW-1 Category Limits

VOCs-Volatile Organic Compounds-EPA Method 8260B for monitoring wells

BDL-Below Detection Limit specified by the Laboratory

SPR-See Previous Reports na- not sampled

*** Per previous NHDES policies, alkybenzenes included 1,2,4 Trimethyl benzene, 1,3,5 Trimethyl benzene,**

n-propyl benzene, n-butyl benzene, 4-isopropyl toluene, tert-butyl benzene and sec-butyl benzene.

The sum of these compounds is compared to the revised NHDES GW-1 standard of 1960 ppb

Current AGQS based New Hampshire code of Administrative Rules Part Env-Wm 1403.05

EDB = 1,2 Dibromoethane

DBCP = 1,2 Dibromo-3-chloropropane

R - Well Replaced

Historical Groundwater Analytical Table (VOCs)
Verdondale Store

MW-2 (All Concentrations in ppb)

DATE SAMPLED	BENEZNE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES	MTBE	TOTAL BTEX	NAPHTHALENE	ALKYBENZENES	1,2,4-TRIMETHYL BENZENE	1,3,5-TRIMETHYL BENZENE	N-PROPYL BENZENE	N-BUTYL BENZENE	P-ISOPROPYL TOLUENE	TERT-BUTYL BENZENE	SEC-BUTYL BENZENE	EDB	DBCP	COMMENTS
09/24/97	5,260	25,600	975	9,260	110,000	41,095	196	874	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
02/24/98	6,160	32,100	2,040	15,260	338,000	55,560	183	1,386	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
03/11/98	3,490	23,800	1,850	11,000	85,200	40,140	180	985	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
03/31/99	4,320	26,700	975	18,150	76,660	50,145	BDL	2,959	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
07/01/99	556	4,711	446	3,690	2,960	9,403	77	998	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/02/99	326	5,630	552	2,720	3,500	9,228	BDL	1,118	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
04/11/00	1,430	19,100	1,250	15,370	10,700	37,150	303	4,521	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
06/26/00	1,180	93,300	2,230	16,970	2,390	113,680	453	5,938	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
09/06/00	351	11,200	1,980	15,880	928	29,411	603	6,046	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/02/01	224	11,400	1,100	16,520	338	29,244	352	2,950	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
07/03/01	BDL	5,110	1,620	13,410	BDL	20,140	389	3,254	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/13/01	BDL	1,150	869	7,190	51	9,209	287	2,862	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
5/6/02	BDL	236	263	3,760	BDL	4,259	122	1,706	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/07/03	BDL	742	223	7,140	BDL	8,105	259	2,220	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/17/03	BDL	680	450	7,930	78	9,060	228	621	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/14/04	BDL	BDL	134	3,085	BDL	3,219	106	1,143	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/04/04	BDL	BDL	565	5,850	218	6,415	264	3,841	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/02/05	BDL	BDL	120	2,142	69	2,262	95	889	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/01/05	BDL	338	256	4,704	377	4,366	159	1,457	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/02/06	BDL	BDL	BDL	BDL	1	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
08/03/06	BDL	88	143	1,478	1,030	1,709	106	1,024	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/22/06	BDL	BDL	BDL	632	5,540	632	BDL	659	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
04/03/07	BDL	BDL	BDL	391	86	391	BDL	245	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
07/31/07	BDL	BDL	69	368	BDL	437	53	1104	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/07/07	BDL	BDL	61	384	BDL	445	42	1061	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/19/08	BDL	BDL	35	288	BDL	323	68	1023	730	212	34	BDL	33	BDL	BDL	NS	NS	
10/01/08	BDL	BDL	59	272	BDL	331	47	866	708	65	93	BDL	BDL	BDL	BDL	BDL	BDL	26 isopropylbenzene
05/06/09	BDL	BDL	21	134	BDL	155	21	228.5	173	18	19	BDL	11	BDL	BDL	NS	NS	7.5 isopropylbenzene
10/09/09	BDL	BDL	63	302	BDL	365	64	1021	829	90	102	BDL	BDL	BDL	BDL	NS	NS	26 isopropylbenzene
05/28/10	BDL	BDL	26	77	BDL	103	20	352	255	47	39	BDL	BDL	BDL	BDL	NS	NS	11 isopropylbenzene
10/05/10	BDL	BDL	25	38.2	BDL	63.2	36	656	492	33	90	BDL	7.2	BDL	16	NS	NS	18 isopropylbenzene
05/04/11	BDL	BDL	3.8	23.2	BDL	27	2.5	80.8	33	8.5	3.9	BDL	BDL	BDL	BDL	NS	NS	1.3 isopropylbenzene, 20 acetone
10/05/11	BDL	BDL	49	297	BDL	346	37	294.8	228	33	25	BDL	BDL	BDL	BDL	NS	NS	8.8 isopropylbenzene
05/09/12	BDL	BDL	9.4	15.7	1.4	26.5	5.9	98.2	77	3.5	11	BDL	BDL	BDL	2.6	NS	NS	4.1 isopropylbenzene
10/11/12	BDL	BDL	18	28.2	BDL	46.2	17	429	346	15	47	BDL	BDL	BDL	10	NS	NS	11 isopropylbenzene
05/08/13	12	BDL	28	63	BDL	103	10	206.4	162	16	21	BDL	BDL	BDL	BDL	NS	NS	7.4 isopropylbenzene
10/01/13	BDL	BDL	22	31.4	BDL	53.4	BDL	333.1	250	24	37	11	2.5	BDL	BDL	NS	NS	8.6 isopropylbenzene ppb
05/29/14	BDL	BDL	42	150	BDL	192	12	319.6	240	50	21	BDL	BDL	BDL	2.4	NS	NS	6.2 isopropylbenzene ppb
10/01/14	BDL	BDL	24	32	BDL	56	BDL	297.1	210	23	37	11	2.7	BDL	2.4	NS	NS	11 isopropylbenzene ppb
04/29/15	BDL	BDL	81	350	BDL	431	23	412.7	290	70	33	5.2	BDL	BDL	2.5	NS	NS	12 isopropylbenzene ppb
01/27/16	BDL	BDL	17	32	BDL	49	3.6	120	87	7.7	15	2.9	0.92	BDL	2.2	NS	NS	4.6 isopropylbenzene ppb
08/18/16	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
10/02/16	350	1200	66	290	BDL	1906	na	174	110	BDL	18	34	BDL	BDL	12	na	na	
05/17/17	3.8	1.9	5.6	11	ND	22.3	na	49.5	34	8.1	4.5	0.58	BDL	BDL	0.87	na	na	1.5 isopropylbenzene
10/02/17	2	BDL	10	5.2	BDL	17.2	2.9	37.88	17	BDL	15	BDL	0.78	BDL	BDL	na	na	5.1 isopropylbenzene ppb
05/01/18	BDL	BDL	5.3	11	BDL	16.3	BDL	26.72	19	4.52	BDL	BDL	BDL	BDL	BDL	NS	NS	0.92 isopropylbenzene ppb
10/03/18	BDL	BDL	2.3	BDL	BDL	2.3	BDL	26.77	13	BDL	5.8	2	0.67	BDL	3.1	NS	NS	2.2 isopropylbenzene
04/30/19	BDL	BDL	15	54	BDL	69	4.4	200.63	150	30	14	1.2	0.73	BDL	BDL	NS	NS	4.7 isopropylbenzene
10/01/19	BDL	BDL	1.5	BDL	BDL	1.5	BDL	19.4	BDL	BDL	5.9	3.8	BDL	BDL	6.8	NS	NS	2.9 isopropylbenzene ppb
04/20/20	BDL	BDL	20	49	BDL	69	5.8	168.88	120	24	16	1	0.58	BDL	1.7	NS	NS	5.4 isopropylbenzene ppb
10/05/20	BDL	BDL	1.6	1.1	BDL	2.7	3.4	43.2	10	BDL	8.4	12	1.3	BDL	9	NS	NS	2.5 isopropylbenzene ppb
04/07/21	BDL	BDL	0.61	1.2	BDL	1.81	BDL	9.22	7.4	BDL	1.3	BDL	BDL	BDL	BDL	NS	NS	0.52 isopropylbenzene ppb
10/06/21	BDL	BDL	0.58	BDL	BDL	0.58	BDL	14.68	6.2	BDL	2.9	2.1	BDL	BDL	2.5	NS	NS	0.98 isopropylbenzene ppb
05/10/22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/13/22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.47	3.2	BDL	BDL	1.2	1.4	BDL	2.1	NS	NS	0.57 isopropylbenzene ppb
05/08/23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
AGQS	5	1,000	700	10,000	13	NA	100	*1960	330	330	260	260	260	260	260	0.05	0.2	

Historical Groundwater Analytical Table (VOCs)
All Concentrations in ppb
MW-3

DATE SAMPLED	BENEZNE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES	MTBE	TOTAL BTEX	NAPHTHALENE	ALKYBENZENES	1,2,4-TRIMETHYL BENZENE	1,3,5-TRIMETHYL BENZENE	N-PROPYL BENZENE	N-BUTYL BENZENE	P-ISOPROPYL TOLUENE	TERT-BUTYL BENZENE	SEC-BUTYL BENZENE	EDB	DBCP	COMMENTS
09/24/97	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
02/24/98	8,790	30,200	2,460	13,060	27,900	54,510	262	2,222	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
03/11/98	7,870	25,400	2,390	12,970	36,300	48,630	BDL	1,270	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
03/31/99	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
07/01/99	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/02/99	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
04/11/00	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
06/26/00	897	27,500	3,860	22,540	BDL	54,797	427	5,925	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
09/06/00	905	11,100	2,920	20,850	BDL	35,775	378	6,871	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/02/01	228	2,900	1,390	7,470	BDL	11,988	188	1,840	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
07/03/01	BDL	15,100	4,060	23,590	BDL	42,750	903	4,153	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/13/01	1,300	28,400	4,430	26,890	BDL	61,020	BDL	3,754	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
5/6/02	730	14,500	3,410	20,900	BDL	39,540	BDL	3,130	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/07/03	BDL	9,200	2,510	17,210	BDL	28,830	BDL	3,687	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/17/03	BDL	3,780	1,990	13,550	BDL	19,320	320	2,510	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/14/04	BDL	12,000	4,220	27,120	BDL	43,340	583	5,010	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/04/04	303	17,700	3,910	23,650	BDL	45,563	449	4,645	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/02/05	BDL	1,720	1,670	11,220	BDL	14,610	309	3,772	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/01/05	3	6	36	181	24	223	7	72	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/02/06	BDL	4,020	2,550	16,190	BDL	22,760	BDL	3,773	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
08/03/06	BDL	64	440	2,895	BDL	3,399	199	3,332	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/01/06	BDL	42	73	206	BDL	321	9	66	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
04/03/07	BDL	102	136	521	167	759	19	244	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
07/31/07	BDL	799	1230	6970	BDL	8999	251	2940	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/07/07	BDL	125	555	1778	60	2458	162	2779	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/19/08	BDL	66	184	831	BDL	1081	37	961	638	164	119	BDL	40	BDL	BDL	NS	NS	
10/01/08	BDL	38	377	1010	BDL	1425	102	1876	1380	315	181	BDL	BDL	BDL	BDL	BDL	BDL	68 isopropylbenzene
05/06/09	BDL	90	191	984	BDL	1265	27	715.8	486	93	89	BDL	7.8	BDL	BDL	NS	NS	40 isopropylbenzene
10/09/09	BDL	21	315	1070	BDL	1406	84	1411	967	232	145	BDL	14	BDL	BDL	NS	NS	53 isopropylbenzene
05/28/10	BDL	271	986	5020	BDL	6277	138	2362	1600	404	197	BDL	18	BDL	BDL	NS	NS	83 isopropylbenzene
10/05/10	BDL	125	170	867	BDL	1162	60	771	540	136	71	BDL	BDL	BDL	BDL	NS	NS	24 isopropylbenzene
05/04/11	2.8	36	71	166	BDL	275.8	7.2	200.5	132	37	23	BDL	BDL	BDL	BDL	NS	NS	8.5 isopropylbenzene
10/05/11	BDL	BDL	6	11.4	BDL	17.4	0.6	9.5	7.6	BDL	1.2	BDL	BDL	BDL	BDL	NS	NS	0.7 isopropylbenzene
05/09/12	6.3	25	143	499	BDL	673.3	21	471	321	81	48	BDL	BDL	BDL	BDL	NS	NS	21 isopropylbenzene
10/11/12	18	289	410	1598	BDL	2315	62	972	663	170	102	BDL	BDL	BDL	BDL	NS	NS	37 isopropylbenzene
05/08/13	17	174	792	2560	BDL	3543	122	1909	1270	347	204	BDL	BDL	BDL	BDL	NS	NS	82 isopropylbenzene
10/01/13	15	120	510	2200	BDL	2845	BDL	1369	930	230	140	23	BDL	BDL	BDL	NS	NS	46 isopropylbenzene
05/29/14	2.4	15	100	260	BDL	377	12	280	200	36	30	0.72	0.5	BDL	0.83	NS	NS	12 isopropylbenzene
10/01/14	BDL	20	280	730	BDL	1030	BDL	1011	690	160	120	BDL	BDL	BDL	BDL	NS	NS	41 isopropylbenzene
04/29/15	1.3	13	73	194	BDL	281.3	4.8	80	56	8	9.1	0.68	BDL	BDL	0.51	NS	NS	5.8 isopropylbenzene
01/27/16	3.2	17	140	320	BDL	480	15	377	270	48	37	5.2	BDL	BDL	2.7	NS	NS	14 isopropylbenzene
08/18/16	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
10/02/16	BDL	190	510	2000	BDL	2700	100	1894	1300	300	190	30	BDL	BDL	11	na	na	63 isopropylbenzene
R 5/17/17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/02/17	3.6	41	260	420	BDL	724.0	30	414	260	29	77	6.7	2	BDL	7.4	NS	NS	32 isopropylbenzene
05/01/18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/03/18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
04/30/19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/01/19	BDL	21	230	590	BDL	841	32	620	390	62	100	8.7	2.4	BDL	10	NS	NS	47 isopropylbenzene
04/20/20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.56	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	0.56 isopropylbenzene
10/05/20	BDL	19	200	970	BDL	1189	31	325.6	210	26	56	2.9	BDL	BDL	3.7	NS	NS	27 isopropylbenzene
04/07/21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/06/21	BDL	BDL	5.4	4	BDL	9.4	BDL	33.78	19	BDL	9	0.62	BDL	BDL	0.96	NS	NS	4.2 isopropylbenzene
05/10/22	BDL	4	46	140	BDL	190	BDL	535.1	350	82	68	5.9	2	BDL	5.2	NS	NS	22 isopropylbenzene
10/13/22	BDL	33	260	1500	BDL	1793	39	866	570	150	97	7.7	BDL	BDL	7	NS	NS	35 isopropylbenzene
05/08/23	1.1	2	BDL	110	BDL	123	6.7	279.3	150	49	52	6.2	1.9	BDL	5.2	NS	NS	15 isopropylbenzene
AGQS	5	1,000	700	10,000	13	NA	100	*1960	330	330	260	260	260	260	260	0.05	0.2	

Historical Groundwater Analytical Table (VOCs)-Verdondale Store
All Concentrations in ppb
MW-4

DATE SAMPLED	BENEZNE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES	MTBE	TOTAL BTX	NAPHTHALENE	ALKYBENZENES	1,2,4-TRIMETHYL BENZENE	1,3,5-TRIMETHYL BENZENE	N-PROPYL BENZENE	N-BUTYL BENZENE	P-ISOPROPYL TOLUENE	TERT-BUTYL BENZENE	SEC-BUTYL BENZENE	EDB	DBCP	COMMENTS
09/24/97	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
02/24/98	516	843	199	1,098	7,530	2,656	9	159	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
03/11/98	1,830	2,640	318	1,279	32,000	6,067	BDL	135	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
03/31/99	1,350	1,120	451	1,597	24,000	4,518	54	325	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
07/01/99	284	50	68	120	6,290	522	BDL	42	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/02/99	428	BDL	BDL	96	7,300	524	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
04/11/00	1,140	2,610	496	2,297	12,700	6,543	38	662	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
06/26/00	1,500	6,220	934	3,380	13,400	12,034	BDL	1,307	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
09/06/00	758	1,090	529	2,115	14,400	4,492	310	1,039	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/02/01	407	1,080	260	1,142	2,140	2,889	BDL	169	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
07/03/01	686	1,540	316	1,124	3,830	3,666	BDL	197	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	ETHYL T-BUTYL ETHER 262
11/13/01	BDL	35	16	78	670	129	BDL	11	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
5/6/02	203	BDL	112	248	1,660	563	BDL	103	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/07/03	197	611	278	1,019	869	2,105	BDL	226	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/17/03	25	BDL	BDL	19	38	44	BDL	3	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	ETBE 3 ppb; TBA 61 ppb
05/14/04	24	BDL	BDL	8	67	32	BDL	2	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	ETBE 3 ppb; TBA 39 ppb
11/04/04	16	BDL	BDL	10	24	26	1	3	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	ETBE 2 ppb; TBA 30 ppb
05/02/05	53	143	70	370	83	636	11	89	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	ETBE 7 ppb; TAME 7 ppb
11/01/05	120	269	161	769	179	1,319	17	206	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	TAME 25 ppb
05/02/06	145	182	351	1,125	216	1,803	47	501	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	TAME 23 ppb
08/03/06	150	992	509	2,096	187	3,747	63	574	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	TAME 14 ppb
11/22/06	163	256	415	1,644	156	2,478	29	524	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	TAME 14 ppb
04/03/07	33	2	84	248	76	367	2	91	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	ETBE 2 ppb; TAME 3 ppb
07/31/07	61	BDL	154	335	152	550	18	281	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	TAME 8 ppb
11/07/07	11	BDL	2	2	26	15	BDL	5	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	ETBE 1 ppb
05/19/08	101	2,380	643	2470	119	6634	69	830	596	157	77	BDL	BDL	BDL	BDL	NS	NS	
10/01/08	20	2.9	80	210	18	312.9	5.2	107	80	15	12	BDL	BDL	BDL	BDL	BDL	BDL	5.9 isopropylbenzene
05/06/09	66	159	226	970	30	1421	49.0	569	416	64	59	BDL	BDL	BDL	BDL	BDL	BDL	30 isopropylbenzene
10/09/09	7.5	BDL	4	26	7.5	37.5	BDL	18	9.4	0.9	5.1	BDL	BDL	BDL	BDL	NS	NS	2.6 isopropylbenzene, 0.7 ETBE
05/28/10	18	BDL	21	31	6.6	70	0.7	37.1	17	2.2	12	BDL	BDL	BDL	BDL	0.8	NS	5.9 isopropylbenzene, 0.8 ETBE
10/05/10	7.8	BDL	1	16	10	24.8	0	11.9	5.4	0.9	3.8	BDL	BDL	BDL	BDL	NS	NS	1.8 isopropylbenzene
05/04/11	29	7.5	140	424	8.8	600.5	8	246	175	26	32	BDL	BDL	BDL	BDL	BDL	BDL	13 isopropylbenzene
10/05/11	4.8	0.7	BDL	6.3	4	11.8	BDL	3.9	1.9	BDL	1.3	BDL	BDL	BDL	BDL	BDL	BDL	0.7 isopropylbenzene
05/09/12	3.1	BDL	BDL	0.7	2.7	3.8	BDL	0.7	BDL	BDL	0.7	BDL	BDL	BDL	BDL	NS	NS	
10/11/12	5.1	BDL	BDL	6	5.3	11.1	BDL	4.4	2.5	BDL	1.3	BDL	BDL	BDL	BDL	NS	NS	0.6 isopropylbenzene
05/08/13	4.2	BDL	BDL	1.9	4.6	6.1	BDL	1.5	BDL	BDL	0.9	BDL	BDL	BDL	BDL	NS	NS	0.6 isopropylbenzene
10/01/13	5.2	BDL	BDL	3.7	3.8	BDL	BDL	1.27	BDL	BDL	0.68	BDL	BDL	BDL	BDL	NS	NS	0.59 isopropylbenzene
05/29/14	2.7	BDL	BDL	2.7	1.4	5.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/01/14	3.8	BDL	BDL	6.2	2	10	BDL	2.6	2.6	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
04/29/15	2.3	BDL	BDL	BDL	1.8	2.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
01/27/16	1.3	BDL	BDL	1	BDL	2.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
08/18/16	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
10/02/16	1.7	BDL	BDL	2.6	1.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
R 5/17/17	2.8	BDL	4.6	8.4	BDL	15.8	BDL	33.7	21	3.2	6.6	BDL	BDL	BDL	BDL	0.5	NS	2.4 isopropylbenzene
10/02/17	1.3	BDL	2.9	7.7	1	11.9	BDL	9.45	7.3	BDL	1.2	BDL	BDL	BDL	BDL	NS	NS	0.95 isopropylbenzene
05/01/18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/03/18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
04/30/19	5.5	190	360	1,900	BDL	2455.5	86	2,036.50	1,500	280	BDL	6.6	5.7	BDL	8.2	NS	NS	56 isopropylbenzene
10/01/19	0.82	BDL	5.9	29	BDL	35.72	BDL	37.78	27	3.4	4	BDL	0.52	0.66	BDL	NS	NS	2.2 isopropylbenzene
04/20/20	BDL	540	500	3,400	BDL	4440	120	1,713.00	1,200	280	160	6.9	BDL	BDL	7.6	NS	NS	59 isopropylbenzene
10/05/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
04/07/21	5.7	340	350	2500	BDL	3195.7	33	BDL	850	200	150	5.3	2.9	BDL	7	NS	NS	67 isopropylbenzene
10/06/21	BDL	BDL	3.5	14	BDL	17.5	BDL	17.2	11	BDL	4.4	BDL	BDL	BDL	BDL	NS	NS	1.8 isopropylbenzene
05/10/22	0.77	BDL	7.9	6.2	BDL	14.8	BDL	14	6.9	BDL	5	BDL	BDL	BDL	BDL	NS	NS	2.1 isopropylbenzene
10/13/22	BDL	BDL	BDL	7.8	BDL	7.8	BDL	8.28	7.4	BDL	0.88	BDL	BDL	BDL	BDL	NS	NS	
05/08/23	0.94	4.6	44	86	BDL	135.54	4.8	179.7	120	13	31	3.1	1	BDL	2.6	NS	NS	9.3 isopropylbenzene
AGQS	5	1,000	700	10,000	13	NA	100	*1960	330	330	260	260	260	260	260	0.05	0.2	

Historical Groundwater Analytical Table (VOCs)

MW-7																					COMMENTS
DATE SAMPLED	BENEZNE	TOLUENE	ETHYL.BENZENE	TOTAL XYLENES	MTBE	TOTAL BTX	NAPHTHALENE	ALKYBENZENES	1,2,4-TRIMETHYL BENZENE	1,3,5-TRIMETHYL BENZENE	N-PROPYL BENZENE	N-BUTYL BENZENE	P-ISOPROPYL TOLUENE	TERT-BUTYL BENZENE	SEC-BUTYL BENZENE	EDB	DBCP				
09/24/97	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
02/24/98	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
03/11/98	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
03/31/99	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
07/01/99	BDL	BDL	BDL	BDL	81	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
11/02/99	7	BDL	BDL	BDL	179	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
04/11/00	2	BDL	BDL	9	17	11	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
06/26/00	BDL	BDL	BDL	BDL	163	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
09/06/00	12	BDL	BDL	4	429	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	ETHYL T-BUTYL ETHER 2/3			
05/02/01	BDL	BDL	BDL	BDL	114	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	CARBON DISULFIDE 14/5			
07/03/01	7	BDL	BDL	BDL	157	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	ACETONE 21/10			
11/13/01	BDL	BDL	BDL	BDL	25	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
05/06/02	BDL	BDL	BDL	BDL	13	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
05/07/03	1	BDL	BDL	BDL	11	1	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
05/14/04	BDL	BDL	BDL	BDL	12	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
11/04/04	BDL	BDL	BDL	BDL	17	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
05/02/05	BDL	BDL	BDL	BDL	3	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	Acetone at 23 ppb			
11/01/05	1	BDL	BDL	BDL	11	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
05/02/06	BDL	BDL	BDL	BDL	3	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
08/03/06	2	BDL	BDL	8	16	10	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
11/22/06	10	24	10	66	3	110	BDL	2	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
04/03/07	flooded								SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
07/31/07	22	2	7	90	46	121	BDL	6	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS				
11/07/07	29	BDL	12	196	48	237	BDL	11	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	ETBE 1 ppb; TAME 1 ppb			
05/19/08	9	3	24	184	18	220	2	35	24	6	3	BDL	BDL	BDL	BDL	NS	NS				
10/01/08	8.6	BDL	BDL	130	18	138.6	0.9	16.7	13	2.7	1	BDL	BDL	BDL	BDL	BDL	BDL	ETBE 0.7 ppb; TBA 11 ppb, 0.7 isopropylbenzene			
05/06/09	3.3	BDL	5	84	16	918	1	17.6	13	2.7	1.2	BDL	BDL	BDL	BDL	NS	NS				
10/09/09	1.9	BDL	BDL	83	9.7	84.9	0.5	12.2	9.4	2.1	0.7	BDL	BDL	BDL	BDL	NS	NS				
05/28/10	1.6	BDL	0.7	43	12	45.3	0.6	9.2	7.2	1.3	0.7	BDL	BDL	BDL	BDL	NS	NS				
10/05/10	BDL	BDL	BDL	16.1	2.5	16.1	BDL	3.7	3.7	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
05/04/11	BDL	BDL	BDL	4.6	BDL	4.9	BDL	2.1	2.1	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
10/05/11	BDL	BDL	BDL	23	0.8	3	BDL	4.6	3.9	0.7	BDL	BDL	BDL	BDL	BDL	NS	NS				
05/09/12	BDL	BDL	BDL	21.4	1.9	21.4	BDL	4.2	3.4	0.8	BDL	BDL	BDL	BDL	BDL	NS	NS				
10/11/12	BDL	BDL	BDL	5.9	1	5.9	BDL	1.4	1.4	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
05/08/13	BDL	BDL	BDL	7	2.2	7	BDL	2.1	2.1	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
10/01/13	BDL	BDL	BDL	10.6	BDL	10.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
05/29/14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
10/01/14	BDL	BDL	BDL	6.5	1.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
04/29/15	BDL	BDL	BDL	2.8	BDL	2.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
01/27/16	BDL	BDL	BDL	3.4	BDL	3.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
08/18/16	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na				
10/02/16	BDL	BDL	BDL	3.2	BDL	3.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
05/17/17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
10/02/17	BDL	BDL	BDL	2.8	BDL	2.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
05/01/18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
10/03/18	BDL	BDL	BDL	5.9	BDL	5.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
04/30/19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	Acetone at 9.8 ppb			
10/01/19	BDL	BDL	BDL	1.3	BDL	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
04/20/20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
10/05/20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
04/07/21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
10/06/21	BDL	BDL	BDL	1.6	BDL	1.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
05/10/22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
10/13/22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
05/08/23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS				
AGQS	5	1,000	700	10,000	13	NA	100	*1960	330	330	260	260	260	260	260	0.05	0.2				

Historical Groundwater Analytical Table (VOCs)
Verdondale Store
North Sutton, New Hampshire
NHDES # 19708016-LUST-WLP#3
All Concentrations in ppb

MW-8																		
DATE SAMPLED	BENEZNE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES	MTBE	TOTAL BTX	NAPHTHALENE	ALKYBENZENES	1,2,4-TRIMETHYL BENZENE	1,3,5-TRIMETHYL BENZENE	N-PROPYL BENZENE	N-BUTYL BENZENE	P-ISOPROPYL TOLUENE	TERT-BUTYL BENZENE	SEC-BUTYL BENZENE	EDB	DBCP	COMMENTS
09/24/97	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
02/24/98	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
03/11/98	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
03/31/99	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
07/01/99	659	47	18	800	8,250	1,524	11	182	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/02/99	1,520	BDL	BDL	1,721	14,200	3,241	BDL	614	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
04/11/00	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	flooded
06/26/00	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	flooded
09/06/00	303	22	BDL	690	1,780	BDL	BDL	169	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/02/01	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	flooded
07/03/01	70	15	28	283	210	396	NS	48	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	ETHYL T-BUTYL ETHER 5
11/13/01	897	BDL	55	3,750	2,420	4,702	BDL	108	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	ETHYL T-BUTYL ETHER 60
05/06/02	65	BDL	55	423	185	543	10	79	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/07/03	419	BDL	69	1,688	761	2,176	34	294	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	TAME 91ppb; ETBE 41 ppb
11/17/03	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	could not be sampled due to surface water
05/14/04	848	1,580	556	4,640	676	7,624	54	573	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	TAME 93ppb; ETBE 30 ppb
11/04/04	674	BDL	160	4,060	439	4,894	BDL	337	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/02/05	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	not sampled due to flooding
10/03/05	141	NS	NS	1,846	48	1,987	36	302	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/02/06	13	3	13	145	5	174	BDL	17	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
08/03/06	11	1	13	39	11	64	16	64	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
10/11/06	18	BDL	4	43	5	65	22	33	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
04/03/07	flooded								SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
07/31/07	BDL	BDL	BDL	BDL	6	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
11/07/07	BDL	BDL	BDL	1	36	1	BDL	1	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	
05/19/08	BDL	BDL	4	18	1	22	3	33	20	7	4	BDL	BDL	BDL	BDL	NS	NS	
10/01/08	BDL	BDL	BDL	4.4	0.5	4.4	BDL	5.8	4.6	0.5	0.7	BDL	BDL	BDL	BDL	BDL	BDL	0.5 isopropylbenzene
05/06/09	3.3	6.7	61	393	BDL	464	10	1831	139	24	13	BDL	BDL	BDL	BDL	BDL	NS	7.1 isopropylbenzene
10/09/09	BDL	0.5	2.8	54.9	BDL	58.2	2.3	30.3	23	4.3	2	BDL	BDL	BDL	BDL	BDL	NS	1.0 isopropylbenzene
05/28/10	11	174	187	1460	BDL	1832	45	374	262	61	34	BDL	BDL	BDL	BDL	BDL	NS	17 isopropylbenzene
10/05/10	BDL	7.5	69	555	BDL	631.5	9.5	130.5	95	21	9.3	BDL	BDL	BDL	BDL	BDL	NS	5.2 isopropylbenzene
05/04/11	BDL	BDL	66	655	BDL	721	18	243.3	173	43	20	BDL	BDL	BDL	BDL	BDL	NS	7.30 isopropylbenzene
10/05/11	flooded																	
10/11/12	16	11	291	2474	BDL	2792	66	704	503	124	52	BDL	BDL	BDL	BDL	BDL	NS	25 ppb isopropylbenzene
05/08/13	14	15	139	2030	BDL	2198	72	710	505	119	59	BDL	BDL	BDL	BDL	BDL	NS	NS
10/01/13	0.6	BDL	3	85	BDL	88.6	2.7	34.25	25	5.9	2.4	BDL	BDL	BDL	BDL	BDL	NS	0.95 isopropylbenzene
05/29/14	BDL	BDL	5.2	160	BDL	165.2	8.4	199	98	20	7.9	BDL	BDL	BDL	BDL	BDL	NS	2.4 isopropylbenzene
10/01/14	6.4	BDL	48	1214	0	1268	33	549	400	100	34	BDL	BDL	BDL	BDL	BDL	NS	15 isopropylbenzene
04/29/15	4.7	11	86	733	BDL	834	28	293	210	52	21	BDL	BDL	BDL	BDL	BDL	NS	10 isopropylbenzene/41 acetone
01/27/16			flooded-ice in															
08/18/16	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
10/02/16	12	BDL	160	2,900	BDL	3072	120	1162	840	210	76	BDL	BDL	BDL	BDL	BDL	NS	36 isopropylbenzene
05/17/17	flooded																	
10/02/17	13	BDL	38	1,600	BDL	1651	79	797	590	140	43	BDL	BDL	BDL	BDL	BDL	NS	24 ppb isopropylbenzene
05/01/18	4.3	2.41	41	840	BDL	887	45	516	380	88	31	1.3	1.2	BDL	BDL	BDL	NS	15 ppb isopropylbenzene
10/03/18	flooded																	
04/30/19	flooded																	
10/01/19	4.9	BDL	22	1400	BDL	1426.4	63	810	620	150	23	BDL	BDL	BDL	BDL	BDL	NS	17 ppb isopropylbenzene
04/20/20	BDL	BDL	BDL	21	BDL	21	3	30.2	27	3.2	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS
10/05/20	1.6	BDL	0.81	190	BDL	192.41	30	249.5	220	28	BDL	BDL	0.82	BDL	BDL	BDL	NS	0.68 ppb isopropylbenzene
04/07/21	0.69	BDL	BDL	9.7	BDL	10.39	BDL	34	34	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS
10/06/21	0.99	BDL	BDL	170	BDL	170	18	211.7	180	31	BDL	BDL	BDL	BDL	BDL	BDL	NS	0.70 ppb isopropylbenzene
05/10/22	BDL	0.95	1.7	62	BDL	64.65	6.2	91.8	76	13	1.4	BDL	BDL	BDL	BDL	BDL	NS	1.4 ppb isopropylbenzene
10/13/22	3.9	28	120	1500	BDL	1651.9	44	782	580	140	38	BDL	BDL	BDL	BDL	BDL	NS	24 ppb isopropylbenzene
05/08/23	flooded																	
AGQS	5	1,000	700	10,000	13	NA	100	*1960	330	330	260	260	260	260	260	0.05	0.2	

MW-6

DATE	BENEZNE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES	MTBE	TOTAL BTEX	NAPHTHALENE	ALKYBENZENES	1,2,4-TRIMETHYL BENZENE	1,3,5-TRIMETHYL BENZENE	N-PROPYL BENZENE	N-BUTYL BENZENE	P-ISOPROPYL TOLUENE	TERT-BUTYL BENZENE	SEC-BUTYL BENZENE	EDB	DBCP	COMMENTS
9/24/1997	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
2/24/1998	BDL	4	BDL	3	3	7	BDL	BDL	NS	NS	NS	NS	NS	NS	NS	NS	NS	
3/11/1998	BDL	BDL	BDL	2	3	2	BDL	BDL	NS	NS	NS	NS	NS	NS	NS	NS	NS	
3/31/1999	BDL	BDL	BDL	BDL	3	BDL	BDL	BDL	NS	NS	NS	NS	NS	NS	NS	NS	NS	
7/1/1999	BDL	BDL	BDL	BDL	3	BDL	BDL	BDL	NS	NS	NS	NS	NS	NS	NS	NS	NS	
11/2/1999	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	NS	NS	NS	NS	NS	NS	NS	
4/11/2000	BDL	BDL	BDL	BDL	6	BDL	BDL	BDL	NS	NS	NS	NS	NS	NS	NS	NS	NS	
6/26/2000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	NS	NS	NS	NS	NS	NS	NS	
9/6/2000	BDL	2	BDL	2	3	BDL	BDL	BDL	NS	NS	NS	NS	NS	NS	NS	NS	NS	
5/2/2001	BDL	BDL	BDL	BDL	4	BDL	BDL	BDL	NS	NS	NS	NS	NS	NS	NS	NS	NS	

7/3/2001	BDL	BDL	BDL	1	3	1	BDL	BDL	NS	NS	NS	NS	NS	NS	NS	NS	NS	
11/13/2001	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
5/6/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
5/7/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
11/17/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

5/2/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
11/1/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
5/17/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS
10/02/17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS
05/01/18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS
04/29/15	4.7	11	86	733	BDL	834	28	293	210	52	21	BDL	BDL	BDL	BDL	BDL	NS	NS
01/27/16			flooded-ice in															
08/18/16	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	10 isopropylbenzene/41 acetone
10/02/16	12	BDL	160	2,900	BDL	3072	120	1162	840	210	76	BDL	BDL	BDL	BDL	BDL	NS	NS
05/01/18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS
10/03/18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS
04/30/19		Well	Damaged															36 isopropylbenzene
10/01/19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS
04/20/20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS
10/05/20	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS
04/07/21	BDL	BDL	BDL	1.1	BDL	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS
10/06/21	BDL	BDL	BDL	1.1	BDL	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS
05/10/22	BDL	BDL	BDL	5.1	BDL	5.1	BDL	4.75	3.4	BDL	0.56	BDL	BDL	BDL	BDL	BDL	NS	NS
10/13/22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS
05/08/23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS
AGQS	5	1,000	700	10,000	13	NA	100	*1960	330	330	260	260	260	260	260	0.05	0.2	

**Historical Groundwater Analytical Table-Drinking Water Wells
Verdondale Store Site, North Sutton, New Hampshire
All Concentrations in ppb**

Vernondale Well																			
DATE SAMPLED	BENEZNE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TOTAL BTEX	NAPHTHALENE	ALKYBENZENES	1,2,4-TRIMETHYL BENZENE	1,3,5-TRIMETHYL BENZENE	N-PROPYL BENZENE	N-BUTYL BENZENE	P-ISOPROPYL TOLUENE	TERT-BUTYL BENZENE	SEC-BUTYL BENZENE	CHLOROFORM	EDB	DBCP	Notes
2/24/1998	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
3/9/1999	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
7/1/1999	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
11/2/1999	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
4/11/2000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
6/26/2000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
9/3/2000	BDL	BDL	BDL	BDL	1.1	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
5/1/2001	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
7/2/2001	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	0.68	NS	NS	
11/13/01	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	8.5	NS	NS	
2/15/2002	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	0.28	NS	NS	
5/6/2002	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	0.31 ppb of 1,4 dichlorobenzene
5/7/2003	BDL	BDL	BDL	BDL	0.54	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	3.6	NS	NS	
11/17/2003	BDL	BDL	BDL	BDL	0.93	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	2	NS	NS	Carbon Disulfide 0.26 ppb
5/14/2004	BDL	BDL	BDL	BDL	0.71	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	1.3	NS	NS	
11/4/2004	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
5/2/2005	BDL	BDL	BDL	BDL	0.51	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	0.99 ppb chloroform
11/1/2005	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	0.29 ppb of chloroform
5/2/2006	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
8/3/2006	BDL	BDL	BDL	BDL	0.7	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
11/22/2006	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	4.4 ppb of chloroform
4/3/2007	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	0.6 ppb of chloroform
7/31/2007	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	0.4 ppb of chloroform
11/7/2007	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	0.3 ppb of chloroform
5/19/2008	BDL	BDL	BDL	BDL	1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/1/2008	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/6/2009	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	0.4 ppb of chloroform
10/9/2009	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/28/2010	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/5/2010	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/4/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/5/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/9/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/11/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/8/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/1/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/28/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/1/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
4/29/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
1/27/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	0.52 ppb Carbon disulfide
4/8/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/17/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/2/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
5/1/2018	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/3/2018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
4/30/2019	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/1/2019	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/5/2020	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
4/7/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/6/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
5/10/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/13/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
5/8/2023	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
AGQS	5	1,000	700	10,000	13	NA	100	1960*	330	330	260	260	260	260	260	6	0.05	0.2	

Current AGQS based New Hampshire code of Administrative Rules Part Env-Wm 1403.05

Bold Italic-Exceed NHDES Method 1 GW-1 Category Limits

VOCs-Volatile Organic Compounds-EPA Method 8260B for monitoring wells

BDL-Below Detection Limit specified by the Laboratory

SPR-See Previous Reports

NS-Not sampled

*For the purpose of this policy alkybenzenes include 1,2,4 Trimethyl benzene, 1,3,5 Trimethyl benzene,

n-propyl benzene, n-butyl benzene, 4-isopropyl toluene, tert-butyl benzene and sec-butyl benzene.

The sum of these compounds is compared to the revised NHDES GW-1 standard of 1960 ppb.

EDB = 1,2 Dibromoethane
DBCP= 1,2 Dibromo-3-chloropropane

Historical Groundwater Analytical Table
Drinking Water Wells
Verdondale Store Site
North Sutton, New Hampshire
NHDES # 19708016-LUST-WLP#3
All Concentrations in ppb

Rahilly Property (formerly Macpherson Well)

DATE SAMPLED	BENEZNE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TOTAL BTEX	NAPHTHALENE	ALKYBENZENES	1,2,4-TRIMETHYL BENZENE	1,3,5-TRIMETHYL BENZENE	N-PROPYL BENZENE	N-BUTYL BENZENE	P-ISOPROPYL TOLUENE	TERT-BUTYL BENZENE	SEC-BUTYL BENZENE	CHLOROFORM	EDB	DBCP	Notes
2/24/1998	BDL	BDL	BDL	BDL	0	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
3/9/1999	BDL	BDL	BDL	BDL	2.9	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
7/1/1999	NS	NS	NS	NS	NS	NS	NS	NS	SPR	SPR	SPR	SPR	SPR	SPR	SPR	NS	NS	NS	
11/2/1999	BDL	2.6	BDL	BDL	5.2	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
4/11/2000	BDL	BDL	BDL	BDL	3.2	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
6/26/2000	BDL	BDL	BDL	BDL	4.4	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
9/3/2000	BDL	BDL	BDL	BDL	5.5	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
5/1/2001	BDL	BDL	BDL	BDL	3	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
7/2/2001	BDL	BDL	BDL	BDL	4.3	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
11/13/01	BDL	BDL	BDL	BDL	3.7	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
2/15/2002	BDL	BDL	BDL	BDL	2.2	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	0.36	NS	NS	
5/6/2002	BDL	BDL	BDL	BDL	2.1	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	0.36	NS	NS	1.1 ppb of chloroform
5/7/2003	BDL	BDL	BDL	BDL	1.8	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	0.57	NS	NS	
11/17/2003	BDL	BDL	BDL	BDL	1.4	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	0.26	NS	NS	
5/14/2004	BDL	BDL	BDL	BDL	0.91	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
11/4/2004	BDL	BDL	BDL	BDL	1.1	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
5/2/2005	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
11/1/2005	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
5/2/2006	BDL	BDL	BDL	BDL	0.41	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
8/3/2006	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
11/22/2006	BDL	BDL	BDL	BDL	0.5	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
4/3/2007	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
7/31/2007	BDL	BDL	BDL	BDL	0.3	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
11/7/2007	BDL	BDL	BDL	BDL	0.3	BDL	BDL	BDL	SPR	SPR	SPR	SPR	SPR	SPR	SPR	BDL	NS	NS	
5/19/2008	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/1/2008	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/6/2009	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/9/2009	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/28/2010	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/5/2010	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/4/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/5/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/9/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/11/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	NS	
5/8/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/1/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/28/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/1/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
4/29/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
1/27/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	0.57 ppb Carbon disulfide
4/8/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/17/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/2/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/1/2018	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/3/2018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
4/30/2019	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/1/2019	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/5/2020	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
4/7/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/6/2021	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/10/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/13/2022	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/8/2023	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
AGQS	5	1,000	700	10,000	13	NA	100	*1960	330	330	260	260	260	260	260	6	0.05	0.2	

McMahon Well																			
DATE SAMPLED	BENEZNE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	MTBE	TOTAL BTEX	NAPHTHALENE	ALKYBENZENES	1,2,4-TRIMETHYL BENZENE	1,3,5-TRIMETHYL BENZENE	N-PROPYL BENZENE	N-BUTYL BENZENE	P-ISOPROPYL TOLUENE	TERT-BUTYL BENZENE	SEC-BUTYL BENZENE	CHLOROFORM	EDB	DBCP	Notes
7/10/2008	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
5/6/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/9/2009	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
5/28/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/5/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
5/4/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
10/5/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
5/9/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
10/11/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	
5/8/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
10/1/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
5/28/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
10/1/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
4/29/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1/27/2016	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
4/8/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
5/17/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/2/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
5/1/2018	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/3/2018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
4/30/2019	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/1/2019	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
10/5/2020	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
4/7/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/6/2021	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
5/10/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/13/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
5/8/2023	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Historical Groundwater Level Data
Verdondale Store
North Sutton, New Hampshire
NHDES # 19708016-LUST-WLP#3

DATE	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11
03/11/98	5.11	3.94	1.55	1.07	2.32	1.87	na	na	na	na	na
03/31/99	4.72	3.93		1.00	2.70	1.74	na	na	na	na	na
07/01/99	na	na	na	na	na	na	na	na	na	na	na
11/02/99	5.92	5.01	na	2.16	2.67	2.47	1.49	0.75	na	na	na
04/11/00	na	na	na	na	na	na	na	na	na	na	na
06/26/00	na	na	na	na	na	na	na	na	na	na	na
09/06/00	na	na	na	na	na	na	na	na	na	na	na
05/02/01	na	na	na	na	na	na	na	na	na	na	na
07/03/01	na	na	na	na	na	na	na	na	na	na	na
11/13/01	na	na	na	na	na	na	na	na	na	na	na
04/02/02	na	na	na	na	na	na	na	na	na	na	na
05/06/02	na	na	na	na	na	na	na	na	na	na	na
05/07/03	na	na	na	na	na	na	na	na	na	na	na
11/17/03	na	na	na	na	na	na	na	na	na	na	na
05/14/04	na	na	na	na	na	na	na	na	na	na	na
11/04/04	na	na	na	na	na	na	na	na	na	na	na
05/02/05	na	na	na	na	na	na	na	na	na	na	na
11/01/05	na	na	na	na	na	na	na	na	na	na	na
05/02/06	5.47	4.35	2.82	2.14	na	na	1.49	0.65	na	na	na
08/03/06	5.21	4.25	2.35	1.82	na	na	na	na	na	na	na
11/22/06	na	na	na	na	na	na	na	na	na	na	na
04/03/07	na	na	na	na	na	na	na	na	na	na	na
07/31/07	na	na	na	na	na	na	na	na	na	na	na
11/07/07	5.91	4.70	2.70	2.10	na	na	1.32	0.35	na	na	na
05/19/08	5.35	4.29	2.40	1.86	na	na	1.42	0.45	na	na	na
10/01/08	5.98	4.81	2.84	2.17	na	na	1.55	0.69	na	na	na
05/06/09	5.58	4.43	2.48	1.84	na	na	1.32	0.43	na	na	na
10/09/09	6.19	4.95	2.97	2.24	na	na	1.56	0.75	na	na	na
05/28/10	6.09	4.90	2.98	2.3	na	na	1.86	0.80	na	na	na
10/05/10	6.28	5.27	3.23	2.51	na	na	1.70	0.96	na	na	na
05/04/11	5.02	3.99	1.97	1.39	na	na	0.95	0.05	na	na	na
10/05/11	5.15	4.05	1.87	1.3	na	na	0.30	flooded	na	na	na
5/9/2012	5.58	4.42	2.45	1.86	na	na	1.37	flooded	na	na	na
10/11/2012	6.6	5.32	3.35	2.62	na	na	1.9	1.14	na	na	na
5/8/2013	6.01	4.85	2.96	2.2	na	na	1.74	0.89	na	na	na
10/1/2013	5.76	4.6	2.63	2.04	na	na	1.55	0.52	na	na	na
5/28/2014	5.76	4.45	2.32	1.65	na	na	1.19	0.19	na	na	na
10/1/2014	6.6	5.35	3.38	2.63	na	na	2.14	2.0	na	na	na
4/29/2015	5.32	4.29	2.37	1.75	na	na	1.41	0.31	na	na	na
1/27/2016	6.16	4.91	2.86	2.35	na	na	1.70	flooded-ice	na	na	na
4/8/2016	5.67	4.45	2.34	1.71	na	na	1.10	0.15	d	d	d
5/17/2017	5.10	4.00	R 0.85	R 1.06	d	R 1.97	0.81	flooded	na	na	na
10/2/2017	7.16	5.79	2.42	2.82	d	3.45	2.5	1.3	d	d	d
5/1/2018	4.45	4.25	1.18	1.71	d	na	1.36	0.3	d	d	d
10/3/2018	5.86	4.73	1.28	1.75	d	2.45	1.16	flooded	d	d	d
4/30/2019	4.77	3.95	0.74	1.13	d	damaged	1.05	flooded	d	d	d
10/1/2019	7.22	6.09	2.94	3.12	d	2.99	2.77	1.83	d	d	d
4/7/2021	5.34	4.42	1.44	1.68	d	2.61	1.5	0.41	d	d	d
10/6/2021	5.92	4.86	1.65	2	d	2.82	1.4	0.76	d	d	d
5/10/2022	5.38	4.37	1.63	1.77	d	2.65	1.61	0.65	d	d	d
10/13/2022	6.60	5.48	2.40	2.55	d	3.40	2.12	1.29	d	d	d
5/9/2023	4.21	3.27	0.43	0.95	d	1.92	0.91	flooded	d	d	d

r=replaced d=decommissioned



ANALYTICAL REPORT

Lab Number:	L2325135
Client:	GS Environmental and Groundwater Assoc. P.O. Box 4247 Portsmouth, NH 03802
ATTN:	Gene Schrager
Phone:	(603) 812-5013
Project Name:	VERNONDALE STORE
Project Number:	202306NH
Report Date:	05/22/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2325135-01	MW-1	WATER	NO. SUTTON, NH	05/08/23 12:00	05/08/23
L2325135-02	MW-2	WATER	NO. SUTTON, NH	05/08/23 12:15	05/08/23
L2325135-03	MW-6	WATER	NO. SUTTON, NH	05/08/23 12:45	05/08/23
L2325135-04	MW-3	WATER	NO. SUTTON, NH	05/08/23 13:00	05/08/23
L2325135-05	MW-4	WATER	NO. SUTTON, NH	05/08/23 13:15	05/08/23
L2325135-06	MW-7	WATER	NO. SUTTON, NH	05/08/23 13:35	05/08/23
L2325135-07	TRIP BLANK	WATER	NO. SUTTON, NH	05/08/23 00:00	05/08/23

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

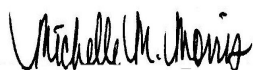
Case Narrative (continued)

Sample Receipt

L2325135-07: A sample identified as "TRIP BLANK" was received, but not listed on the Chain of Custody. This sample was not analyzed.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 05/22/23

ORGANICS

VOLATILES

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

SAMPLE RESULTS

Lab ID: L2325135-01
Client ID: MW-1
Sample Location: NO. SUTTON, NH

Date Collected: 05/08/23 12:00
Date Received: 05/08/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/23 15:24
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1

Project Name: VERNONDALE STORE**Lab Number:** L2325135**Project Number:** 202306NH**Report Date:** 05/22/23**SAMPLE RESULTS****Lab ID:** L2325135-01**Date Collected:** 05/08/23 12:00**Client ID:** MW-1**Date Received:** 05/08/23**Sample Location:** NO. SUTTON, NH**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

SAMPLE RESULTS

Lab ID: L2325135-01
Client ID: MW-1
Sample Location: NO. SUTTON, NH

Date Collected: 05/08/23 12:00
Date Received: 05/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
Isopropyl Ether	ND		ug/l	2.0	--	1
Tert-Butyl Alcohol	ND		ug/l	10	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	112		70-130

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

SAMPLE RESULTS

Lab ID: L2325135-02
Client ID: MW-2
Sample Location: NO. SUTTON, NH

Date Collected: 05/08/23 12:15
Date Received: 05/08/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/19/23 01:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1

Project Name: VERNONDALE STORE

Lab Number: L2325135

Project Number: 202306NH

Report Date: 05/22/23

SAMPLE RESULTS

Lab ID: L2325135-02

Date Collected: 05/08/23 12:15

Client ID: MW-2

Date Received: 05/08/23

Sample Location: NO. SUTTON, NH

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

SAMPLE RESULTS

Lab ID: L2325135-02
Client ID: MW-2
Sample Location: NO. SUTTON, NH

Date Collected: 05/08/23 12:15
Date Received: 05/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
Isopropyl Ether	ND		ug/l	2.0	--	1
Tert-Butyl Alcohol	ND		ug/l	10	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	113		70-130

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

SAMPLE RESULTS

Lab ID: L2325135-03
Client ID: MW-6
Sample Location: NO. SUTTON, NH

Date Collected: 05/08/23 12:45
Date Received: 05/08/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/19/23 01:59
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1

Project Name: VERNONDALE STORE**Lab Number:** L2325135**Project Number:** 202306NH**Report Date:** 05/22/23**SAMPLE RESULTS****Lab ID:** L2325135-03**Date Collected:** 05/08/23 12:45**Client ID:** MW-6**Date Received:** 05/08/23**Sample Location:** NO. SUTTON, NH**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

SAMPLE RESULTS

Lab ID: L2325135-03
Client ID: MW-6
Sample Location: NO. SUTTON, NH

Date Collected: 05/08/23 12:45
Date Received: 05/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
Isopropyl Ether	ND		ug/l	2.0	--	1
Tert-Butyl Alcohol	ND		ug/l	10	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	111		70-130

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

SAMPLE RESULTS

Lab ID: L2325135-04 D
Client ID: MW-3
Sample Location: NO. SUTTON, NH

Date Collected: 05/08/23 13:00
Date Received: 05/08/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/19/23 02:22
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.0	--	2
1,1-Dichloroethane	ND		ug/l	1.5	--	2
Chloroform	ND		ug/l	1.5	--	2
Carbon tetrachloride	ND		ug/l	1.0	--	2
1,2-Dichloropropane	ND		ug/l	3.5	--	2
Dibromochloromethane	ND		ug/l	1.0	--	2
1,1,2-Trichloroethane	ND		ug/l	1.5	--	2
Tetrachloroethene	ND		ug/l	1.0	--	2
Chlorobenzene	ND		ug/l	1.0	--	2
Trichlorofluoromethane	ND		ug/l	5.0	--	2
1,2-Dichloroethane	ND		ug/l	1.0	--	2
1,1,1-Trichloroethane	ND		ug/l	1.0	--	2
Bromodichloromethane	ND		ug/l	1.0	--	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	--	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	--	2
1,3-Dichloropropene, Total	ND		ug/l	1.0	--	2
1,1-Dichloropropene	ND		ug/l	5.0	--	2
Bromoform	ND		ug/l	4.0	--	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	--	2
Benzene	1.1		ug/l	1.0	--	2
Toluene	2.0		ug/l	1.5	--	2
Ethylbenzene	64		ug/l	1.0	--	2
Chloromethane	ND		ug/l	5.0	--	2
Bromomethane	ND		ug/l	2.0	--	2
Vinyl chloride	ND		ug/l	2.0	--	2
Chloroethane	ND		ug/l	2.0	--	2
1,1-Dichloroethene	ND		ug/l	1.0	--	2
trans-1,2-Dichloroethene	ND		ug/l	1.5	--	2

Project Name: VERNONDALE STORE**Lab Number:** L2325135**Project Number:** 202306NH**Report Date:** 05/22/23**SAMPLE RESULTS**

Lab ID: L2325135-04 D

Date Collected: 05/08/23 13:00

Client ID: MW-3

Date Received: 05/08/23

Sample Location: NO. SUTTON, NH

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	1.0	--	2
Trichloroethene	ND		ug/l	1.0	--	2
1,2-Dichlorobenzene	ND		ug/l	5.0	--	2
1,3-Dichlorobenzene	ND		ug/l	5.0	--	2
1,4-Dichlorobenzene	ND		ug/l	5.0	--	2
Methyl tert butyl ether	ND		ug/l	2.0	--	2
p/m-Xylene	110		ug/l	2.0	--	2
o-Xylene	3.9		ug/l	2.0	--	2
Xylenes, Total	110		ug/l	2.0	--	2
cis-1,2-Dichloroethene	ND		ug/l	1.0	--	2
Dibromomethane	ND		ug/l	10	--	2
1,2,3-Trichloropropane	ND		ug/l	10	--	2
Styrene	ND		ug/l	2.0	--	2
Dichlorodifluoromethane	ND		ug/l	10	--	2
Acetone	ND		ug/l	10	--	2
Carbon disulfide	ND		ug/l	10	--	2
2-Butanone	ND		ug/l	10	--	2
4-Methyl-2-pentanone	ND		ug/l	10	--	2
2-Hexanone	ND		ug/l	10	--	2
Bromochloromethane	ND		ug/l	5.0	--	2
Tetrahydrofuran	ND		ug/l	10	--	2
2,2-Dichloropropane	ND		ug/l	5.0	--	2
1,2-Dibromoethane	ND		ug/l	4.0	--	2
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	--	2
Bromobenzene	ND		ug/l	5.0	--	2
n-Butylbenzene	6.2		ug/l	1.0	--	2
sec-Butylbenzene	5.2		ug/l	1.0	--	2
tert-Butylbenzene	ND		ug/l	5.0	--	2
o-Chlorotoluene	ND		ug/l	5.0	--	2
p-Chlorotoluene	ND		ug/l	5.0	--	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	--	2
Hexachlorobutadiene	ND		ug/l	1.0	--	2
Isopropylbenzene	15		ug/l	1.0	--	2
p-Isopropyltoluene	1.9		ug/l	1.0	--	2
Naphthalene	6.7		ug/l	5.0	--	2
n-Propylbenzene	52		ug/l	1.0	--	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	--	2

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

SAMPLE RESULTS

Lab ID: L2325135-04 D
Client ID: MW-3
Sample Location: NO. SUTTON, NH

Date Collected: 05/08/23 13:00
Date Received: 05/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	--	2
1,3,5-Trimethylbenzene	49		ug/l	5.0	--	2
1,3,5-Trichlorobenzene	ND		ug/l	4.0	--	2
1,2,4-Trimethylbenzene	150		ug/l	5.0	--	2
Ethyl ether	ND		ug/l	5.0	--	2
Isopropyl Ether	ND		ug/l	4.0	--	2
Tert-Butyl Alcohol	ND		ug/l	20	--	2
Ethyl-Tert-Butyl-Ether	ND		ug/l	4.0	--	2
Tertiary-Amyl Methyl Ether	ND		ug/l	4.0	--	2
1,4-Dioxane	ND		ug/l	500	--	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	100		70-130

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

SAMPLE RESULTS

Lab ID: L2325135-05
Client ID: MW-4
Sample Location: NO. SUTTON, NH

Date Collected: 05/08/23 13:15
Date Received: 05/08/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/19/23 02:45
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	0.94		ug/l	0.50	--	1
Toluene	4.6		ug/l	0.75	--	1
Ethylbenzene	44		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1

Project Name: VERNONDALE STORE**Lab Number:** L2325135**Project Number:** 202306NH**Report Date:** 05/22/23**SAMPLE RESULTS****Lab ID:** L2325135-05**Date Collected:** 05/08/23 13:15**Client ID:** MW-4**Date Received:** 05/08/23**Sample Location:** NO. SUTTON, NH**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	53		ug/l	1.0	--	1
o-Xylene	33		ug/l	1.0	--	1
Xylenes, Total	86		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	3.1		ug/l	0.50	--	1
sec-Butylbenzene	2.6		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	9.3		ug/l	0.50	--	1
p-Isopropyltoluene	1.0		ug/l	0.50	--	1
Naphthalene	4.8		ug/l	2.5	--	1
n-Propylbenzene	31		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

SAMPLE RESULTS

Lab ID: L2325135-05
Client ID: MW-4
Sample Location: NO. SUTTON, NH

Date Collected: 05/08/23 13:15
Date Received: 05/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	13		ug/l	2.5	--	1
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trimethylbenzene	120		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
Isopropyl Ether	ND		ug/l	2.0	--	1
Tert-Butyl Alcohol	ND		ug/l	10	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	98		70-130

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

SAMPLE RESULTS

Lab ID: L2325135-06
Client ID: MW-7
Sample Location: NO. SUTTON, NH

Date Collected: 05/08/23 13:35
Date Received: 05/08/23
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/19/23 03:08
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1

Project Name: VERNONDALE STORE**Lab Number:** L2325135**Project Number:** 202306NH**Report Date:** 05/22/23**SAMPLE RESULTS**

Lab ID: L2325135-06

Date Collected: 05/08/23 13:35

Client ID: MW-7

Date Received: 05/08/23

Sample Location: NO. SUTTON, NH

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

SAMPLE RESULTS

Lab ID: L2325135-06
Client ID: MW-7
Sample Location: NO. SUTTON, NH

Date Collected: 05/08/23 13:35
Date Received: 05/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
Isopropyl Ether	ND		ug/l	2.0	--	1
Tert-Butyl Alcohol	ND		ug/l	10	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/18/23 18:53
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-06 Batch: WG1781396-5					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
1,3-Dichloropropene, Total	ND		ug/l	0.50	--
1,1-Dichloropropene	ND		ug/l	2.5	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
1,2-Dichloroethene, Total	ND		ug/l	0.50	--

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/18/23 18:53
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-06 Batch: WG1781396-5					
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
Methyl tert butyl ether	ND		ug/l	1.0	--
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Dibromomethane	ND		ug/l	5.0	--
1,2,3-Trichloropropane	ND		ug/l	5.0	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
Tetrahydrofuran	ND		ug/l	5.0	--
2,2-Dichloropropane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
Bromobenzene	ND		ug/l	2.5	--
n-Butylbenzene	ND		ug/l	0.50	--
sec-Butylbenzene	ND		ug/l	0.50	--
tert-Butylbenzene	ND		ug/l	2.5	--
o-Chlorotoluene	ND		ug/l	2.5	--
p-Chlorotoluene	ND		ug/l	2.5	--

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/18/23 18:53
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-06 Batch: WG1781396-5					
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Hexachlorobutadiene	ND		ug/l	0.50	--
Isopropylbenzene	ND		ug/l	0.50	--
p-Isopropyltoluene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	2.5	--
n-Propylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--
Ethyl ether	ND		ug/l	2.5	--
Isopropyl Ether	ND		ug/l	2.0	--
Tert-Butyl Alcohol	ND		ug/l	10	--
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--
1,4-Dioxane	ND		ug/l	250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	106		70-130

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/20/23 09:34
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1781699-5					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
1,3-Dichloropropene, Total	ND		ug/l	0.50	--
1,1-Dichloropropene	ND		ug/l	2.5	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
1,2-Dichloroethene, Total	ND		ug/l	0.50	--

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/20/23 09:34
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1781699-5					
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
Methyl tert butyl ether	ND		ug/l	1.0	--
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Dibromomethane	ND		ug/l	5.0	--
1,2,3-Trichloropropane	ND		ug/l	5.0	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
Tetrahydrofuran	ND		ug/l	5.0	--
2,2-Dichloropropane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
Bromobenzene	ND		ug/l	2.5	--
n-Butylbenzene	ND		ug/l	0.50	--
sec-Butylbenzene	ND		ug/l	0.50	--
tert-Butylbenzene	ND		ug/l	2.5	--
o-Chlorotoluene	ND		ug/l	2.5	--
p-Chlorotoluene	ND		ug/l	2.5	--

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/20/23 09:34
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1781699-5					
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Hexachlorobutadiene	ND		ug/l	0.50	--
Isopropylbenzene	ND		ug/l	0.50	--
p-Isopropyltoluene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	2.5	--
n-Propylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--
Ethyl ether	ND		ug/l	2.5	--
Isopropyl Ether	ND		ug/l	2.0	--
Tert-Butyl Alcohol	ND		ug/l	10	--
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--
1,4-Dioxane	ND		ug/l	250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: VERNONDALE STORE

Project Number: 202306NH

Lab Number: L2325135

Report Date: 05/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06 Batch: WG1781396-3 WG1781396-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	99		97		63-132	2		20
1,2-Dichloropropane	130		130		70-130	0		20
Dibromochloromethane	98		100		63-130	2		20
1,1,2-Trichloroethane	120		120		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		110		75-130	10		25
Trichlorofluoromethane	84		84		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	93		98		54-136	5		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	110		110		70-130	0		25
Toluene	100		110		70-130	10		25
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	76		78		39-139	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: VERNONDALE STORE

Project Number: 202306NH

Lab Number: L2325135

Report Date: 05/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06 Batch: WG1781396-3 WG1781396-4								
Vinyl chloride	95		94		55-140	1		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		25
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	97		98		70-130	1		25
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	99		100		70-130	1		20
Methyl tert butyl ether	100		110		63-130	10		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Dibromomethane	100		110		70-130	10		20
1,2,3-Trichloropropane	97		110		64-130	13		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	78		77		36-147	1		20
Acetone	100		100		58-148	0		20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	120		120		63-138	0		20
4-Methyl-2-pentanone	110		130		59-130	17		20
2-Hexanone	110		120		57-130	9		20
Bromochloromethane	110		110		70-130	0		20
Tetrahydrofuran	140	Q	150	Q	58-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: VERNONDALE STORE

Project Number: 202306NH

Lab Number: L2325135

Report Date: 05/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06 Batch: WG1781396-3 WG1781396-4								
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	99		100		64-130	1		20
Bromobenzene	95		97		70-130	2		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	95		97		70-130	2		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	98		100		70-130	2		20
1,2-Dibromo-3-chloropropane	88		100		41-144	13		20
Hexachlorobutadiene	99		100		63-130	1		20
Isopropylbenzene	98		98		70-130	0		20
p-Isopropyltoluene	98		98		70-130	0		20
Naphthalene	100		100		70-130	0		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	95		100		70-130	5		20
1,2,4-Trichlorobenzene	93		96		70-130	3		20
1,3,5-Trimethylbenzene	99		98		64-130	1		20
1,3,5-Trichlorobenzene	96		96		70-130	0		20
1,2,4-Trimethylbenzene	100		99		70-130	1		20
Ethyl ether	99		100		59-134	1		20
Isopropyl Ether	130		130		70-130	0		20
Tert-Butyl Alcohol	112		126		70-130	12		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: VERNONDALE STORE

Lab Number: L2325135

Project Number: 202306NH

Report Date: 05/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06 Batch: WG1781396-3 WG1781396-4								
Ethyl-Tert-Butyl-Ether	120		120		70-130	0		20
Tertiary-Amyl Methyl Ether	100		110		66-130	10		20
1,4-Dioxane	104		106		56-162	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		109		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	94		93		70-130
Dibromofluoromethane	103		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: VERNONDALE STORE

Project Number: 202306NH

Lab Number: L2325135

Report Date: 05/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1781699-3 WG1781699-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	87		91		63-132	4		20
1,2-Dichloropropane	120		120		70-130	0		20
Dibromochloromethane	94		97		63-130	3		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	90		94		70-130	4		20
Chlorobenzene	98		100		75-130	2		25
Trichlorofluoromethane	72		76		62-150	5		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	94		96		67-130	2		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
1,1-Dichloropropene	97		100		70-130	3		20
Bromoform	84		90		54-136	7		20
1,1,2,2-Tetrachloroethane	99		100		67-130	1		20
Benzene	110		110		70-130	0		25
Toluene	100		100		70-130	0		25
Ethylbenzene	96		99		70-130	3		20
Chloromethane	120		120		64-130	0		20
Bromomethane	82		96		39-139	16		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: VERNONDALE STORE

Project Number: 202306NH

Lab Number: L2325135

Report Date: 05/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1781699-3 WG1781699-4								
Vinyl chloride	88		90		55-140	2		20
Chloroethane	95		98		55-138	3		20
1,1-Dichloroethene	91		95		61-145	4		25
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	86		93		70-130	8		25
1,2-Dichlorobenzene	92		96		70-130	4		20
1,3-Dichlorobenzene	91		96		70-130	5		20
1,4-Dichlorobenzene	92		96		70-130	4		20
Methyl tert butyl ether	98		100		63-130	2		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	91		98		64-130	7		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	66		67		36-147	2		20
Acetone	88		100		58-148	13		20
Carbon disulfide	96		100		51-130	4		20
2-Butanone	100		110		63-138	10		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	98		100		57-130	2		20
Bromochloromethane	100		100		70-130	0		20
Tetrahydrofuran	140	Q	150	Q	58-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: VERNONDALE STORE

Project Number: 202306NH

Lab Number: L2325135

Report Date: 05/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1781699-3 WG1781699-4								
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	94		97		64-130	3		20
Bromobenzene	87		91		70-130	4		20
n-Butylbenzene	92		96		53-136	4		20
sec-Butylbenzene	90		94		70-130	4		20
tert-Butylbenzene	86		90		70-130	5		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	93		96		70-130	3		20
1,2-Dibromo-3-chloropropane	75		84		41-144	11		20
Hexachlorobutadiene	85		87		63-130	2		20
Isopropylbenzene	89		93		70-130	4		20
p-Isopropyltoluene	88		92		70-130	4		20
Naphthalene	77		84		70-130	9		20
n-Propylbenzene	92		95		69-130	3		20
1,2,3-Trichlorobenzene	84		89		70-130	6		20
1,2,4-Trichlorobenzene	82		88		70-130	7		20
1,3,5-Trimethylbenzene	91		95		64-130	4		20
1,3,5-Trichlorobenzene	85		91		70-130	7		20
1,2,4-Trimethylbenzene	91		95		70-130	4		20
Ethyl ether	92		97		59-134	5		20
Isopropyl Ether	120		130		70-130	8		20
Tert-Butyl Alcohol	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: VERNONDALE STORE

Lab Number: L2325135

Project Number: 202306NH

Report Date: 05/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1781699-3 WG1781699-4								
Ethyl-Tert-Butyl-Ether	110		120		70-130	9		20
Tertiary-Amyl Methyl Ether	94		100		66-130	6		20
1,4-Dioxane	84		92		56-162	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		110		70-130
Toluene-d8	106		105		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	102		103		70-130

Project Name: VERNONDALE STORE**Lab Number:** L2325135**Project Number:** 202306NH**Report Date:** 05/22/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2325135-01A	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-01B	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-01C	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-02A	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-02B	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-02C	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-03A	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-03B	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-03C	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-04A	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-04B	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-04C	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-05A	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-05B	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-05C	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-06A	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-06B	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-06C	Vial HCl preserved	A	NA		3.0	Y	Absent		8260-NH(14)
L2325135-07A	Vial HCl preserved	A	NA		3.0	Y	Absent		ARCHIVE()
L2325135-07B	Vial HCl preserved	A	NA		3.0	Y	Absent		ARCHIVE()

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

Data Qualifiers

- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: VERNONDALE STORE
Project Number: 202306NH

Lab Number: L2325135
Report Date: 05/22/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 19

Published Date: 4/2/2021 1:14:23 PM

Page 1 of 1

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625/625.1:** alpha-Terpineol**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

