Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13714-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-13714-1

Receipt
The samples were received on 9/6/2023 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.0º C.

GC/MS VOA
Method 8260: The continuing calibration verification (CCV) associated with batch 620-26496 exhibited % difference of > 20% for the following analyte: Naphthalene; however, the results of the LCS were within the CCV acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 20% difference from the initial calibration. According to the laboratory standard operating procedure, the LCS/LCSD is acceptable if it meets the CCV acceptance criteria.

Method 8260: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 620-26496 recovered outside control limits but within 40-160% for the following analyte: Dichlorodifluoromethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated samples are: (LCS 620-26495/1-A) and (LCSD 620-26495/2-A).

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

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

Detection Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS15S (12.5) **Lab Sample ID: 620-13714-1**

No Detections.

Client Sample ID: CS15D (13.5) **Lab Sample ID: 620-13714-2**

No Detections.

Client Sample ID: CS16S (12.5) **Lab Sample ID: 620-13714-3**

No Detections.

Client Sample ID: CS16D (14.0) **Lab Sample ID: 620-13714-4**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS15S (12.5)
Lab Sample ID: 620-13714-1
Date Collected: 09/05/23 13:25
Matrix: Solid
Date Received: 09/06/23 16:00
Percent Solids: 91.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Acetone	ND		0.0439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Acrylonitrile	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Benzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Bromobenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Bromochloromethane	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Bromodichloromethane	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Bromoform	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Bromomethane	ND		0.00879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
2-Butanone (MEK)	ND		0.00879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
2-Chlorotoluene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
n-Butylbenzene	ND		0.00879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
sec-Butylbenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
tert-Butylbenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Carbon disulfide	ND		0.00879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Carbon tetrachloride	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Chlorobenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Chloroethane	ND		0.00879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Chloroform	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Chloromethane	ND		0.00879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
4-Chlorotoluene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,2-Dibromo-3-Chloropropane	ND		0.00879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Dibromochloromethane	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,2-Dibromoethane (EDB)	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Dibromomethane	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,2-Dichlorobenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,3-Dichlorobenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,4-Dichlorobenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,1-Dichloroethane	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,2-Dichloroethane	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,1-Dichloroethene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
cis-1,2-Dichloroethene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
trans-1,2-Dichloroethene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,2-Dichloropropane	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,3-Dichloropropane	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
2,2-Dichloropropane	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,1-Dichloropropene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
cis-1,3-Dichloropropene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
trans-1,3-Dichloropropene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Ethylbenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Hexachlorobutadiene	ND		0.00879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
2-Hexanone (MBK)	ND		0.00879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Isopropylbenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
4-Isopropyltoluene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Methyl tert-butyl ether	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
4-Methyl-2-pentanone (MIBK)	ND		0.00879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Methylene Chloride	ND		0.00879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Naphthalene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS15S (12.5)
Date Collected: 09/05/23 13:25
Date Received: 09/06/23 16:00

Lab Sample ID: 620-13714-1
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Styrene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,1,1,2-Tetrachloroethane	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,1,2,2-Tetrachloroethane	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Tetrachloroethene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Toluene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,2,3-Trichlorobenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,2,4-Trichlorobenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,3,5-Trichlorobenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,1,1-Trichloroethane	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,1,2-Trichloroethane	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Trichloroethene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Trichlorofluoromethane (Freon 11)	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,2,3-Trichloropropane	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,2,4-Trimethylbenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,3,5-Trimethylbenzene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Vinyl chloride	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
m,p-Xylene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
o-Xylene	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Tetrahydrofuran	ND		0.00879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Ethyl ether	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Tert-amyl methyl ether	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Ethyl tert-butyl ether	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
di-Isopropyl ether	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
tert-Butanol	ND		0.0879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,4-Dioxane	ND		0.0879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
trans-1,4-Dichloro-2-butene	ND		0.0220		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Ethanol	ND		0.879		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
1,3-Dichloropropene, Total	ND		0.00439		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1
Xylenes, Total	ND		0.0132		mg/Kg	☼	09/07/23 10:42	09/07/23 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*09/07/23 10:42*	*09/07/23 14:29*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*09/07/23 10:42*	*09/07/23 14:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*	*09/07/23 10:42*	*09/07/23 14:29*	*1*
Dibromofluoromethane (Surr)	*108*		*70 - 130*	*09/07/23 10:42*	*09/07/23 14:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.8**		0.1		%			09/09/23 09:23	1
Percent Solids (EPA Moisture)	**91.2**		0.1		%			09/09/23 09:23	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS15D (13.5)
Lab Sample ID: 620-13714-2
Date Collected: 09/05/23 13:20
Matrix: Solid
Date Received: 09/06/23 16:00
Percent Solids: 87.8

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Acetone	ND		0.0451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Acrylonitrile	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Benzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Bromobenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Bromochloromethane	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Bromodichloromethane	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Bromoform	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Bromomethane	ND		0.00902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
2-Butanone (MEK)	ND		0.00902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
2-Chlorotoluene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
n-Butylbenzene	ND		0.00902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
sec-Butylbenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
tert-Butylbenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Carbon disulfide	ND		0.00902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Carbon tetrachloride	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Chlorobenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Chloroethane	ND		0.00902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Chloroform	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Chloromethane	ND		0.00902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
4-Chlorotoluene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,2-Dibromo-3-Chloropropane	ND		0.00902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Dibromochloromethane	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,2-Dibromoethane (EDB)	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Dibromomethane	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,2-Dichlorobenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,3-Dichlorobenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,4-Dichlorobenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,1-Dichloroethane	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,2-Dichloroethane	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,1-Dichloroethene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
cis-1,2-Dichloroethene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
trans-1,2-Dichloroethene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,2-Dichloropropane	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,3-Dichloropropane	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
2,2-Dichloropropane	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,1-Dichloropropene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
cis-1,3-Dichloropropene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
trans-1,3-Dichloropropene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Ethylbenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Hexachlorobutadiene	ND		0.00902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
2-Hexanone (MBK)	ND		0.00902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Isopropylbenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
4-Isopropyltoluene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Methyl tert-butyl ether	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
4-Methyl-2-pentanone (MIBK)	ND		0.00902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Methylene Chloride	ND		0.00902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Naphthalene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS15D (13.5)
Date Collected: 09/05/23 13:20
Date Received: 09/06/23 16:00

Lab Sample ID: 620-13714-2
Matrix: Solid
Percent Solids: 87.8

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Styrene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,1,1,2-Tetrachloroethane	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,1,2,2-Tetrachloroethane	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Tetrachloroethene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Toluene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,2,3-Trichlorobenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,2,4-Trichlorobenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,3,5-Trichlorobenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,1,1-Trichloroethane	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,1,2-Trichloroethane	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Trichloroethene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Trichlorofluoromethane (Freon 11)	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,2,3-Trichloropropane	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,2,4-Trimethylbenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,3,5-Trimethylbenzene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Vinyl chloride	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
m,p-Xylene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
o-Xylene	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Tetrahydrofuran	ND		0.00902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Ethyl ether	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Tert-amyl methyl ether	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Ethyl tert-butyl ether	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
di-Isopropyl ether	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
tert-Butanol	ND		0.0902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,4-Dioxane	ND		0.0902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
trans-1,4-Dichloro-2-butene	ND		0.0226		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Ethanol	ND		0.902		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
1,3-Dichloropropene, Total	ND		0.00451		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1
Xylenes, Total	ND		0.0135		mg/Kg	☼	09/07/23 10:42	09/07/23 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/07/23 10:42*	*09/07/23 14:55*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*09/07/23 10:42*	*09/07/23 14:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*	*09/07/23 10:42*	*09/07/23 14:55*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*	*09/07/23 10:42*	*09/07/23 14:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.2**		0.1		%			09/09/23 09:23	1
Percent Solids (EPA Moisture)	**87.8**		0.1		%			09/09/23 09:23	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS16S (12.5)
Lab Sample ID: 620-13714-3
Date Collected: 09/06/23 11:35
Matrix: Solid
Date Received: 09/06/23 16:00
Percent Solids: 92.6

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Acetone	ND		0.0416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Acrylonitrile	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Benzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Bromobenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Bromochloromethane	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Bromodichloromethane	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Bromoform	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Bromomethane	ND		0.00832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
2-Butanone (MEK)	ND		0.00832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
2-Chlorotoluene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
n-Butylbenzene	ND		0.00832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
sec-Butylbenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
tert-Butylbenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Carbon disulfide	ND		0.00832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Carbon tetrachloride	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Chlorobenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Chloroethane	ND		0.00832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Chloroform	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Chloromethane	ND		0.00832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
4-Chlorotoluene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,2-Dibromo-3-Chloropropane	ND		0.00832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Dibromochloromethane	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,2-Dibromoethane (EDB)	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Dibromomethane	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,2-Dichlorobenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,3-Dichlorobenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,4-Dichlorobenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,1-Dichloroethane	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,2-Dichloroethane	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,1-Dichloroethene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
cis-1,2-Dichloroethene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
trans-1,2-Dichloroethene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,2-Dichloropropane	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,3-Dichloropropane	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
2,2-Dichloropropane	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,1-Dichloropropene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
cis-1,3-Dichloropropene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
trans-1,3-Dichloropropene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Ethylbenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Hexachlorobutadiene	ND		0.00832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
2-Hexanone (MBK)	ND		0.00832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Isopropylbenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
4-Isopropyltoluene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Methyl tert-butyl ether	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
4-Methyl-2-pentanone (MIBK)	ND		0.00832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Methylene Chloride	ND		0.00832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Naphthalene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS16S (12.5)
Date Collected: 09/06/23 11:35
Date Received: 09/06/23 16:00

Lab Sample ID: 620-13714-3
Matrix: Solid
Percent Solids: 92.6

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Styrene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,1,1,2-Tetrachloroethane	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,1,2,2-Tetrachloroethane	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Tetrachloroethene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Toluene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,2,3-Trichlorobenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,2,4-Trichlorobenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,3,5-Trichlorobenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,1,1-Trichloroethane	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,1,2-Trichloroethane	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Trichloroethene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Trichlorofluoromethane (Freon 11)	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,2,3-Trichloropropane	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,2,4-Trimethylbenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,3,5-Trimethylbenzene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Vinyl chloride	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
m,p-Xylene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
o-Xylene	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Tetrahydrofuran	ND		0.00832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Ethyl ether	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Tert-amyl methyl ether	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Ethyl tert-butyl ether	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
di-Isopropyl ether	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
tert-Butanol	ND		0.0832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,4-Dioxane	ND		0.0832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
trans-1,4-Dichloro-2-butene	ND		0.0208		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Ethanol	ND		0.832		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
1,3-Dichloropropene, Total	ND		0.00416		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1
Xylenes, Total	ND		0.0125		mg/Kg	☼	09/07/23 10:42	09/07/23 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/07/23 10:42*	*09/07/23 15:21*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*09/07/23 10:42*	*09/07/23 15:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*	*09/07/23 10:42*	*09/07/23 15:21*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*	*09/07/23 10:42*	*09/07/23 15:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.4**		0.1		%			09/09/23 09:23	1
Percent Solids (EPA Moisture)	**92.6**		0.1		%			09/09/23 09:23	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS16D (14.0)
Lab Sample ID: 620-13714-4
Date Collected: 09/06/23 11:30
Matrix: Solid
Date Received: 09/06/23 16:00
Percent Solids: 92.7

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Acetone	ND		0.0425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Acrylonitrile	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Benzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Bromobenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Bromochloromethane	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Bromodichloromethane	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Bromoform	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Bromomethane	ND		0.00849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
2-Butanone (MEK)	ND		0.00849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
2-Chlorotoluene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
n-Butylbenzene	ND		0.00849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
sec-Butylbenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
tert-Butylbenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Carbon disulfide	ND		0.00849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Carbon tetrachloride	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Chlorobenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Chloroethane	ND		0.00849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Chloroform	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Chloromethane	ND		0.00849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
4-Chlorotoluene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,2-Dibromo-3-Chloropropane	ND		0.00849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Dibromochloromethane	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,2-Dibromoethane (EDB)	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Dibromomethane	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,2-Dichlorobenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,3-Dichlorobenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,4-Dichlorobenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,1-Dichloroethane	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,2-Dichloroethane	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,1-Dichloroethene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
cis-1,2-Dichloroethene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
trans-1,2-Dichloroethene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,2-Dichloropropane	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,3-Dichloropropane	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
2,2-Dichloropropane	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,1-Dichloropropene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
cis-1,3-Dichloropropene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
trans-1,3-Dichloropropene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Ethylbenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Hexachlorobutadiene	ND		0.00849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
2-Hexanone (MBK)	ND		0.00849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Isopropylbenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
4-Isopropyltoluene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Methyl tert-butyl ether	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
4-Methyl-2-pentanone (MIBK)	ND		0.00849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Methylene Chloride	ND		0.00849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Naphthalene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS16D (14.0)
Lab Sample ID: 620-13714-4
Date Collected: 09/06/23 11:30
Matrix: Solid
Date Received: 09/06/23 16:00
Percent Solids: 92.7

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Styrene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,1,1,2-Tetrachloroethane	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,1,2,2-Tetrachloroethane	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Tetrachloroethene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Toluene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,2,3-Trichlorobenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,2,4-Trichlorobenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,3,5-Trichlorobenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,1,1-Trichloroethane	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,1,2-Trichloroethane	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Trichloroethene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Trichlorofluoromethane (Freon 11)	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,2,3-Trichloropropane	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,2,4-Trimethylbenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,3,5-Trimethylbenzene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Vinyl chloride	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
m,p-Xylene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
o-Xylene	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Tetrahydrofuran	ND		0.00849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Ethyl ether	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Tert-amyl methyl ether	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Ethyl tert-butyl ether	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
di-Isopropyl ether	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
tert-Butanol	ND		0.0849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,4-Dioxane	ND		0.0849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
trans-1,4-Dichloro-2-butene	ND		0.0212		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Ethanol	ND		0.849		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
1,3-Dichloropropene, Total	ND		0.00425		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1
Xylenes, Total	ND		0.0127		mg/Kg	☼	09/07/23 10:42	09/07/23 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*09/07/23 10:42*	*09/07/23 15:47*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*09/07/23 10:42*	*09/07/23 15:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*	*09/07/23 10:42*	*09/07/23 15:47*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*	*09/07/23 10:42*	*09/07/23 15:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.3**		0.1		%			09/09/23 09:23	1
Percent Solids (EPA Moisture)	**92.7**		0.1		%			09/09/23 09:23	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB (70-130)	TOL (70-130)	DCA (70-130)	DBFM (70-130)
620-13714-1	CS15S (12.5)	101	100	109	108
620-13714-2	CS15D (13.5)	102	101	110	107
620-13714-3	CS16S (12.5)	102	100	109	107
620-13714-4	CS16D (14.0)	101	101	109	107
LCS 620-26495/1-A	Lab Control Sample	103	104	108	107
LCSD 620-26495/2-A	Lab Control Sample Dup	104	103	105	106
MB 620-26495/3-A	Method Blank	102	100	106	104

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-26495/3-A
Matrix: Solid
Analysis Batch: 26496

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26495

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Acetone	ND		0.0500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Acrylonitrile	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Benzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Bromobenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Bromochloromethane	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Bromodichloromethane	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Bromoform	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Bromomethane	ND		0.0100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
2-Chlorotoluene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
n-Butylbenzene	ND		0.0100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
sec-Butylbenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
tert-Butylbenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Carbon disulfide	ND		0.0100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Carbon tetrachloride	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Chlorobenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Chloroethane	ND		0.0100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Chloroform	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Chloromethane	ND		0.0100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
4-Chlorotoluene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Dibromochloromethane	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Dibromomethane	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Ethylbenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Isopropylbenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Methylene Chloride	ND		0.0100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-26495/3-A
Matrix: Solid
Analysis Batch: 26496

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26495

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
N-Propylbenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Styrene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Tetrachloroethene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Toluene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Trichloroethene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Vinyl chloride	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
m,p-Xylene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
o-Xylene	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Tetrahydrofuran	ND		0.0100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Ethyl ether	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
di-Isopropyl ether	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
tert-Butanol	ND		0.100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,4-Dioxane	ND		0.100		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Ethanol	ND		1.00		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		09/07/23 10:42	09/07/23 13:30	1
Xylenes, Total	ND		0.0150		mg/Kg		09/07/23 10:42	09/07/23 13:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/07/23 10:42*	*09/07/23 13:30*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*09/07/23 10:42*	*09/07/23 13:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*	*09/07/23 10:42*	*09/07/23 13:30*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*	*09/07/23 10:42*	*09/07/23 13:30*	*1*

Lab Sample ID: LCS 620-26495/1-A
Matrix: Solid
Analysis Batch: 26496

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26495

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichlorotrifluoroethane (Freon 113)			0.0200	0.02091		mg/Kg		105	70 - 130		
Acetone			0.0200	0.02466	J	mg/Kg		123	70 - 130		
Acrylonitrile			0.0200	0.02008		mg/Kg		100	70 - 130		
Benzene			0.0200	0.01958		mg/Kg		98	70 - 130		
Bromobenzene			0.0200	0.01912		mg/Kg		96	70 - 130		

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-26495/1-A
Matrix: Solid
Analysis Batch: 26496

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26495

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.0200	0.02021		mg/Kg		101	70 - 130
Bromodichloromethane	0.0200	0.02026		mg/Kg		101	70 - 130
Bromoform	0.0200	0.01973		mg/Kg		99	70 - 130
Bromomethane	0.0200	0.02037		mg/Kg		102	70 - 130
2-Butanone (MEK)	0.0200	0.02113		mg/Kg		106	70 - 130
2-Chlorotoluene	0.0200	0.01944		mg/Kg		97	70 - 130
n-Butylbenzene	0.0200	0.01811		mg/Kg		91	70 - 130
sec-Butylbenzene	0.0200	0.01950		mg/Kg		98	70 - 130
tert-Butylbenzene	0.0200	0.02128		mg/Kg		106	70 - 130
Carbon disulfide	0.0200	0.02016		mg/Kg		101	70 - 130
Carbon tetrachloride	0.0200	0.02137		mg/Kg		107	70 - 130
Chlorobenzene	0.0200	0.01815		mg/Kg		91	70 - 130
Chloroethane	0.0200	0.02026		mg/Kg		101	70 - 130
Chloroform	0.0200	0.01991		mg/Kg		100	70 - 130
Chloromethane	0.0200	0.02073		mg/Kg		104	70 - 130
4-Chlorotoluene	0.0200	0.01927		mg/Kg		96	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01807		mg/Kg		90	70 - 130
Dibromochloromethane	0.0200	0.02052		mg/Kg		103	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.02011		mg/Kg		101	70 - 130
Dibromomethane	0.0200	0.01976		mg/Kg		99	70 - 130
1,2-Dichlorobenzene	0.0200	0.01817		mg/Kg		91	70 - 130
1,3-Dichlorobenzene	0.0200	0.01961		mg/Kg		98	70 - 130
1,4-Dichlorobenzene	0.0200	0.01779		mg/Kg		89	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.02831	*+	mg/Kg		142	70 - 130
1,1-Dichloroethane	0.0200	0.01966		mg/Kg		98	70 - 130
1,2-Dichloroethane	0.0200	0.02091		mg/Kg		105	70 - 130
1,1-Dichloroethene	0.0200	0.02011		mg/Kg		101	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01951		mg/Kg		98	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01995		mg/Kg		100	70 - 130
1,2-Dichloropropane	0.0200	0.01846		mg/Kg		92	70 - 130
1,3-Dichloropropane	0.0200	0.01972		mg/Kg		99	70 - 130
2,2-Dichloropropane	0.0200	0.02042		mg/Kg		102	70 - 130
1,1-Dichloropropene	0.0200	0.01943		mg/Kg		97	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01889		mg/Kg		94	70 - 130
trans-1,3-Dichloropropene	0.0200	0.02026		mg/Kg		101	70 - 130
Ethylbenzene	0.0200	0.01837		mg/Kg		92	70 - 130
Hexachlorobutadiene	0.0200	0.02001		mg/Kg		100	70 - 130
2-Hexanone (MBK)	0.0200	0.01872		mg/Kg		94	70 - 130
Isopropylbenzene	0.0200	0.01923		mg/Kg		96	70 - 130
4-Isopropyltoluene	0.0200	0.01820		mg/Kg		91	70 - 130
Methyl tert-butyl ether	0.0200	0.02009		mg/Kg		100	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01962		mg/Kg		98	70 - 130
Methylene Chloride	0.0200	0.02146		mg/Kg		107	70 - 130
Naphthalene	0.0200	0.01715		mg/Kg		86	70 - 130
N-Propylbenzene	0.0200	0.01908		mg/Kg		95	70 - 130
Styrene	0.0200	0.01917		mg/Kg		96	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01924		mg/Kg		96	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01840		mg/Kg		92	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-26495/1-A
Matrix: Solid
Analysis Batch: 26496

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26495

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	0.0200	0.02089		mg/Kg		104	70 - 130
Toluene	0.0200	0.01936		mg/Kg		97	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.01973		mg/Kg		99	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02032		mg/Kg		102	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.01924		mg/Kg		96	70 - 130
1,1,1-Trichloroethane	0.0200	0.02124		mg/Kg		106	70 - 130
1,1,2-Trichloroethane	0.0200	0.01953		mg/Kg		98	70 - 130
Trichloroethene	0.0200	0.02035		mg/Kg		102	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.02231		mg/Kg		112	70 - 130
1,2,3-Trichloropropane	0.0200	0.01894		mg/Kg		95	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.01968		mg/Kg		98	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.01961		mg/Kg		98	70 - 130
Vinyl chloride	0.0200	0.01948		mg/Kg		97	70 - 130
m,p-Xylene	0.0200	0.01875		mg/Kg		94	70 - 130
o-Xylene	0.0200	0.01869		mg/Kg		93	70 - 130
Tetrahydrofuran	0.0200	0.01563		mg/Kg		78	70 - 130
Ethyl ether	0.0200	0.01915		mg/Kg		96	70 - 130
Tert-amyl methyl ether	0.0200	0.01929		mg/Kg		96	70 - 130
Ethyl tert-butyl ether	0.0200	0.01933		mg/Kg		97	70 - 130
di-Isopropyl ether	0.0200	0.01839		mg/Kg		92	70 - 130
tert-Butanol	0.200	0.1999		mg/Kg		100	70 - 130
1,4-Dioxane	0.200	0.1757		mg/Kg		88	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.02006	J	mg/Kg		100	70 - 130
Ethanol	0.400	0.4135	J	mg/Kg		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 620-26495/2-A
Matrix: Solid
Analysis Batch: 26496

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26495

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02069		mg/Kg		103	70 - 130	1	30
Acetone	0.0200	0.02586	J	mg/Kg		129	70 - 130	5	30
Acrylonitrile	0.0200	0.01921		mg/Kg		96	70 - 130	4	30
Benzene	0.0200	0.01944		mg/Kg		97	70 - 130	1	30
Bromobenzene	0.0200	0.01928		mg/Kg		96	70 - 130	1	30
Bromochloromethane	0.0200	0.02026		mg/Kg		101	70 - 130	0	30
Bromodichloromethane	0.0200	0.02011		mg/Kg		101	70 - 130	1	30
Bromoform	0.0200	0.02035		mg/Kg		102	70 - 130	3	30
Bromomethane	0.0200	0.01965		mg/Kg		98	70 - 130	4	30
2-Butanone (MEK)	0.0200	0.02062		mg/Kg		103	70 - 130	2	30
2-Chlorotoluene	0.0200	0.01990		mg/Kg		100	70 - 130	2	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-26495/2-A
Matrix: Solid
Analysis Batch: 26496

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26495

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	0.0200	0.01817		mg/Kg		91	70 - 130	0	30
sec-Butylbenzene	0.0200	0.01992		mg/Kg		100	70 - 130	2	30
tert-Butylbenzene	0.0200	0.02167		mg/Kg		108	70 - 130	2	30
Carbon disulfide	0.0200	0.01984		mg/Kg		99	70 - 130	2	30
Carbon tetrachloride	0.0200	0.02113		mg/Kg		106	70 - 130	1	30
Chlorobenzene	0.0200	0.01815		mg/Kg		91	70 - 130	0	30
Chloroethane	0.0200	0.01961		mg/Kg		98	70 - 130	3	30
Chloroform	0.0200	0.01996		mg/Kg		100	70 - 130	0	30
Chloromethane	0.0200	0.02052		mg/Kg		103	70 - 130	1	30
4-Chlorotoluene	0.0200	0.01951		mg/Kg		98	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.01906		mg/Kg		95	70 - 130	5	30
Dibromochloromethane	0.0200	0.02023		mg/Kg		101	70 - 130	1	30
1,2-Dibromoethane (EDB)	0.0200	0.02000		mg/Kg		100	70 - 130	1	30
Dibromomethane	0.0200	0.01967		mg/Kg		98	70 - 130	0	30
1,2-Dichlorobenzene	0.0200	0.01842		mg/Kg		92	70 - 130	1	30
1,3-Dichlorobenzene	0.0200	0.02008		mg/Kg		100	70 - 130	2	30
1,4-Dichlorobenzene	0.0200	0.01803		mg/Kg		90	70 - 130	1	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.02797	*+	mg/Kg		140	70 - 130	1	30
1,1-Dichloroethane	0.0200	0.01945		mg/Kg		97	70 - 130	1	30
1,2-Dichloroethane	0.0200	0.02042		mg/Kg		102	70 - 130	2	30
1,1-Dichloroethene	0.0200	0.02022		mg/Kg		101	70 - 130	1	30
cis-1,2-Dichloroethene	0.0200	0.01966		mg/Kg		98	70 - 130	1	30
trans-1,2-Dichloroethene	0.0200	0.01943		mg/Kg		97	70 - 130	3	30
1,2-Dichloropropane	0.0200	0.01871		mg/Kg		94	70 - 130	1	30
1,3-Dichloropropane	0.0200	0.01954		mg/Kg		98	70 - 130	1	30
2,2-Dichloropropane	0.0200	0.01997		mg/Kg		100	70 - 130	2	30
1,1-Dichloropropene	0.0200	0.01939		mg/Kg		97	70 - 130	0	30
cis-1,3-Dichloropropene	0.0200	0.01910		mg/Kg		96	70 - 130	1	30
trans-1,3-Dichloropropene	0.0200	0.02028		mg/Kg		101	70 - 130	0	30
Ethylbenzene	0.0200	0.01843		mg/Kg		92	70 - 130	0	30
Hexachlorobutadiene	0.0200	0.02083		mg/Kg		104	70 - 130	4	30
2-Hexanone (MBK)	0.0200	0.01865		mg/Kg		93	70 - 130	0	30
Isopropylbenzene	0.0200	0.01956		mg/Kg		98	70 - 130	2	30
4-Isopropyltoluene	0.0200	0.01851		mg/Kg		93	70 - 130	2	30
Methyl tert-butyl ether	0.0200	0.01990		mg/Kg		100	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01983		mg/Kg		99	70 - 130	1	30
Methylene Chloride	0.0200	0.02043		mg/Kg		102	70 - 130	5	30
Naphthalene	0.0200	0.01811		mg/Kg		91	70 - 130	5	30
N-Propylbenzene	0.0200	0.01924		mg/Kg		96	70 - 130	1	30
Styrene	0.0200	0.01959		mg/Kg		98	70 - 130	2	30
1,1,1,2-Tetrachloroethane	0.0200	0.01954		mg/Kg		98	70 - 130	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.01925		mg/Kg		96	70 - 130	5	30
Tetrachloroethene	0.0200	0.02061		mg/Kg		103	70 - 130	1	30
Toluene	0.0200	0.01952		mg/Kg		98	70 - 130	1	30
1,2,3-Trichlorobenzene	0.0200	0.02047		mg/Kg		102	70 - 130	4	30
1,2,4-Trichlorobenzene	0.0200	0.02110		mg/Kg		105	70 - 130	4	30
1,3,5-Trichlorobenzene	0.0200	0.01927		mg/Kg		96	70 - 130	0	30
1,1,1-Trichloroethane	0.0200	0.02094		mg/Kg		105	70 - 130	1	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-26495/2-A
Matrix: Solid
Analysis Batch: 26496

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26495

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			0.0200	0.01955		mg/Kg		98	70 - 130	0	30
Trichloroethene			0.0200	0.02050		mg/Kg		102	70 - 130	1	30
Trichlorofluoromethane (Freon 11)			0.0200	0.02093		mg/Kg		105	70 - 130	6	30
1,2,3-Trichloropropane			0.0200	0.01904		mg/Kg		95	70 - 130	1	30
1,2,4-Trimethylbenzene			0.0200	0.02001		mg/Kg		100	70 - 130	2	30
1,3,5-Trimethylbenzene			0.0200	0.02009		mg/Kg		100	70 - 130	2	30
Vinyl chloride			0.0200	0.01925		mg/Kg		96	70 - 130	1	30
m,p-Xylene			0.0200	0.01893		mg/Kg		95	70 - 130	1	30
o-Xylene			0.0200	0.01894		mg/Kg		95	70 - 130	1	30
Tetrahydrofuran			0.0200	0.01658		mg/Kg		83	70 - 130	6	30
Ethyl ether			0.0200	0.01947		mg/Kg		97	70 - 130	2	30
Tert-amyl methyl ether			0.0200	0.01967		mg/Kg		98	70 - 130	2	30
Ethyl tert-butyl ether			0.0200	0.01953		mg/Kg		98	70 - 130	1	30
di-Isopropyl ether			0.0200	0.01882		mg/Kg		94	70 - 130	2	30
tert-Butanol			0.200	0.1987		mg/Kg		99	70 - 130	1	30
1,4-Dioxane			0.200	0.1853		mg/Kg		93	70 - 130	5	30
trans-1,4-Dichloro-2-butene			0.0200	0.02064	J	mg/Kg		103	70 - 130	3	30
Ethanol			0.400	0.3919	J	mg/Kg		98	70 - 130	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*
Dibromofluoromethane (Surr)	*106*		*70 - 130*

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Pre Prep Batch: 26475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13714-1	CS15S (12.5)	Total/NA	Solid	Frozen Preserve	
620-13714-2	CS15D (13.5)	Total/NA	Solid	Frozen Preserve	
620-13714-3	CS16S (12.5)	Total/NA	Solid	Frozen Preserve	
620-13714-4	CS16D (14.0)	Total/NA	Solid	Frozen Preserve	

Prep Batch: 26495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13714-1	CS15S (12.5)	Total/NA	Solid	5035	26475
620-13714-2	CS15D (13.5)	Total/NA	Solid	5035	26475
620-13714-3	CS16S (12.5)	Total/NA	Solid	5035	26475
620-13714-4	CS16D (14.0)	Total/NA	Solid	5035	26475
MB 620-26495/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-26495/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-26495/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 26496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13714-1	CS15S (12.5)	Total/NA	Solid	8260C	26495
620-13714-2	CS15D (13.5)	Total/NA	Solid	8260C	26495
620-13714-3	CS16S (12.5)	Total/NA	Solid	8260C	26495
620-13714-4	CS16D (14.0)	Total/NA	Solid	8260C	26495
MB 620-26495/3-A	Method Blank	Total/NA	Solid	8260C	26495
LCS 620-26495/1-A	Lab Control Sample	Total/NA	Solid	8260C	26495
LCSD 620-26495/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	26495

General Chemistry

Analysis Batch: 26558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13714-1	CS15S (12.5)	Total/NA	Solid	Moisture	
620-13714-2	CS15D (13.5)	Total/NA	Solid	Moisture	
620-13714-3	CS16S (12.5)	Total/NA	Solid	Moisture	
620-13714-4	CS16D (14.0)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS15S (12.5)
Lab Sample ID: 620-13714-1
Date Collected: 09/05/23 13:25
Matrix: Solid
Date Received: 09/06/23 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26558	JPC	EET NE	09/09/23 09:23

Client Sample ID: CS15S (12.5)
Lab Sample ID: 620-13714-1
Date Collected: 09/05/23 13:25
Matrix: Solid
Date Received: 09/06/23 16:00
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26475	KFS	EET NE	09/06/23 19:21
Total/NA	Prep	5035			26495	CLR	EET NE	09/07/23 10:42
Total/NA	Analysis	8260C		1	26496	CLR	EET NE	09/07/23 14:29

Client Sample ID: CS15D (13.5)
Lab Sample ID: 620-13714-2
Date Collected: 09/05/23 13:20
Matrix: Solid
Date Received: 09/06/23 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26558	JPC	EET NE	09/09/23 09:23

Client Sample ID: CS15D (13.5)
Lab Sample ID: 620-13714-2
Date Collected: 09/05/23 13:20
Matrix: Solid
Date Received: 09/06/23 16:00
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26475	KFS	EET NE	09/06/23 19:21
Total/NA	Prep	5035			26495	CLR	EET NE	09/07/23 10:42
Total/NA	Analysis	8260C		1	26496	CLR	EET NE	09/07/23 14:55

Client Sample ID: CS16S (12.5)
Lab Sample ID: 620-13714-3
Date Collected: 09/06/23 11:35
Matrix: Solid
Date Received: 09/06/23 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26558	JPC	EET NE	09/09/23 09:23

Client Sample ID: CS16S (12.5)
Lab Sample ID: 620-13714-3
Date Collected: 09/06/23 11:35
Matrix: Solid
Date Received: 09/06/23 16:00
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26475	KFS	EET NE	09/06/23 19:21
Total/NA	Prep	5035			26495	CLR	EET NE	09/07/23 10:42
Total/NA	Analysis	8260C		1	26496	CLR	EET NE	09/07/23 15:21

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS16D (14.0)
Lab Sample ID: 620-13714-4
Date Collected: 09/06/23 11:30
Matrix: Solid
Date Received: 09/06/23 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26558	JPC	EET NE	09/09/23 09:23

Client Sample ID: CS16D (14.0)
Lab Sample ID: 620-13714-4
Date Collected: 09/06/23 11:30
Matrix: Solid
Date Received: 09/06/23 16:00
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26475	KFS	EET NE	09/06/23 19:21
Total/NA	Prep	5035			26495	CLR	EET NE	09/07/23 10:42
Total/NA	Analysis	8260C		1	26496	CLR	EET NE	09/07/23 15:47

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England

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

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0722	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	1,1,1,2-Tetrachloroethane
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,1-Dichloropropene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,3-Trichloropropane
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trimethylbenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane (EDB)
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3,5-Trichlorobenzene
8260C	5035	Solid	1,3,5-Trimethylbenzene
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,3-Dichloropropane
8260C	5035	Solid	1,3-Dichloropropene, Total
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	1,4-Dioxane
8260C	5035	Solid	2,2-Dichloropropane
8260C	5035	Solid	2-Butanone (MEK)
8260C	5035	Solid	2-Chlorotoluene
8260C	5035	Solid	2-Hexanone (MBK)
8260C	5035	Solid	4-Chlorotoluene
8260C	5035	Solid	4-Isopropyltoluene
8260C	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260C	5035	Solid	Acetone
8260C	5035	Solid	Acrylonitrile
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromobenzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England (Continued)

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

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dibromomethane
8260C	5035	Solid	Dichlorodifluoromethane (Freon 12)
8260C	5035	Solid	di-Isopropyl ether
8260C	5035	Solid	Ethanol
8260C	5035	Solid	Ethyl ether
8260C	5035	Solid	Ethyl tert-butyl ether
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Hexachlorobutadiene
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m,p-Xylene
8260C	5035	Solid	Methyl tert-butyl ether
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	Naphthalene
8260C	5035	Solid	n-Butylbenzene
8260C	5035	Solid	N-Propylbenzene
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	sec-Butylbenzene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tert-amyl methyl ether
8260C	5035	Solid	tert-Butanol
8260C	5035	Solid	tert-Butylbenzene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Tetrahydrofuran
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	trans-1,4-Dichloro-2-butene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane (Freon 11)
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13714-1
Project/Site: Eversource Madison CT Area Work Center -

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-13714-1	CS15S (12.5)	Solid	09/05/23 13:25	09/06/23 16:00
620-13714-2	CS15D (13.5)	Solid	09/05/23 13:20	09/06/23 16:00
620-13714-3	CS16S (12.5)	Solid	09/06/23 11:35	09/06/23 16:00
620-13714-4	CS16D (14.0)	Solid	09/06/23 11:30	09/06/23 16:00

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Michael DeGloria
Groundwater & Environmental Services Inc
100 Sebethe Drive
Unit A8
Cromwell, Connecticut 06416

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JOB DESCRIPTION

Eversource Madison CT Area Work Center -

JOB NUMBER

620-13846-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

See page two for job notes and contact information.

my EOL

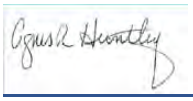
Eurofins New England

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Eurofins New England

Client: Groundwater & Environmental Services Inc

Project Location: Eversource Madison CT Area Work Center -

Project Number: 620-13846-1

Laboratory Sample ID(s): 620-13846-1, 620-13846-2

Sampling Date(s): 09/12/2023

List RCP Methods Used: 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Resonable Confidence Protocol documents?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑Yes ☐No ☐ See case narrative
1B	*VPH and EPH Methods only:* Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☑Yes ☐No ☐ See case narrative
3	Were samples received at an appropriate temperature (<6° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑Yes ☐No ☐ See case narrative ☑Yes ☐No ☐N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

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.

Authorized Signature: Agnes R Huntley Position: Project Manager

Printed Name: Agnes Huntley Date: 09/18/2023

Name of Laboratory: Eurofins New England

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13846-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-13846-1

Receipt
The samples were received on 9/12/2023 2:24 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.4º C.

GC/MS VOA
Methods 8260, 8260C: The continuing calibration verification (CCV) associated with batch 620-26681 exhibited % difference of > 20% for the following analytes: Naphthalene and Tetrachloroethene; however, the results of the LCS were within the CCV acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 20% difference from the initial calibration. According to the laboratory standard operating procedure, the LCS is acceptable if it meets the CCV acceptance criteria.

Method 8260: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 620-26681 recovered outside control limits but within 40-160% for the following analyte: Dichlorodifluoromethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated samples are: (LCS 620-26679/1-A) and (LCSD 620-26679/2-A).

Methods 8260, 8260C: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analytes (biased high): Dichlorodifluoromethane and Trichlorofluoromethane. Affected analytes (biased low): Tetrahydrofuran and Acrylonitrile.
(CCVIS 620-26747/8)

Method 8260: The laboratory control sample (LCS) for batch 620-26747 recovered outside control limits but within 40-160% for the following analyte: Dichlorodifluoromethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated sample is: (LCS 620-26746/1-A).

Method 8260: The laboratory control sample duplicate (LCSD) for batch 620-26747 recovered outside control limits but within 40-160% for the following analytes: 1,2,4-Trichlorobenzene, Dichlorodifluoromethane, and Hexachlorobutadiene. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated sample is: (LCSD 620-26746/2-A).

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

General Chemistry
Method Moisture: The sample duplicate (DUP) precision for analytical batch 620-26735 was outside control limits. Sample non-homogeneity is suspected.

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

Detection Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-17D (13) **Lab Sample ID: 620-13846-1**

No Detections.

Client Sample ID: CS-17S (11) **Lab Sample ID: 620-13846-2**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-17D (13)
Date Collected: 09/12/23 10:10
Date Received: 09/12/23 14:24

Lab Sample ID: 620-13846-1
Matrix: Solid
Percent Solids: 83.5

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Acetone	ND		0.0430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Acrylonitrile	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Benzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Bromobenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Bromochloromethane	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Bromodichloromethane	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Bromoform	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Bromomethane	ND		0.00861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
2-Butanone (MEK)	ND		0.00861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
2-Chlorotoluene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
n-Butylbenzene	ND		0.00861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
sec-Butylbenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
tert-Butylbenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Carbon disulfide	ND		0.00861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Carbon tetrachloride	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Chlorobenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Chloroethane	ND		0.00861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Chloroform	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Chloromethane	ND		0.00861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
4-Chlorotoluene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,2-Dibromo-3-Chloropropane	ND		0.00861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Dibromochloromethane	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,2-Dibromoethane (EDB)	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Dibromomethane	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,2-Dichlorobenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,3-Dichlorobenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,4-Dichlorobenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Dichlorodifluoromethane (Freon 12)	ND	*-	0.00861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,1-Dichloroethane	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,2-Dichloroethane	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,1-Dichloroethene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
cis-1,2-Dichloroethene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
trans-1,2-Dichloroethene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,2-Dichloropropane	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,3-Dichloropropane	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
2,2-Dichloropropane	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,1-Dichloropropene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
cis-1,3-Dichloropropene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
trans-1,3-Dichloropropene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Ethylbenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Hexachlorobutadiene	ND		0.00861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
2-Hexanone (MBK)	ND		0.00861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Isopropylbenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
4-Isopropyltoluene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Methyl tert-butyl ether	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
4-Methyl-2-pentanone (MIBK)	ND		0.00861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Methylene Chloride	ND		0.00861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Naphthalene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-17D (13)
Date Collected: 09/12/23 10:10
Date Received: 09/12/23 14:24

Lab Sample ID: 620-13846-1
Matrix: Solid
Percent Solids: 83.5

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Styrene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,1,1,2-Tetrachloroethane	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,1,2,2-Tetrachloroethane	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Tetrachloroethene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Toluene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,2,3-Trichlorobenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,2,4-Trichlorobenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,3,5-Trichlorobenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,1,1-Trichloroethane	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,1,2-Trichloroethane	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Trichloroethene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Trichlorofluoromethane (Freon 11)	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,2,3-Trichloropropane	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,2,4-Trimethylbenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,3,5-Trimethylbenzene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Vinyl chloride	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
m,p-Xylene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
o-Xylene	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Tetrahydrofuran	ND		0.00861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Ethyl ether	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Tert-amyl methyl ether	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Ethyl tert-butyl ether	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
di-Isopropyl ether	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
tert-Butanol	ND		0.0861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,4-Dioxane	ND		0.0861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
trans-1,4-Dichloro-2-butene	ND		0.0215		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Ethanol	ND		0.861		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
1,3-Dichloropropene, Total	ND		0.00430		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1
Xylenes, Total	ND		0.0129		mg/Kg	☼	09/13/23 10:43	09/13/23 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*09/13/23 10:43*	*09/13/23 17:04*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*09/13/23 10:43*	*09/13/23 17:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 130*	*09/13/23 10:43*	*09/13/23 17:04*	*1*
Dibromofluoromethane (Surr)	*114*		*70 - 130*	*09/13/23 10:43*	*09/13/23 17:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**16.5**		0.1		%			09/14/23 10:32	1
Percent Solids (EPA Moisture)	**83.5**		0.1		%			09/14/23 10:32	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-17S (11)
Date Collected: 09/12/23 10:20
Date Received: 09/12/23 14:24

Lab Sample ID: 620-13846-2
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Acetone	ND		0.0514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Acrylonitrile	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Benzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Bromobenzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Bromochloromethane	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Bromodichloromethane	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Bromoform	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Bromomethane	ND		0.0103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
2-Butanone (MEK)	ND		0.0103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
2-Chlorotoluene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
n-Butylbenzene	ND		0.0103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
sec-Butylbenzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
tert-Butylbenzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Carbon disulfide	ND		0.0103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Carbon tetrachloride	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Chlorobenzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Chloroethane	ND		0.0103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Chloroform	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Chloromethane	ND		0.0103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
4-Chlorotoluene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,2-Dibromo-3-Chloropropane	ND		0.0103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Dibromochloromethane	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,2-Dibromoethane (EDB)	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Dibromomethane	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,2-Dichlorobenzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,3-Dichlorobenzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,4-Dichlorobenzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.0103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,1-Dichloroethane	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,2-Dichloroethane	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,1-Dichloroethene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
cis-1,2-Dichloroethene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
trans-1,2-Dichloroethene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,2-Dichloropropane	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,3-Dichloropropane	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
2,2-Dichloropropane	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,1-Dichloropropene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
cis-1,3-Dichloropropene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
trans-1,3-Dichloropropene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Ethylbenzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Hexachlorobutadiene	ND	*+	0.0103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
2-Hexanone (MBK)	ND		0.0103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Isopropylbenzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
4-Isopropyltoluene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Methyl tert-butyl ether	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
4-Methyl-2-pentanone (MIBK)	ND		0.0103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Methylene Chloride	ND		0.0103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Naphthalene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-17S (11)
Date Collected: 09/12/23 10:20
Date Received: 09/12/23 14:24

Lab Sample ID: 620-13846-2
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Styrene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,1,1,2-Tetrachloroethane	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,1,2,2-Tetrachloroethane	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Tetrachloroethene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Toluene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,2,3-Trichlorobenzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,2,4-Trichlorobenzene	ND	*+	0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,3,5-Trichlorobenzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,1,1-Trichloroethane	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,1,2-Trichloroethane	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Trichloroethene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Trichlorofluoromethane (Freon 11)	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,2,3-Trichloropropane	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,2,4-Trimethylbenzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,3,5-Trimethylbenzene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Vinyl chloride	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
m,p-Xylene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
o-Xylene	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Tetrahydrofuran	ND		0.0103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Ethyl ether	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Tert-amyl methyl ether	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Ethyl tert-butyl ether	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
di-Isopropyl ether	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
tert-Butanol	ND		0.103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,4-Dioxane	ND		0.103		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
trans-1,4-Dichloro-2-butene	ND		0.0257		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Ethanol	ND		1.03		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
1,3-Dichloropropene, Total	ND		0.00514		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1
Xylenes, Total	ND		0.0154		mg/Kg	☼	09/14/23 10:11	09/14/23 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/14/23 10:11*	*09/14/23 16:42*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*09/14/23 10:11*	*09/14/23 16:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*70 - 130*	*09/14/23 10:11*	*09/14/23 16:42*	*1*
Dibromofluoromethane (Surr)	*113*		*70 - 130*	*09/14/23 10:11*	*09/14/23 16:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.6**		0.1		%			09/14/23 10:32	1
Percent Solids (EPA Moisture)	**90.4**		0.1		%			09/14/23 10:32	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB (70-130)	TOL (70-130)	DCA (70-130)	DBFM (70-130)
620-13846-1	CS-17D (13)	105	104	119	114
620-13846-2	CS-17S (11)	95	95	128	113
LCS 620-26679/1-A	Lab Control Sample	104	105	102	108
LCS 620-26746/1-A	Lab Control Sample	97	97	111	108
LCSD 620-26679/2-A	Lab Control Sample Dup	103	105	99	107
LCSD 620-26746/2-A	Lab Control Sample Dup	97	97	110	108
MB 620-26679/3-A	Method Blank	103	102	101	106
MB 620-26746/3-A	Method Blank	95	94	112	107

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-26679/3-A
Matrix: Solid
Analysis Batch: 26681

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26679

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Acetone	ND		0.0500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Acrylonitrile	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Benzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Bromobenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Bromochloromethane	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Bromodichloromethane	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Bromoform	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Bromomethane	ND		0.0100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
2-Chlorotoluene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
n-Butylbenzene	ND		0.0100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
sec-Butylbenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
tert-Butylbenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Carbon disulfide	ND		0.0100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Carbon tetrachloride	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Chlorobenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Chloroethane	ND		0.0100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Chloroform	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Chloromethane	ND		0.0100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
4-Chlorotoluene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Dibromochloromethane	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Dibromomethane	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Ethylbenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Isopropylbenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Methylene Chloride	ND		0.0100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-26679/3-A
Matrix: Solid
Analysis Batch: 26681

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26679

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
N-Propylbenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Styrene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Tetrachloroethene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Toluene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Trichloroethene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Vinyl chloride	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
m,p-Xylene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
o-Xylene	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Tetrahydrofuran	ND		0.0100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Ethyl ether	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
di-Isopropyl ether	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
tert-Butanol	ND		0.100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,4-Dioxane	ND		0.100		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Ethanol	ND		1.00		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		09/13/23 10:43	09/13/23 13:39	1
Xylenes, Total	ND		0.0150		mg/Kg		09/13/23 10:43	09/13/23 13:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*09/13/23 10:43*	*09/13/23 13:39*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*09/13/23 10:43*	*09/13/23 13:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*09/13/23 10:43*	*09/13/23 13:39*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*	*09/13/23 10:43*	*09/13/23 13:39*	*1*

Lab Sample ID: LCS 620-26679/1-A
Matrix: Solid
Analysis Batch: 26681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26679

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02063		mg/Kg		103	70 - 130
Acetone	0.0200	0.02489	J	mg/Kg		124	70 - 130
Acrylonitrile	0.0200	0.02162		mg/Kg		108	70 - 130
Benzene	0.0200	0.02025		mg/Kg		101	70 - 130
Bromobenzene	0.0200	0.01958		mg/Kg		98	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-26679/1-A
Matrix: Solid
Analysis Batch: 26681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26679

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.0200	0.02159		mg/Kg		108	70 - 130
Bromodichloromethane	0.0200	0.02083		mg/Kg		104	70 - 130
Bromoform	0.0200	0.02079		mg/Kg		104	70 - 130
Bromomethane	0.0200	0.01770		mg/Kg		88	70 - 130
2-Butanone (MEK)	0.0200	0.02080		mg/Kg		104	70 - 130
2-Chlorotoluene	0.0200	0.01793		mg/Kg		90	70 - 130
n-Butylbenzene	0.0200	0.01660		mg/Kg		83	70 - 130
sec-Butylbenzene	0.0200	0.01887		mg/Kg		94	70 - 130
tert-Butylbenzene	0.0200	0.02275		mg/Kg		114	70 - 130
Carbon disulfide	0.0200	0.01886		mg/Kg		94	70 - 130
Carbon tetrachloride	0.0200	0.02195		mg/Kg		110	70 - 130
Chlorobenzene	0.0200	0.01758		mg/Kg		88	70 - 130
Chloroethane	0.0200	0.01716		mg/Kg		86	70 - 130
Chloroform	0.0200	0.02050		mg/Kg		102	70 - 130
Chloromethane	0.0200	0.01475		mg/Kg		74	70 - 130
4-Chlorotoluene	0.0200	0.01863		mg/Kg		93	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01858		mg/Kg		93	70 - 130
Dibromochloromethane	0.0200	0.02251		mg/Kg		113	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.02146		mg/Kg		107	70 - 130
Dibromomethane	0.0200	0.02085		mg/Kg		104	70 - 130
1,2-Dichlorobenzene	0.0200	0.01756		mg/Kg		88	70 - 130
1,3-Dichlorobenzene	0.0200	0.02000		mg/Kg		100	70 - 130
1,4-Dichlorobenzene	0.0200	0.01706		mg/Kg		85	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.01267	*-	mg/Kg		63	70 - 130
1,1-Dichloroethane	0.0200	0.01984		mg/Kg		99	70 - 130
1,2-Dichloroethane	0.0200	0.02077		mg/Kg		104	70 - 130
1,1-Dichloroethene	0.0200	0.02024		mg/Kg		101	70 - 130
cis-1,2-Dichloroethene	0.0200	0.02108		mg/Kg		105	70 - 130
trans-1,2-Dichloroethene	0.0200	0.02056		mg/Kg		103	70 - 130
1,2-Dichloropropane	0.0200	0.01911		mg/Kg		96	70 - 130
1,3-Dichloropropane	0.0200	0.02111		mg/Kg		106	70 - 130
2,2-Dichloropropane	0.0200	0.02145		mg/Kg		107	70 - 130
1,1-Dichloropropene	0.0200	0.02055		mg/Kg		103	70 - 130
cis-1,3-Dichloropropene	0.0200	0.02095		mg/Kg		105	70 - 130
trans-1,3-Dichloropropene	0.0200	0.02158		mg/Kg		108	70 - 130
Ethylbenzene	0.0200	0.01764		mg/Kg		88	70 - 130
Hexachlorobutadiene	0.0200	0.01916		mg/Kg		96	70 - 130
2-Hexanone (MBK)	0.0200	0.01947		mg/Kg		97	70 - 130
Isopropylbenzene	0.0200	0.01927		mg/Kg		96	70 - 130
4-Isopropyltoluene	0.0200	0.01738		mg/Kg		87	70 - 130
Methyl tert-butyl ether	0.0200	0.02180		mg/Kg		109	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.02079		mg/Kg		104	70 - 130
Methylene Chloride	0.0200	0.02105		mg/Kg		105	70 - 130
Naphthalene	0.0200	0.01838		mg/Kg		92	70 - 130
N-Propylbenzene	0.0200	0.01820		mg/Kg		91	70 - 130
Styrene	0.0200	0.01903		mg/Kg		95	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01866		mg/Kg		93	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01778		mg/Kg		89	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-26679/1-A
Matrix: Solid
Analysis Batch: 26681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26679

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	0.0200	0.02369		mg/Kg		118	70 - 130
Toluene	0.0200	0.02020		mg/Kg		101	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02042		mg/Kg		102	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02330		mg/Kg		116	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.01944		mg/Kg		97	70 - 130
1,1,1-Trichloroethane	0.0200	0.02182		mg/Kg		109	70 - 130
1,1,2-Trichloroethane	0.0200	0.02042		mg/Kg		102	70 - 130
Trichloroethene	0.0200	0.02087		mg/Kg		104	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.02011		mg/Kg		101	70 - 130
1,2,3-Trichloropropane	0.0200	0.01799		mg/Kg		90	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.01922		mg/Kg		96	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.01917		mg/Kg		96	70 - 130
Vinyl chloride	0.0200	0.01557		mg/Kg		78	70 - 130
m,p-Xylene	0.0200	0.01847		mg/Kg		92	70 - 130
o-Xylene	0.0200	0.01909		mg/Kg		95	70 - 130
Tetrahydrofuran	0.0200	0.02021		mg/Kg		101	70 - 130
Ethyl ether	0.0200	0.01954		mg/Kg		98	70 - 130
Tert-amyl methyl ether	0.0200	0.02151		mg/Kg		108	70 - 130
Ethyl tert-butyl ether	0.0200	0.02139		mg/Kg		107	70 - 130
di-Isopropyl ether	0.0200	0.01984		mg/Kg		99	70 - 130
tert-Butanol	0.200	0.2209		mg/Kg		110	70 - 130
1,4-Dioxane	0.200	0.2069		mg/Kg		103	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.02066	J	mg/Kg		103	70 - 130
Ethanol	0.400	0.4081	J	mg/Kg		102	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 620-26679/2-A
Matrix: Solid
Analysis Batch: 26681

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26679

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02005		mg/Kg		100	70 - 130	3	30
Acetone	0.0200	0.02239	J	mg/Kg		112	70 - 130	11	30
Acrylonitrile	0.0200	0.02053		mg/Kg		103	70 - 130	5	30
Benzene	0.0200	0.01992		mg/Kg		100	70 - 130	2	30
Bromobenzene	0.0200	0.01926		mg/Kg		96	70 - 130	2	30
Bromochloromethane	0.0200	0.02141		mg/Kg		107	70 - 130	1	30
Bromodichloromethane	0.0200	0.02039		mg/Kg		102	70 - 130	2	30
Bromoform	0.0200	0.01990		mg/Kg		99	70 - 130	4	30
Bromomethane	0.0200	0.01759		mg/Kg		88	70 - 130	1	30
2-Butanone (MEK)	0.0200	0.02009		mg/Kg		100	70 - 130	3	30
2-Chlorotoluene	0.0200	0.01756		mg/Kg		88	70 - 130	2	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-26679/2-A
Matrix: Solid
Analysis Batch: 26681

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26679

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	0.0200	0.01606		mg/Kg		80	70 - 130	3	30
sec-Butylbenzene	0.0200	0.01843		mg/Kg		92	70 - 130	2	30
tert-Butylbenzene	0.0200	0.02241		mg/Kg		112	70 - 130	2	30
Carbon disulfide	0.0200	0.01857		mg/Kg		93	70 - 130	2	30
Carbon tetrachloride	0.0200	0.02151		mg/Kg		108	70 - 130	2	30
Chlorobenzene	0.0200	0.01725		mg/Kg		86	70 - 130	2	30
Chloroethane	0.0200	0.01719		mg/Kg		86	70 - 130	0	30
Chloroform	0.0200	0.02008		mg/Kg		100	70 - 130	2	30
Chloromethane	0.0200	0.01437		mg/Kg		72	70 - 130	3	30
4-Chlorotoluene	0.0200	0.01812		mg/Kg		91	70 - 130	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.01866		mg/Kg		93	70 - 130	0	30
Dibromochloromethane	0.0200	0.02138		mg/Kg		107	70 - 130	5	30
1,2-Dibromoethane (EDB)	0.0200	0.02116		mg/Kg		106	70 - 130	1	30
Dibromomethane	0.0200	0.02023		mg/Kg		101	70 - 130	3	30
1,2-Dichlorobenzene	0.0200	0.01750		mg/Kg		88	70 - 130	0	30
1,3-Dichlorobenzene	0.0200	0.01926		mg/Kg		96	70 - 130	4	30
1,4-Dichlorobenzene	0.0200	0.01673		mg/Kg		84	70 - 130	2	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.01210	*-	mg/Kg		60	70 - 130	5	30
1,1-Dichloroethane	0.0200	0.01950		mg/Kg		97	70 - 130	2	30
1,2-Dichloroethane	0.0200	0.02029		mg/Kg		101	70 - 130	2	30
1,1-Dichloroethene	0.0200	0.01995		mg/Kg		100	70 - 130	1	30
cis-1,2-Dichloroethene	0.0200	0.02039		mg/Kg		102	70 - 130	3	30
trans-1,2-Dichloroethene	0.0200	0.02026		mg/Kg		101	70 - 130	1	30
1,2-Dichloropropane	0.0200	0.01903		mg/Kg		95	70 - 130	0	30
1,3-Dichloropropane	0.0200	0.02021		mg/Kg		101	70 - 130	4	30
2,2-Dichloropropane	0.0200	0.02082		mg/Kg		104	70 - 130	3	30
1,1-Dichloropropene	0.0200	0.02038		mg/Kg		102	70 - 130	1	30
cis-1,3-Dichloropropene	0.0200	0.02027		mg/Kg		101	70 - 130	3	30
trans-1,3-Dichloropropene	0.0200	0.02071		mg/Kg		104	70 - 130	4	30
Ethylbenzene	0.0200	0.01734		mg/Kg		87	70 - 130	2	30
Hexachlorobutadiene	0.0200	0.01910		mg/Kg		95	70 - 130	0	30
2-Hexanone (MBK)	0.0200	0.01785		mg/Kg		89	70 - 130	9	30
Isopropylbenzene	0.0200	0.01887		mg/Kg		94	70 - 130	2	30
4-Isopropyltoluene	0.0200	0.01691		mg/Kg		85	70 - 130	3	30
Methyl tert-butyl ether	0.0200	0.02086		mg/Kg		104	70 - 130	4	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01897		mg/Kg		95	70 - 130	9	30
Methylene Chloride	0.0200	0.02011		mg/Kg		101	70 - 130	5	30
Naphthalene	0.0200	0.01815		mg/Kg		91	70 - 130	1	30
N-Propylbenzene	0.0200	0.01776		mg/Kg		89	70 - 130	2	30
Styrene	0.0200	0.01844		mg/Kg		92	70 - 130	3	30
1,1,1,2-Tetrachloroethane	0.0200	0.01836		mg/Kg		92	70 - 130	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.01691		mg/Kg		85	70 - 130	5	30
Tetrachloroethene	0.0200	0.02292		mg/Kg		115	70 - 130	3	30
Toluene	0.0200	0.01986		mg/Kg		99	70 - 130	2	30
1,2,3-Trichlorobenzene	0.0200	0.02021		mg/Kg		101	70 - 130	1	30
1,2,4-Trichlorobenzene	0.0200	0.02180		mg/Kg		109	70 - 130	7	30
1,3,5-Trichlorobenzene	0.0200	0.01874		mg/Kg		94	70 - 130	4	30
1,1,1-Trichloroethane	0.0200	0.02142		mg/Kg		107	70 - 130	2	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-26679/2-A
Matrix: Solid
Analysis Batch: 26681

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26679

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			0.0200	0.01987		mg/Kg		99	70 - 130	3	30
Trichloroethene			0.0200	0.02045		mg/Kg		102	70 - 130	2	30
Trichlorofluoromethane (Freon 11)			0.0200	0.02014		mg/Kg		101	70 - 130	0	30
1,2,3-Trichloropropane			0.0200	0.01739		mg/Kg		87	70 - 130	3	30
1,2,4-Trimethylbenzene			0.0200	0.01870		mg/Kg		93	70 - 130	3	30
1,3,5-Trimethylbenzene			0.0200	0.01886		mg/Kg		94	70 - 130	2	30
Vinyl chloride			0.0200	0.01562		mg/Kg		78	70 - 130	0	30
m,p-Xylene			0.0200	0.01818		mg/Kg		91	70 - 130	2	30
o-Xylene			0.0200	0.01859		mg/Kg		93	70 - 130	3	30
Tetrahydrofuran			0.0200	0.01929		mg/Kg		96	70 - 130	5	30
Ethyl ether			0.0200	0.01920		mg/Kg		96	70 - 130	2	30
Tert-amyl methyl ether			0.0200	0.02075		mg/Kg		104	70 - 130	4	30
Ethyl tert-butyl ether			0.0200	0.02077		mg/Kg		104	70 - 130	3	30
di-Isopropyl ether			0.0200	0.01941		mg/Kg		97	70 - 130	2	30
tert-Butanol			0.200	0.2163		mg/Kg		108	70 - 130	2	30
1,4-Dioxane			0.200	0.2073		mg/Kg		104	70 - 130	0	30
trans-1,4-Dichloro-2-butene			0.0200	0.02023	J	mg/Kg		101	70 - 130	2	30
Ethanol			0.400	0.4461	J	mg/Kg		112	70 - 130	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*

Lab Sample ID: MB 620-26746/3-A
Matrix: Solid
Analysis Batch: 26747

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26746

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Acetone	ND		0.0500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Acrylonitrile	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Benzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Bromobenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Bromochloromethane	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Bromodichloromethane	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Bromoform	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Bromomethane	ND		0.0100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
2-Chlorotoluene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
n-Butylbenzene	ND		0.0100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
sec-Butylbenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
tert-Butylbenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Carbon disulfide	ND		0.0100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Carbon tetrachloride	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Chlorobenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-26746/3-A
Matrix: Solid
Analysis Batch: 26747

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26746

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.0100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Chloroform	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Chloromethane	ND		0.0100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
4-Chlorotoluene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Dibromochloromethane	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Dibromomethane	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Ethylbenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Isopropylbenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Methylene Chloride	ND		0.0100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Naphthalene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
N-Propylbenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Styrene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Tetrachloroethene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Toluene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Trichloroethene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Vinyl chloride	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-26746/3-A
Matrix: Solid
Analysis Batch: 26747

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26746

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
o-Xylene	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Tetrahydrofuran	ND		0.0100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Ethyl ether	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
di-Isopropyl ether	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
tert-Butanol	ND		0.100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,4-Dioxane	ND		0.100		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Ethanol	ND		1.00		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		09/14/23 10:11	09/14/23 16:17	1
Xylenes, Total	ND		0.0150		mg/Kg		09/14/23 10:11	09/14/23 16:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/14/23 10:11*	*09/14/23 16:17*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*09/14/23 10:11*	*09/14/23 16:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*	*09/14/23 10:11*	*09/14/23 16:17*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*	*09/14/23 10:11*	*09/14/23 16:17*	*1*

Lab Sample ID: LCS 620-26746/1-A
Matrix: Solid
Analysis Batch: 26747

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26746

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02058		mg/Kg		103	70 - 130
Acetone	0.0200	0.02162	J	mg/Kg		108	70 - 130
Acrylonitrile	0.0200	0.01823		mg/Kg		91	70 - 130
Benzene	0.0200	0.01836		mg/Kg		92	70 - 130
Bromobenzene	0.0200	0.02183		mg/Kg		109	70 - 130
Bromochloromethane	0.0200	0.02034		mg/Kg		102	70 - 130
Bromodichloromethane	0.0200	0.02001		mg/Kg		100	70 - 130
Bromoform	0.0200	0.02328		mg/Kg		116	70 - 130
Bromomethane	0.0200	0.02098		mg/Kg		105	70 - 130
2-Butanone (MEK)	0.0200	0.01795		mg/Kg		90	70 - 130
2-Chlorotoluene	0.0200	0.02014		mg/Kg		101	70 - 130
n-Butylbenzene	0.0200	0.01991		mg/Kg		100	70 - 130
sec-Butylbenzene	0.0200	0.02154		mg/Kg		108	70 - 130
tert-Butylbenzene	0.0200	0.02151		mg/Kg		108	70 - 130
Carbon disulfide	0.0200	0.01962		mg/Kg		98	70 - 130
Carbon tetrachloride	0.0200	0.02185		mg/Kg		109	70 - 130
Chlorobenzene	0.0200	0.01971		mg/Kg		99	70 - 130
Chloroethane	0.0200	0.02015		mg/Kg		101	70 - 130
Chloroform	0.0200	0.01963		mg/Kg		98	70 - 130
Chloromethane	0.0200	0.02149		mg/Kg		107	70 - 130
4-Chlorotoluene	0.0200	0.02114		mg/Kg		106	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.02004		mg/Kg		100	70 - 130
Dibromochloromethane	0.0200	0.02088		mg/Kg		104	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-26746/1-A
Matrix: Solid
Analysis Batch: 26747

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26746

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.0200	0.01946		mg/Kg		97	70 - 130
Dibromomethane	0.0200	0.01941		mg/Kg		97	70 - 130
1,2-Dichlorobenzene	0.0200	0.02086		mg/Kg		104	70 - 130
1,3-Dichlorobenzene	0.0200	0.02224		mg/Kg		111	70 - 130
1,4-Dichlorobenzene	0.0200	0.01998		mg/Kg		100	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.03878	*+	mg/Kg		194	70 - 130
1,1-Dichloroethane	0.0200	0.01852		mg/Kg		93	70 - 130
1,2-Dichloroethane	0.0200	0.02077		mg/Kg		104	70 - 130
1,1-Dichloroethene	0.0200	0.01961		mg/Kg		98	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01892		mg/Kg		95	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01897		mg/Kg		95	70 - 130
1,2-Dichloropropane	0.0200	0.01751		mg/Kg		88	70 - 130
1,3-Dichloropropane	0.0200	0.01893		mg/Kg		95	70 - 130
2,2-Dichloropropane	0.0200	0.02052		mg/Kg		103	70 - 130
1,1-Dichloropropene	0.0200	0.01940		mg/Kg		97	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01880		mg/Kg		94	70 - 130
trans-1,3-Dichloropropene	0.0200	0.02011		mg/Kg		101	70 - 130
Ethylbenzene	0.0200	0.01984		mg/Kg		99	70 - 130
Hexachlorobutadiene	0.0200	0.02491		mg/Kg		125	70 - 130
2-Hexanone (MBK)	0.0200	0.01583		mg/Kg		79	70 - 130
Isopropylbenzene	0.0200	0.02153		mg/Kg		108	70 - 130
4-Isopropyltoluene	0.0200	0.02054		mg/Kg		103	70 - 130
Methyl tert-butyl ether	0.0200	0.02005		mg/Kg		100	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01701		mg/Kg		85	70 - 130
Methylene Chloride	0.0200	0.02067		mg/Kg		103	70 - 130
Naphthalene	0.0200	0.01902		mg/Kg		95	70 - 130
N-Propylbenzene	0.0200	0.02066		mg/Kg		103	70 - 130
Styrene	0.0200	0.02053		mg/Kg		103	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.02170		mg/Kg		108	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01890		mg/Kg		95	70 - 130
Tetrachloroethene	0.0200	0.02161		mg/Kg		108	70 - 130
Toluene	0.0200	0.01864		mg/Kg		93	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02403		mg/Kg		120	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02532		mg/Kg		127	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.02279		mg/Kg		114	70 - 130
1,1,1-Trichloroethane	0.0200	0.02110		mg/Kg		105	70 - 130
1,1,2-Trichloroethane	0.0200	0.01836		mg/Kg		92	70 - 130
Trichloroethene	0.0200	0.01953		mg/Kg		98	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.02245		mg/Kg		112	70 - 130
1,2,3-Trichloropropane	0.0200	0.01964		mg/Kg		98	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.02200		mg/Kg		110	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02200		mg/Kg		110	70 - 130
Vinyl chloride	0.0200	0.02033		mg/Kg		102	70 - 130
m,p-Xylene	0.0200	0.02073		mg/Kg		104	70 - 130
o-Xylene	0.0200	0.02105		mg/Kg		105	70 - 130
Tetrahydrofuran	0.0200	0.01543		mg/Kg		77	70 - 130
Ethyl ether	0.0200	0.01887		mg/Kg		94	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-26746/1-A
Matrix: Solid
Analysis Batch: 26747

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26746

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tert-amyl methyl ether	0.0200	0.01947		mg/Kg		97	70 - 130
Ethyl tert-butyl ether	0.0200	0.01937		mg/Kg		97	70 - 130
di-Isopropyl ether	0.0200	0.01769		mg/Kg		88	70 - 130
tert-Butanol	0.200	0.1788		mg/Kg		89	70 - 130
1,4-Dioxane	0.200	0.1691		mg/Kg		85	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01969	J	mg/Kg		98	70 - 130
Ethanol	0.400	0.3231	J	mg/Kg		81	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*
Dibromofluoromethane (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 620-26746/2-A
Matrix: Solid
Analysis Batch: 26747

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26746

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02080		mg/Kg		104	70 - 130	1	30
Acetone	0.0200	0.02280	J	mg/Kg		114	70 - 130	5	30
Acrylonitrile	0.0200	0.01916		mg/Kg		96	70 - 130	5	30
Benzene	0.0200	0.01933		mg/Kg		97	70 - 130	5	30
Bromobenzene	0.0200	0.02364		mg/Kg		118	70 - 130	8	30
Bromochloromethane	0.0200	0.02186		mg/Kg		109	70 - 130	7	30
Bromodichloromethane	0.0200	0.02159		mg/Kg		108	70 - 130	8	30
Bromoform	0.0200	0.02532		mg/Kg		127	70 - 130	8	30
Bromomethane	0.0200	0.02069		mg/Kg		103	70 - 130	1	30
2-Butanone (MEK)	0.0200	0.01925		mg/Kg		96	70 - 130	7	30
2-Chlorotoluene	0.0200	0.02193		mg/Kg		110	70 - 130	9	30
n-Butylbenzene	0.0200	0.02137		mg/Kg		107	70 - 130	7	30
sec-Butylbenzene	0.0200	0.02321		mg/Kg		116	70 - 130	7	30
tert-Butylbenzene	0.0200	0.02342		mg/Kg		117	70 - 130	8	30
Carbon disulfide	0.0200	0.01959		mg/Kg		98	70 - 130	0	30
Carbon tetrachloride	0.0200	0.02234		mg/Kg		112	70 - 130	2	30
Chlorobenzene	0.0200	0.02127		mg/Kg		106	70 - 130	8	30
Chloroethane	0.0200	0.01953		mg/Kg		98	70 - 130	3	30
Chloroform	0.0200	0.02036		mg/Kg		102	70 - 130	4	30
Chloromethane	0.0200	0.02171		mg/Kg		109	70 - 130	1	30
4-Chlorotoluene	0.0200	0.02241		mg/Kg		112	70 - 130	6	30
1,2-Dibromo-3-Chloropropane	0.0200	0.02102		mg/Kg		105	70 - 130	5	30
Dibromochloromethane	0.0200	0.02281		mg/Kg		114	70 - 130	9	30
1,2-Dibromoethane (EDB)	0.0200	0.02123		mg/Kg		106	70 - 130	9	30
Dibromomethane	0.0200	0.02089		mg/Kg		104	70 - 130	7	30
1,2-Dichlorobenzene	0.0200	0.02204		mg/Kg		110	70 - 130	5	30
1,3-Dichlorobenzene	0.0200	0.02374		mg/Kg		119	70 - 130	7	30
1,4-Dichlorobenzene	0.0200	0.02114		mg/Kg		106	70 - 130	6	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-26746/2-A
Matrix: Solid
Analysis Batch: 26747

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26746

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorodifluoromethane (Freon 12)	0.0200	0.03775	*+	mg/Kg		189	70 - 130	3	30
1,1-Dichloroethane	0.0200	0.01912		mg/Kg		96	70 - 130	3	30
1,2-Dichloroethane	0.0200	0.02174		mg/Kg		109	70 - 130	5	30
1,1-Dichloroethene	0.0200	0.02015		mg/Kg		101	70 - 130	3	30
cis-1,2-Dichloroethene	0.0200	0.02010		mg/Kg		100	70 - 130	6	30
trans-1,2-Dichloroethene	0.0200	0.01929		mg/Kg		96	70 - 130	2	30
1,2-Dichloropropane	0.0200	0.01840		mg/Kg		92	70 - 130	5	30
1,3-Dichloropropane	0.0200	0.02066		mg/Kg		103	70 - 130	9	30
2,2-Dichloropropane	0.0200	0.02128		mg/Kg		106	70 - 130	4	30
1,1-Dichloropropene	0.0200	0.02010		mg/Kg		100	70 - 130	4	30
cis-1,3-Dichloropropene	0.0200	0.02063		mg/Kg		103	70 - 130	9	30
trans-1,3-Dichloropropene	0.0200	0.02216		mg/Kg		111	70 - 130	10	30
Ethylbenzene	0.0200	0.02134		mg/Kg		107	70 - 130	7	30
Hexachlorobutadiene	0.0200	0.02637	*+	mg/Kg		132	70 - 130	6	30
2-Hexanone (MBK)	0.0200	0.01669		mg/Kg		83	70 - 130	5	30
Isopropylbenzene	0.0200	0.02318		mg/Kg		116	70 - 130	7	30
4-Isopropyltoluene	0.0200	0.02230		mg/Kg		112	70 - 130	8	30
Methyl tert-butyl ether	0.0200	0.02191		mg/Kg		110	70 - 130	9	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01842		mg/Kg		92	70 - 130	8	30
Methylene Chloride	0.0200	0.02128		mg/Kg		106	70 - 130	3	30
Naphthalene	0.0200	0.02032		mg/Kg		102	70 - 130	7	30
N-Propylbenzene	0.0200	0.02209		mg/Kg		110	70 - 130	7	30
Styrene	0.0200	0.02277		mg/Kg		114	70 - 130	10	30
1,1,1,2-Tetrachloroethane	0.0200	0.02367		mg/Kg		118	70 - 130	9	30
1,1,2,2-Tetrachloroethane	0.0200	0.01971		mg/Kg		99	70 - 130	4	30
Tetrachloroethene	0.0200	0.02285		mg/Kg		114	70 - 130	6	30
Toluene	0.0200	0.01973		mg/Kg		99	70 - 130	6	30
1,2,3-Trichlorobenzene	0.0200	0.02503		mg/Kg		125	70 - 130	4	30
1,2,4-Trichlorobenzene	0.0200	0.02643	*+	mg/Kg		132	70 - 130	4	30
1,3,5-Trichlorobenzene	0.0200	0.02390		mg/Kg		119	70 - 130	5	30
1,1,1-Trichloroethane	0.0200	0.02216		mg/Kg		111	70 - 130	5	30
1,1,2-Trichloroethane	0.0200	0.02017		mg/Kg		101	70 - 130	9	30
Trichloroethene	0.0200	0.02029		mg/Kg		101	70 - 130	4	30
Trichlorofluoromethane (Freon 11)	0.0200	0.02302		mg/Kg		115	70 - 130	2	30
1,2,3-Trichloropropane	0.0200	0.02057		mg/Kg		103	70 - 130	5	30
1,2,4-Trimethylbenzene	0.0200	0.02356		mg/Kg		118	70 - 130	7	30
1,3,5-Trimethylbenzene	0.0200	0.02360		mg/Kg		118	70 - 130	7	30
Vinyl chloride	0.0200	0.02021		mg/Kg		101	70 - 130	1	30
m,p-Xylene	0.0200	0.02216		mg/Kg		111	70 - 130	7	30
o-Xylene	0.0200	0.02271		mg/Kg		114	70 - 130	8	30
Tetrahydrofuran	0.0200	0.01675		mg/Kg		84	70 - 130	8	30
Ethyl ether	0.0200	0.01952		mg/Kg		98	70 - 130	3	30
Tert-amyl methyl ether	0.0200	0.02132		mg/Kg		107	70 - 130	9	30
Ethyl tert-butyl ether	0.0200	0.02132		mg/Kg		107	70 - 130	10	30
di-Isopropyl ether	0.0200	0.01962		mg/Kg		98	70 - 130	10	30
tert-Butanol	0.200	0.1809		mg/Kg		90	70 - 130	1	30
1,4-Dioxane	0.200	0.1825		mg/Kg		91	70 - 130	8	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-26746/2-A
Matrix: Solid
Analysis Batch: 26747

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26746

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,4-Dichloro-2-butene			0.0200	0.02073	J	mg/Kg		104	70 - 130	5	30
Ethanol			0.400	0.3205	J	mg/Kg		80	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*
Dibromofluoromethane (Surr)	*108*		*70 - 130*

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Pre Prep Batch: 26642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13846-1	CS-17D (13)	Total/NA	Solid	Frozen Preserve	
620-13846-2	CS-17S (11)	Total/NA	Solid	Frozen Preserve	

Prep Batch: 26679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13846-1	CS-17D (13)	Total/NA	Solid	5035	26642
MB 620-26679/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-26679/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-26679/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 26681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13846-1	CS-17D (13)	Total/NA	Solid	8260C	26679
MB 620-26679/3-A	Method Blank	Total/NA	Solid	8260C	26679
LCS 620-26679/1-A	Lab Control Sample	Total/NA	Solid	8260C	26679
LCSD 620-26679/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	26679

Prep Batch: 26746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13846-2	CS-17S (11)	Total/NA	Solid	5035	26642
MB 620-26746/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-26746/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-26746/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 26747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13846-2	CS-17S (11)	Total/NA	Solid	8260C	26746
MB 620-26746/3-A	Method Blank	Total/NA	Solid	8260C	26746
LCS 620-26746/1-A	Lab Control Sample	Total/NA	Solid	8260C	26746
LCSD 620-26746/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	26746

General Chemistry

Analysis Batch: 26735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13846-1	CS-17D (13)	Total/NA	Solid	Moisture	
620-13846-2	CS-17S (11)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-17D (13)
Lab Sample ID: 620-13846-1
Date Collected: 09/12/23 10:10
Matrix: Solid
Date Received: 09/12/23 14:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26735	ODO	EET NE	09/14/23 10:32

Client Sample ID: CS-17D (13)
Lab Sample ID: 620-13846-1
Date Collected: 09/12/23 10:10
Matrix: Solid
Date Received: 09/12/23 14:24
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26642	KFS	EET NE	09/12/23 14:46
Total/NA	Prep	5035			26679	CLR	EET NE	09/13/23 10:43
Total/NA	Analysis	8260C		1	26681	CLR	EET NE	09/13/23 17:04

Client Sample ID: CS-17S (11)
Lab Sample ID: 620-13846-2
Date Collected: 09/12/23 10:20
Matrix: Solid
Date Received: 09/12/23 14:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26735	ODO	EET NE	09/14/23 10:32

Client Sample ID: CS-17S (11)
Lab Sample ID: 620-13846-2
Date Collected: 09/12/23 10:20
Matrix: Solid
Date Received: 09/12/23 14:24
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26642	KFS	EET NE	09/12/23 14:46
Total/NA	Prep	5035			26746	CLR	EET NE	09/14/23 10:11
Total/NA	Analysis	8260C		1	26747	CLR	EET NE	09/14/23 16:42

Laboratory References:
EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England

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

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0722	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	1,1,1,2-Tetrachloroethane
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,1-Dichloropropene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,3-Trichloropropane
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trimethylbenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane (EDB)
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3,5-Trichlorobenzene
8260C	5035	Solid	1,3,5-Trimethylbenzene
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,3-Dichloropropane
8260C	5035	Solid	1,3-Dichloropropene, Total
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	1,4-Dioxane
8260C	5035	Solid	2,2-Dichloropropane
8260C	5035	Solid	2-Butanone (MEK)
8260C	5035	Solid	2-Chlorotoluene
8260C	5035	Solid	2-Hexanone (MBK)
8260C	5035	Solid	4-Chlorotoluene
8260C	5035	Solid	4-Isopropyltoluene
8260C	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260C	5035	Solid	Acetone
8260C	5035	Solid	Acrylonitrile
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromobenzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England (Continued)

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

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dibromomethane
8260C	5035	Solid	Dichlorodifluoromethane (Freon 12)
8260C	5035	Solid	di-Isopropyl ether
8260C	5035	Solid	Ethanol
8260C	5035	Solid	Ethyl ether
8260C	5035	Solid	Ethyl tert-butyl ether
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Hexachlorobutadiene
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m,p-Xylene
8260C	5035	Solid	Methyl tert-butyl ether
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	Naphthalene
8260C	5035	Solid	n-Butylbenzene
8260C	5035	Solid	N-Propylbenzene
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	sec-Butylbenzene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tert-amyl methyl ether
8260C	5035	Solid	tert-Butanol
8260C	5035	Solid	tert-Butylbenzene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Tetrahydrofuran
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	trans-1,4-Dichloro-2-butene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane (Freon 11)
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13846-1
Project/Site: Eversource Madison CT Area Work Center -

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-13846-1	CS-17D (13)	Solid	09/12/23 10:10	09/12/23 14:24
620-13846-2	CS-17S (11)	Solid	09/12/23 10:20	09/12/23 14:24

620-13846 Chain of Custody

13846

:nt Testing
:no

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

☐ Standard TAT - 7 to 10 business days

☑ Rush TAT - Date Needed: 5-day

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: GES
100 Sebethe Drive
Unit 8-A
Cromwell, CT 06415
Telephone #: 866-839-5195 ext. 3839
Project Mgr: Michael DeGlona

Invoice To: GES via e-invoice
ges-invoices@gesonline.com

P O No: _____ Quote #: _____

Project No: 150 3708 -3801 .500
Site Name: Eversource Madison AWC
Location: 135 New Road State: CT
Sampler(s): DON CUSTER

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=_____ 12=_____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=_____ X2=_____ X3=_____

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs via 8260C	Check if chlorinated	QA/QC Reporting Notes: * additional charges may appply
-1	CS-17D(13)	9.12.23	1010	G	SO	3			1	X	☐	
-2	CS-17S(11)	9.12.23	1020	G	SO	3			1	X	☐	
											☐	
											☐	
											☐	
											☐	
											☐	
											☐	
											☐	
											☐	

List Preservative Code below:

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
☑ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: _____
State-specific reporting standards.

Relinquished by:	Received by:	Date:	Time:	Temp °C
		9/12/23	12:03	Observed 1.2
		9/12/23	14:24	Correction Factor +0.2
				Corrected 1.4

Sample Shipping Address: 126 Myron Street • West Springfield, MA 01089 • 413-789-9018
Lab Address: 646 Camp Ave • North Kingstown, RI 02852

☐ EDD format: _____
☑ E-mail to: GESInbox@gesonline.com, mdeglona@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

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Rev. Jan 2020

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-13846-1

Login Number: 13846
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

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

620-13714 Chain of Custody

13714

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☑ ~~Standard TAT - 7 to 10 business days~~
- ☑ Rush TAT - Date Needed: 5-DAY
- All TATs subject to laboratory approval
- Min. 24-hr notification needed for rushes
- Samples disposed after 30 days unless otherwise instructed.

Report To	GES 100 Sebethe Drive Unit 8-A Cromwell, CT 06416	Invoice To	GES via e-invoice ges-invoices@gesonline.com
Telephone #	866-839-5195 ext. 3839		
Project Mgr	Michael DeGloria	P O No	Quote #
Project No	1503708-3001-~~280-4145~~ 500		
Site Name	Eversource Madison AWC		
Location	135 New Road	State	CT
Sampler(s)			

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=_____ 12=_____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=_____ X2=_____ X3=_____

G= Grab C=Composite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs via 8260C	Check if chlorinated
	~~CS15S~~									x	☐
-1	CS15S (12.5)	9-5-23	1325	G	SO	3			1	X	☐
-2	CS15D (13.5)	9-5-23	1320	G	SO	3			1	X	☐
-3	CS16S (12.5)	9-6-23	1135	G	SO	3			1	X	☐
-4	CS16D (14.0)	9-6-23	1130	G	SO	3			1	X	☐
											☐
											☐
											☐
											☐
											☐

List Preservative Code below:

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
☑ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: _____
State-specific reporting standards

Relinquished by:	Received by:	Date:	Time:	Temp °C
		9-6-23	1410	Observed 4.8
		9/6/23	16:03	Correction Factor +0.2
				Corrected 5.0

☐ EDD format: _____
☑ E-mail to: GESInbox@gesonline.com, mdegloria@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sample Shipping Address: 126 Myron Street • West Springfield, MA 01089 • 413-788-9018
Lab Address: 646 Camp Ave • North Kingstown, RI 02852
www.EurofinsUS.com/Spectrum

Rev. Jan 2020

PROJECT COMMUNICATION FORM

Client Name: Eversrouce

Project Name: Madison AWC ***Project Number:***

Project Manager: Michael DeGloria ***Contact info:*** 845-661-4180

Field Manager: Don Custer 203-232-4320

Sample Matrix: ■ groundwater or surface water, ■ soil, ☐ sediment, ☐ drinking water, ☐ air, ☐ other

RCP Analyses/Methods:

■ VOC 8260, ☐ VOC 8021, ☐ Aromatics 8021/8260,

☐ Halocarbons 8021/8260, ☐ Pesticides 8081, ☐ PCB 8082, ☐ PAH 8270,

☐ SVOC 8270, ☐ RCRA 8 Metals, ☐ PP13 Metals, ☐ RSR 15 Metals

☐ CTDPH ETPH, ☐ Other tests:

TAT Required: Standard: ☐ Other: ☐

Constituents of Concern: Please *note any known or suspected contaminants in high concentrations or any non-standard analytes not contained in routine target lists (see notes).*

Gasoline

Regulatory Criteria:

■ Residential Direct Exposure Criteria, ☐ Industrial/Commercial Direct Exposure Criteria,

■ GA Pollutant Mobility Criteria, ☐ GB Pollutant Mobility Criteria, ☐ Other:

■ Groundwater Protection Criteria, ■ Surface Water Protection Criteria, ☐ Aquatic Life Criteria (specify applicable criteria below) ☐ Other:

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-13714-1

Login Number: 13714
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

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

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Michael DeGloria
Groundwater & Environmental Services Inc
100 Sebethe Drive
Unit A8
Cromwell, Connecticut 06416

Generated 9/21/2023 4:57:47 PM

JOB DESCRIPTION

Eversource Madison CT Area Work Center -

JOB NUMBER

620-13966-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

See page two for job notes and contact information.

my EOL

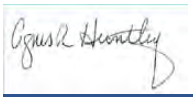
Eurofins New England

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
Agnes Huntley, Project Manager
Agnes.Huntley@et.eurofinsus.com
(401)372-3482

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Eurofins New England

Client: Groundwater & Environmental Services Inc

Project Location: Eversource Madison CT Area Work Center -

Project Number: 620-13966-1

Laboratory Sample ID(s): 620-13966-1 through 620-13966-8

Sampling Date(s): 09/14/2023

List RCP Methods Used: 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Resonable Confidence Protocol documents?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑Yes ☐No ☐ See case narrative
1B	*VPH and EPH Methods only:* Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☑Yes ☐No ☐ See case narrative
3	Were samples received at an appropriate temperature (<6° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑Yes ☐No ☐ See case narrative ☑Yes ☐No ☐N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

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.

Authorized Signature: Agnes R Huntley Position: Project Manager

Printed Name: Agnes Huntley Date: 09/21/2023

Name of Laboratory: Eurofins New England

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13966-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-13966-1

Receipt
The samples were received on 9/15/2023 3:39 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.0º C.

GC/MS VOA
Methods 8260, 8260C: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analytes (biased low): Tetrahydrofuran, Isopropyl ether, Vinyl chloride, and 1,2-Dichloropropane.
(CCVIS 620-26977/3)

Methods 8260, 8260C: The continuing calibration verification (CCV) associated with batch 620-26977 exhibited % difference of > 20% for the following analytes: Naphthalene, Acrylonitrile, 2-Methyl-2-propanol, and Tert-butyl ethyl ether; however, the results of the LCS were within the CCV acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 20% difference from the initial calibration. According to the laboratory standard operating procedure, the LCS is acceptable if it meets the CCV acceptance criteria.

Methods 8260, 8260C: The continuing calibration verification (CCV) associated with batch 620-27018 exhibited % difference of > 20% for the following analytes: Tetrahydrofuran; however, the results of the LCS were within the CCV acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 20% difference from the initial calibration. According to the laboratory standard operating procedure, the LCS is acceptable if it meets the CCV acceptance criteria.

Methods 8260, 8260C: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analytes (biased high): Dichlorodifluoromethane.
(CCVIS 620-27018/3)

Methods 8260, 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 620-26656 and 620-26976 and analytical batch 620-26977 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Methods 8260, 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 620-26656 and 620-27038 and analytical batch 620-27018 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8260: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 620-27018 recovered outside control limits but within 40-160% for the following analytes: Dichlorodifluoromethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated samples are: (LCS 620-27038/1-A) and (LCSD 620-27038/2-A).

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

General Chemistry
Method Moisture: The sample duplicate (DUP) precision for analytical batch 620-26882 was outside control limits. Sample non-homogeneity is suspected.

Method Moisture: The sample duplicate (DUP) precision for analytical batch 620-26938 was outside control limits. Sample matrix interference is suspected.

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

Detection Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-18D (12.5) **Lab Sample ID: 620-13966-1**

No Detections.

Client Sample ID: CS-18S (11) **Lab Sample ID: 620-13966-2**

No Detections.

Client Sample ID: CS-19D (12) **Lab Sample ID: 620-13966-3**

No Detections.

Client Sample ID: CS-19S (11) **Lab Sample ID: 620-13966-4**

No Detections.

Client Sample ID: CS-20D (10) **Lab Sample ID: 620-13966-5**

No Detections.

Client Sample ID: CS-20S (9) **Lab Sample ID: 620-13966-6**

No Detections.

Client Sample ID: CS-21D (12) **Lab Sample ID: 620-13966-7**

No Detections.

Client Sample ID: CS-21S (11) **Lab Sample ID: 620-13966-8**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-18D (12.5)
Date Collected: 09/14/23 11:30
Date Received: 09/15/23 15:39

Lab Sample ID: 620-13966-1
Matrix: Solid
Percent Solids: 87.8

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Acetone	ND		0.0441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Acrylonitrile	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Benzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Bromobenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Bromochloromethane	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Bromodichloromethane	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Bromoform	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Bromomethane	ND		0.00883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
2-Butanone (MEK)	ND		0.00883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
2-Chlorotoluene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
n-Butylbenzene	ND		0.00883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
sec-Butylbenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
tert-Butylbenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Carbon disulfide	ND		0.00883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Carbon tetrachloride	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Chlorobenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Chloroethane	ND		0.00883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Chloroform	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Chloromethane	ND		0.00883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
4-Chlorotoluene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,2-Dibromo-3-Chloropropane	ND		0.00883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Dibromochloromethane	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,2-Dibromoethane (EDB)	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Dibromomethane	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,2-Dichlorobenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,3-Dichlorobenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,4-Dichlorobenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Dichlorodifluoromethane (Freon 12)	ND		0.00883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,1-Dichloroethane	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,2-Dichloroethane	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,1-Dichloroethene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
cis-1,2-Dichloroethene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
trans-1,2-Dichloroethene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,2-Dichloropropane	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,3-Dichloropropane	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
2,2-Dichloropropane	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,1-Dichloropropene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
cis-1,3-Dichloropropene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
trans-1,3-Dichloropropene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Ethylbenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Hexachlorobutadiene	ND		0.00883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
2-Hexanone (MBK)	ND		0.00883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Isopropylbenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
4-Isopropyltoluene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Methyl tert-butyl ether	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
4-Methyl-2-pentanone (MIBK)	ND		0.00883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Methylene Chloride	ND		0.00883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Naphthalene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-18D (12.5)
Date Collected: 09/14/23 11:30
Date Received: 09/15/23 15:39

Lab Sample ID: 620-13966-1
Matrix: Solid
Percent Solids: 87.8

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Styrene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,1,1,2-Tetrachloroethane	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,1,2,2-Tetrachloroethane	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Tetrachloroethene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Toluene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,2,3-Trichlorobenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,2,4-Trichlorobenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,3,5-Trichlorobenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,1,1-Trichloroethane	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,1,2-Trichloroethane	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Trichloroethene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Trichlorofluoromethane (Freon 11)	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,2,3-Trichloropropane	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,2,4-Trimethylbenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,3,5-Trimethylbenzene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Vinyl chloride	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
m,p-Xylene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
o-Xylene	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Tetrahydrofuran	ND		0.00883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Ethyl ether	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Tert-amyl methyl ether	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Ethyl tert-butyl ether	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
di-Isopropyl ether	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
tert-Butanol	ND		0.0883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,4-Dioxane	ND		0.0883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
trans-1,4-Dichloro-2-butene	ND		0.0221		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Ethanol	ND		0.883		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
1,3-Dichloropropene, Total	ND		0.00441		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1
Xylenes, Total	ND		0.0132		mg/Kg	☼	09/20/23 10:34	09/20/23 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*09/20/23 10:34*	*09/20/23 16:05*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*09/20/23 10:34*	*09/20/23 16:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 130*	*09/20/23 10:34*	*09/20/23 16:05*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*	*09/20/23 10:34*	*09/20/23 16:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.2**		0.1		%			09/18/23 12:27	1
Percent Solids (EPA Moisture)	**87.8**		0.1		%			09/18/23 12:27	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-18S (11)
Date Collected: 09/14/23 11:45
Date Received: 09/15/23 15:39

Lab Sample ID: 620-13966-2
Matrix: Solid
Percent Solids: 87.5

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Acetone	ND		0.0395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Acrylonitrile	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Benzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Bromobenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Bromochloromethane	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Bromodichloromethane	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Bromoform	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Bromomethane	ND		0.00790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
2-Butanone (MEK)	ND		0.00790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
2-Chlorotoluene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
n-Butylbenzene	ND		0.00790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
sec-Butylbenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
tert-Butylbenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Carbon disulfide	ND		0.00790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Carbon tetrachloride	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Chlorobenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Chloroethane	ND		0.00790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Chloroform	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Chloromethane	ND		0.00790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
4-Chlorotoluene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,2-Dibromo-3-Chloropropane	ND		0.00790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Dibromochloromethane	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,2-Dibromoethane (EDB)	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Dibromomethane	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,2-Dichlorobenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,3-Dichlorobenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,4-Dichlorobenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Dichlorodifluoromethane (Freon 12)	ND		0.00790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,1-Dichloroethane	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,2-Dichloroethane	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,1-Dichloroethene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
cis-1,2-Dichloroethene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
trans-1,2-Dichloroethene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,2-Dichloropropane	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,3-Dichloropropane	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
2,2-Dichloropropane	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,1-Dichloropropene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
cis-1,3-Dichloropropene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
trans-1,3-Dichloropropene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Ethylbenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Hexachlorobutadiene	ND		0.00790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
2-Hexanone (MBK)	ND		0.00790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Isopropylbenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
4-Isopropyltoluene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Methyl tert-butyl ether	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
4-Methyl-2-pentanone (MIBK)	ND		0.00790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Methylene Chloride	ND		0.00790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Naphthalene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-18S (11)
Date Collected: 09/14/23 11:45
Date Received: 09/15/23 15:39

Lab Sample ID: 620-13966-2
Matrix: Solid
Percent Solids: 87.5

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Styrene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,1,1,2-Tetrachloroethane	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,1,2,2-Tetrachloroethane	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Tetrachloroethene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Toluene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,2,3-Trichlorobenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,2,4-Trichlorobenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,3,5-Trichlorobenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,1,1-Trichloroethane	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,1,2-Trichloroethane	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Trichloroethene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Trichlorofluoromethane (Freon 11)	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,2,3-Trichloropropane	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,2,4-Trimethylbenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,3,5-Trimethylbenzene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Vinyl chloride	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
m,p-Xylene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
o-Xylene	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Tetrahydrofuran	ND		0.00790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Ethyl ether	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Tert-amyl methyl ether	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Ethyl tert-butyl ether	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
di-Isopropyl ether	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
tert-Butanol	ND		0.0790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,4-Dioxane	ND		0.0790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
trans-1,4-Dichloro-2-butene	ND		0.0198		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Ethanol	ND		0.790		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
1,3-Dichloropropene, Total	ND		0.00395		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1
Xylenes, Total	ND		0.0119		mg/Kg	☼	09/20/23 10:34	09/20/23 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/20/23 10:34*	*09/20/23 16:30*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*09/20/23 10:34*	*09/20/23 16:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 130*	*09/20/23 10:34*	*09/20/23 16:30*	*1*
Dibromofluoromethane (Surr)	*110*		*70 - 130*	*09/20/23 10:34*	*09/20/23 16:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.5**		0.1		%			09/18/23 12:27	1
Percent Solids (EPA Moisture)	**87.5**		0.1		%			09/18/23 12:27	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-19D (12)
Lab Sample ID: 620-13966-3
Date Collected: 09/14/23 12:50
Matrix: Solid
Date Received: 09/15/23 15:39
Percent Solids: 89.3

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Acetone	ND		0.0435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Acrylonitrile	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Benzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Bromobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Bromochloromethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Bromodichloromethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Bromoform	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Bromomethane	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
2-Butanone (MEK)	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
2-Chlorotoluene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
n-Butylbenzene	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
sec-Butylbenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
tert-Butylbenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Carbon disulfide	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Carbon tetrachloride	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Chlorobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Chloroethane	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Chloroform	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Chloromethane	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
4-Chlorotoluene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,2-Dibromo-3-Chloropropane	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Dibromochloromethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,2-Dibromoethane (EDB)	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Dibromomethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,2-Dichlorobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,3-Dichlorobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,4-Dichlorobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Dichlorodifluoromethane (Freon 12)	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,1-Dichloroethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,2-Dichloroethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,1-Dichloroethene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
cis-1,2-Dichloroethene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
trans-1,2-Dichloroethene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,2-Dichloropropane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,3-Dichloropropane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
2,2-Dichloropropane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,1-Dichloropropene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
cis-1,3-Dichloropropene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
trans-1,3-Dichloropropene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Ethylbenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Hexachlorobutadiene	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
2-Hexanone (MBK)	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Isopropylbenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
4-Isopropyltoluene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Methyl tert-butyl ether	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
4-Methyl-2-pentanone (MIBK)	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Methylene Chloride	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Naphthalene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-19D (12)
Date Collected: 09/14/23 12:50
Date Received: 09/15/23 15:39

Lab Sample ID: 620-13966-3
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Styrene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,1,1,2-Tetrachloroethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,1,2,2-Tetrachloroethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Tetrachloroethene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Toluene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,2,3-Trichlorobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,2,4-Trichlorobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,3,5-Trichlorobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,1,1-Trichloroethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,1,2-Trichloroethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Trichloroethene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Trichlorofluoromethane (Freon 11)	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,2,3-Trichloropropane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,2,4-Trimethylbenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,3,5-Trimethylbenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Vinyl chloride	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
m,p-Xylene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
o-Xylene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Tetrahydrofuran	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Ethyl ether	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Tert-amyl methyl ether	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Ethyl tert-butyl ether	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
di-Isopropyl ether	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
tert-Butanol	ND		0.0870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,4-Dioxane	ND		0.0870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
trans-1,4-Dichloro-2-butene	ND		0.0218		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Ethanol	ND		0.870		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
1,3-Dichloropropene, Total	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1
Xylenes, Total	ND		0.0131		mg/Kg	☼	09/20/23 10:34	09/20/23 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/20/23 10:34*	*09/20/23 16:55*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*09/20/23 10:34*	*09/20/23 16:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*70 - 130*	*09/20/23 10:34*	*09/20/23 16:55*	*1*
Dibromofluoromethane (Surr)	*114*		*70 - 130*	*09/20/23 10:34*	*09/20/23 16:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.7**		0.1		%			09/18/23 12:27	1
Percent Solids (EPA Moisture)	**89.3**		0.1		%			09/18/23 12:27	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-19S (11)
Date Collected: 09/14/23 13:00
Date Received: 09/15/23 15:39

Lab Sample ID: 620-13966-4
Matrix: Solid
Percent Solids: 92.0

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Acetone	ND		0.0435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Acrylonitrile	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Benzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Bromobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Bromochloromethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Bromodichloromethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Bromoform	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Bromomethane	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
2-Butanone (MEK)	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
2-Chlorotoluene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
n-Butylbenzene	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
sec-Butylbenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
tert-Butylbenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Carbon disulfide	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Carbon tetrachloride	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Chlorobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Chloroethane	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Chloroform	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Chloromethane	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
4-Chlorotoluene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,2-Dibromo-3-Chloropropane	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Dibromochloromethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,2-Dibromoethane (EDB)	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Dibromomethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,2-Dichlorobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,3-Dichlorobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,4-Dichlorobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Dichlorodifluoromethane (Freon 12)	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,1-Dichloroethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,2-Dichloroethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,1-Dichloroethene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
cis-1,2-Dichloroethene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
trans-1,2-Dichloroethene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,2-Dichloropropane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,3-Dichloropropane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
2,2-Dichloropropane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,1-Dichloropropene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
cis-1,3-Dichloropropene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
trans-1,3-Dichloropropene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Ethylbenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Hexachlorobutadiene	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
2-Hexanone (MBK)	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Isopropylbenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
4-Isopropyltoluene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Methyl tert-butyl ether	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
4-Methyl-2-pentanone (MIBK)	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Methylene Chloride	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Naphthalene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-19S (11)
Date Collected: 09/14/23 13:00
Date Received: 09/15/23 15:39

Lab Sample ID: 620-13966-4
Matrix: Solid
Percent Solids: 92.0

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Styrene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,1,1,2-Tetrachloroethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,1,2,2-Tetrachloroethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Tetrachloroethene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Toluene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,2,3-Trichlorobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,2,4-Trichlorobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,3,5-Trichlorobenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,1,1-Trichloroethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,1,2-Trichloroethane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Trichloroethene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Trichlorofluoromethane (Freon 11)	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,2,3-Trichloropropane	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,2,4-Trimethylbenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,3,5-Trimethylbenzene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Vinyl chloride	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
m,p-Xylene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
o-Xylene	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Tetrahydrofuran	ND		0.00870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Ethyl ether	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Tert-amyl methyl ether	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Ethyl tert-butyl ether	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
di-Isopropyl ether	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
tert-Butanol	ND		0.0870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,4-Dioxane	ND		0.0870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
trans-1,4-Dichloro-2-butene	ND		0.0217		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Ethanol	ND		0.870		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
1,3-Dichloropropene, Total	ND		0.00435		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1
Xylenes, Total	ND		0.0130		mg/Kg	☼	09/20/23 10:34	09/20/23 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*09/20/23 10:34*	*09/20/23 17:20*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*09/20/23 10:34*	*09/20/23 17:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 130*	*09/20/23 10:34*	*09/20/23 17:20*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*	*09/20/23 10:34*	*09/20/23 17:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.0**		0.1		%			09/18/23 12:27	1
Percent Solids (EPA Moisture)	**92.0**		0.1		%			09/18/23 12:27	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-20D (10)
Date Collected: 09/14/23 13:20
Date Received: 09/15/23 15:39

Lab Sample ID: 620-13966-5
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Acetone	ND		0.0505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Acrylonitrile	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Benzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Bromobenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Bromochloromethane	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Bromodichloromethane	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Bromoform	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Bromomethane	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
2-Butanone (MEK)	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
2-Chlorotoluene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
n-Butylbenzene	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
sec-Butylbenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
tert-Butylbenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Carbon disulfide	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Carbon tetrachloride	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Chlorobenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Chloroethane	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Chloroform	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Chloromethane	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
4-Chlorotoluene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,2-Dibromo-3-Chloropropane	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Dibromochloromethane	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,2-Dibromoethane (EDB)	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Dibromomethane	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,2-Dichlorobenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,3-Dichlorobenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,4-Dichlorobenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Dichlorodifluoromethane (Freon 12)	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,1-Dichloroethane	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,2-Dichloroethane	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,1-Dichloroethene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
cis-1,2-Dichloroethene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
trans-1,2-Dichloroethene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,2-Dichloropropane	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,3-Dichloropropane	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
2,2-Dichloropropane	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,1-Dichloropropene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
cis-1,3-Dichloropropene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
trans-1,3-Dichloropropene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Ethylbenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Hexachlorobutadiene	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
2-Hexanone (MBK)	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Isopropylbenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
4-Isopropyltoluene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Methyl tert-butyl ether	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
4-Methyl-2-pentanone (MIBK)	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Methylene Chloride	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Naphthalene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-20D (10)
Lab Sample ID: 620-13966-5
Date Collected: 09/14/23 13:20
Matrix: Solid
Date Received: 09/15/23 15:39
Percent Solids: 91.8

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Styrene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,1,1,2-Tetrachloroethane	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,1,2,2-Tetrachloroethane	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Tetrachloroethene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Toluene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,2,3-Trichlorobenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,2,4-Trichlorobenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,3,5-Trichlorobenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,1,1-Trichloroethane	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,1,2-Trichloroethane	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Trichloroethene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Trichlorofluoromethane (Freon 11)	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,2,3-Trichloropropane	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,2,4-Trimethylbenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,3,5-Trimethylbenzene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Vinyl chloride	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
m,p-Xylene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
o-Xylene	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Tetrahydrofuran	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Ethyl ether	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Tert-amyl methyl ether	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Ethyl tert-butyl ether	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
di-Isopropyl ether	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
tert-Butanol	ND		0.101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,4-Dioxane	ND		0.101		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
trans-1,4-Dichloro-2-butene	ND		0.0253		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Ethanol	ND		1.01		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
1,3-Dichloropropene, Total	ND		0.00505		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1
Xylenes, Total	ND		0.0152		mg/Kg	☼	09/20/23 10:34	09/20/23 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*09/20/23 10:34*	*09/20/23 17:46*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*09/20/23 10:34*	*09/20/23 17:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*70 - 130*	*09/20/23 10:34*	*09/20/23 17:46*	*1*
Dibromofluoromethane (Surr)	*113*		*70 - 130*	*09/20/23 10:34*	*09/20/23 17:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.2**		0.1		%			09/19/23 12:23	1
Percent Solids (EPA Moisture)	**91.8**		0.1		%			09/19/23 12:23	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-20S (9)
Lab Sample ID: 620-13966-6
Date Collected: 09/14/23 13:30
Matrix: Solid
Date Received: 09/15/23 15:39
Percent Solids: 81.4

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Acetone	ND		0.0444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Acrylonitrile	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Benzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Bromobenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Bromochloromethane	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Bromodichloromethane	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Bromoform	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Bromomethane	ND		0.00889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
2-Butanone (MEK)	ND		0.00889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
2-Chlorotoluene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
n-Butylbenzene	ND		0.00889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
sec-Butylbenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
tert-Butylbenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Carbon disulfide	ND		0.00889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Carbon tetrachloride	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Chlorobenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Chloroethane	ND		0.00889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Chloroform	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Chloromethane	ND		0.00889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
4-Chlorotoluene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,2-Dibromo-3-Chloropropane	ND		0.00889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Dibromochloromethane	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,2-Dibromoethane (EDB)	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Dibromomethane	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,2-Dichlorobenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,3-Dichlorobenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,4-Dichlorobenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Dichlorodifluoromethane (Freon 12)	ND		0.00889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,1-Dichloroethane	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,2-Dichloroethane	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,1-Dichloroethene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
cis-1,2-Dichloroethene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
trans-1,2-Dichloroethene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,2-Dichloropropane	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,3-Dichloropropane	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
2,2-Dichloropropane	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,1-Dichloropropene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
cis-1,3-Dichloropropene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
trans-1,3-Dichloropropene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Ethylbenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Hexachlorobutadiene	ND		0.00889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
2-Hexanone (MBK)	ND		0.00889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Isopropylbenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
4-Isopropyltoluene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Methyl tert-butyl ether	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
4-Methyl-2-pentanone (MIBK)	ND		0.00889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Methylene Chloride	ND		0.00889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Naphthalene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-20S (9)
Date Collected: 09/14/23 13:30
Date Received: 09/15/23 15:39

Lab Sample ID: 620-13966-6
Matrix: Solid
Percent Solids: 81.4

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Styrene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,1,1,2-Tetrachloroethane	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,1,2,2-Tetrachloroethane	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Tetrachloroethene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Toluene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,2,3-Trichlorobenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,2,4-Trichlorobenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,3,5-Trichlorobenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,1,1-Trichloroethane	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,1,2-Trichloroethane	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Trichloroethene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Trichlorofluoromethane (Freon 11)	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,2,3-Trichloropropane	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,2,4-Trimethylbenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,3,5-Trimethylbenzene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Vinyl chloride	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
m,p-Xylene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
o-Xylene	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Tetrahydrofuran	ND		0.00889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Ethyl ether	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Tert-amyl methyl ether	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Ethyl tert-butyl ether	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
di-Isopropyl ether	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
tert-Butanol	ND		0.0889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,4-Dioxane	ND		0.0889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
trans-1,4-Dichloro-2-butene	ND		0.0222		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Ethanol	ND		0.889		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
1,3-Dichloropropene, Total	ND		0.00444		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1
Xylenes, Total	ND		0.0133		mg/Kg	☼	09/20/23 10:34	09/20/23 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*09/20/23 10:34*	*09/20/23 18:12*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*09/20/23 10:34*	*09/20/23 18:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*70 - 130*	*09/20/23 10:34*	*09/20/23 18:12*	*1*
Dibromofluoromethane (Surr)	*113*		*70 - 130*	*09/20/23 10:34*	*09/20/23 18:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**18.6**		0.1		%			09/18/23 12:27	1
Percent Solids (EPA Moisture)	**81.4**		0.1		%			09/18/23 12:27	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-21D (12)
Date Collected: 09/14/23 13:45
Date Received: 09/15/23 15:39

Lab Sample ID: 620-13966-7
Matrix: Solid
Percent Solids: 82.3

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Acetone	ND		0.0504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Acrylonitrile	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Benzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Bromobenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Bromochloromethane	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Bromodichloromethane	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Bromoform	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Bromomethane	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
2-Butanone (MEK)	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
2-Chlorotoluene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
n-Butylbenzene	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
sec-Butylbenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
tert-Butylbenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Carbon disulfide	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Carbon tetrachloride	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Chlorobenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Chloroethane	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Chloroform	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Chloromethane	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
4-Chlorotoluene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,2-Dibromo-3-Chloropropane	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Dibromochloromethane	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,2-Dibromoethane (EDB)	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Dibromomethane	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,2-Dichlorobenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,3-Dichlorobenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,4-Dichlorobenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Dichlorodifluoromethane (Freon 12)	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,1-Dichloroethane	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,2-Dichloroethane	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,1-Dichloroethene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
cis-1,2-Dichloroethene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
trans-1,2-Dichloroethene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,2-Dichloropropane	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,3-Dichloropropane	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
2,2-Dichloropropane	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,1-Dichloropropene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
cis-1,3-Dichloropropene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
trans-1,3-Dichloropropene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Ethylbenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Hexachlorobutadiene	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
2-Hexanone (MBK)	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Isopropylbenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
4-Isopropyltoluene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Methyl tert-butyl ether	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
4-Methyl-2-pentanone (MIBK)	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Methylene Chloride	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Naphthalene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-21D (12)
Date Collected: 09/14/23 13:45
Date Received: 09/15/23 15:39

Lab Sample ID: 620-13966-7
Matrix: Solid
Percent Solids: 82.3

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Styrene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,1,1,2-Tetrachloroethane	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,1,2,2-Tetrachloroethane	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Tetrachloroethene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Toluene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,2,3-Trichlorobenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,2,4-Trichlorobenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,3,5-Trichlorobenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,1,1-Trichloroethane	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,1,2-Trichloroethane	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Trichloroethene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Trichlorofluoromethane (Freon 11)	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,2,3-Trichloropropane	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,2,4-Trimethylbenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,3,5-Trimethylbenzene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Vinyl chloride	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
m,p-Xylene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
o-Xylene	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Tetrahydrofuran	ND		0.0101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Ethyl ether	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Tert-amyl methyl ether	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Ethyl tert-butyl ether	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
di-Isopropyl ether	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
tert-Butanol	ND		0.101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,4-Dioxane	ND		0.101		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
trans-1,4-Dichloro-2-butene	ND		0.0252		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Ethanol	ND		1.01		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
1,3-Dichloropropene, Total	ND		0.00504		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1
Xylenes, Total	ND		0.0151		mg/Kg	☼	09/20/23 10:34	09/20/23 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*09/20/23 10:34*	*09/20/23 18:37*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*09/20/23 10:34*	*09/20/23 18:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 130*	*09/20/23 10:34*	*09/20/23 18:37*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*	*09/20/23 10:34*	*09/20/23 18:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**17.7**		0.1		%			09/18/23 12:27	1
Percent Solids (EPA Moisture)	**82.3**		0.1		%			09/18/23 12:27	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-21S (11)
Date Collected: 09/14/23 13:50
Date Received: 09/15/23 15:39

Lab Sample ID: 620-13966-8
Matrix: Solid
Percent Solids: 84.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Acetone	ND		0.0456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Acrylonitrile	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Benzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Bromobenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Bromochloromethane	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Bromodichloromethane	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Bromoform	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Bromomethane	ND		0.00912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
2-Butanone (MEK)	ND		0.00912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
2-Chlorotoluene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
n-Butylbenzene	ND		0.00912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
sec-Butylbenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
tert-Butylbenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Carbon disulfide	ND		0.00912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Carbon tetrachloride	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Chlorobenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Chloroethane	ND		0.00912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Chloroform	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Chloromethane	ND		0.00912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
4-Chlorotoluene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,2-Dibromo-3-Chloropropane	ND		0.00912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Dibromochloromethane	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,2-Dibromoethane (EDB)	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Dibromomethane	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,2-Dichlorobenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,3-Dichlorobenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,4-Dichlorobenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Dichlorodifluoromethane (Freon 12)	ND		0.00912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,1-Dichloroethane	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,2-Dichloroethane	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,1-Dichloroethene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
cis-1,2-Dichloroethene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
trans-1,2-Dichloroethene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,2-Dichloropropane	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,3-Dichloropropane	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
2,2-Dichloropropane	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,1-Dichloropropene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
cis-1,3-Dichloropropene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
trans-1,3-Dichloropropene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Ethylbenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Hexachlorobutadiene	ND		0.00912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
2-Hexanone (MBK)	ND		0.00912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Isopropylbenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
4-Isopropyltoluene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Methyl tert-butyl ether	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
4-Methyl-2-pentanone (MIBK)	ND		0.00912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Methylene Chloride	ND		0.00912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Naphthalene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-21S (11)
Date Collected: 09/14/23 13:50
Date Received: 09/15/23 15:39

Lab Sample ID: 620-13966-8
Matrix: Solid
Percent Solids: 84.1

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Styrene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,1,1,2-Tetrachloroethane	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,1,2,2-Tetrachloroethane	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Tetrachloroethene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Toluene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,2,3-Trichlorobenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,2,4-Trichlorobenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,3,5-Trichlorobenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,1,1-Trichloroethane	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,1,2-Trichloroethane	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Trichloroethene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Trichlorofluoromethane (Freon 11)	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,2,3-Trichloropropane	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,2,4-Trimethylbenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,3,5-Trimethylbenzene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Vinyl chloride	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
m,p-Xylene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
o-Xylene	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Tetrahydrofuran	ND		0.00912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Ethyl ether	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Tert-amyl methyl ether	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Ethyl tert-butyl ether	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
di-Isopropyl ether	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
tert-Butanol	ND		0.0912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,4-Dioxane	ND		0.0912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
trans-1,4-Dichloro-2-butene	ND		0.0228		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Ethanol	ND		0.912		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
1,3-Dichloropropene, Total	ND		0.00456		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1
Xylenes, Total	ND		0.0137		mg/Kg	☼	09/20/23 10:34	09/20/23 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/20/23 10:34*	*09/20/23 19:03*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*09/20/23 10:34*	*09/20/23 19:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*70 - 130*	*09/20/23 10:34*	*09/20/23 19:03*	*1*
Dibromofluoromethane (Surr)	*116*		*70 - 130*	*09/20/23 10:34*	*09/20/23 19:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**15.9**		0.1		%			09/18/23 12:27	1
Percent Solids (EPA Moisture)	**84.1**		0.1		%			09/18/23 12:27	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13966-1

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	TOL	DCA	DBFM
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
620-13966-1	CS-18D (12.5)	93	96	117	111
620-13966-2	CS-18S (11)	95	95	116	110
620-13966-3	CS-19D (12)	95	97	128	114
620-13966-4	CS-19S (11)	94	95	117	112
620-13966-5	CS-20D (10)	94	96	123	113
620-13966-6	CS-20S (9)	94	96	122	113
620-13966-7	CS-21D (12)	93	95	118	112
620-13966-8	CS-21S (11)	95	96	121	116
LCS 620-26976/1-A	Lab Control Sample	96	98	117	112
LCS 620-27038/1-A	Lab Control Sample	96	98	110	110
LCSD 620-26976/2-A	Lab Control Sample Dup	97	98	118	111
LCSD 620-27038/2-A	Lab Control Sample Dup	96	97	110	109
MB 620-26976/3-A	Method Blank	95	94	114	109
MB 620-27038/3-A	Method Blank	95	94	110	107

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-26976/3-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26976

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Acetone	ND		0.0500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Acrylonitrile	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Benzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Bromobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Bromochloromethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Bromodichloromethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Bromoform	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Bromomethane	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
2-Chlorotoluene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
n-Butylbenzene	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
sec-Butylbenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
tert-Butylbenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Carbon disulfide	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Carbon tetrachloride	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Chlorobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Chloroethane	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Chloroform	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Chloromethane	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
4-Chlorotoluene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Dibromochloromethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Dibromomethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Ethylbenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Isopropylbenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Methylene Chloride	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-26976/3-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26976

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
N-Propylbenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Styrene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Tetrachloroethene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Toluene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Trichloroethene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Vinyl chloride	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
m,p-Xylene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
o-Xylene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Tetrahydrofuran	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Ethyl ether	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
di-Isopropyl ether	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
tert-Butanol	ND		0.100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,4-Dioxane	ND		0.100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Ethanol	ND		1.00		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Xylenes, Total	ND		0.0150		mg/Kg		09/20/23 10:34	09/20/23 13:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/20/23 10: 34*	*09/20/23 13: 35*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*09/20/23 10: 34*	*09/20/23 13: 35*	*1*
1, 2-Dichloroethane-d4 (Surr)	*114*		*70 - 130*	*09/20/23 10: 34*	*09/20/23 13: 35*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*	*09/20/23 10: 34*	*09/20/23 13: 35*	*1*

Lab Sample ID: LCS 620-26976/1-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26976

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01873		mg/Kg		94	70 - 130
Acetone	0.0200	0.02000	J	mg/Kg		100	70 - 130
Acrylonitrile	0.0200	0.01647		mg/Kg		82	70 - 130
Benzene	0.0200	0.01681		mg/Kg		84	70 - 130
Bromobenzene	0.0200	0.02039		mg/Kg		102	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-26976/1-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26976

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.0200	0.01927		mg/Kg		96	70 - 130
Bromodichloromethane	0.0200	0.01897		mg/Kg		95	70 - 130
Bromoform	0.0200	0.02219		mg/Kg		111	70 - 130
Bromomethane	0.0200	0.01869		mg/Kg		93	70 - 130
2-Butanone (MEK)	0.0200	0.01857		mg/Kg		93	70 - 130
2-Chlorotoluene	0.0200	0.01822		mg/Kg		91	70 - 130
n-Butylbenzene	0.0200	0.01703		mg/Kg		85	70 - 130
sec-Butylbenzene	0.0200	0.01948		mg/Kg		97	70 - 130
tert-Butylbenzene	0.0200	0.01979		mg/Kg		99	70 - 130
Carbon disulfide	0.0200	0.01710		mg/Kg		86	70 - 130
Carbon tetrachloride	0.0200	0.02099		mg/Kg		105	70 - 130
Chlorobenzene	0.0200	0.01807		mg/Kg		90	70 - 130
Chloroethane	0.0200	0.01743		mg/Kg		87	70 - 130
Chloroform	0.0200	0.01885		mg/Kg		94	70 - 130
Chloromethane	0.0200	0.01509		mg/Kg		75	70 - 130
4-Chlorotoluene	0.0200	0.01910		mg/Kg		96	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01884		mg/Kg		94	70 - 130
Dibromochloromethane	0.0200	0.01979		mg/Kg		99	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.01833		mg/Kg		92	70 - 130
Dibromomethane	0.0200	0.01817		mg/Kg		91	70 - 130
1,2-Dichlorobenzene	0.0200	0.01836		mg/Kg		92	70 - 130
1,3-Dichlorobenzene	0.0200	0.02074		mg/Kg		104	70 - 130
1,4-Dichlorobenzene	0.0200	0.01832		mg/Kg		92	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.01906		mg/Kg		95	70 - 130
1,1-Dichloroethane	0.0200	0.01722		mg/Kg		86	70 - 130
1,2-Dichloroethane	0.0200	0.01980		mg/Kg		99	70 - 130
1,1-Dichloroethene	0.0200	0.01762		mg/Kg		88	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01697		mg/Kg		85	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01708		mg/Kg		85	70 - 130
1,2-Dichloropropane	0.0200	0.01566		mg/Kg		78	70 - 130
1,3-Dichloropropane	0.0200	0.01726		mg/Kg		86	70 - 130
2,2-Dichloropropane	0.0200	0.01946		mg/Kg		97	70 - 130
1,1-Dichloropropene	0.0200	0.01731		mg/Kg		87	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01644		mg/Kg		82	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01873		mg/Kg		94	70 - 130
Ethylbenzene	0.0200	0.01808		mg/Kg		90	70 - 130
Hexachlorobutadiene	0.0200	0.02135		mg/Kg		107	70 - 130
2-Hexanone (MBK)	0.0200	0.01433		mg/Kg		72	70 - 130
Isopropylbenzene	0.0200	0.01907		mg/Kg		95	70 - 130
4-Isopropyltoluene	0.0200	0.01816		mg/Kg		91	70 - 130
Methyl tert-butyl ether	0.0200	0.01735		mg/Kg		87	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01523		mg/Kg		76	70 - 130
Methylene Chloride	0.0200	0.01716		mg/Kg		86	70 - 130
Naphthalene	0.0200	0.01637		mg/Kg		82	70 - 130
N-Propylbenzene	0.0200	0.01884		mg/Kg		94	70 - 130
Styrene	0.0200	0.01831		mg/Kg		92	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01997		mg/Kg		100	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01775		mg/Kg		89	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-26976/1-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26976

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	0.0200	0.02041		mg/Kg		102	70 - 130
Toluene	0.0200	0.01727		mg/Kg		86	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02022		mg/Kg		101	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02148		mg/Kg		107	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.02004		mg/Kg		100	70 - 130
1,1,1-Trichloroethane	0.0200	0.02030		mg/Kg		101	70 - 130
1,1,2-Trichloroethane	0.0200	0.01730		mg/Kg		86	70 - 130
Trichloroethene	0.0200	0.01863		mg/Kg		93	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.02078		mg/Kg		104	70 - 130
1,2,3-Trichloropropane	0.0200	0.01929		mg/Kg		96	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.01995		mg/Kg		100	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02012		mg/Kg		101	70 - 130
Vinyl chloride	0.0200	0.01492		mg/Kg		75	70 - 130
m,p-Xylene	0.0200	0.01838		mg/Kg		92	70 - 130
o-Xylene	0.0200	0.01846		mg/Kg		92	70 - 130
Tetrahydrofuran	0.0200	0.01451		mg/Kg		73	70 - 130
Ethyl ether	0.0200	0.01602		mg/Kg		80	70 - 130
Tert-amyl methyl ether	0.0200	0.01670		mg/Kg		83	70 - 130
Ethyl tert-butyl ether	0.0200	0.01641		mg/Kg		82	70 - 130
di-Isopropyl ether	0.0200	0.01517		mg/Kg		76	70 - 130
tert-Butanol	0.200	0.1746		mg/Kg		87	70 - 130
1,4-Dioxane	0.200	0.1558		mg/Kg		78	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01911	J	mg/Kg		96	70 - 130
Ethanol	0.400	0.3303	J	mg/Kg		83	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 130*
Dibromofluoromethane (Surr)	*112*		*70 - 130*

Lab Sample ID: LCSD 620-26976/2-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26976

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01791		mg/Kg		90	70 - 130	4	30
Acetone	0.0200	0.01996	J	mg/Kg		100	70 - 130	0	30
Acrylonitrile	0.0200	0.01651		mg/Kg		83	70 - 130	0	30
Benzene	0.0200	0.01662		mg/Kg		83	70 - 130	1	30
Bromobenzene	0.0200	0.01977		mg/Kg		99	70 - 130	3	30
Bromochloromethane	0.0200	0.01829		mg/Kg		91	70 - 130	5	30
Bromodichloromethane	0.0200	0.01822		mg/Kg		91	70 - 130	4	30
Bromoform	0.0200	0.02207		mg/Kg		110	70 - 130	1	30
Bromomethane	0.0200	0.01780		mg/Kg		89	70 - 130	5	30
2-Butanone (MEK)	0.0200	0.01573		mg/Kg		79	70 - 130	17	30
2-Chlorotoluene	0.0200	0.01800		mg/Kg		90	70 - 130	1	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-26976/2-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26976

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	0.0200	0.01664		mg/Kg		83	70 - 130	2	30
sec-Butylbenzene	0.0200	0.01909		mg/Kg		95	70 - 130	2	30
tert-Butylbenzene	0.0200	0.01935		mg/Kg		97	70 - 130	2	30
Carbon disulfide	0.0200	0.01637		mg/Kg		82	70 - 130	4	30
Carbon tetrachloride	0.0200	0.02043		mg/Kg		102	70 - 130	3	30
Chlorobenzene	0.0200	0.01772		mg/Kg		89	70 - 130	2	30
Chloroethane	0.0200	0.01680		mg/Kg		84	70 - 130	4	30
Chloroform	0.0200	0.01859		mg/Kg		93	70 - 130	1	30
Chloromethane	0.0200	0.01464		mg/Kg		73	70 - 130	3	30
4-Chlorotoluene	0.0200	0.01872		mg/Kg		94	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.01954		mg/Kg		98	70 - 130	4	30
Dibromochloromethane	0.0200	0.01907		mg/Kg		95	70 - 130	4	30
1,2-Dibromoethane (EDB)	0.0200	0.01806		mg/Kg		90	70 - 130	1	30
Dibromomethane	0.0200	0.01749		mg/Kg		87	70 - 130	4	30
1,2-Dichlorobenzene	0.0200	0.01801		mg/Kg		90	70 - 130	2	30
1,3-Dichlorobenzene	0.0200	0.02029		mg/Kg		101	70 - 130	2	30
1,4-Dichlorobenzene	0.0200	0.01768		mg/Kg		88	70 - 130	4	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.01749		mg/Kg		87	70 - 130	9	30
1,1-Dichloroethane	0.0200	0.01683		mg/Kg		84	70 - 130	2	30
1,2-Dichloroethane	0.0200	0.01892		mg/Kg		95	70 - 130	5	30
1,1-Dichloroethene	0.0200	0.01745		mg/Kg		87	70 - 130	1	30
cis-1,2-Dichloroethene	0.0200	0.01665		mg/Kg		83	70 - 130	2	30
trans-1,2-Dichloroethene	0.0200	0.01685		mg/Kg		84	70 - 130	1	30
1,2-Dichloropropane	0.0200	0.01532		mg/Kg		77	70 - 130	2	30
1,3-Dichloropropane	0.0200	0.01667		mg/Kg		83	70 - 130	3	30
2,2-Dichloropropane	0.0200	0.01879		mg/Kg		94	70 - 130	4	30
1,1-Dichloropropene	0.0200	0.01693		mg/Kg		85	70 - 130	2	30
cis-1,3-Dichloropropene	0.0200	0.01641		mg/Kg		82	70 - 130	0	30
trans-1,3-Dichloropropene	0.0200	0.01819		mg/Kg		91	70 - 130	3	30
Ethylbenzene	0.0200	0.01785		mg/Kg		89	70 - 130	1	30
Hexachlorobutadiene	0.0200	0.02116		mg/Kg		106	70 - 130	1	30
2-Hexanone (MBK)	0.0200	0.01497		mg/Kg		75	70 - 130	4	30
Isopropylbenzene	0.0200	0.01892		mg/Kg		95	70 - 130	1	30
4-Isopropyltoluene	0.0200	0.01757		mg/Kg		88	70 - 130	3	30
Methyl tert-butyl ether	0.0200	0.01702		mg/Kg		85	70 - 130	2	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01589		mg/Kg		79	70 - 130	4	30
Methylene Chloride	0.0200	0.01664		mg/Kg		83	70 - 130	3	30
Naphthalene	0.0200	0.01681		mg/Kg		84	70 - 130	3	30
N-Propylbenzene	0.0200	0.01814		mg/Kg		91	70 - 130	4	30
Styrene	0.0200	0.01864		mg/Kg		93	70 - 130	2	30
1,1,1,2-Tetrachloroethane	0.0200	0.01954		mg/Kg		98	70 - 130	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.01765		mg/Kg		88	70 - 130	1	30
Tetrachloroethene	0.0200	0.01962		mg/Kg		98	70 - 130	4	30
Toluene	0.0200	0.01683		mg/Kg		84	70 - 130	3	30
1,2,3-Trichlorobenzene	0.0200	0.02071		mg/Kg		104	70 - 130	2	30
1,2,4-Trichlorobenzene	0.0200	0.02172		mg/Kg		109	70 - 130	1	30
1,3,5-Trichlorobenzene	0.0200	0.01965		mg/Kg		98	70 - 130	2	30
1,1,1-Trichloroethane	0.0200	0.01976		mg/Kg		99	70 - 130	3	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-26976/2-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26976

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			0.0200	0.01678		mg/Kg		84	70 - 130	3	30
Trichloroethene			0.0200	0.01776		mg/Kg		89	70 - 130	5	30
Trichlorofluoromethane (Freon 11)			0.0200	0.01993		mg/Kg		100	70 - 130	4	30
1,2,3-Trichloropropane			0.0200	0.01936		mg/Kg		97	70 - 130	0	30
1,2,4-Trimethylbenzene			0.0200	0.01965		mg/Kg		98	70 - 130	2	30
1,3,5-Trimethylbenzene			0.0200	0.01962		mg/Kg		98	70 - 130	3	30
Vinyl chloride			0.0200	0.01433		mg/Kg		72	70 - 130	4	30
m,p-Xylene			0.0200	0.01804		mg/Kg		90	70 - 130	2	30
o-Xylene			0.0200	0.01818		mg/Kg		91	70 - 130	2	30
Tetrahydrofuran			0.0200	0.01490		mg/Kg		74	70 - 130	3	30
Ethyl ether			0.0200	0.01609		mg/Kg		80	70 - 130	0	30
Tert-amyl methyl ether			0.0200	0.01669		mg/Kg		83	70 - 130	0	30
Ethyl tert-butyl ether			0.0200	0.01610		mg/Kg		81	70 - 130	2	30
di-Isopropyl ether			0.0200	0.01495		mg/Kg		75	70 - 130	1	30
tert-Butanol			0.200	0.1783		mg/Kg		89	70 - 130	2	30
1,4-Dioxane			0.200	0.1600		mg/Kg		80	70 - 130	3	30
trans-1,4-Dichloro-2-butene			0.0200	0.01807	J	mg/Kg		90	70 - 130	6	30
Ethanol			0.400	0.3065	J	mg/Kg		77	70 - 130	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 130*
Dibromofluoromethane (Surr)	*111*		*70 - 130*

Lab Sample ID: MB 620-27038/3-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27038

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Acetone	ND		0.0500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Acrylonitrile	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Benzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Bromobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Bromochloromethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Bromodichloromethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Bromoform	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Bromomethane	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
2-Chlorotoluene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
n-Butylbenzene	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
sec-Butylbenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
tert-Butylbenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Carbon disulfide	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Carbon tetrachloride	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Chlorobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13966-1

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

Lab Sample ID: MB 620-27038/3-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27038

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Chloroform	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Chloromethane	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
4-Chlorotoluene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Dibromochloromethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Dibromomethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Ethylbenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Isopropylbenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Methylene Chloride	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Naphthalene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
N-Propylbenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Styrene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Tetrachloroethene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Toluene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Trichloroethene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Vinyl chloride	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-27038/3-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27038

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
o-Xylene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Tetrahydrofuran	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Ethyl ether	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
di-Isopropyl ether	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
tert-Butanol	ND		0.100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,4-Dioxane	ND		0.100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Ethanol	ND		1.00		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Xylenes, Total	ND		0.0150		mg/Kg		09/21/23 09:00	09/21/23 12:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/21/23 09: 00*	*09/21/23 12: 22*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*09/21/23 09: 00*	*09/21/23 12: 22*	*1*
1, 2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*	*09/21/23 09: 00*	*09/21/23 12: 22*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*	*09/21/23 09: 00*	*09/21/23 12: 22*	*1*

Lab Sample ID: LCS 620-27038/1-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27038

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02069		mg/Kg		103	70 - 130
Acetone	0.0200	0.02152	J	mg/Kg		108	70 - 130
Acrylonitrile	0.0200	0.01814		mg/Kg		91	70 - 130
Benzene	0.0200	0.01832		mg/Kg		92	70 - 130
Bromobenzene	0.0200	0.02154		mg/Kg		108	70 - 130
Bromochloromethane	0.0200	0.02053		mg/Kg		103	70 - 130
Bromodichloromethane	0.0200	0.01977		mg/Kg		99	70 - 130
Bromoform	0.0200	0.02303		mg/Kg		115	70 - 130
Bromomethane	0.0200	0.02125		mg/Kg		106	70 - 130
2-Butanone (MEK)	0.0200	0.01641		mg/Kg		82	70 - 130
2-Chlorotoluene	0.0200	0.02093		mg/Kg		105	70 - 130
n-Butylbenzene	0.0200	0.01906		mg/Kg		95	70 - 130
sec-Butylbenzene	0.0200	0.02094		mg/Kg		105	70 - 130
tert-Butylbenzene	0.0200	0.02126		mg/Kg		106	70 - 130
Carbon disulfide	0.0200	0.01962		mg/Kg		98	70 - 130
Carbon tetrachloride	0.0200	0.02185		mg/Kg		109	70 - 130
Chlorobenzene	0.0200	0.01952		mg/Kg		98	70 - 130
Chloroethane	0.0200	0.01957		mg/Kg		98	70 - 130
Chloroform	0.0200	0.02009		mg/Kg		100	70 - 130
Chloromethane	0.0200	0.02109		mg/Kg		105	70 - 130
4-Chlorotoluene	0.0200	0.02047		mg/Kg		102	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01981		mg/Kg		99	70 - 130
Dibromochloromethane	0.0200	0.02076		mg/Kg		104	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-27038/1-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27038

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.0200	0.01938		mg/Kg		97	70 - 130
Dibromomethane	0.0200	0.01906		mg/Kg		95	70 - 130
1,2-Dichlorobenzene	0.0200	0.02000		mg/Kg		100	70 - 130
1,3-Dichlorobenzene	0.0200	0.02184		mg/Kg		109	70 - 130
1,4-Dichlorobenzene	0.0200	0.01922		mg/Kg		96	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.03725	*+	mg/Kg		186	70 - 130
1,1-Dichloroethane	0.0200	0.01840		mg/Kg		92	70 - 130
1,2-Dichloroethane	0.0200	0.02039		mg/Kg		102	70 - 130
1,1-Dichloroethene	0.0200	0.01975		mg/Kg		99	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01959		mg/Kg		98	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01853		mg/Kg		93	70 - 130
1,2-Dichloropropane	0.0200	0.01734		mg/Kg		87	70 - 130
1,3-Dichloropropane	0.0200	0.01856		mg/Kg		93	70 - 130
2,2-Dichloropropane	0.0200	0.02074		mg/Kg		104	70 - 130
1,1-Dichloropropene	0.0200	0.01907		mg/Kg		95	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01825		mg/Kg		91	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01980		mg/Kg		99	70 - 130
Ethylbenzene	0.0200	0.01956		mg/Kg		98	70 - 130
Hexachlorobutadiene	0.0200	0.02341		mg/Kg		117	70 - 130
2-Hexanone (MBK)	0.0200	0.01597		mg/Kg		80	70 - 130
Isopropylbenzene	0.0200	0.02080		mg/Kg		104	70 - 130
4-Isopropyltoluene	0.0200	0.02007		mg/Kg		100	70 - 130
Methyl tert-butyl ether	0.0200	0.01890		mg/Kg		94	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01722		mg/Kg		86	70 - 130
Methylene Chloride	0.0200	0.01873		mg/Kg		94	70 - 130
Naphthalene	0.0200	0.01770		mg/Kg		89	70 - 130
N-Propylbenzene	0.0200	0.02031		mg/Kg		102	70 - 130
Styrene	0.0200	0.01980		mg/Kg		99	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.02131		mg/Kg		107	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01867		mg/Kg		93	70 - 130
Tetrachloroethene	0.0200	0.02199		mg/Kg		110	70 - 130
Toluene	0.0200	0.01836		mg/Kg		92	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02197		mg/Kg		110	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02344		mg/Kg		117	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.02141		mg/Kg		107	70 - 130
1,1,1-Trichloroethane	0.0200	0.02109		mg/Kg		105	70 - 130
1,1,2-Trichloroethane	0.0200	0.01821		mg/Kg		91	70 - 130
Trichloroethene	0.0200	0.01908		mg/Kg		95	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.02281		mg/Kg		114	70 - 130
1,2,3-Trichloropropane	0.0200	0.01960		mg/Kg		98	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.02137		mg/Kg		107	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02154		mg/Kg		108	70 - 130
Vinyl chloride	0.0200	0.01916		mg/Kg		96	70 - 130
m,p-Xylene	0.0200	0.02011		mg/Kg		101	70 - 130
o-Xylene	0.0200	0.02002		mg/Kg		100	70 - 130
Tetrahydrofuran	0.0200	0.01618		mg/Kg		81	70 - 130
Ethyl ether	0.0200	0.01818		mg/Kg		91	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-27038/1-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27038

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tert-amyl methyl ether	0.0200	0.01875		mg/Kg		94	70 - 130
Ethyl tert-butyl ether	0.0200	0.01812		mg/Kg		91	70 - 130
di-Isopropyl ether	0.0200	0.01693		mg/Kg		85	70 - 130
tert-Butanol	0.200	0.1869		mg/Kg		93	70 - 130
1,4-Dioxane	0.200	0.1725		mg/Kg		86	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01961	J	mg/Kg		98	70 - 130
Ethanol	0.400	0.3175	J	mg/Kg		79	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*
Dibromofluoromethane (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 620-27038/2-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27038

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02028		mg/Kg		101	70 - 130	2	30
Acetone	0.0200	0.01927	J	mg/Kg		96	70 - 130	11	30
Acrylonitrile	0.0200	0.01773		mg/Kg		89	70 - 130	2	30
Benzene	0.0200	0.01825		mg/Kg		91	70 - 130	0	30
Bromobenzene	0.0200	0.02095		mg/Kg		105	70 - 130	3	30
Bromochloromethane	0.0200	0.02051		mg/Kg		103	70 - 130	0	30
Bromodichloromethane	0.0200	0.01950		mg/Kg		98	70 - 130	1	30
Bromoform	0.0200	0.02283		mg/Kg		114	70 - 130	1	30
Bromomethane	0.0200	0.02117		mg/Kg		106	70 - 130	0	30
2-Butanone (MEK)	0.0200	0.01659		mg/Kg		83	70 - 130	1	30
2-Chlorotoluene	0.0200	0.01916		mg/Kg		96	70 - 130	9	30
n-Butylbenzene	0.0200	0.01855		mg/Kg		93	70 - 130	3	30
sec-Butylbenzene	0.0200	0.02057		mg/Kg		103	70 - 130	2	30
tert-Butylbenzene	0.0200	0.02084		mg/Kg		104	70 - 130	2	30
Carbon disulfide	0.0200	0.01938		mg/Kg		97	70 - 130	1	30
Carbon tetrachloride	0.0200	0.02149		mg/Kg		107	70 - 130	2	30
Chlorobenzene	0.0200	0.01902		mg/Kg		95	70 - 130	3	30
Chloroethane	0.0200	0.01899		mg/Kg		95	70 - 130	3	30
Chloroform	0.0200	0.01939		mg/Kg		97	70 - 130	4	30
Chloromethane	0.0200	0.02143		mg/Kg		107	70 - 130	2	30
4-Chlorotoluene	0.0200	0.01976		mg/Kg		99	70 - 130	4	30
1,2-Dibromo-3-Chloropropane	0.0200	0.02056		mg/Kg		103	70 - 130	4	30
Dibromochloromethane	0.0200	0.02029		mg/Kg		101	70 - 130	2	30
1,2-Dibromoethane (EDB)	0.0200	0.01901		mg/Kg		95	70 - 130	2	30
Dibromomethane	0.0200	0.01860		mg/Kg		93	70 - 130	2	30
1,2-Dichlorobenzene	0.0200	0.01962		mg/Kg		98	70 - 130	2	30
1,3-Dichlorobenzene	0.0200	0.02099		mg/Kg		105	70 - 130	4	30
1,4-Dichlorobenzene	0.0200	0.01911		mg/Kg		96	70 - 130	1	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-27038/2-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27038

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorodifluoromethane (Freon 12)	0.0200	0.03727	*+	mg/Kg		186	70 - 130	0	30
1,1-Dichloroethane	0.0200	0.01835		mg/Kg		92	70 - 130	0	30
1,2-Dichloroethane	0.0200	0.01980		mg/Kg		99	70 - 130	3	30
1,1-Dichloroethene	0.0200	0.01917		mg/Kg		96	70 - 130	3	30
cis-1,2-Dichloroethene	0.0200	0.01955		mg/Kg		98	70 - 130	0	30
trans-1,2-Dichloroethene	0.0200	0.01883		mg/Kg		94	70 - 130	2	30
1,2-Dichloropropane	0.0200	0.01690		mg/Kg		85	70 - 130	3	30
1,3-Dichloropropane	0.0200	0.01790		mg/Kg		89	70 - 130	4	30
2,2-Dichloropropane	0.0200	0.02035		mg/Kg		102	70 - 130	2	30
1,1-Dichloropropene	0.0200	0.01895		mg/Kg		95	70 - 130	1	30
cis-1,3-Dichloropropene	0.0200	0.01805		mg/Kg		90	70 - 130	1	30
trans-1,3-Dichloropropene	0.0200	0.01924		mg/Kg		96	70 - 130	3	30
Ethylbenzene	0.0200	0.01939		mg/Kg		97	70 - 130	1	30
Hexachlorobutadiene	0.0200	0.02366		mg/Kg		118	70 - 130	1	30
2-Hexanone (MBK)	0.0200	0.01590		mg/Kg		79	70 - 130	0	30
Isopropylbenzene	0.0200	0.02062		mg/Kg		103	70 - 130	1	30
4-Isopropyltoluene	0.0200	0.01965		mg/Kg		98	70 - 130	2	30
Methyl tert-butyl ether	0.0200	0.01887		mg/Kg		94	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01661		mg/Kg		83	70 - 130	4	30
Methylene Chloride	0.0200	0.01778		mg/Kg		89	70 - 130	5	30
Naphthalene	0.0200	0.01811		mg/Kg		91	70 - 130	2	30
N-Propylbenzene	0.0200	0.01977		mg/Kg		99	70 - 130	3	30
Styrene	0.0200	0.01991		mg/Kg		100	70 - 130	1	30
1,1,1,2-Tetrachloroethane	0.0200	0.02083		mg/Kg		104	70 - 130	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.01838		mg/Kg		92	70 - 130	2	30
Tetrachloroethene	0.0200	0.02130		mg/Kg		106	70 - 130	3	30
Toluene	0.0200	0.01815		mg/Kg		91	70 - 130	1	30
1,2,3-Trichlorobenzene	0.0200	0.02161		mg/Kg		108	70 - 130	2	30
1,2,4-Trichlorobenzene	0.0200	0.02273		mg/Kg		114	70 - 130	3	30
1,3,5-Trichlorobenzene	0.0200	0.02093		mg/Kg		105	70 - 130	2	30
1,1,1-Trichloroethane	0.0200	0.02062		mg/Kg		103	70 - 130	2	30
1,1,2-Trichloroethane	0.0200	0.01774		mg/Kg		89	70 - 130	3	30
Trichloroethene	0.0200	0.01928		mg/Kg		96	70 - 130	1	30
Trichlorofluoromethane (Freon 11)	0.0200	0.02203		mg/Kg		110	70 - 130	3	30
1,2,3-Trichloropropane	0.0200	0.01953		mg/Kg		98	70 - 130	0	30
1,2,4-Trimethylbenzene	0.0200	0.02075		mg/Kg		104	70 - 130	3	30
1,3,5-Trimethylbenzene	0.0200	0.02091		mg/Kg		105	70 - 130	3	30
Vinyl chloride	0.0200	0.01904		mg/Kg		95	70 - 130	1	30
m,p-Xylene	0.0200	0.01952		mg/Kg		98	70 - 130	3	30
o-Xylene	0.0200	0.01998		mg/Kg		100	70 - 130	0	30
Tetrahydrofuran	0.0200	0.01410		mg/Kg		70	70 - 130	14	30
Ethyl ether	0.0200	0.01791		mg/Kg		90	70 - 130	1	30
Tert-amyl methyl ether	0.0200	0.01825		mg/Kg		91	70 - 130	3	30
Ethyl tert-butyl ether	0.0200	0.01817		mg/Kg		91	70 - 130	0	30
di-Isopropyl ether	0.0200	0.01683		mg/Kg		84	70 - 130	1	30
tert-Butanol	0.200	0.1813		mg/Kg		91	70 - 130	3	30
1,4-Dioxane	0.200	0.1593		mg/Kg		80	70 - 130	8	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-27038/2-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 27018
Prep Batch: 27038

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,4-Dichloro-2-butene			0.0200	0.01942	J	mg/Kg		97	70 - 130	1	30
Ethanol			0.400	0.3418	J	mg/Kg		85	70 - 130	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*
Dibromofluoromethane (Surr)	*109*		*70 - 130*

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Pre Prep Batch: 26844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13966-1	CS-18D (12.5)	Total/NA	Solid	Frozen Preserve	
620-13966-2	CS-18S (11)	Total/NA	Solid	Frozen Preserve	
620-13966-3	CS-19D (12)	Total/NA	Solid	Frozen Preserve	
620-13966-4	CS-19S (11)	Total/NA	Solid	Frozen Preserve	
620-13966-5	CS-20D (10)	Total/NA	Solid	Frozen Preserve	
620-13966-6	CS-20S (9)	Total/NA	Solid	Frozen Preserve	
620-13966-7	CS-21D (12)	Total/NA	Solid	Frozen Preserve	
620-13966-8	CS-21S (11)	Total/NA	Solid	Frozen Preserve	

Prep Batch: 26976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13966-1	CS-18D (12.5)	Total/NA	Solid	5035	26844
620-13966-2	CS-18S (11)	Total/NA	Solid	5035	26844
620-13966-3	CS-19D (12)	Total/NA	Solid	5035	26844
620-13966-4	CS-19S (11)	Total/NA	Solid	5035	26844
620-13966-5	CS-20D (10)	Total/NA	Solid	5035	26844
620-13966-6	CS-20S (9)	Total/NA	Solid	5035	26844
620-13966-7	CS-21D (12)	Total/NA	Solid	5035	26844
620-13966-8	CS-21S (11)	Total/NA	Solid	5035	26844
MB 620-26976/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-26976/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-26976/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 26977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13966-1	CS-18D (12.5)	Total/NA	Solid	8260C	26976
620-13966-2	CS-18S (11)	Total/NA	Solid	8260C	26976
620-13966-3	CS-19D (12)	Total/NA	Solid	8260C	26976
620-13966-4	CS-19S (11)	Total/NA	Solid	8260C	26976
620-13966-5	CS-20D (10)	Total/NA	Solid	8260C	26976
620-13966-6	CS-20S (9)	Total/NA	Solid	8260C	26976
620-13966-7	CS-21D (12)	Total/NA	Solid	8260C	26976
620-13966-8	CS-21S (11)	Total/NA	Solid	8260C	26976
MB 620-26976/3-A	Method Blank	Total/NA	Solid	8260C	26976
LCS 620-26976/1-A	Lab Control Sample	Total/NA	Solid	8260C	26976
LCSD 620-26976/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	26976

Analysis Batch: 27018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 620-27038/3-A	Method Blank	Total/NA	Solid	8260C	27038
LCS 620-27038/1-A	Lab Control Sample	Total/NA	Solid	8260C	27038
LCSD 620-27038/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	27038

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Prep Batch: 27038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 620-27038/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-27038/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-27038/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

General Chemistry

Analysis Batch: 26882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13966-1	CS-18D (12.5)	Total/NA	Solid	Moisture	
620-13966-2	CS-18S (11)	Total/NA	Solid	Moisture	
620-13966-3	CS-19D (12)	Total/NA	Solid	Moisture	
620-13966-4	CS-19S (11)	Total/NA	Solid	Moisture	
620-13966-6	CS-20S (9)	Total/NA	Solid	Moisture	
620-13966-7	CS-21D (12)	Total/NA	Solid	Moisture	
620-13966-8	CS-21S (11)	Total/NA	Solid	Moisture	

Analysis Batch: 26938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13966-5	CS-20D (10)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-18D (12.5) — **Lab Sample ID: 620-13966-1**
Date Collected: 09/14/23 11:30 — **Matrix: Solid**
Date Received: 09/15/23 15:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26882	JPC	EET NE	09/18/23 12:27

Client Sample ID: CS-18D (12.5) — **Lab Sample ID: 620-13966-1**
Date Collected: 09/14/23 11:30 — **Matrix: Solid**
Date Received: 09/15/23 15:39 — **Percent Solids: 87.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26844	KFS	EET NE	09/15/23 09:00
Total/NA	Prep	5035			26976	CLR	EET NE	09/20/23 10:34
Total/NA	Analysis	8260C		1	26977	CLR	EET NE	09/20/23 16:05

Client Sample ID: CS-18S (11) — **Lab Sample ID: 620-13966-2**
Date Collected: 09/14/23 11:45 — **Matrix: Solid**
Date Received: 09/15/23 15:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26882	JPC	EET NE	09/18/23 12:27

Client Sample ID: CS-18S (11) — **Lab Sample ID: 620-13966-2**
Date Collected: 09/14/23 11:45 — **Matrix: Solid**
Date Received: 09/15/23 15:39 — **Percent Solids: 87.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26844	KFS	EET NE	09/15/23 09:00
Total/NA	Prep	5035			26976	CLR	EET NE	09/20/23 10:34
Total/NA	Analysis	8260C		1	26977	CLR	EET NE	09/20/23 16:30

Client Sample ID: CS-19D (12) — **Lab Sample ID: 620-13966-3**
Date Collected: 09/14/23 12:50 — **Matrix: Solid**
Date Received: 09/15/23 15:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26882	JPC	EET NE	09/18/23 12:27

Client Sample ID: CS-19D (12) — **Lab Sample ID: 620-13966-3**
Date Collected: 09/14/23 12:50 — **Matrix: Solid**
Date Received: 09/15/23 15:39 — **Percent Solids: 89.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26844	KFS	EET NE	09/15/23 09:00
Total/NA	Prep	5035			26976	CLR	EET NE	09/20/23 10:34
Total/NA	Analysis	8260C		1	26977	CLR	EET NE	09/20/23 16:55

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-19S (11) — **Lab Sample ID: 620-13966-4**
Date Collected: 09/14/23 13:00 — **Matrix: Solid**
Date Received: 09/15/23 15:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26882	JPC	EET NE	09/18/23 12:27

Client Sample ID: CS-19S (11) — **Lab Sample ID: 620-13966-4**
Date Collected: 09/14/23 13:00 — **Matrix: Solid**
Date Received: 09/15/23 15:39 — **Percent Solids: 92.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26844	KFS	EET NE	09/15/23 09:00
Total/NA	Prep	5035			26976	CLR	EET NE	09/20/23 10:34
Total/NA	Analysis	8260C		1	26977	CLR	EET NE	09/20/23 17:20

Client Sample ID: CS-20D (10) — **Lab Sample ID: 620-13966-5**
Date Collected: 09/14/23 13:20 — **Matrix: Solid**
Date Received: 09/15/23 15:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26938	ODO	EET NE	09/19/23 12:23

Client Sample ID: CS-20D (10) — **Lab Sample ID: 620-13966-5**
Date Collected: 09/14/23 13:20 — **Matrix: Solid**
Date Received: 09/15/23 15:39 — **Percent Solids: 91.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26844	KFS	EET NE	09/15/23 09:00
Total/NA	Prep	5035			26976	CLR	EET NE	09/20/23 10:34
Total/NA	Analysis	8260C		1	26977	CLR	EET NE	09/20/23 17:46

Client Sample ID: CS-20S (9) — **Lab Sample ID: 620-13966-6**
Date Collected: 09/14/23 13:30 — **Matrix: Solid**
Date Received: 09/15/23 15:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26882	JPC	EET NE	09/18/23 12:27

Client Sample ID: CS-20S (9) — **Lab Sample ID: 620-13966-6**
Date Collected: 09/14/23 13:30 — **Matrix: Solid**
Date Received: 09/15/23 15:39 — **Percent Solids: 81.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26844	KFS	EET NE	09/15/23 09:00
Total/NA	Prep	5035			26976	CLR	EET NE	09/20/23 10:34
Total/NA	Analysis	8260C		1	26977	CLR	EET NE	09/20/23 18:12

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-21D (12)
Lab Sample ID: 620-13966-7
Date Collected: 09/14/23 13:45
Matrix: Solid
Date Received: 09/15/23 15:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26882	JPC	EET NE	09/18/23 12:27

Client Sample ID: CS-21D (12)
Lab Sample ID: 620-13966-7
Date Collected: 09/14/23 13:45
Matrix: Solid
Date Received: 09/15/23 15:39
Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26844	KFS	EET NE	09/15/23 09:00
Total/NA	Prep	5035			26976	CLR	EET NE	09/20/23 10:34
Total/NA	Analysis	8260C		1	26977	CLR	EET NE	09/20/23 18:37

Client Sample ID: CS-21S (11)
Lab Sample ID: 620-13966-8
Date Collected: 09/14/23 13:50
Matrix: Solid
Date Received: 09/15/23 15:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26882	JPC	EET NE	09/18/23 12:27

Client Sample ID: CS-21S (11)
Lab Sample ID: 620-13966-8
Date Collected: 09/14/23 13:50
Matrix: Solid
Date Received: 09/15/23 15:39
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26844	KFS	EET NE	09/15/23 09:00
Total/NA	Prep	5035			26976	CLR	EET NE	09/20/23 10:34
Total/NA	Analysis	8260C		1	26977	CLR	EET NE	09/20/23 19:03

Laboratory References:
EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England

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

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0722	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	1,1,1,2-Tetrachloroethane
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,1-Dichloropropene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,3-Trichloropropane
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trimethylbenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane (EDB)
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3,5-Trichlorobenzene
8260C	5035	Solid	1,3,5-Trimethylbenzene
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,3-Dichloropropane
8260C	5035	Solid	1,3-Dichloropropene, Total
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	1,4-Dioxane
8260C	5035	Solid	2,2-Dichloropropane
8260C	5035	Solid	2-Butanone (MEK)
8260C	5035	Solid	2-Chlorotoluene
8260C	5035	Solid	2-Hexanone (MBK)
8260C	5035	Solid	4-Chlorotoluene
8260C	5035	Solid	4-Isopropyltoluene
8260C	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260C	5035	Solid	Acetone
8260C	5035	Solid	Acrylonitrile
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromobenzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England (Continued)

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

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dibromomethane
8260C	5035	Solid	Dichlorodifluoromethane (Freon 12)
8260C	5035	Solid	di-Isopropyl ether
8260C	5035	Solid	Ethanol
8260C	5035	Solid	Ethyl ether
8260C	5035	Solid	Ethyl tert-butyl ether
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Hexachlorobutadiene
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m,p-Xylene
8260C	5035	Solid	Methyl tert-butyl ether
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	Naphthalene
8260C	5035	Solid	n-Butylbenzene
8260C	5035	Solid	N-Propylbenzene
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	sec-Butylbenzene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tert-amyl methyl ether
8260C	5035	Solid	tert-Butanol
8260C	5035	Solid	tert-Butylbenzene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Tetrahydrofuran
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	trans-1,4-Dichloro-2-butene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane (Freon 11)
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13966-1
Project/Site: Eversource Madison CT Area Work Center -

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-13966-1	CS-18D (12.5)	Solid	09/14/23 11:30	09/15/23 15:39
620-13966-2	CS-18S (11)	Solid	09/14/23 11:45	09/15/23 15:39
620-13966-3	CS-19D (12)	Solid	09/14/23 12:50	09/15/23 15:39
620-13966-4	CS-19S (11)	Solid	09/14/23 13:00	09/15/23 15:39
620-13966-5	CS-20D (10)	Solid	09/14/23 13:20	09/15/23 15:39
620-13966-6	CS-20S (9)	Solid	09/14/23 13:30	09/15/23 15:39
620-13966-7	CS-21D (12)	Solid	09/14/23 13:45	09/15/23 15:39
620-13966-8	CS-21S (11)	Solid	09/14/23 13:50	09/15/23 15:39

620-13966 Chain of Custody

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CHAIN OF CUSTODY RECORD

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Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 5-day

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: GES
100 Sebethe Drive
Unit 8-A
Cromwell, CT 06416
Telephone #: 866-839-5195 ext. 3839
Project Mgr: Michael DeGloria

Invoice To: GES via e-invoice
ges-invoices@gesonline.com
P O No. ____ Quote # ____

Project No: 1503708-3001-500
Site Name: Eversource Madison AWC
Location: 135 New Road State: CT
Sampler(s): Don Custer

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=____ 12=____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=____ X2=____ X3=____

G= Grab C=Composite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs via 8260C	Check if chlorinated
-1	CS-18D (125)	9-14-23	1130	G	SO	3			1	X	☐
-2	CS-18S (11)		1145							X	☐
-3	CS-19D (12)		1250							X	☐
-4	CS-19S (11)		1300							X	☐
-5	CS-20D (10)		1320							X	☐
-6	CS-20S (9)		1330							X	☐
-7	CS-21D (12)		1345							X	☐
-8	CS-21S (11)		1350							X	☐
											☐
											☐

7 MS = 1330

List Preservative Code below:

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
☑ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: ____
State-specific reporting standards

Relinquished by:	Received by:	Date:	Time:	Temp °C
		9/15/23	1345	Observed 0.8
		9/15/23	15:39	Correction Factor +0.2
				Corrected 1.0

☐ EDD format: ____
☑ E-mail to: GESInbox@gesonline.com, mdegloria@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sample Shipping Address: 126 Myron Street • West Springfield, MA 01089 • 413-788-9018
Lab Address: 646 Camp Ave • North Kingstown, RI 02852
www.EurofinsUS.com/Spectrum

Rev. Jan 2020

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-13966-1

Login Number: 13966
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

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

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Michael DeGloria
Groundwater & Environmental Services Inc
100 Sebethe Drive
Unit A8
Cromwell, Connecticut 06416

Generated 9/25/2023 3:47:16 PM

JOB DESCRIPTION

Eversource Madison CT Area Work Center -

JOB NUMBER

620-13980-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

See page two for job notes and contact information.

my EOL

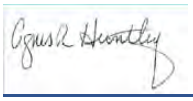
Eurofins New England

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
Agnes Huntley, Project Manager
Agnes.Huntley@et.eurofinsus.com
(401)372-3482

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Eurofins New England

Client: Groundwater & Environmental Services Inc

Project Location: Eversource Madison CT Area Work Center -

Project Number: 620-13980-1

Laboratory Sample ID(s): 620-13980-1 through 620-13980-8

Sampling Date(s): 09/15/2023

List RCP Methods Used: 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Resonable Confidence Protocol documents?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑Yes ☐No ☐ See case narrative
1B	*VPH and EPH Methods only:* Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☑Yes ☐No ☐ See case narrative
3	Were samples received at an appropriate temperature (<6° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑Yes ☐No ☐ See case narrative ☑Yes ☐No ☐N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

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.

Authorized Signature: Agnes R Huntley Position: Project Manager

Printed Name: Agnes Huntley Date: 09/25/2023

Name of Laboratory: Eurofins New England

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13980-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-13980-1

Receipt
The samples were received on 9/18/2023 4:38 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.0º C.

GC/MS VOA
Methods 8260, 8260C: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analytes (biased low): Tetrahydrofuran, Isopropyl ether, Vinyl chloride, and 1,2-Dichloropropane.
(CCVIS 620-26977/3)

Methods 8260, 8260C: The continuing calibration verification (CCV) associated with batch 620-26977 exhibited % difference of > 20% for the following analytes: Naphthalene, Acrylonitrile, 2-Methyl-2-propanol, and Tert-butyl ethyl ether; however, the results of the LCS were within the CCV acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 20% difference from the initial calibration. According to the laboratory standard operating procedure, the LCS is acceptable if it meets the CCV acceptance criteria.

Methods 8260, 8260C: The continuing calibration verification (CCV) associated with batch 620-27018 exhibited % difference of > 20% for the following analytes: Tetrahydrofuran; however, the results of the LCS were within the CCV acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 20% difference from the initial calibration. According to the laboratory standard operating procedure, the LCS is acceptable if it meets the CCV acceptance criteria.

Methods 8260, 8260C: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analytes (biased high): Dichlorodifluoromethane.
(CCVIS 620-27018/3)

Methods 8260, 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 620-26656 and 620-26976 and analytical batch 620-26977 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Methods 8260, 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 620-26656 and 620-27038 and analytical batch 620-27018 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8260: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 620-27018 recovered outside control limits but within 40-160% for the following analytes: Dichlorodifluoromethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated samples are: (LCS 620-27038/1-A) and (LCSD 620-27038/2-A).

Methods 8260, 8260C: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analytes (biased high): Dichlorodifluoromethane. Affected analytes (biased low): Tetrahydrofuran.
(CCVIS 620-27080/3)

Methods 8260, 8260C: The continuing calibration verification (CCV) associated with batch 620-27080 exhibited % difference of > 20% for the following analytes: Naphthalene, Isopropyl ether, and Trichlorofluoromethane; however, the results of the LCS were within the CCV acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 20% difference from the initial calibration. According to the laboratory standard operating procedure, the LCS is acceptable if it meets the CCV

Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13980-1 (Continued)

Laboratory: Eurofins New England (Continued)

acceptance criteria.

Method 8260: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 620-27080 recovered outside control limits but within 40-160% for the following analyte: Dichlorodifluoromethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated samples are: (LCS 620-27079/1-A) and (LCSD 620-27079/2-A).

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

General Chemistry
Method Moisture: The sample duplicate (DUP) precision for analytical batch 620-26983 was outside control limits. Sample non-homogeneity is suspected.

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

Detection Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-22D (10.5) — Lab Sample ID: 620-13980-1

No Detections.

Client Sample ID: CS-22S (9.5) — Lab Sample ID: 620-13980-2

No Detections.

Client Sample ID: CS-23D (10.5) — Lab Sample ID: 620-13980-3

No Detections.

Client Sample ID: CS-23S (9.5) — Lab Sample ID: 620-13980-4

No Detections.

Client Sample ID: CS-24D (10.5) — Lab Sample ID: 620-13980-5

No Detections.

Client Sample ID: CS-24S (9.5) — Lab Sample ID: 620-13980-6

No Detections.

Client Sample ID: CS-25D (10.5) — Lab Sample ID: 620-13980-7

No Detections.

Client Sample ID: CS-25S (9.5) — Lab Sample ID: 620-13980-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Trichlorofluoromethane (Freon 11)	0.00418		0.00409		mg/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-22D (10.5)
Date Collected: 09/15/23 11:20
Date Received: 09/18/23 16:38

Lab Sample ID: 620-13980-1
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Acetone	ND		0.0440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Acrylonitrile	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Benzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Bromobenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Bromochloromethane	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Bromodichloromethane	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Bromoform	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Bromomethane	ND		0.00880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
2-Butanone (MEK)	ND		0.00880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
2-Chlorotoluene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
n-Butylbenzene	ND		0.00880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
sec-Butylbenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
tert-Butylbenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Carbon disulfide	ND		0.00880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Carbon tetrachloride	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Chlorobenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Chloroethane	ND		0.00880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Chloroform	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Chloromethane	ND		0.00880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
4-Chlorotoluene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,2-Dibromo-3-Chloropropane	ND		0.00880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Dibromochloromethane	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,2-Dibromoethane (EDB)	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Dibromomethane	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,2-Dichlorobenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,3-Dichlorobenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,4-Dichlorobenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Dichlorodifluoromethane (Freon 12)	ND		0.00880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,1-Dichloroethane	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,2-Dichloroethane	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,1-Dichloroethene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
cis-1,2-Dichloroethene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
trans-1,2-Dichloroethene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,2-Dichloropropane	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,3-Dichloropropane	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
2,2-Dichloropropane	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,1-Dichloropropene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
cis-1,3-Dichloropropene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
trans-1,3-Dichloropropene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Ethylbenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Hexachlorobutadiene	ND		0.00880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
2-Hexanone (MBK)	ND		0.00880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Isopropylbenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
4-Isopropyltoluene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Methyl tert-butyl ether	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
4-Methyl-2-pentanone (MIBK)	ND		0.00880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Methylene Chloride	ND		0.00880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Naphthalene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-22D (10.5)
Date Collected: 09/15/23 11:20
Date Received: 09/18/23 16:38

Lab Sample ID: 620-13980-1
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Styrene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,1,1,2-Tetrachloroethane	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,1,2,2-Tetrachloroethane	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Tetrachloroethene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Toluene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,2,3-Trichlorobenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,2,4-Trichlorobenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,3,5-Trichlorobenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,1,1-Trichloroethane	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,1,2-Trichloroethane	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Trichloroethene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Trichlorofluoromethane (Freon 11)	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,2,3-Trichloropropane	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,2,4-Trimethylbenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,3,5-Trimethylbenzene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Vinyl chloride	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
m,p-Xylene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
o-Xylene	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Tetrahydrofuran	ND		0.00880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Ethyl ether	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Tert-amyl methyl ether	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Ethyl tert-butyl ether	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
di-Isopropyl ether	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
tert-Butanol	ND		0.0880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,4-Dioxane	ND		0.0880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
trans-1,4-Dichloro-2-butene	ND		0.0220		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Ethanol	ND		0.880		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
1,3-Dichloropropene, Total	ND		0.00440		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1
Xylenes, Total	ND		0.0132		mg/Kg	☼	09/20/23 10:34	09/20/23 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*09/20/23 10:34*	*09/20/23 19:29*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*09/20/23 10:34*	*09/20/23 19:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*70 - 130*	*09/20/23 10:34*	*09/20/23 19:29*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*	*09/20/23 10:34*	*09/20/23 19:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.6**		0.1		%			09/20/23 12:06	1
Percent Solids (EPA Moisture)	**89.4**		0.1		%			09/20/23 12:06	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-22S (9.5)
Date Collected: 09/15/23 11:30
Date Received: 09/18/23 16:38

Lab Sample ID: 620-13980-2
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Acetone	ND		0.0451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Acrylonitrile	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Benzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Bromobenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Bromochloromethane	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Bromodichloromethane	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Bromoform	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Bromomethane	ND		0.00903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
2-Butanone (MEK)	ND		0.00903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
2-Chlorotoluene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
n-Butylbenzene	ND		0.00903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
sec-Butylbenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
tert-Butylbenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Carbon disulfide	ND		0.00903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Carbon tetrachloride	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Chlorobenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Chloroethane	ND		0.00903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Chloroform	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Chloromethane	ND		0.00903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
4-Chlorotoluene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,2-Dibromo-3-Chloropropane	ND		0.00903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Dibromochloromethane	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,2-Dibromoethane (EDB)	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Dibromomethane	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,2-Dichlorobenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,3-Dichlorobenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,4-Dichlorobenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Dichlorodifluoromethane (Freon 12)	ND		0.00903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,1-Dichloroethane	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,2-Dichloroethane	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,1-Dichloroethene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
cis-1,2-Dichloroethene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
trans-1,2-Dichloroethene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,2-Dichloropropane	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,3-Dichloropropane	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
2,2-Dichloropropane	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,1-Dichloropropene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
cis-1,3-Dichloropropene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
trans-1,3-Dichloropropene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Ethylbenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Hexachlorobutadiene	ND		0.00903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
2-Hexanone (MBK)	ND		0.00903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Isopropylbenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
4-Isopropyltoluene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Methyl tert-butyl ether	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
4-Methyl-2-pentanone (MIBK)	ND		0.00903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Methylene Chloride	ND		0.00903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Naphthalene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-22S (9.5)
Date Collected: 09/15/23 11:30
Date Received: 09/18/23 16:38

Lab Sample ID: 620-13980-2
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Styrene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,1,1,2-Tetrachloroethane	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,1,2,2-Tetrachloroethane	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Tetrachloroethene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Toluene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,2,3-Trichlorobenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,2,4-Trichlorobenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,3,5-Trichlorobenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,1,1-Trichloroethane	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,1,2-Trichloroethane	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Trichloroethene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Trichlorofluoromethane (Freon 11)	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,2,3-Trichloropropane	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,2,4-Trimethylbenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,3,5-Trimethylbenzene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Vinyl chloride	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
m,p-Xylene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
o-Xylene	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Tetrahydrofuran	ND		0.00903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Ethyl ether	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Tert-amyl methyl ether	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Ethyl tert-butyl ether	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
di-Isopropyl ether	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
tert-Butanol	ND		0.0903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,4-Dioxane	ND		0.0903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
trans-1,4-Dichloro-2-butene	ND		0.0226		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Ethanol	ND		0.903		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
1,3-Dichloropropene, Total	ND		0.00451		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1
Xylenes, Total	ND		0.0135		mg/Kg	☼	09/20/23 10:34	09/20/23 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/20/23 10:34*	*09/20/23 19:55*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*09/20/23 10:34*	*09/20/23 19:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 130*	*09/20/23 10:34*	*09/20/23 19:55*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*	*09/20/23 10:34*	*09/20/23 19:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		0.1		%			09/20/23 12:06	1
Percent Solids (EPA Moisture)	**89.6**		0.1		%			09/20/23 12:06	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-23D (10.5)
Lab Sample ID: 620-13980-3
Date Collected: 09/15/23 11:40
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 91.3

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Acetone	ND		0.0384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Acrylonitrile	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Benzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Bromobenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Bromochloromethane	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Bromodichloromethane	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Bromoform	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Bromomethane	ND		0.00768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
2-Butanone (MEK)	ND		0.00768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
2-Chlorotoluene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
n-Butylbenzene	ND		0.00768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
sec-Butylbenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
tert-Butylbenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Carbon disulfide	ND		0.00768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Carbon tetrachloride	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Chlorobenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Chloroethane	ND		0.00768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Chloroform	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Chloromethane	ND		0.00768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
4-Chlorotoluene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,2-Dibromo-3-Chloropropane	ND		0.00768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Dibromochloromethane	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,2-Dibromoethane (EDB)	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Dibromomethane	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,2-Dichlorobenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,3-Dichlorobenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,4-Dichlorobenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Dichlorodifluoromethane (Freon 12)	ND		0.00768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,1-Dichloroethane	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,2-Dichloroethane	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,1-Dichloroethene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
cis-1,2-Dichloroethene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
trans-1,2-Dichloroethene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,2-Dichloropropane	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,3-Dichloropropane	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
2,2-Dichloropropane	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,1-Dichloropropene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
cis-1,3-Dichloropropene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
trans-1,3-Dichloropropene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Ethylbenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Hexachlorobutadiene	ND		0.00768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
2-Hexanone (MBK)	ND		0.00768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Isopropylbenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
4-Isopropyltoluene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Methyl tert-butyl ether	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
4-Methyl-2-pentanone (MIBK)	ND		0.00768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Methylene Chloride	ND		0.00768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Naphthalene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-23D (10.5)
Date Collected: 09/15/23 11:40
Date Received: 09/18/23 16:38

Lab Sample ID: 620-13980-3
Matrix: Solid
Percent Solids: 91.3

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Styrene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,1,1,2-Tetrachloroethane	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,1,2,2-Tetrachloroethane	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Tetrachloroethene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Toluene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,2,3-Trichlorobenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,2,4-Trichlorobenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,3,5-Trichlorobenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,1,1-Trichloroethane	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,1,2-Trichloroethane	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Trichloroethene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Trichlorofluoromethane (Freon 11)	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,2,3-Trichloropropane	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,2,4-Trimethylbenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,3,5-Trimethylbenzene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Vinyl chloride	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
m,p-Xylene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
o-Xylene	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Tetrahydrofuran	ND		0.00768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Ethyl ether	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Tert-amyl methyl ether	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Ethyl tert-butyl ether	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
di-Isopropyl ether	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
tert-Butanol	ND		0.0768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,4-Dioxane	ND		0.0768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
trans-1,4-Dichloro-2-butene	ND		0.0192		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Ethanol	ND		0.768		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
1,3-Dichloropropene, Total	ND		0.00384		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1
Xylenes, Total	ND		0.0115		mg/Kg	☼	09/20/23 10:34	09/20/23 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/20/23 10:34*	*09/20/23 20:20*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*09/20/23 10:34*	*09/20/23 20:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*70 - 130*	*09/20/23 10:34*	*09/20/23 20:20*	*1*
Dibromofluoromethane (Surr)	*113*		*70 - 130*	*09/20/23 10:34*	*09/20/23 20:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.7**		0.1		%			09/20/23 12:06	1
Percent Solids (EPA Moisture)	**91.3**		0.1		%			09/20/23 12:06	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-23S (9.5)
Date Collected: 09/15/23 11:50
Date Received: 09/18/23 16:38

Lab Sample ID: 620-13980-4
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Acetone	ND		0.0425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Acrylonitrile	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Benzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Bromobenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Bromochloromethane	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Bromodichloromethane	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Bromoform	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Bromomethane	ND		0.00851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
2-Butanone (MEK)	ND		0.00851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
2-Chlorotoluene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
n-Butylbenzene	ND		0.00851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
sec-Butylbenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
tert-Butylbenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Carbon disulfide	ND		0.00851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Carbon tetrachloride	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Chlorobenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Chloroethane	ND		0.00851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Chloroform	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Chloromethane	ND		0.00851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
4-Chlorotoluene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,2-Dibromo-3-Chloropropane	ND		0.00851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Dibromochloromethane	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,2-Dibromoethane (EDB)	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Dibromomethane	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,2-Dichlorobenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,3-Dichlorobenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,4-Dichlorobenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Dichlorodifluoromethane (Freon 12)	ND		0.00851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,1-Dichloroethane	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,2-Dichloroethane	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,1-Dichloroethene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
cis-1,2-Dichloroethene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
trans-1,2-Dichloroethene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,2-Dichloropropane	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,3-Dichloropropane	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
2,2-Dichloropropane	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,1-Dichloropropene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
cis-1,3-Dichloropropene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
trans-1,3-Dichloropropene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Ethylbenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Hexachlorobutadiene	ND		0.00851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
2-Hexanone (MBK)	ND		0.00851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Isopropylbenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
4-Isopropyltoluene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Methyl tert-butyl ether	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
4-Methyl-2-pentanone (MIBK)	ND		0.00851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Methylene Chloride	ND		0.00851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Naphthalene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-23S (9.5)
Date Collected: 09/15/23 11:50
Date Received: 09/18/23 16:38

Lab Sample ID: 620-13980-4
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Styrene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,1,1,2-Tetrachloroethane	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,1,2,2-Tetrachloroethane	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Tetrachloroethene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Toluene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,2,3-Trichlorobenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,2,4-Trichlorobenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,3,5-Trichlorobenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,1,1-Trichloroethane	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,1,2-Trichloroethane	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Trichloroethene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Trichlorofluoromethane (Freon 11)	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,2,3-Trichloropropane	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,2,4-Trimethylbenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,3,5-Trimethylbenzene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Vinyl chloride	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
m,p-Xylene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
o-Xylene	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Tetrahydrofuran	ND		0.00851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Ethyl ether	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Tert-amyl methyl ether	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Ethyl tert-butyl ether	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
di-Isopropyl ether	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
tert-Butanol	ND		0.0851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,4-Dioxane	ND		0.0851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
trans-1,4-Dichloro-2-butene	ND		0.0213		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Ethanol	ND		0.851		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
1,3-Dichloropropene, Total	ND		0.00425		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1
Xylenes, Total	ND		0.0128		mg/Kg	☼	09/20/23 10:34	09/20/23 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*09/20/23 10:34*	*09/20/23 20:45*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*09/20/23 10:34*	*09/20/23 20:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*70 - 130*	*09/20/23 10:34*	*09/20/23 20:45*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*	*09/20/23 10:34*	*09/20/23 20:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.3**		0.1		%			09/20/23 12:06	1
Percent Solids (EPA Moisture)	**91.7**		0.1		%			09/20/23 12:06	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-24D (10.5)
Lab Sample ID: 620-13980-5
Date Collected: 09/15/23 12:00
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 92.0

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Acetone	ND		0.0417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Acrylonitrile	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Benzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Bromobenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Bromochloromethane	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Bromodichloromethane	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Bromoform	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Bromomethane	ND		0.00833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
2-Butanone (MEK)	ND		0.00833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
2-Chlorotoluene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
n-Butylbenzene	ND		0.00833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
sec-Butylbenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
tert-Butylbenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Carbon disulfide	ND		0.00833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Carbon tetrachloride	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Chlorobenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Chloroethane	ND		0.00833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Chloroform	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Chloromethane	ND		0.00833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
4-Chlorotoluene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,2-Dibromo-3-Chloropropane	ND		0.00833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Dibromochloromethane	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,2-Dibromoethane (EDB)	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Dibromomethane	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,2-Dichlorobenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,3-Dichlorobenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,4-Dichlorobenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,1-Dichloroethane	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,2-Dichloroethane	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,1-Dichloroethene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
cis-1,2-Dichloroethene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
trans-1,2-Dichloroethene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,2-Dichloropropane	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,3-Dichloropropane	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
2,2-Dichloropropane	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,1-Dichloropropene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
cis-1,3-Dichloropropene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
trans-1,3-Dichloropropene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Ethylbenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Hexachlorobutadiene	ND		0.00833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
2-Hexanone (MBK)	ND		0.00833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Isopropylbenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
4-Isopropyltoluene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Methyl tert-butyl ether	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
4-Methyl-2-pentanone (MIBK)	ND		0.00833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Methylene Chloride	ND		0.00833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Naphthalene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-24D (10.5)
Lab Sample ID: 620-13980-5
Date Collected: 09/15/23 12:00
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 92.0

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Styrene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,1,1,2-Tetrachloroethane	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,1,2,2-Tetrachloroethane	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Tetrachloroethene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Toluene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,2,3-Trichlorobenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,2,4-Trichlorobenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,3,5-Trichlorobenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,1,1-Trichloroethane	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,1,2-Trichloroethane	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Trichloroethene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Trichlorofluoromethane (Freon 11)	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,2,3-Trichloropropane	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,2,4-Trimethylbenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,3,5-Trimethylbenzene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Vinyl chloride	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
m,p-Xylene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
o-Xylene	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Tetrahydrofuran	ND		0.00833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Ethyl ether	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Tert-amyl methyl ether	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Ethyl tert-butyl ether	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
di-Isopropyl ether	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
tert-Butanol	ND		0.0833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,4-Dioxane	ND		0.0833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
trans-1,4-Dichloro-2-butene	ND		0.0208		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Ethanol	ND		0.833		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
1,3-Dichloropropene, Total	ND		0.00417		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1
Xylenes, Total	ND		0.0125		mg/Kg	☼	09/22/23 10:27	09/22/23 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*09/22/23 10:27*	*09/22/23 14:19*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*09/22/23 10:27*	*09/22/23 14:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 130*	*09/22/23 10:27*	*09/22/23 14:19*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*	*09/22/23 10:27*	*09/22/23 14:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.0**		0.1		%			09/20/23 12:06	1
Percent Solids (EPA Moisture)	**92.0**		0.1		%			09/20/23 12:06	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-24S (9.5)
Lab Sample ID: 620-13980-6
Date Collected: 09/15/23 12:10
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 92.3

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Acetone	ND		0.0450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Acrylonitrile	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Benzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Bromobenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Bromochloromethane	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Bromodichloromethane	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Bromoform	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Bromomethane	ND		0.00901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
2-Butanone (MEK)	ND		0.00901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
2-Chlorotoluene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
n-Butylbenzene	ND		0.00901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
sec-Butylbenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
tert-Butylbenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Carbon disulfide	ND		0.00901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Carbon tetrachloride	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Chlorobenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Chloroethane	ND		0.00901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Chloroform	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Chloromethane	ND		0.00901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
4-Chlorotoluene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,2-Dibromo-3-Chloropropane	ND		0.00901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Dibromochloromethane	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,2-Dibromoethane (EDB)	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Dibromomethane	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,2-Dichlorobenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,3-Dichlorobenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,4-Dichlorobenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,1-Dichloroethane	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,2-Dichloroethane	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,1-Dichloroethene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
cis-1,2-Dichloroethene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
trans-1,2-Dichloroethene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,2-Dichloropropane	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,3-Dichloropropane	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
2,2-Dichloropropane	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,1-Dichloropropene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
cis-1,3-Dichloropropene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
trans-1,3-Dichloropropene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Ethylbenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Hexachlorobutadiene	ND		0.00901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
2-Hexanone (MBK)	ND		0.00901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Isopropylbenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
4-Isopropyltoluene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Methyl tert-butyl ether	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
4-Methyl-2-pentanone (MIBK)	ND		0.00901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Methylene Chloride	ND		0.00901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Naphthalene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-24S (9.5)
Lab Sample ID: 620-13980-6
Date Collected: 09/15/23 12:10
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 92.3

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Styrene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,1,1,2-Tetrachloroethane	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,1,2,2-Tetrachloroethane	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Tetrachloroethene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Toluene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,2,3-Trichlorobenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,2,4-Trichlorobenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,3,5-Trichlorobenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,1,1-Trichloroethane	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,1,2-Trichloroethane	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Trichloroethene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Trichlorofluoromethane (Freon 11)	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,2,3-Trichloropropane	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,2,4-Trimethylbenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,3,5-Trimethylbenzene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Vinyl chloride	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
m,p-Xylene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
o-Xylene	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Tetrahydrofuran	ND		0.00901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Ethyl ether	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Tert-amyl methyl ether	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Ethyl tert-butyl ether	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
di-Isopropyl ether	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
tert-Butanol	ND		0.0901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,4-Dioxane	ND		0.0901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
trans-1,4-Dichloro-2-butene	ND		0.0225		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Ethanol	ND		0.901		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
1,3-Dichloropropene, Total	ND		0.00450		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1
Xylenes, Total	ND		0.0135		mg/Kg	☼	09/22/23 10:27	09/22/23 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/22/23 10:27*	*09/22/23 14:44*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*09/22/23 10:27*	*09/22/23 14:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 130*	*09/22/23 10:27*	*09/22/23 14:44*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*	*09/22/23 10:27*	*09/22/23 14:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.7**		0.1		%			09/20/23 12:06	1
Percent Solids (EPA Moisture)	**92.3**		0.1		%			09/20/23 12:06	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-25D (10.5)
Lab Sample ID: 620-13980-7
Date Collected: 09/15/23 12:20
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 91.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Acetone	ND		0.0461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Acrylonitrile	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Benzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Bromobenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Bromochloromethane	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Bromodichloromethane	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Bromoform	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Bromomethane	ND		0.00921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
2-Butanone (MEK)	ND		0.00921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
2-Chlorotoluene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
n-Butylbenzene	ND		0.00921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
sec-Butylbenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
tert-Butylbenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Carbon disulfide	ND		0.00921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Carbon tetrachloride	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Chlorobenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Chloroethane	ND		0.00921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Chloroform	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Chloromethane	ND		0.00921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
4-Chlorotoluene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,2-Dibromo-3-Chloropropane	ND		0.00921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Dibromochloromethane	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,2-Dibromoethane (EDB)	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Dibromomethane	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,2-Dichlorobenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,3-Dichlorobenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,4-Dichlorobenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,1-Dichloroethane	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,2-Dichloroethane	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,1-Dichloroethene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
cis-1,2-Dichloroethene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
trans-1,2-Dichloroethene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,2-Dichloropropane	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,3-Dichloropropane	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
2,2-Dichloropropane	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,1-Dichloropropene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
cis-1,3-Dichloropropene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
trans-1,3-Dichloropropene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Ethylbenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Hexachlorobutadiene	ND		0.00921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
2-Hexanone (MBK)	ND		0.00921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Isopropylbenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
4-Isopropyltoluene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Methyl tert-butyl ether	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
4-Methyl-2-pentanone (MIBK)	ND		0.00921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Methylene Chloride	ND		0.00921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Naphthalene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-25D (10.5)
Lab Sample ID: 620-13980-7
Date Collected: 09/15/23 12:20
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 91.2

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Styrene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,1,1,2-Tetrachloroethane	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,1,2,2-Tetrachloroethane	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Tetrachloroethene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Toluene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,2,3-Trichlorobenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,2,4-Trichlorobenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,3,5-Trichlorobenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,1,1-Trichloroethane	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,1,2-Trichloroethane	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Trichloroethene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Trichlorofluoromethane (Freon 11)	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,2,3-Trichloropropane	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,2,4-Trimethylbenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,3,5-Trimethylbenzene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Vinyl chloride	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
m,p-Xylene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
o-Xylene	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Tetrahydrofuran	ND		0.00921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Ethyl ether	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Tert-amyl methyl ether	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Ethyl tert-butyl ether	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
di-Isopropyl ether	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
tert-Butanol	ND		0.0921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,4-Dioxane	ND		0.0921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
trans-1,4-Dichloro-2-butene	ND		0.0230		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Ethanol	ND		0.921		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
1,3-Dichloropropene, Total	ND		0.00461		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1
Xylenes, Total	ND		0.0138		mg/Kg	☼	09/22/23 10:27	09/22/23 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*09/22/23 10:27*	*09/22/23 15:10*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*09/22/23 10:27*	*09/22/23 15:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*70 - 130*	*09/22/23 10:27*	*09/22/23 15:10*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*	*09/22/23 10:27*	*09/22/23 15:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.8**		0.1		%			09/20/23 12:06	1
Percent Solids (EPA Moisture)	**91.2**		0.1		%			09/20/23 12:06	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-25S (9.5)
Lab Sample ID: 620-13980-8
Date Collected: 09/15/23 12:30
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 91.4

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Acetone	ND		0.0409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Acrylonitrile	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Benzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Bromobenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Bromochloromethane	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Bromodichloromethane	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Bromoform	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Bromomethane	ND		0.00817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
2-Butanone (MEK)	ND		0.00817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
2-Chlorotoluene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
n-Butylbenzene	ND		0.00817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
sec-Butylbenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
tert-Butylbenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Carbon disulfide	ND		0.00817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Carbon tetrachloride	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Chlorobenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Chloroethane	ND		0.00817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Chloroform	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Chloromethane	ND		0.00817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
4-Chlorotoluene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,2-Dibromo-3-Chloropropane	ND		0.00817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Dibromochloromethane	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,2-Dibromoethane (EDB)	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Dibromomethane	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,2-Dichlorobenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,3-Dichlorobenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,4-Dichlorobenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,1-Dichloroethane	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,2-Dichloroethane	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,1-Dichloroethene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
cis-1,2-Dichloroethene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
trans-1,2-Dichloroethene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,2-Dichloropropane	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,3-Dichloropropane	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
2,2-Dichloropropane	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,1-Dichloropropene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
cis-1,3-Dichloropropene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
trans-1,3-Dichloropropene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Ethylbenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Hexachlorobutadiene	ND		0.00817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
2-Hexanone (MBK)	ND		0.00817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Isopropylbenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
4-Isopropyltoluene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Methyl tert-butyl ether	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
4-Methyl-2-pentanone (MIBK)	ND		0.00817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Methylene Chloride	ND		0.00817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Naphthalene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-25S (9.5)
Date Collected: 09/15/23 12:30
Date Received: 09/18/23 16:38

Lab Sample ID: 620-13980-8
Matrix: Solid
Percent Solids: 91.4

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Styrene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,1,1,2-Tetrachloroethane	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,1,2,2-Tetrachloroethane	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Tetrachloroethene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Toluene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,2,3-Trichlorobenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,2,4-Trichlorobenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,3,5-Trichlorobenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,1,1-Trichloroethane	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,1,2-Trichloroethane	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Trichloroethene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Trichlorofluoromethane (Freon 11)	**0.00418**		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,2,3-Trichloropropane	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,2,4-Trimethylbenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,3,5-Trimethylbenzene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Vinyl chloride	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
m,p-Xylene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
o-Xylene	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Tetrahydrofuran	ND		0.00817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Ethyl ether	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Tert-amyl methyl ether	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Ethyl tert-butyl ether	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
di-Isopropyl ether	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
tert-Butanol	ND		0.0817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,4-Dioxane	ND		0.0817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
trans-1,4-Dichloro-2-butene	ND		0.0204		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Ethanol	ND		0.817		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
1,3-Dichloropropene, Total	ND		0.00409		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1
Xylenes, Total	ND		0.0123		mg/Kg	☼	09/22/23 10:27	09/22/23 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/22/23 10:27*	*09/22/23 15:35*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*09/22/23 10:27*	*09/22/23 15:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*70 - 130*	*09/22/23 10:27*	*09/22/23 15:35*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*	*09/22/23 10:27*	*09/22/23 15:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.6**		0.1		%			09/20/23 12:06	1
Percent Solids (EPA Moisture)	**91.4**		0.1		%			09/20/23 12:06	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Eversource Madison CT Area Work Center -

Job ID: 620-13980-1

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB (70-130)	TOL (70-130)	DCA (70-130)	DBFM (70-130)
620-13980-1	CS-22D (10.5)	96	96	120	112
620-13980-2	CS-22S (9.5)	95	96	119	112
620-13980-3	CS-23D (10.5)	95	97	122	113
620-13980-4	CS-23S (9.5)	96	96	120	112
620-13980-5	CS-24D (10.5)	96	95	119	111
620-13980-6	CS-24S (9.5)	95	97	119	111
620-13980-7	CS-25D (10.5)	96	96	120	111
620-13980-8	CS-25S (9.5)	95	96	120	112
LCS 620-26976/1-A	Lab Control Sample	96	98	117	112
LCS 620-27038/1-A	Lab Control Sample	96	98	110	110
LCS 620-27079/1-A	Lab Control Sample	97	98	115	110
LCSD 620-26976/2-A	Lab Control Sample Dup	97	98	118	111
LCSD 620-27038/2-A	Lab Control Sample Dup	96	97	110	109
LCSD 620-27079/2-A	Lab Control Sample Dup	98	98	117	111
MB 620-26976/3-A	Method Blank	95	94	114	109
MB 620-27038/3-A	Method Blank	95	94	110	107
MB 620-27079/3-A	Method Blank	94	95	116	109

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-26976/3-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26976

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Acetone	ND		0.0500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Acrylonitrile	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Benzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Bromobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Bromochloromethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Bromodichloromethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Bromoform	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Bromomethane	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
2-Chlorotoluene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
n-Butylbenzene	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
sec-Butylbenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
tert-Butylbenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Carbon disulfide	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Carbon tetrachloride	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Chlorobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Chloroethane	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Chloroform	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Chloromethane	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
4-Chlorotoluene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Dibromochloromethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Dibromomethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Ethylbenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Isopropylbenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Methylene Chloride	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-26976/3-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26976

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
N-Propylbenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Styrene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Tetrachloroethene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Toluene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Trichloroethene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Vinyl chloride	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
m,p-Xylene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
o-Xylene	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Tetrahydrofuran	ND		0.0100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Ethyl ether	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
di-Isopropyl ether	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
tert-Butanol	ND		0.100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,4-Dioxane	ND		0.100		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Ethanol	ND		1.00		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		09/20/23 10:34	09/20/23 13:35	1
Xylenes, Total	ND		0.0150		mg/Kg		09/20/23 10:34	09/20/23 13:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/20/23 10: 34*	*09/20/23 13: 35*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*09/20/23 10: 34*	*09/20/23 13: 35*	*1*
1, 2-Dichloroethane-d4 (Surr)	*114*		*70 - 130*	*09/20/23 10: 34*	*09/20/23 13: 35*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*	*09/20/23 10: 34*	*09/20/23 13: 35*	*1*

Lab Sample ID: LCS 620-26976/1-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26976

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01873		mg/Kg		94	70 - 130
Acetone	0.0200	0.02000	J	mg/Kg		100	70 - 130
Acrylonitrile	0.0200	0.01647		mg/Kg		82	70 - 130
Benzene	0.0200	0.01681		mg/Kg		84	70 - 130
Bromobenzene	0.0200	0.02039		mg/Kg		102	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-26976/1-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26976

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.0200	0.01927		mg/Kg		96	70 - 130
Bromodichloromethane	0.0200	0.01897		mg/Kg		95	70 - 130
Bromoform	0.0200	0.02219		mg/Kg		111	70 - 130
Bromomethane	0.0200	0.01869		mg/Kg		93	70 - 130
2-Butanone (MEK)	0.0200	0.01857		mg/Kg		93	70 - 130
2-Chlorotoluene	0.0200	0.01822		mg/Kg		91	70 - 130
n-Butylbenzene	0.0200	0.01703		mg/Kg		85	70 - 130
sec-Butylbenzene	0.0200	0.01948		mg/Kg		97	70 - 130
tert-Butylbenzene	0.0200	0.01979		mg/Kg		99	70 - 130
Carbon disulfide	0.0200	0.01710		mg/Kg		86	70 - 130
Carbon tetrachloride	0.0200	0.02099		mg/Kg		105	70 - 130
Chlorobenzene	0.0200	0.01807		mg/Kg		90	70 - 130
Chloroethane	0.0200	0.01743		mg/Kg		87	70 - 130
Chloroform	0.0200	0.01885		mg/Kg		94	70 - 130
Chloromethane	0.0200	0.01509		mg/Kg		75	70 - 130
4-Chlorotoluene	0.0200	0.01910		mg/Kg		96	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01884		mg/Kg		94	70 - 130
Dibromochloromethane	0.0200	0.01979		mg/Kg		99	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.01833		mg/Kg		92	70 - 130
Dibromomethane	0.0200	0.01817		mg/Kg		91	70 - 130
1,2-Dichlorobenzene	0.0200	0.01836		mg/Kg		92	70 - 130
1,3-Dichlorobenzene	0.0200	0.02074		mg/Kg		104	70 - 130
1,4-Dichlorobenzene	0.0200	0.01832		mg/Kg		92	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.01906		mg/Kg		95	70 - 130
1,1-Dichloroethane	0.0200	0.01722		mg/Kg		86	70 - 130
1,2-Dichloroethane	0.0200	0.01980		mg/Kg		99	70 - 130
1,1-Dichloroethene	0.0200	0.01762		mg/Kg		88	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01697		mg/Kg		85	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01708		mg/Kg		85	70 - 130
1,2-Dichloropropane	0.0200	0.01566		mg/Kg		78	70 - 130
1,3-Dichloropropane	0.0200	0.01726		mg/Kg		86	70 - 130
2,2-Dichloropropane	0.0200	0.01946		mg/Kg		97	70 - 130
1,1-Dichloropropene	0.0200	0.01731		mg/Kg		87	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01644		mg/Kg		82	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01873		mg/Kg		94	70 - 130
Ethylbenzene	0.0200	0.01808		mg/Kg		90	70 - 130
Hexachlorobutadiene	0.0200	0.02135		mg/Kg		107	70 - 130
2-Hexanone (MBK)	0.0200	0.01433		mg/Kg		72	70 - 130
Isopropylbenzene	0.0200	0.01907		mg/Kg		95	70 - 130
4-Isopropyltoluene	0.0200	0.01816		mg/Kg		91	70 - 130
Methyl tert-butyl ether	0.0200	0.01735		mg/Kg		87	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01523		mg/Kg		76	70 - 130
Methylene Chloride	0.0200	0.01716		mg/Kg		86	70 - 130
Naphthalene	0.0200	0.01637		mg/Kg		82	70 - 130
N-Propylbenzene	0.0200	0.01884		mg/Kg		94	70 - 130
Styrene	0.0200	0.01831		mg/Kg		92	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.01997		mg/Kg		100	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01775		mg/Kg		89	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-26976/1-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26976

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	0.0200	0.02041		mg/Kg		102	70 - 130
Toluene	0.0200	0.01727		mg/Kg		86	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02022		mg/Kg		101	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02148		mg/Kg		107	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.02004		mg/Kg		100	70 - 130
1,1,1-Trichloroethane	0.0200	0.02030		mg/Kg		101	70 - 130
1,1,2-Trichloroethane	0.0200	0.01730		mg/Kg		86	70 - 130
Trichloroethene	0.0200	0.01863		mg/Kg		93	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.02078		mg/Kg		104	70 - 130
1,2,3-Trichloropropane	0.0200	0.01929		mg/Kg		96	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.01995		mg/Kg		100	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02012		mg/Kg		101	70 - 130
Vinyl chloride	0.0200	0.01492		mg/Kg		75	70 - 130
m,p-Xylene	0.0200	0.01838		mg/Kg		92	70 - 130
o-Xylene	0.0200	0.01846		mg/Kg		92	70 - 130
Tetrahydrofuran	0.0200	0.01451		mg/Kg		73	70 - 130
Ethyl ether	0.0200	0.01602		mg/Kg		80	70 - 130
Tert-amyl methyl ether	0.0200	0.01670		mg/Kg		83	70 - 130
Ethyl tert-butyl ether	0.0200	0.01641		mg/Kg		82	70 - 130
di-Isopropyl ether	0.0200	0.01517		mg/Kg		76	70 - 130
tert-Butanol	0.200	0.1746		mg/Kg		87	70 - 130
1,4-Dioxane	0.200	0.1558		mg/Kg		78	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01911	J	mg/Kg		96	70 - 130
Ethanol	0.400	0.3303	J	mg/Kg		83	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 130*
Dibromofluoromethane (Surr)	*112*		*70 - 130*

Lab Sample ID: LCSD 620-26976/2-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26976

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01791		mg/Kg		90	70 - 130	4	30
Acetone	0.0200	0.01996	J	mg/Kg		100	70 - 130	0	30
Acrylonitrile	0.0200	0.01651		mg/Kg		83	70 - 130	0	30
Benzene	0.0200	0.01662		mg/Kg		83	70 - 130	1	30
Bromobenzene	0.0200	0.01977		mg/Kg		99	70 - 130	3	30
Bromochloromethane	0.0200	0.01829		mg/Kg		91	70 - 130	5	30
Bromodichloromethane	0.0200	0.01822		mg/Kg		91	70 - 130	4	30
Bromoform	0.0200	0.02207		mg/Kg		110	70 - 130	1	30
Bromomethane	0.0200	0.01780		mg/Kg		89	70 - 130	5	30
2-Butanone (MEK)	0.0200	0.01573		mg/Kg		79	70 - 130	17	30
2-Chlorotoluene	0.0200	0.01800		mg/Kg		90	70 - 130	1	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-26976/2-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26976

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	0.0200	0.01664		mg/Kg		83	70 - 130	2	30
sec-Butylbenzene	0.0200	0.01909		mg/Kg		95	70 - 130	2	30
tert-Butylbenzene	0.0200	0.01935		mg/Kg		97	70 - 130	2	30
Carbon disulfide	0.0200	0.01637		mg/Kg		82	70 - 130	4	30
Carbon tetrachloride	0.0200	0.02043		mg/Kg		102	70 - 130	3	30
Chlorobenzene	0.0200	0.01772		mg/Kg		89	70 - 130	2	30
Chloroethane	0.0200	0.01680		mg/Kg		84	70 - 130	4	30
Chloroform	0.0200	0.01859		mg/Kg		93	70 - 130	1	30
Chloromethane	0.0200	0.01464		mg/Kg		73	70 - 130	3	30
4-Chlorotoluene	0.0200	0.01872		mg/Kg		94	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.01954		mg/Kg		98	70 - 130	4	30
Dibromochloromethane	0.0200	0.01907		mg/Kg		95	70 - 130	4	30
1,2-Dibromoethane (EDB)	0.0200	0.01806		mg/Kg		90	70 - 130	1	30
Dibromomethane	0.0200	0.01749		mg/Kg		87	70 - 130	4	30
1,2-Dichlorobenzene	0.0200	0.01801		mg/Kg		90	70 - 130	2	30
1,3-Dichlorobenzene	0.0200	0.02029		mg/Kg		101	70 - 130	2	30
1,4-Dichlorobenzene	0.0200	0.01768		mg/Kg		88	70 - 130	4	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.01749		mg/Kg		87	70 - 130	9	30
1,1-Dichloroethane	0.0200	0.01683		mg/Kg		84	70 - 130	2	30
1,2-Dichloroethane	0.0200	0.01892		mg/Kg		95	70 - 130	5	30
1,1-Dichloroethene	0.0200	0.01745		mg/Kg		87	70 - 130	1	30
cis-1,2-Dichloroethene	0.0200	0.01665		mg/Kg		83	70 - 130	2	30
trans-1,2-Dichloroethene	0.0200	0.01685		mg/Kg		84	70 - 130	1	30
1,2-Dichloropropane	0.0200	0.01532		mg/Kg		77	70 - 130	2	30
1,3-Dichloropropane	0.0200	0.01667		mg/Kg		83	70 - 130	3	30
2,2-Dichloropropane	0.0200	0.01879		mg/Kg		94	70 - 130	4	30
1,1-Dichloropropene	0.0200	0.01693		mg/Kg		85	70 - 130	2	30
cis-1,3-Dichloropropene	0.0200	0.01641		mg/Kg		82	70 - 130	0	30
trans-1,3-Dichloropropene	0.0200	0.01819		mg/Kg		91	70 - 130	3	30
Ethylbenzene	0.0200	0.01785		mg/Kg		89	70 - 130	1	30
Hexachlorobutadiene	0.0200	0.02116		mg/Kg		106	70 - 130	1	30
2-Hexanone (MBK)	0.0200	0.01497		mg/Kg		75	70 - 130	4	30
Isopropylbenzene	0.0200	0.01892		mg/Kg		95	70 - 130	1	30
4-Isopropyltoluene	0.0200	0.01757		mg/Kg		88	70 - 130	3	30
Methyl tert-butyl ether	0.0200	0.01702		mg/Kg		85	70 - 130	2	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01589		mg/Kg		79	70 - 130	4	30
Methylene Chloride	0.0200	0.01664		mg/Kg		83	70 - 130	3	30
Naphthalene	0.0200	0.01681		mg/Kg		84	70 - 130	3	30
N-Propylbenzene	0.0200	0.01814		mg/Kg		91	70 - 130	4	30
Styrene	0.0200	0.01864		mg/Kg		93	70 - 130	2	30
1,1,1,2-Tetrachloroethane	0.0200	0.01954		mg/Kg		98	70 - 130	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.01765		mg/Kg		88	70 - 130	1	30
Tetrachloroethene	0.0200	0.01962		mg/Kg		98	70 - 130	4	30
Toluene	0.0200	0.01683		mg/Kg		84	70 - 130	3	30
1,2,3-Trichlorobenzene	0.0200	0.02071		mg/Kg		104	70 - 130	2	30
1,2,4-Trichlorobenzene	0.0200	0.02172		mg/Kg		109	70 - 130	1	30
1,3,5-Trichlorobenzene	0.0200	0.01965		mg/Kg		98	70 - 130	2	30
1,1,1-Trichloroethane	0.0200	0.01976		mg/Kg		99	70 - 130	3	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-26976/2-A
Matrix: Solid
Analysis Batch: 26977

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26976

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			0.0200	0.01678		mg/Kg		84	70 - 130	3	30
Trichloroethene			0.0200	0.01776		mg/Kg		89	70 - 130	5	30
Trichlorofluoromethane (Freon 11)			0.0200	0.01993		mg/Kg		100	70 - 130	4	30
1,2,3-Trichloropropane			0.0200	0.01936		mg/Kg		97	70 - 130	0	30
1,2,4-Trimethylbenzene			0.0200	0.01965		mg/Kg		98	70 - 130	2	30
1,3,5-Trimethylbenzene			0.0200	0.01962		mg/Kg		98	70 - 130	3	30
Vinyl chloride			0.0200	0.01433		mg/Kg		72	70 - 130	4	30
m,p-Xylene			0.0200	0.01804		mg/Kg		90	70 - 130	2	30
o-Xylene			0.0200	0.01818		mg/Kg		91	70 - 130	2	30
Tetrahydrofuran			0.0200	0.01490		mg/Kg		74	70 - 130	3	30
Ethyl ether			0.0200	0.01609		mg/Kg		80	70 - 130	0	30
Tert-amyl methyl ether			0.0200	0.01669		mg/Kg		83	70 - 130	0	30
Ethyl tert-butyl ether			0.0200	0.01610		mg/Kg		81	70 - 130	2	30
di-Isopropyl ether			0.0200	0.01495		mg/Kg		75	70 - 130	1	30
tert-Butanol			0.200	0.1783		mg/Kg		89	70 - 130	2	30
1,4-Dioxane			0.200	0.1600		mg/Kg		80	70 - 130	3	30
trans-1,4-Dichloro-2-butene			0.0200	0.01807	J	mg/Kg		90	70 - 130	6	30
Ethanol			0.400	0.3065	J	mg/Kg		77	70 - 130	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 130*
Dibromofluoromethane (Surr)	*111*		*70 - 130*

Lab Sample ID: MB 620-27038/3-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27038

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Acetone	ND		0.0500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Acrylonitrile	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Benzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Bromobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Bromochloromethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Bromodichloromethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Bromoform	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Bromomethane	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
2-Chlorotoluene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
n-Butylbenzene	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
sec-Butylbenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
tert-Butylbenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Carbon disulfide	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Carbon tetrachloride	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Chlorobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-27038/3-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27038

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Chloroform	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Chloromethane	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
4-Chlorotoluene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Dibromochloromethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Dibromomethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2-Dichloropropane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Ethylbenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Isopropylbenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Methylene Chloride	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Naphthalene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
N-Propylbenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Styrene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Tetrachloroethene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Toluene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Trichloroethene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Vinyl chloride	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-27038/3-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27038

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
o-Xylene	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Tetrahydrofuran	ND		0.0100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Ethyl ether	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
di-Isopropyl ether	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
tert-Butanol	ND		0.100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,4-Dioxane	ND		0.100		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Ethanol	ND		1.00		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		09/21/23 09:00	09/21/23 12:22	1
Xylenes, Total	ND		0.0150		mg/Kg		09/21/23 09:00	09/21/23 12:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/21/23 09: 00*	*09/21/23 12: 22*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*09/21/23 09: 00*	*09/21/23 12: 22*	*1*
1, 2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*	*09/21/23 09: 00*	*09/21/23 12: 22*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*	*09/21/23 09: 00*	*09/21/23 12: 22*	*1*

Lab Sample ID: LCS 620-27038/1-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27038

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02069		mg/Kg		103	70 - 130
Acetone	0.0200	0.02152	J	mg/Kg		108	70 - 130
Acrylonitrile	0.0200	0.01814		mg/Kg		91	70 - 130
Benzene	0.0200	0.01832		mg/Kg		92	70 - 130
Bromobenzene	0.0200	0.02154		mg/Kg		108	70 - 130
Bromochloromethane	0.0200	0.02053		mg/Kg		103	70 - 130
Bromodichloromethane	0.0200	0.01977		mg/Kg		99	70 - 130
Bromoform	0.0200	0.02303		mg/Kg		115	70 - 130
Bromomethane	0.0200	0.02125		mg/Kg		106	70 - 130
2-Butanone (MEK)	0.0200	0.01641		mg/Kg		82	70 - 130
2-Chlorotoluene	0.0200	0.02093		mg/Kg		105	70 - 130
n-Butylbenzene	0.0200	0.01906		mg/Kg		95	70 - 130
sec-Butylbenzene	0.0200	0.02094		mg/Kg		105	70 - 130
tert-Butylbenzene	0.0200	0.02126		mg/Kg		106	70 - 130
Carbon disulfide	0.0200	0.01962		mg/Kg		98	70 - 130
Carbon tetrachloride	0.0200	0.02185		mg/Kg		109	70 - 130
Chlorobenzene	0.0200	0.01952		mg/Kg		98	70 - 130
Chloroethane	0.0200	0.01957		mg/Kg		98	70 - 130
Chloroform	0.0200	0.02009		mg/Kg		100	70 - 130
Chloromethane	0.0200	0.02109		mg/Kg		105	70 - 130
4-Chlorotoluene	0.0200	0.02047		mg/Kg		102	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.01981		mg/Kg		99	70 - 130
Dibromochloromethane	0.0200	0.02076		mg/Kg		104	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-27038/1-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27038

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.0200	0.01938		mg/Kg		97	70 - 130
Dibromomethane	0.0200	0.01906		mg/Kg		95	70 - 130
1,2-Dichlorobenzene	0.0200	0.02000		mg/Kg		100	70 - 130
1,3-Dichlorobenzene	0.0200	0.02184		mg/Kg		109	70 - 130
1,4-Dichlorobenzene	0.0200	0.01922		mg/Kg		96	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.03725	*+	mg/Kg		186	70 - 130
1,1-Dichloroethane	0.0200	0.01840		mg/Kg		92	70 - 130
1,2-Dichloroethane	0.0200	0.02039		mg/Kg		102	70 - 130
1,1-Dichloroethene	0.0200	0.01975		mg/Kg		99	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01959		mg/Kg		98	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01853		mg/Kg		93	70 - 130
1,2-Dichloropropane	0.0200	0.01734		mg/Kg		87	70 - 130
1,3-Dichloropropane	0.0200	0.01856		mg/Kg		93	70 - 130
2,2-Dichloropropane	0.0200	0.02074		mg/Kg		104	70 - 130
1,1-Dichloropropene	0.0200	0.01907		mg/Kg		95	70 - 130
cis-1,3-Dichloropropene	0.0200	0.01825		mg/Kg		91	70 - 130
trans-1,3-Dichloropropene	0.0200	0.01980		mg/Kg		99	70 - 130
Ethylbenzene	0.0200	0.01956		mg/Kg		98	70 - 130
Hexachlorobutadiene	0.0200	0.02341		mg/Kg		117	70 - 130
2-Hexanone (MBK)	0.0200	0.01597		mg/Kg		80	70 - 130
Isopropylbenzene	0.0200	0.02080		mg/Kg		104	70 - 130
4-Isopropyltoluene	0.0200	0.02007		mg/Kg		100	70 - 130
Methyl tert-butyl ether	0.0200	0.01890		mg/Kg		94	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01722		mg/Kg		86	70 - 130
Methylene Chloride	0.0200	0.01873		mg/Kg		94	70 - 130
Naphthalene	0.0200	0.01770		mg/Kg		89	70 - 130
N-Propylbenzene	0.0200	0.02031		mg/Kg		102	70 - 130
Styrene	0.0200	0.01980		mg/Kg		99	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.02131		mg/Kg		107	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.01867		mg/Kg		93	70 - 130
Tetrachloroethene	0.0200	0.02199		mg/Kg		110	70 - 130
Toluene	0.0200	0.01836		mg/Kg		92	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02197		mg/Kg		110	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02344		mg/Kg		117	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.02141		mg/Kg		107	70 - 130
1,1,1-Trichloroethane	0.0200	0.02109		mg/Kg		105	70 - 130
1,1,2-Trichloroethane	0.0200	0.01821		mg/Kg		91	70 - 130
Trichloroethene	0.0200	0.01908		mg/Kg		95	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.02281		mg/Kg		114	70 - 130
1,2,3-Trichloropropane	0.0200	0.01960		mg/Kg		98	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.02137		mg/Kg		107	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02154		mg/Kg		108	70 - 130
Vinyl chloride	0.0200	0.01916		mg/Kg		96	70 - 130
m,p-Xylene	0.0200	0.02011		mg/Kg		101	70 - 130
o-Xylene	0.0200	0.02002		mg/Kg		100	70 - 130
Tetrahydrofuran	0.0200	0.01618		mg/Kg		81	70 - 130
Ethyl ether	0.0200	0.01818		mg/Kg		91	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-27038/1-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27038

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tert-amyl methyl ether	0.0200	0.01875		mg/Kg		94	70 - 130
Ethyl tert-butyl ether	0.0200	0.01812		mg/Kg		91	70 - 130
di-Isopropyl ether	0.0200	0.01693		mg/Kg		85	70 - 130
tert-Butanol	0.200	0.1869		mg/Kg		93	70 - 130
1,4-Dioxane	0.200	0.1725		mg/Kg		86	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.01961	J	mg/Kg		98	70 - 130
Ethanol	0.400	0.3175	J	mg/Kg		79	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*
Dibromofluoromethane (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 620-27038/2-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27038

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02028		mg/Kg		101	70 - 130	2	30
Acetone	0.0200	0.01927	J	mg/Kg		96	70 - 130	11	30
Acrylonitrile	0.0200	0.01773		mg/Kg		89	70 - 130	2	30
Benzene	0.0200	0.01825		mg/Kg		91	70 - 130	0	30
Bromobenzene	0.0200	0.02095		mg/Kg		105	70 - 130	3	30
Bromochloromethane	0.0200	0.02051		mg/Kg		103	70 - 130	0	30
Bromodichloromethane	0.0200	0.01950		mg/Kg		98	70 - 130	1	30
Bromoform	0.0200	0.02283		mg/Kg		114	70 - 130	1	30
Bromomethane	0.0200	0.02117		mg/Kg		106	70 - 130	0	30
2-Butanone (MEK)	0.0200	0.01659		mg/Kg		83	70 - 130	1	30
2-Chlorotoluene	0.0200	0.01916		mg/Kg		96	70 - 130	9	30
n-Butylbenzene	0.0200	0.01855		mg/Kg		93	70 - 130	3	30
sec-Butylbenzene	0.0200	0.02057		mg/Kg		103	70 - 130	2	30
tert-Butylbenzene	0.0200	0.02084		mg/Kg		104	70 - 130	2	30
Carbon disulfide	0.0200	0.01938		mg/Kg		97	70 - 130	1	30
Carbon tetrachloride	0.0200	0.02149		mg/Kg		107	70 - 130	2	30
Chlorobenzene	0.0200	0.01902		mg/Kg		95	70 - 130	3	30
Chloroethane	0.0200	0.01899		mg/Kg		95	70 - 130	3	30
Chloroform	0.0200	0.01939		mg/Kg		97	70 - 130	4	30
Chloromethane	0.0200	0.02143		mg/Kg		107	70 - 130	2	30
4-Chlorotoluene	0.0200	0.01976		mg/Kg		99	70 - 130	4	30
1,2-Dibromo-3-Chloropropane	0.0200	0.02056		mg/Kg		103	70 - 130	4	30
Dibromochloromethane	0.0200	0.02029		mg/Kg		101	70 - 130	2	30
1,2-Dibromoethane (EDB)	0.0200	0.01901		mg/Kg		95	70 - 130	2	30
Dibromomethane	0.0200	0.01860		mg/Kg		93	70 - 130	2	30
1,2-Dichlorobenzene	0.0200	0.01962		mg/Kg		98	70 - 130	2	30
1,3-Dichlorobenzene	0.0200	0.02099		mg/Kg		105	70 - 130	4	30
1,4-Dichlorobenzene	0.0200	0.01911		mg/Kg		96	70 - 130	1	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-27038/2-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27038

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorodifluoromethane (Freon 12)	0.0200	0.03727	*+	mg/Kg		186	70 - 130	0	30
1,1-Dichloroethane	0.0200	0.01835		mg/Kg		92	70 - 130	0	30
1,2-Dichloroethane	0.0200	0.01980		mg/Kg		99	70 - 130	3	30
1,1-Dichloroethene	0.0200	0.01917		mg/Kg		96	70 - 130	3	30
cis-1,2-Dichloroethene	0.0200	0.01955		mg/Kg		98	70 - 130	0	30
trans-1,2-Dichloroethene	0.0200	0.01883		mg/Kg		94	70 - 130	2	30
1,2-Dichloropropane	0.0200	0.01690		mg/Kg		85	70 - 130	3	30
1,3-Dichloropropane	0.0200	0.01790		mg/Kg		89	70 - 130	4	30
2,2-Dichloropropane	0.0200	0.02035		mg/Kg		102	70 - 130	2	30
1,1-Dichloropropene	0.0200	0.01895		mg/Kg		95	70 - 130	1	30
cis-1,3-Dichloropropene	0.0200	0.01805		mg/Kg		90	70 - 130	1	30
trans-1,3-Dichloropropene	0.0200	0.01924		mg/Kg		96	70 - 130	3	30
Ethylbenzene	0.0200	0.01939		mg/Kg		97	70 - 130	1	30
Hexachlorobutadiene	0.0200	0.02366		mg/Kg		118	70 - 130	1	30
2-Hexanone (MBK)	0.0200	0.01590		mg/Kg		79	70 - 130	0	30
Isopropylbenzene	0.0200	0.02062		mg/Kg		103	70 - 130	1	30
4-Isopropyltoluene	0.0200	0.01965		mg/Kg		98	70 - 130	2	30
Methyl tert-butyl ether	0.0200	0.01887		mg/Kg		94	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01661		mg/Kg		83	70 - 130	4	30
Methylene Chloride	0.0200	0.01778		mg/Kg		89	70 - 130	5	30
Naphthalene	0.0200	0.01811		mg/Kg		91	70 - 130	2	30
N-Propylbenzene	0.0200	0.01977		mg/Kg		99	70 - 130	3	30
Styrene	0.0200	0.01991		mg/Kg		100	70 - 130	1	30
1,1,1,2-Tetrachloroethane	0.0200	0.02083		mg/Kg		104	70 - 130	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.01838		mg/Kg		92	70 - 130	2	30
Tetrachloroethene	0.0200	0.02130		mg/Kg		106	70 - 130	3	30
Toluene	0.0200	0.01815		mg/Kg		91	70 - 130	1	30
1,2,3-Trichlorobenzene	0.0200	0.02161		mg/Kg		108	70 - 130	2	30
1,2,4-Trichlorobenzene	0.0200	0.02273		mg/Kg		114	70 - 130	3	30
1,3,5-Trichlorobenzene	0.0200	0.02093		mg/Kg		105	70 - 130	2	30
1,1,1-Trichloroethane	0.0200	0.02062		mg/Kg		103	70 - 130	2	30
1,1,2-Trichloroethane	0.0200	0.01774		mg/Kg		89	70 - 130	3	30
Trichloroethene	0.0200	0.01928		mg/Kg		96	70 - 130	1	30
Trichlorofluoromethane (Freon 11)	0.0200	0.02203		mg/Kg		110	70 - 130	3	30
1,2,3-Trichloropropane	0.0200	0.01953		mg/Kg		98	70 - 130	0	30
1,2,4-Trimethylbenzene	0.0200	0.02075		mg/Kg		104	70 - 130	3	30
1,3,5-Trimethylbenzene	0.0200	0.02091		mg/Kg		105	70 - 130	3	30
Vinyl chloride	0.0200	0.01904		mg/Kg		95	70 - 130	1	30
m,p-Xylene	0.0200	0.01952		mg/Kg		98	70 - 130	3	30
o-Xylene	0.0200	0.01998		mg/Kg		100	70 - 130	0	30
Tetrahydrofuran	0.0200	0.01410		mg/Kg		70	70 - 130	14	30
Ethyl ether	0.0200	0.01791		mg/Kg		90	70 - 130	1	30
Tert-amyl methyl ether	0.0200	0.01825		mg/Kg		91	70 - 130	3	30
Ethyl tert-butyl ether	0.0200	0.01817		mg/Kg		91	70 - 130	0	30
di-Isopropyl ether	0.0200	0.01683		mg/Kg		84	70 - 130	1	30
tert-Butanol	0.200	0.1813		mg/Kg		91	70 - 130	3	30
1,4-Dioxane	0.200	0.1593		mg/Kg		80	70 - 130	8	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-27038/2-A
Matrix: Solid
Analysis Batch: 27018

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27038

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,4-Dichloro-2-butene			0.0200	0.01942	J	mg/Kg		97	70 - 130	1	30
Ethanol			0.400	0.3418	J	mg/Kg		85	70 - 130	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*
Dibromofluoromethane (Surr)	*109*		*70 - 130*

Lab Sample ID: MB 620-27079/3-A
Matrix: Solid
Analysis Batch: 27080

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27079

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Acetone	ND		0.0500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Acrylonitrile	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Benzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Bromobenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Bromochloromethane	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Bromodichloromethane	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Bromoform	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Bromomethane	ND		0.0100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
2-Butanone (MEK)	ND		0.0100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
2-Chlorotoluene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
n-Butylbenzene	ND		0.0100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
sec-Butylbenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
tert-Butylbenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Carbon disulfide	ND		0.0100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Carbon tetrachloride	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Chlorobenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Chloroethane	ND		0.0100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Chloroform	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Chloromethane	ND		0.0100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
4-Chlorotoluene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,2-Dibromo-3-Chloropropane	ND		0.0100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Dibromochloromethane	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,2-Dibromoethane (EDB)	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Dibromomethane	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,2-Dichlorobenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,3-Dichlorobenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,4-Dichlorobenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Dichlorodifluoromethane (Freon 12)	ND		0.0100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,1-Dichloroethane	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,2-Dichloroethane	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,1-Dichloroethene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
cis-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
trans-1,2-Dichloroethene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-27079/3-A
Matrix: Solid
Analysis Batch: 27080

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27079

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,3-Dichloropropane	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
2,2-Dichloropropane	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,1-Dichloropropene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
cis-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
trans-1,3-Dichloropropene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Ethylbenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Hexachlorobutadiene	ND		0.0100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
2-Hexanone (MBK)	ND		0.0100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Isopropylbenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
4-Isopropyltoluene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Methyl tert-butyl ether	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Methylene Chloride	ND		0.0100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Naphthalene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
N-Propylbenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Styrene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,1,1,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,1,2,2-Tetrachloroethane	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Tetrachloroethene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Toluene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,2,3-Trichlorobenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,2,4-Trichlorobenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,3,5-Trichlorobenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,1,1-Trichloroethane	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,1,2-Trichloroethane	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Trichloroethene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Trichlorofluoromethane (Freon 11)	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,2,3-Trichloropropane	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,2,4-Trimethylbenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,3,5-Trimethylbenzene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Vinyl chloride	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
m,p-Xylene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
o-Xylene	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Tetrahydrofuran	ND		0.0100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Ethyl ether	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Tert-amyl methyl ether	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Ethyl tert-butyl ether	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
di-Isopropyl ether	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
tert-Butanol	ND		0.100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,4-Dioxane	ND		0.100		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
trans-1,4-Dichloro-2-butene	ND		0.0250		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Ethanol	ND		1.00		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
1,3-Dichloropropene, Total	ND		0.00500		mg/Kg		09/22/23 10:27	09/22/23 13:08	1
Xylenes, Total	ND		0.0150		mg/Kg		09/22/23 10:27	09/22/23 13:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*09/22/23 10: 27*	*09/22/23 13: 08*	*1*

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: MB 620-27079/3-A
Matrix: Solid
Analysis Batch: 27080

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27079

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		70 - 130	09/22/23 10:27	09/22/23 13:08	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 130	09/22/23 10:27	09/22/23 13:08	1
Dibromofluoromethane (Surr)	109		70 - 130	09/22/23 10:27	09/22/23 13:08	1

Lab Sample ID: LCS 620-27079/1-A
Matrix: Solid
Analysis Batch: 27080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27079

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.02071		mg/Kg		104	70 - 130
Acetone	0.0200	0.02078	J	mg/Kg		104	70 - 130
Acrylonitrile	0.0200	0.01837		mg/Kg		92	70 - 130
Benzene	0.0200	0.01847		mg/Kg		92	70 - 130
Bromobenzene	0.0200	0.02267		mg/Kg		113	70 - 130
Bromochloromethane	0.0200	0.02035		mg/Kg		102	70 - 130
Bromodichloromethane	0.0200	0.02092		mg/Kg		105	70 - 130
Bromoform	0.0200	0.02529		mg/Kg		126	70 - 130
Bromomethane	0.0200	0.02279		mg/Kg		114	70 - 130
2-Butanone (MEK)	0.0200	0.01867		mg/Kg		93	70 - 130
2-Chlorotoluene	0.0200	0.02226		mg/Kg		111	70 - 130
n-Butylbenzene	0.0200	0.01939		mg/Kg		97	70 - 130
sec-Butylbenzene	0.0200	0.02230		mg/Kg		112	70 - 130
tert-Butylbenzene	0.0200	0.02238		mg/Kg		112	70 - 130
Carbon disulfide	0.0200	0.01977		mg/Kg		99	70 - 130
Carbon tetrachloride	0.0200	0.02262		mg/Kg		113	70 - 130
Chlorobenzene	0.0200	0.02023		mg/Kg		101	70 - 130
Chloroethane	0.0200	0.02060		mg/Kg		103	70 - 130
Chloroform	0.0200	0.02071		mg/Kg		104	70 - 130
Chloromethane	0.0200	0.02186		mg/Kg		109	70 - 130
4-Chlorotoluene	0.0200	0.02202		mg/Kg		110	70 - 130
1,2-Dibromo-3-Chloropropane	0.0200	0.02106		mg/Kg		105	70 - 130
Dibromochloromethane	0.0200	0.02215		mg/Kg		111	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.01967		mg/Kg		98	70 - 130
Dibromomethane	0.0200	0.01952		mg/Kg		98	70 - 130
1,2-Dichlorobenzene	0.0200	0.02072		mg/Kg		104	70 - 130
1,3-Dichlorobenzene	0.0200	0.02351		mg/Kg		118	70 - 130
1,4-Dichlorobenzene	0.0200	0.02047		mg/Kg		102	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.03788	*+	mg/Kg		189	70 - 130
1,1-Dichloroethane	0.0200	0.01873		mg/Kg		94	70 - 130
1,2-Dichloroethane	0.0200	0.02110		mg/Kg		106	70 - 130
1,1-Dichloroethene	0.0200	0.01920		mg/Kg		96	70 - 130
cis-1,2-Dichloroethene	0.0200	0.01811		mg/Kg		91	70 - 130
trans-1,2-Dichloroethene	0.0200	0.01825		mg/Kg		91	70 - 130
1,2-Dichloropropane	0.0200	0.01720		mg/Kg		86	70 - 130
1,3-Dichloropropane	0.0200	0.01904		mg/Kg		95	70 - 130
2,2-Dichloropropane	0.0200	0.02074		mg/Kg		104	70 - 130
1,1-Dichloropropene	0.0200	0.01877		mg/Kg		94	70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCS 620-27079/1-A
Matrix: Solid
Analysis Batch: 27080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27079

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	0.0200	0.01795		mg/Kg		90	70 - 130
trans-1,3-Dichloropropene	0.0200	0.02091		mg/Kg		105	70 - 130
Ethylbenzene	0.0200	0.02046		mg/Kg		102	70 - 130
Hexachlorobutadiene	0.0200	0.02301		mg/Kg		115	70 - 130
2-Hexanone (MBK)	0.0200	0.01486		mg/Kg		74	70 - 130
Isopropylbenzene	0.0200	0.02151		mg/Kg		108	70 - 130
4-Isopropyltoluene	0.0200	0.02051		mg/Kg		103	70 - 130
Methyl tert-butyl ether	0.0200	0.01883		mg/Kg		94	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0200	0.01753		mg/Kg		88	70 - 130
Methylene Chloride	0.0200	0.01933		mg/Kg		97	70 - 130
Naphthalene	0.0200	0.01674		mg/Kg		84	70 - 130
N-Propylbenzene	0.0200	0.02135		mg/Kg		107	70 - 130
Styrene	0.0200	0.02150		mg/Kg		107	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.02309		mg/Kg		115	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.02027		mg/Kg		101	70 - 130
Tetrachloroethene	0.0200	0.02152		mg/Kg		108	70 - 130
Toluene	0.0200	0.01880		mg/Kg		94	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.02123		mg/Kg		106	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.02287		mg/Kg		114	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.02122		mg/Kg		106	70 - 130
1,1,1-Trichloroethane	0.0200	0.02211		mg/Kg		111	70 - 130
1,1,2-Trichloroethane	0.0200	0.01934		mg/Kg		97	70 - 130
Trichloroethene	0.0200	0.02019		mg/Kg		101	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.02374		mg/Kg		119	70 - 130
1,2,3-Trichloropropane	0.0200	0.02170		mg/Kg		108	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.02277		mg/Kg		114	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.02257		mg/Kg		113	70 - 130
Vinyl chloride	0.0200	0.01936		mg/Kg		97	70 - 130
m,p-Xylene	0.0200	0.02075		mg/Kg		104	70 - 130
o-Xylene	0.0200	0.02067		mg/Kg		103	70 - 130
Tetrahydrofuran	0.0200	0.01395		mg/Kg		70	70 - 130
Ethyl ether	0.0200	0.01791		mg/Kg		90	70 - 130
Tert-amyl methyl ether	0.0200	0.01842		mg/Kg		92	70 - 130
Ethyl tert-butyl ether	0.0200	0.01782		mg/Kg		89	70 - 130
di-Isopropyl ether	0.0200	0.01631		mg/Kg		82	70 - 130
tert-Butanol	0.200	0.1834		mg/Kg		92	70 - 130
1,4-Dioxane	0.200	0.1525		mg/Kg		76	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.02111	J	mg/Kg		106	70 - 130
Ethanol	0.400	0.3822	J	mg/Kg		96	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 130*
Dibromofluoromethane (Surr)	*110*		*70 - 130*

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-27079/2-A
Matrix: Solid
Analysis Batch: 27080

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27079

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0200	0.01902		mg/Kg		95	70 - 130	9	30
Acetone	0.0200	0.01895	J	mg/Kg		95	70 - 130	9	30
Acrylonitrile	0.0200	0.01718		mg/Kg		86	70 - 130	7	30
Benzene	0.0200	0.01723		mg/Kg		86	70 - 130	7	30
Bromobenzene	0.0200	0.02029		mg/Kg		101	70 - 130	11	30
Bromochloromethane	0.0200	0.01914		mg/Kg		96	70 - 130	6	30
Bromodichloromethane	0.0200	0.01915		mg/Kg		96	70 - 130	9	30
Bromoform	0.0200	0.02269		mg/Kg		113	70 - 130	11	30
Bromomethane	0.0200	0.02034		mg/Kg		102	70 - 130	11	30
2-Butanone (MEK)	0.0200	0.01698		mg/Kg		85	70 - 130	9	30
2-Chlorotoluene	0.0200	0.01982		mg/Kg		99	70 - 130	12	30
n-Butylbenzene	0.0200	0.01726		mg/Kg		86	70 - 130	12	30
sec-Butylbenzene	0.0200	0.01973		mg/Kg		99	70 - 130	12	30
tert-Butylbenzene	0.0200	0.01966		mg/Kg		98	70 - 130	13	30
Carbon disulfide	0.0200	0.01846		mg/Kg		92	70 - 130	7	30
Carbon tetrachloride	0.0200	0.02086		mg/Kg		104	70 - 130	8	30
Chlorobenzene	0.0200	0.01834		mg/Kg		92	70 - 130	10	30
Chloroethane	0.0200	0.01897		mg/Kg		95	70 - 130	8	30
Chloroform	0.0200	0.01926		mg/Kg		96	70 - 130	7	30
Chloromethane	0.0200	0.02008		mg/Kg		100	70 - 130	9	30
4-Chlorotoluene	0.0200	0.01948		mg/Kg		97	70 - 130	12	30
1,2-Dibromo-3-Chloropropane	0.0200	0.02033		mg/Kg		102	70 - 130	4	30
Dibromochloromethane	0.0200	0.02000		mg/Kg		100	70 - 130	10	30
1,2-Dibromoethane (EDB)	0.0200	0.01847		mg/Kg		92	70 - 130	6	30
Dibromomethane	0.0200	0.01819		mg/Kg		91	70 - 130	7	30
1,2-Dichlorobenzene	0.0200	0.01897		mg/Kg		95	70 - 130	9	30
1,3-Dichlorobenzene	0.0200	0.02061		mg/Kg		103	70 - 130	13	30
1,4-Dichlorobenzene	0.0200	0.01823		mg/Kg		91	70 - 130	12	30
Dichlorodifluoromethane (Freon 12)	0.0200	0.03399	*+	mg/Kg		170	70 - 130	11	30
1,1-Dichloroethane	0.0200	0.01734		mg/Kg		87	70 - 130	8	30
1,2-Dichloroethane	0.0200	0.01963		mg/Kg		98	70 - 130	7	30
1,1-Dichloroethene	0.0200	0.01853		mg/Kg		93	70 - 130	4	30
cis-1,2-Dichloroethene	0.0200	0.01704		mg/Kg		85	70 - 130	6	30
trans-1,2-Dichloroethene	0.0200	0.01758		mg/Kg		88	70 - 130	4	30
1,2-Dichloropropane	0.0200	0.01619		mg/Kg		81	70 - 130	6	30
1,3-Dichloropropane	0.0200	0.01755		mg/Kg		88	70 - 130	8	30
2,2-Dichloropropane	0.0200	0.01926		mg/Kg		96	70 - 130	7	30
1,1-Dichloropropene	0.0200	0.01736		mg/Kg		87	70 - 130	8	30
cis-1,3-Dichloropropene	0.0200	0.01690		mg/Kg		85	70 - 130	6	30
trans-1,3-Dichloropropene	0.0200	0.01866		mg/Kg		93	70 - 130	11	30
Ethylbenzene	0.0200	0.01860		mg/Kg		93	70 - 130	10	30
Hexachlorobutadiene	0.0200	0.02167		mg/Kg		108	70 - 130	6	30
2-Hexanone (MBK)	0.0200	0.01509		mg/Kg		75	70 - 130	2	30
Isopropylbenzene	0.0200	0.01950		mg/Kg		98	70 - 130	10	30
4-Isopropyltoluene	0.0200	0.01826		mg/Kg		91	70 - 130	12	30
Methyl tert-butyl ether	0.0200	0.01782		mg/Kg		89	70 - 130	6	30
4-Methyl-2-pentanone (MIBK)	0.0200	0.01661		mg/Kg		83	70 - 130	5	30

QC Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

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

Lab Sample ID: LCSD 620-27079/2-A
Matrix: Solid
Analysis Batch: 27080

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27079

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylene Chloride			0.0200	0.01859		mg/Kg		93	70 - 130	4	30
Naphthalene			0.0200	0.01743		mg/Kg		87	70 - 130	4	30
N-Propylbenzene			0.0200	0.01896		mg/Kg		95	70 - 130	12	30
Styrene			0.0200	0.01908		mg/Kg		95	70 - 130	12	30
1,1,1,2-Tetrachloroethane			0.0200	0.02028		mg/Kg		101	70 - 130	13	30
1,1,2,2-Tetrachloroethane			0.0200	0.01883		mg/Kg		94	70 - 130	7	30
Tetrachloroethene			0.0200	0.01996		mg/Kg		100	70 - 130	8	30
Toluene			0.0200	0.01758		mg/Kg		88	70 - 130	7	30
1,2,3-Trichlorobenzene			0.0200	0.02120		mg/Kg		106	70 - 130	0	30
1,2,4-Trichlorobenzene			0.0200	0.02181		mg/Kg		109	70 - 130	5	30
1,3,5-Trichlorobenzene			0.0200	0.01967		mg/Kg		98	70 - 130	8	30
1,1,1-Trichloroethane			0.0200	0.02035		mg/Kg		102	70 - 130	8	30
1,1,2-Trichloroethane			0.0200	0.01764		mg/Kg		88	70 - 130	9	30
Trichloroethene			0.0200	0.01803		mg/Kg		90	70 - 130	11	30
Trichlorofluoromethane (Freon 11)			0.0200	0.02151		mg/Kg		108	70 - 130	10	30
1,2,3-Trichloropropane			0.0200	0.01969		mg/Kg		98	70 - 130	10	30
1,2,4-Trimethylbenzene			0.0200	0.02005		mg/Kg		100	70 - 130	13	30
1,3,5-Trimethylbenzene			0.0200	0.02010		mg/Kg		100	70 - 130	12	30
Vinyl chloride			0.0200	0.01773		mg/Kg		89	70 - 130	9	30
m,p-Xylene			0.0200	0.01872		mg/Kg		94	70 - 130	10	30
o-Xylene			0.0200	0.01875		mg/Kg		94	70 - 130	10	30
Tetrahydrofuran			0.0200	0.01483		mg/Kg		74	70 - 130	6	30
Ethyl ether			0.0200	0.01722		mg/Kg		86	70 - 130	4	30
Tert-amyl methyl ether			0.0200	0.01722		mg/Kg		86	70 - 130	7	30
Ethyl tert-butyl ether			0.0200	0.01643		mg/Kg		82	70 - 130	8	30
di-Isopropyl ether			0.0200	0.01529		mg/Kg		76	70 - 130	6	30
tert-Butanol			0.200	0.1790		mg/Kg		89	70 - 130	2	30
1,4-Dioxane			0.200	0.1716		mg/Kg		86	70 - 130	12	30
trans-1,4-Dichloro-2-butene			0.0200	0.01932	J	mg/Kg		97	70 - 130	9	30
Ethanol			0.400	0.3829	J	mg/Kg		96	70 - 130	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 130*
Dibromofluoromethane (Surr)	*111*		*70 - 130*

Method: Moisture - Percent Moisture

Lab Sample ID: 620-13980-4 DU
Matrix: Solid
Analysis Batch: 26983

Client Sample ID: CS-23S (9.5)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	8.3			9.1	F3	%				9	5
Percent Solids	91.7			90.9		%				0.9	5

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA

Pre Prep Batch: 26911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13980-1	CS-22D (10.5)	Total/NA	Solid	Frozen Preserve	
620-13980-2	CS-22S (9.5)	Total/NA	Solid	Frozen Preserve	
620-13980-3	CS-23D (10.5)	Total/NA	Solid	Frozen Preserve	
620-13980-4	CS-23S (9.5)	Total/NA	Solid	Frozen Preserve	
620-13980-5	CS-24D (10.5)	Total/NA	Solid	Frozen Preserve	
620-13980-6	CS-24S (9.5)	Total/NA	Solid	Frozen Preserve	
620-13980-7	CS-25D (10.5)	Total/NA	Solid	Frozen Preserve	
620-13980-8	CS-25S (9.5)	Total/NA	Solid	Frozen Preserve	

Prep Batch: 26976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13980-1	CS-22D (10.5)	Total/NA	Solid	5035	26911
620-13980-2	CS-22S (9.5)	Total/NA	Solid	5035	26911
620-13980-3	CS-23D (10.5)	Total/NA	Solid	5035	26911
620-13980-4	CS-23S (9.5)	Total/NA	Solid	5035	26911
MB 620-26976/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-26976/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-26976/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 26977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13980-1	CS-22D (10.5)	Total/NA	Solid	8260C	26976
620-13980-2	CS-22S (9.5)	Total/NA	Solid	8260C	26976
620-13980-3	CS-23D (10.5)	Total/NA	Solid	8260C	26976
620-13980-4	CS-23S (9.5)	Total/NA	Solid	8260C	26976
MB 620-26976/3-A	Method Blank	Total/NA	Solid	8260C	26976
LCS 620-26976/1-A	Lab Control Sample	Total/NA	Solid	8260C	26976
LCSD 620-26976/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	26976

Analysis Batch: 27018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 620-27038/3-A	Method Blank	Total/NA	Solid	8260C	27038
LCS 620-27038/1-A	Lab Control Sample	Total/NA	Solid	8260C	27038
LCSD 620-27038/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	27038

Prep Batch: 27038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 620-27038/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-27038/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-27038/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 27079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13980-5	CS-24D (10.5)	Total/NA	Solid	5035	26911
620-13980-6	CS-24S (9.5)	Total/NA	Solid	5035	26911

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

GC/MS VOA (Continued)

Prep Batch: 27079 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13980-7	CS-25D (10.5)	Total/NA	Solid	5035	26911
620-13980-8	CS-25S (9.5)	Total/NA	Solid	5035	26911
MB 620-27079/3-A	Method Blank	Total/NA	Solid	5035	
LCS 620-27079/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 620-27079/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 27080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13980-5	CS-24D (10.5)	Total/NA	Solid	8260C	27079
620-13980-6	CS-24S (9.5)	Total/NA	Solid	8260C	27079
620-13980-7	CS-25D (10.5)	Total/NA	Solid	8260C	27079
620-13980-8	CS-25S (9.5)	Total/NA	Solid	8260C	27079
MB 620-27079/3-A	Method Blank	Total/NA	Solid	8260C	27079
LCS 620-27079/1-A	Lab Control Sample	Total/NA	Solid	8260C	27079
LCSD 620-27079/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	27079

General Chemistry

Analysis Batch: 26983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13980-1	CS-22D (10.5)	Total/NA	Solid	Moisture	
620-13980-2	CS-22S (9.5)	Total/NA	Solid	Moisture	
620-13980-3	CS-23D (10.5)	Total/NA	Solid	Moisture	
620-13980-4	CS-23S (9.5)	Total/NA	Solid	Moisture	
620-13980-5	CS-24D (10.5)	Total/NA	Solid	Moisture	
620-13980-6	CS-24S (9.5)	Total/NA	Solid	Moisture	
620-13980-7	CS-25D (10.5)	Total/NA	Solid	Moisture	
620-13980-8	CS-25S (9.5)	Total/NA	Solid	Moisture	
620-13980-4 DU	CS-23S (9.5)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-22D (10.5) — **Lab Sample ID: 620-13980-1**
Date Collected: 09/15/23 11:20 — **Matrix: Solid**
Date Received: 09/18/23 16:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26983	ODO	EET NE	09/20/23 12:06

Client Sample ID: CS-22D (10.5) — **Lab Sample ID: 620-13980-1**
Date Collected: 09/15/23 11:20 — **Matrix: Solid**
Date Received: 09/18/23 16:38 — **Percent Solids: 89.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26911	KFS	EET NE	09/15/23 18:00
Total/NA	Prep	5035			26976	CLR	EET NE	09/20/23 10:34
Total/NA	Analysis	8260C		1	26977	CLR	EET NE	09/20/23 19:29

Client Sample ID: CS-22S (9.5) — **Lab Sample ID: 620-13980-2**
Date Collected: 09/15/23 11:30 — **Matrix: Solid**
Date Received: 09/18/23 16:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26983	ODO	EET NE	09/20/23 12:06

Client Sample ID: CS-22S (9.5) — **Lab Sample ID: 620-13980-2**
Date Collected: 09/15/23 11:30 — **Matrix: Solid**
Date Received: 09/18/23 16:38 — **Percent Solids: 89.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26911	KFS	EET NE	09/15/23 18:00
Total/NA	Prep	5035			26976	CLR	EET NE	09/20/23 10:34
Total/NA	Analysis	8260C		1	26977	CLR	EET NE	09/20/23 19:55

Client Sample ID: CS-23D (10.5) — **Lab Sample ID: 620-13980-3**
Date Collected: 09/15/23 11:40 — **Matrix: Solid**
Date Received: 09/18/23 16:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26983	ODO	EET NE	09/20/23 12:06

Client Sample ID: CS-23D (10.5) — **Lab Sample ID: 620-13980-3**
Date Collected: 09/15/23 11:40 — **Matrix: Solid**
Date Received: 09/18/23 16:38 — **Percent Solids: 91.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26911	KFS	EET NE	09/15/23 18:00
Total/NA	Prep	5035			26976	CLR	EET NE	09/20/23 10:34
Total/NA	Analysis	8260C		1	26977	CLR	EET NE	09/20/23 20:20

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-23S (9.5)
Lab Sample ID: 620-13980-4
Date Collected: 09/15/23 11:50
Matrix: Solid
Date Received: 09/18/23 16:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26983	ODO	EET NE	09/20/23 12:06

Client Sample ID: CS-23S (9.5)
Lab Sample ID: 620-13980-4
Date Collected: 09/15/23 11:50
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26911	KFS	EET NE	09/15/23 18:00
Total/NA	Prep	5035			26976	CLR	EET NE	09/20/23 10:34
Total/NA	Analysis	8260C		1	26977	CLR	EET NE	09/20/23 20:45

Client Sample ID: CS-24D (10.5)
Lab Sample ID: 620-13980-5
Date Collected: 09/15/23 12:00
Matrix: Solid
Date Received: 09/18/23 16:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26983	ODO	EET NE	09/20/23 12:06

Client Sample ID: CS-24D (10.5)
Lab Sample ID: 620-13980-5
Date Collected: 09/15/23 12:00
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 92.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26911	KFS	EET NE	09/15/23 18:00
Total/NA	Prep	5035			27079	CLR	EET NE	09/22/23 10:27
Total/NA	Analysis	8260C		1	27080	CLR	EET NE	09/22/23 14:19

Client Sample ID: CS-24S (9.5)
Lab Sample ID: 620-13980-6
Date Collected: 09/15/23 12:10
Matrix: Solid
Date Received: 09/18/23 16:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26983	ODO	EET NE	09/20/23 12:06

Client Sample ID: CS-24S (9.5)
Lab Sample ID: 620-13980-6
Date Collected: 09/15/23 12:10
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26911	KFS	EET NE	09/15/23 18:00
Total/NA	Prep	5035			27079	CLR	EET NE	09/22/23 10:27
Total/NA	Analysis	8260C		1	27080	CLR	EET NE	09/22/23 14:44

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Client Sample ID: CS-25D (10.5)
Lab Sample ID: 620-13980-7
Date Collected: 09/15/23 12:20
Matrix: Solid
Date Received: 09/18/23 16:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26983	ODO	EET NE	09/20/23 12:06

Client Sample ID: CS-25D (10.5)
Lab Sample ID: 620-13980-7
Date Collected: 09/15/23 12:20
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26911	KFS	EET NE	09/15/23 18:00
Total/NA	Prep	5035			27079	CLR	EET NE	09/22/23 10:27
Total/NA	Analysis	8260C		1	27080	CLR	EET NE	09/22/23 15:10

Client Sample ID: CS-25S (9.5)
Lab Sample ID: 620-13980-8
Date Collected: 09/15/23 12:30
Matrix: Solid
Date Received: 09/18/23 16:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26983	ODO	EET NE	09/20/23 12:06

Client Sample ID: CS-25S (9.5)
Lab Sample ID: 620-13980-8
Date Collected: 09/15/23 12:30
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26911	KFS	EET NE	09/15/23 18:00
Total/NA	Prep	5035			27079	CLR	EET NE	09/22/23 10:27
Total/NA	Analysis	8260C		1	27080	CLR	EET NE	09/22/23 15:35

Laboratory References:
EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England

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

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0722	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	1,1,1,2-Tetrachloroethane
8260C	5035	Solid	1,1,1-Trichloroethane
8260C	5035	Solid	1,1,2,2-Tetrachloroethane
8260C	5035	Solid	1,1,2-Trichloroethane
8260C	5035	Solid	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C	5035	Solid	1,1-Dichloroethane
8260C	5035	Solid	1,1-Dichloroethene
8260C	5035	Solid	1,1-Dichloropropene
8260C	5035	Solid	1,2,3-Trichlorobenzene
8260C	5035	Solid	1,2,3-Trichloropropane
8260C	5035	Solid	1,2,4-Trichlorobenzene
8260C	5035	Solid	1,2,4-Trimethylbenzene
8260C	5035	Solid	1,2-Dibromo-3-Chloropropane
8260C	5035	Solid	1,2-Dibromoethane (EDB)
8260C	5035	Solid	1,2-Dichlorobenzene
8260C	5035	Solid	1,2-Dichloroethane
8260C	5035	Solid	1,2-Dichloropropane
8260C	5035	Solid	1,3,5-Trichlorobenzene
8260C	5035	Solid	1,3,5-Trimethylbenzene
8260C	5035	Solid	1,3-Dichlorobenzene
8260C	5035	Solid	1,3-Dichloropropane
8260C	5035	Solid	1,3-Dichloropropene, Total
8260C	5035	Solid	1,4-Dichlorobenzene
8260C	5035	Solid	1,4-Dioxane
8260C	5035	Solid	2,2-Dichloropropane
8260C	5035	Solid	2-Butanone (MEK)
8260C	5035	Solid	2-Chlorotoluene
8260C	5035	Solid	2-Hexanone (MBK)
8260C	5035	Solid	4-Chlorotoluene
8260C	5035	Solid	4-Isopropyltoluene
8260C	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260C	5035	Solid	Acetone
8260C	5035	Solid	Acrylonitrile
8260C	5035	Solid	Benzene
8260C	5035	Solid	Bromobenzene
8260C	5035	Solid	Bromochloromethane
8260C	5035	Solid	Bromodichloromethane
8260C	5035	Solid	Bromoform
8260C	5035	Solid	Bromomethane
8260C	5035	Solid	Carbon disulfide
8260C	5035	Solid	Carbon tetrachloride
8260C	5035	Solid	Chlorobenzene
8260C	5035	Solid	Chloroethane
8260C	5035	Solid	Chloroform
8260C	5035	Solid	Chloromethane

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Laboratory: Eurofins New England (Continued)

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

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	cis-1,2-Dichloroethene
8260C	5035	Solid	cis-1,3-Dichloropropene
8260C	5035	Solid	Dibromochloromethane
8260C	5035	Solid	Dibromomethane
8260C	5035	Solid	Dichlorodifluoromethane (Freon 12)
8260C	5035	Solid	di-Isopropyl ether
8260C	5035	Solid	Ethanol
8260C	5035	Solid	Ethyl ether
8260C	5035	Solid	Ethyl tert-butyl ether
8260C	5035	Solid	Ethylbenzene
8260C	5035	Solid	Hexachlorobutadiene
8260C	5035	Solid	Isopropylbenzene
8260C	5035	Solid	m,p-Xylene
8260C	5035	Solid	Methyl tert-butyl ether
8260C	5035	Solid	Methylene Chloride
8260C	5035	Solid	Naphthalene
8260C	5035	Solid	n-Butylbenzene
8260C	5035	Solid	N-Propylbenzene
8260C	5035	Solid	o-Xylene
8260C	5035	Solid	sec-Butylbenzene
8260C	5035	Solid	Styrene
8260C	5035	Solid	Tert-amyl methyl ether
8260C	5035	Solid	tert-Butanol
8260C	5035	Solid	tert-Butylbenzene
8260C	5035	Solid	Tetrachloroethene
8260C	5035	Solid	Tetrahydrofuran
8260C	5035	Solid	Toluene
8260C	5035	Solid	trans-1,2-Dichloroethene
8260C	5035	Solid	trans-1,3-Dichloropropene
8260C	5035	Solid	trans-1,4-Dichloro-2-butene
8260C	5035	Solid	Trichloroethene
8260C	5035	Solid	Trichlorofluoromethane (Freon 11)
8260C	5035	Solid	Vinyl chloride
8260C	5035	Solid	Xylenes, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13980-1
Project/Site: Eversource Madison CT Area Work Center -

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-13980-1	CS-22D (10.5)	Solid	09/15/23 11:20	09/18/23 16:38
620-13980-2	CS-22S (9.5)	Solid	09/15/23 11:30	09/18/23 16:38
620-13980-3	CS-23D (10.5)	Solid	09/15/23 11:40	09/18/23 16:38
620-13980-4	CS-23S (9.5)	Solid	09/15/23 11:50	09/18/23 16:38
620-13980-5	CS-24D (10.5)	Solid	09/15/23 12:00	09/18/23 16:38
620-13980-6	CS-24S (9.5)	Solid	09/15/23 12:10	09/18/23 16:38
620-13980-7	CS-25D (10.5)	Solid	09/15/23 12:20	09/18/23 16:38
620-13980-8	CS-25S (9.5)	Solid	09/15/23 12:30	09/18/23 16:38

13980

620-13980 Chain of Custody

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TEST PIT-D

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 5-day

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: GES
100 Sebethe Drive
Unit 8-A
Cromwell, CT 06416
Telephone #: 866-839-5195 ext. 3839
Project Mgr: Michael DeGloria

Invoice To: GES via e-invoice
ges-invoices@gesonline.com
P O No: Quote #:

Project No:
Site Name: Eversource Madison AWC
Location: 135 New Road State: CT
Sampler(s):

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1= X2= X3=

G= Grab C=Composite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs via 8260C	Check if chlorinated
-1	CS-22D (10.5)	9-15-23	1120	G	SO	3			1	X	☐
-2	CS-22S (9.5)	"	1130	"	"	"			1	X	☐
-3	CS-23D (10.5)	"	1140	"	"	"			"	X	☐
-4	CS-23S (9.5)	"	1150	"	"	"			"	X	☐
-5	CS-24D (10.5)	"	1200	"	"	"			"	X	☐
-6	CS-24S (9.5)	"	1210	"	"	"			"	X	☐
-7	CS-25D (10.5)	"	1220	"	"	"			"	X	☐
-8	CS-25S (9.5)	↓	1230	↓	↓	↓			↓	X	☐
											☐
											☐

List Preservative Code below:

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
☑ Standard ☐ No QC
☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp °C
	GES FRIDGE	9-15-23	1800	Observed 0.8
		9-16-23	1120	Correction Factor +0.2
		9/18/23	16:30	Corrected 1.0

Sample Shipping Address: 126 Myron Street • West Springfield, MA 01089 • 413-789-9018
Lab Address: 646 Camp Ave • North Kingstown, RI 02852
www.EurofinsUS.com/Spectrum

☐ EDD format:
☑ E-mail to: GESInbox@gesonline.com, mdegloria@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☑ DI VOA Frozen ☑ Soil Jar Frozen

Rev. Jan 2020

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-13980-1

Login Number: 13980
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

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

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Michael DeGloria
Groundwater & Environmental Services Inc
100 Sebethe Drive
Unit A8
Cromwell, Connecticut 06416

Generated 9/22/2023 12:22:03 PM

JOB DESCRIPTION

Eversource Madison CT Area Work Center

JOB NUMBER

620-13981-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

See page two for job notes and contact information.

my EOL

Eurofins New England

Job Notes

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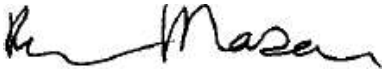
The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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9/22/2023 12:22:03 PM

Authorized for release by
Becky Mason, Project Manager II
Becky.Mason@et.eurofinsus.com
Designee for
Agnes Huntley, Project Manager
Agnes.Huntley@et.eurofinsus.com
(401)372-3482

Table of Contents

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Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13981-1
Project/Site: Eversource Madison CT Area Work Center

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Eurofins New England

Client: Groundwater & Environmental Services Inc

Project Location: Eversource Madison CT Area Work Center

Project Number: 620-13981-1

Laboratory Sample ID(s): 620-13981-1, 620-13981-2

Sampling Date(s): 09/15/2023

List RCP Methods Used: 8260C

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Resonable Confidence Protocol documents?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑Yes ☐No ☐ See case narrative
1B	*VPH and EPH Methods only:* Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☑Yes ☐No ☐ See case narrative
3	Were samples received at an appropriate temperature (<6° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑Yes ☐No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑Yes ☐No ☐ See case narrative ☑Yes ☐No ☐N/A ☐ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

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.

Authorized Signature: _____ Position: Project Manager II

Printed Name: Becky Mason Date: 09/22/2023

Name of Laboratory: Eurofins New England

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Case Narrative

Client: Groundwater & Environmental Services Inc
Job ID: 620-13981-1
Project/Site: Eversource Madison CT Area Work Center

Job ID: 620-13981-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-13981-1

Receipt
The samples were received on 9/18/2023 4:38 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.0º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 620-27018 exhibited % difference of > 20% for the following analytes: Tetrahydrofuran; however, the results of the LCS were within the CCV acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 20% difference from the initial calibration. According to the laboratory standard operating procedure, the LCS is acceptable if it meets the CCV acceptance criteria.

Method 8260C: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analytes (biased high): Dichlorodifluoromethane. (CCVIS 620-27018/3)

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 620-26656 and 620-27038 and analytical batch 620-27018 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8260C: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 620-27018 recovered outside control limits but within 40-160% for the following analytes: Dichlorodifluoromethane. RCP protocol allows for 10% of the target compounds to be outside of the limits provided the recoveries are 40-160%. The associated samples are: (LCS 620-27038/1-A) and (LCSD 620-27038/2-A).

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

General Chemistry
Method Moisture: The sample duplicate (DUP) precision for analytical batch 620-26983 was outside control limits. Sample non-homogeneity is suspected.

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

Detection Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13981-1
Project/Site: Eversource Madison CT Area Work Center

Client Sample ID: CS-26D (12.5) **Lab Sample ID: 620-13981-1**

No Detections.

Client Sample ID: CS-26S (11.5) **Lab Sample ID: 620-13981-2**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13981-1
Project/Site: Eversource Madison CT Area Work Center

Client Sample ID: CS-26D (12.5)
Lab Sample ID: 620-13981-1
Date Collected: 09/15/23 13:25
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 91.0

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Acetone	ND		0.0467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Acrylonitrile	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Benzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Bromobenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Bromochloromethane	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Bromodichloromethane	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Bromoform	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Bromomethane	ND		0.00935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
2-Butanone (MEK)	ND		0.00935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
2-Chlorotoluene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
n-Butylbenzene	ND		0.00935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
sec-Butylbenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
tert-Butylbenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Carbon disulfide	ND		0.00935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Carbon tetrachloride	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Chlorobenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Chloroethane	ND		0.00935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Chloroform	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Chloromethane	ND		0.00935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
4-Chlorotoluene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,2-Dibromo-3-Chloropropane	ND		0.00935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Dibromochloromethane	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,2-Dibromoethane (EDB)	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Dibromomethane	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,2-Dichlorobenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,3-Dichlorobenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,4-Dichlorobenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,1-Dichloroethane	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,2-Dichloroethane	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,1-Dichloroethene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
cis-1,2-Dichloroethene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
trans-1,2-Dichloroethene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,2-Dichloropropane	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,3-Dichloropropane	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
2,2-Dichloropropane	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,1-Dichloropropene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
cis-1,3-Dichloropropene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
trans-1,3-Dichloropropene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Ethylbenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Hexachlorobutadiene	ND		0.00935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
2-Hexanone (MBK)	ND		0.00935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Isopropylbenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
4-Isopropyltoluene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Methyl tert-butyl ether	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
4-Methyl-2-pentanone (MIBK)	ND		0.00935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Methylene Chloride	ND		0.00935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Naphthalene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13981-1
Project/Site: Eversource Madison CT Area Work Center

Client Sample ID: CS-26D (12.5)
Date Collected: 09/15/23 13:25
Date Received: 09/18/23 16:38

Lab Sample ID: 620-13981-1
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Styrene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,1,1,2-Tetrachloroethane	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,1,2,2-Tetrachloroethane	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Tetrachloroethene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Toluene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,2,3-Trichlorobenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,2,4-Trichlorobenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,3,5-Trichlorobenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,1,1-Trichloroethane	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,1,2-Trichloroethane	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Trichloroethene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Trichlorofluoromethane (Freon 11)	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,2,3-Trichloropropane	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,2,4-Trimethylbenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,3,5-Trimethylbenzene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Vinyl chloride	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
m,p-Xylene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
o-Xylene	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Tetrahydrofuran	ND		0.00935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Ethyl ether	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Tert-amyl methyl ether	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Ethyl tert-butyl ether	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
di-Isopropyl ether	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
tert-Butanol	ND		0.0935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,4-Dioxane	ND		0.0935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
trans-1,4-Dichloro-2-butene	ND		0.0234		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Ethanol	ND		0.935		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
1,3-Dichloropropene, Total	ND		0.00467		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1
Xylenes, Total	ND		0.0140		mg/Kg	☼	09/21/23 09:00	09/21/23 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/21/23 09:00*	*09/21/23 13:38*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*09/21/23 09:00*	*09/21/23 13:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*	*09/21/23 09:00*	*09/21/23 13:38*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*	*09/21/23 09:00*	*09/21/23 13:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.0**		0.1		%			09/20/23 12:06	1
Percent Solids (EPA Moisture)	**91.0**		0.1		%			09/20/23 12:06	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13981-1
Project/Site: Eversource Madison CT Area Work Center

Client Sample ID: CS-26S (11.5)
Lab Sample ID: 620-13981-2
Date Collected: 09/15/23 13:40
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 89.5

Method: SW846 8260C - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Acetone	ND		0.0426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Acrylonitrile	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Benzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Bromobenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Bromochloromethane	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Bromodichloromethane	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Bromoform	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Bromomethane	ND		0.00852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
2-Butanone (MEK)	ND		0.00852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
2-Chlorotoluene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
n-Butylbenzene	ND		0.00852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
sec-Butylbenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
tert-Butylbenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Carbon disulfide	ND		0.00852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Carbon tetrachloride	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Chlorobenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Chloroethane	ND		0.00852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Chloroform	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Chloromethane	ND		0.00852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
4-Chlorotoluene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,2-Dibromo-3-Chloropropane	ND		0.00852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Dibromochloromethane	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,2-Dibromoethane (EDB)	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Dibromomethane	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,2-Dichlorobenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,3-Dichlorobenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,4-Dichlorobenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Dichlorodifluoromethane (Freon 12)	ND	*+	0.00852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,1-Dichloroethane	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,2-Dichloroethane	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,1-Dichloroethene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
cis-1,2-Dichloroethene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
trans-1,2-Dichloroethene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,2-Dichloropropane	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,3-Dichloropropane	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
2,2-Dichloropropane	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,1-Dichloropropene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
cis-1,3-Dichloropropene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
trans-1,3-Dichloropropene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Ethylbenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Hexachlorobutadiene	ND		0.00852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
2-Hexanone (MBK)	ND		0.00852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Isopropylbenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
4-Isopropyltoluene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Methyl tert-butyl ether	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
4-Methyl-2-pentanone (MIBK)	ND		0.00852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Methylene Chloride	ND		0.00852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Naphthalene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Job ID: 620-13981-1
Project/Site: Eversource Madison CT Area Work Center

Client Sample ID: CS-26S (11.5)
Lab Sample ID: 620-13981-2
Date Collected: 09/15/23 13:40
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 89.5

Method: SW846 8260C - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Styrene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,1,1,2-Tetrachloroethane	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,1,2,2-Tetrachloroethane	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Tetrachloroethene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Toluene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,2,3-Trichlorobenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,2,4-Trichlorobenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,3,5-Trichlorobenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,1,1-Trichloroethane	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,1,2-Trichloroethane	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Trichloroethene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Trichlorofluoromethane (Freon 11)	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,2,3-Trichloropropane	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,2,4-Trimethylbenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,3,5-Trimethylbenzene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Vinyl chloride	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
m,p-Xylene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
o-Xylene	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Tetrahydrofuran	ND		0.00852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Ethyl ether	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Tert-amyl methyl ether	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Ethyl tert-butyl ether	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
di-Isopropyl ether	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
tert-Butanol	ND		0.0852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,4-Dioxane	ND		0.0852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
trans-1,4-Dichloro-2-butene	ND		0.0213		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Ethanol	ND		0.852		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
1,3-Dichloropropene, Total	ND		0.00426		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1
Xylenes, Total	ND		0.0128		mg/Kg	☼	09/21/23 09:00	09/21/23 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/21/23 09:00*	*09/21/23 14:04*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*09/21/23 09:00*	*09/21/23 14:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 130*	*09/21/23 09:00*	*09/21/23 14:04*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*	*09/21/23 09:00*	*09/21/23 14:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.5**		0.1		%			09/20/23 12:06	1
Percent Solids (EPA Moisture)	**89.5**		0.1		%			09/20/23 12:06	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Eversource Madison CT Area Work Center

Job ID: 620-13981-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	TOL	DCA	DBFM
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
620-13981-1	CS-26D (12.5)	95	95	113	109
620-13981-2	CS-26S (11.5)	95	95	114	111

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Association Summary

Client: Groundwater & Environmental Services Inc
Job ID: 620-13981-1
Project/Site: Eversource Madison CT Area Work Center

GC/MS VOA

Pre Prep Batch: 26911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13981-1	CS-26D (12.5)	Total/NA	Solid	Frozen Preserve	
620-13981-2	CS-26S (11.5)	Total/NA	Solid	Frozen Preserve	

Analysis Batch: 27018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13981-1	CS-26D (12.5)	Total/NA	Solid	8260C	27038
620-13981-2	CS-26S (11.5)	Total/NA	Solid	8260C	27038

Prep Batch: 27038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13981-1	CS-26D (12.5)	Total/NA	Solid	5035	26911
620-13981-2	CS-26S (11.5)	Total/NA	Solid	5035	26911

General Chemistry

Analysis Batch: 26983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-13981-1	CS-26D (12.5)	Total/NA	Solid	Moisture	
620-13981-2	CS-26S (11.5)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Job ID: 620-13981-1
Project/Site: Eversource Madison CT Area Work Center

Client Sample ID: CS-26D (12.5)
Lab Sample ID: 620-13981-1
Date Collected: 09/15/23 13:25
Matrix: Solid
Date Received: 09/18/23 16:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26983	ODO	EET NE	09/20/23 12:06

Client Sample ID: CS-26D (12.5)
Lab Sample ID: 620-13981-1
Date Collected: 09/15/23 13:25
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26911	KFS	EET NE	09/15/23 14:00
Total/NA	Prep	5035			27038	CLR	EET NE	09/21/23 09:00
Total/NA	Analysis	8260C		1	27018	CLR	EET NE	09/21/23 13:38

Client Sample ID: CS-26S (11.5)
Lab Sample ID: 620-13981-2
Date Collected: 09/15/23 13:40
Matrix: Solid
Date Received: 09/18/23 16:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	26983	ODO	EET NE	09/20/23 12:06

Client Sample ID: CS-26S (11.5)
Lab Sample ID: 620-13981-2
Date Collected: 09/15/23 13:40
Matrix: Solid
Date Received: 09/18/23 16:38
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Pre Prep	Frozen Preserve			26911	KFS	EET NE	09/15/23 14:00
Total/NA	Prep	5035			27038	CLR	EET NE	09/21/23 09:00
Total/NA	Analysis	8260C		1	27018	CLR	EET NE	09/21/23 14:04

Laboratory References:
EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Eversource Madison CT Area Work Center

Job ID: 620-13981-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds (GC/MS)	SW846	EET NE
Moisture	Percent Moisture	EPA	EET NE
5035	Closed System Purge and Trap	SW846	EET NE
Frozen Preserve	Freezing Samples	None	EET NE

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Eversource Madison CT Area Work Center

Job ID: 620-13981-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-13981-1	CS-26D (12.5)	Solid	09/15/23 13:25	09/18/23 16:38
620-13981-2	CS-26S (11.5)	Solid	09/15/23 13:40	09/18/23 16:38

13981

TEST PIT-E

620-13981 Chain of Custody

'ment Testing
ngland

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 5-day

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: GES
100 Sebethe Drive
Unit 8-A
Cromwell, CT 06416
Telephone # 866-839-5195 ext. 3839
Project Mgr Michael DeGloria

Invoice To: GES via e-invoice
ges-invoices@gesonline.com
P O No. ____ Quote # ____

Project No 15037708-3401-500
Site Name Eversource Madison AWC
Location. 135 New Road State. CT
Sampler(s) DUNCUSTER

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=____ 12=____

List Preservative Code below:

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=____ X2=____ X3=____

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs via 8260C	Check if chlorinated
-1 - 6HCl 9/18	CS-26D (12.5)	9.15.23	1325	G	SO	3			1	X	☐
-2 - no	CS-26S (11.5)	↓	1340	G	SO	3			1	X	☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☑ Yes ☐ No
- ☑ Standard ☐ No QC
- ☐ DQA*
- ☐ ASP A* ☐ ASP B*
- ☐ NJ Reduced* ☐ NJ Full*
- ☐ Tier II* ☐ Tier IV*
- ☐ Other
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp °C
	GES FRIDGE	9-15-23	1800	Observed 0.8
		9-18-23	1120	Correction Factor 0.2
		9/18/23	16:38	Corrected 1.0

☐ EDD format:
☑ E-mail to: GESInbox@gesonline.com, mdegloria@gesonline.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☑ DI VOA Frozen ☑ Soil Jar Frozen

Sample Shipping Address: 126 Myron Street - West Springfield, MA 01089 - 413-789-9018
Lab Address: 646 Camp Ave - North Kingstown, RI 02852
www.EurofinsUS.com/Spectrum

Rev. Jan 2020

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 620-13981-1

Login Number: 13981
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

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

Appendix D – Photographic Log

Photograph Log

Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	1
Date:	06/19/2023
Direction:	From North towards South

Comments:

Area A, Cell #1: Lifting asphalt from first two cells



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	2
Date:	06/19/2023
Direction:	North

Comments:

Groundwater recovery and treatment system equipment removal



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	3
Date:	6/20/2023
Direction:	SE

Comments:

Groundwater recovery and treatment system shed removal



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	4
Date:	6/21/2023
Direction:	West

Comments:

Example test pit for soil reuse & waste classification sampling



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	5
Date:	6/21/2023
Direction:	NW

Comments:

Area A, Cell #1 partial excavation to 9 feet below grade



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	6
Date:	6/27/2023
Direction:	NW

Comments:

Area A, Cell #1 excavation, stained soils > 9 feet below grade



Photograph Log

Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	7
Date:	6/27/2023
Direction:	

Comments:

Area A, Cell #1 excavation, removal of former UST anchor and impacted soil at depth (approximately12 feet below grade).



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	8
Date:	6/30/2023
Direction:	W

Comments:

Area A, Cell #1 sump set to remove rainwater



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	9
Date:	7/6/2023
Direction:	SW

Comments:

Area A, Cell #1 showing partial backfill



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	10
Date:	7/10/2023
Direction:	West

Comments:

Area A, Cell #1: Placing filter fabric over ¾ inch washed stone backfill



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	11
Date:	7/10/2023
Direction:	NW

Comments:

Area A, Cell #1: Backfill & compaction



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	12
Date:	7/11/2023
Direction:	NW

Comments:

Area A, Cell #2: Begin cell 2 excavation



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	13
Date:	7/13/2023
Direction:	SE

Comments:

Area A, Cell #2: Advancing cell 2 excavation



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	14
Date:	7/17/2023
Direction:	NW

Comments:

Area A, Cell #2: Advancing cell 2 towards the SW. Cell 1 backfilled to grade



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	15
Date:	7/19/2023
Direction:	NW

Comments:

Area A, Cell #2: Advancing towards the southwest



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	16
Date:	7/20/2023
Direction:	NW

Comments:

Area A, Cell #2: excavation to bedrock



Photograph Log

Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	17
Date:	7/20/2023
Direction:	SW

Comments:

Area A, Cell #2: backfill in foreground and nearing SW extent of cell 2. Bedrock visible.



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	18
Date:	7/26/2023
Direction:	North

Comments:

Area A, Cell #2: leveling ¾ inch stone at approximately 9 feet below grade



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	19
Date:	7/26/2023
Direction:	SW

Comments:

Area A, Cell #2: filter fabric placed at approximately 9 feet below grade



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	20
Date:	7/26/2023
Direction:	

Comments:

Area A, Cell #3: initiate removal of soil. RW-1 vault visible (All RW's were abandoned prior to the start of excavation activities).



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	21
Date:	7/26/2023
Direction:	North

Comments:

Area A, Cell #2: 2nd lift compaction



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	22
Date:	7/27/2023
Direction:	NW

Comments:

Area A, Cell #3: advancing excavation



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	23
Date:	7/27/2023
Direction:	N/A

Comments:

Area A, Cell #3: grouted recovery well casing



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	24
Date:	7/28/2023
Direction:	SE

Comments:

Area A, Cell #3: expanding cell towards the west (right of image)



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	25
Date:	8/2/2023
Direction:	East

Comments:

Area A, Cell #2: scraping bedrock



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	26
Date:	8/8/2023
Direction:	NE

Comments:

Area A, Cell #3: partial backfill, clearing corner



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	27
Date:	8/11/2023
Direction:	SE

Comments:

Area A, Cell #3: finalizing corner of cell 3



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	28
Date:	8/11/2023
Direction:	

Comments:

Area A, Cell #3: scraping bedrock



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	29
Date:	8/14/2023
Direction:	NW

Comments:

Area A, Cell #3: filter fabric placed at approximately 9 feet below grade



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	30
Date:	8/14/2023
Direction:	North

Comments:

Area A, Cell #3: second lift



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	30
Date:	8/14/2023
Direction:	North

Comments:

Area A, Cell #3: fourth lift



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	31
Date:	8/17/2023
Direction:	NW

Comments:

Area A, Cell #4: removal of asphalt



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	32
Date:	8/17/2023
Direction:	NE

Comments:

Area A, Cell #4: RW-3 vault removal



Photograph Log

Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	33
Date:	8/17/2023
Direction:	West

Comments:

Area A, Cell #4: soil removal



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	34
Date:	8/21/2023
Direction:	SE

Comments:

Area A, Cell #4: exposing stormwater line running southwest to northeast



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	35
Date:	8/23/2023
Direction:	NE

Comments:

Area A, Cell #4: soil excavation at approximately 14.5 feet below grade



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	36
Date:	6/27/2023
Direction:	NW

Comments:

Area A, Cell #4: excavating contaminated layer at depth



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	37
Date:	8/29/2023
Direction:	SW

Comments:

Area A, Cell #4: clearing to bedrock



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	38
Date:	8/31/2023
Direction:	NE

Comments:

Area A, Cell #4: clearing to bedrock



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	39
Date:	8/31/2023
Direction:	SW

Comments:

Area A, Cell #4: backfill



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	40
Date:	9/6/2023
Direction:	SW

Comments:

Area A, Cell #4: exposing stormwater line, preparation for removal to access underlying soil



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	41
Date:	9/8/2023
Direction:	SW

Comments:

Area A, Cell #4: soil removal south of stormwater line



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	42
Date:	9/14/2023
Direction:	SW

Comments:

Area A, Cell #4 extension towards Area B



Photograph Log

Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	43
Date:	9/15/2023
Direction:	North

Comments:

Area B: Test pit D location. Note Area A, Cell #4 extended to the Area B north wall



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	44
Date:	9/15/2023
Direction:	NW

Comments:

Area B: Test pit D extent, bedrock at 10.5 feet below grade. No visual impacts



Photograph Log

Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	45
Date:	9/15/2023
Direction:	North

Comments:

Test pit E, located outside the Area B proposed limits



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	46
Date:	9/15/2023
Direction:	NW

Comments:

Test pit E extent, bedrock at 12.5 feet below grade. No visual impacts.



Photograph Log

Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	47
Date:	9/19/2023
Direction:	SW

Comments:

Area A, Cell #4: Removal of stormwater line to access underlying soil



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	48
Date:	9/20/2023
Direction:	North

Comments:

Area A, Cell #4: removal of soil below stormwater line



Photograph Log

Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	49
Date:	9/20/2023
Direction:	SW

Comments:

Area A, Cell #4: bedrock exposed beneath stormwater line



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	60
Date:	9/20/2023
Direction:	SW

Comments:

Area A, Cell #4: bedrock exposed beneath stormwater line



Photograph Log

Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	61
Date:	9/20/2023
Direction:	South

Comments:

Area A, Cell #4: staged soil from beneath the stormwater line



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	62
Date:	9/20/2023
Direction:	SW

Comments:

Area A, Cell #4: backfill and compaction



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	63
Date:	9/20/2023
Direction:	NE

Comments:

Area A, Cell #4: preparation for stormwater line replacement



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	64
Date:	9/21/2023
Direction:	North

Comments:

Area A, Cell #4: stormwater line replacement



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	65
Date:	9/21/2023
Direction:	North

Comments:

Area A, Cell #4: stormwater line replaced



Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	66
Date:	9/21/2023
Direction:	NE

Comments:

Area A, Cell #4: backfill



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	67
Date:	9/21/2023
Direction:	NE

Comments:

Area A, Cell #4: filter fabric installed over stormwater line backfill



Client: Eversource Energy **Site Name:** Eversource/MadisonCT/NewRd135	**Project:** 1503708-3001-300 **Site Location:** 135 New Rd

Photo #:	68
Date:	9/22/2023
Direction:	SW

Comments:

Area A, Cell #4: backfill and compaction



Photograph Log

Client: Eversource Energy	**Project:** 1503708-3001-300
Site Name: Eversource/MadisonCT/NewRd135	**Site Location:** 135 New Rd

Photo #:	69
Date:	9/28/2023
Direction:	NW

Comments:

Area A: final restoration



Appendix E – Non-hazardous Soil Manifests

Ondrick Materials & Recycling, LLC
22 Industry Road, Chicopee, MA 01020

Ticket 393530
7/10/23 2:12 PM

Truck ID	TRUE413	true blue
Customer	8420	TRUE BLUE ENVIRONMENTAL
Order	23-06-G-11904C	Eversource Madison Work Center,
P.O.	T230002	
Product	GAS NOT MA	
Site Addr.	Eversource Madison Work Center 135 New Road Madison, CT 06443	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	83420 Lb	
Tare	29500 Lb	*
Net	26.96 Ton	

	Today	**To Date**
Loads	2	2
Qty	46.05	46.05

NOTICE TO PURCHASERS: The Purchaser, through their officer, principal, employee or agent, hereby acknowledges that in consideration of the purchase and loading of product from Ondrick Materials & Construction, LLC, hereafter referred to as Seller, the Purchaser agrees that SELLER'S LIABBILITY, IN TORT, IN NEGLIGENCE OR OTHERWISE SHALL BE LIMITED TO THE AMOUNT OF THE PURCHASE PRICE OF THE SELLER'S PRODUCT AND UNDER NO CIRCUMSTANCE SHALL SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES arising out of the fact that the vehicle loaded by the seller for the purchaser was loaded in excess of its permitted and certified capacity. Purchaser, through their officer, principal, employee or agent, further agrees in consideration of the purchase and loading of Seller's product, TO RELEASE, REMISE AND FOREVER DISCHARGE THE SELLER, ITS REPRESENTATIVES, SUCCESSORS AND ASSIGNS OF AND FROM ANY AND ALL DEBTS, DEMANDS, ACTIONS, CAUSES OF ACTION, SUITS, PRECEEDINGS, AGREEMENTS, CONTRACTS, JUDGEMENTS, DAMAGES, EXECUTIONS, CLAIMS AND LIABILITIES WHATSOEVER OF EVERY NATURE AND NAME, WHETHER KNOWN OR UNKNOWN, WHETHER IN LAW OR IN EQUITY, WHICH THE PURCHASER HAS OR MAY HAVE FOR ANY REASON, MATTER OR CAUSE, AND PURCHASER FURTHER INDEMNIFIES AND HOLDS SELLER HARMLESS FROM ANY LOSS, COST, EXPENSE, DAMAGE, OR ATTORNEY'S FEES ARISING OUT OF THE SELLER'S LOADING OF ANY VEHICLE FOR THE PURCHASER IN EXCESS OF ITS PERMITTED AND CERTIFIED CAPACITY

CAUTION: HOT MATERIAL (275°F-325°F) Avoid contact with skin & eyes - Thermal Burns could result. Fumes count cause nausea or irritation. Seek proper medical assistance in all emergencies. Consult Material Safety Data Sheet for more information. KNOW & RESPECT THE PRODUCTS YOU HANDLE.

Ondrick Materials & Recycling, LLC
22 Industry Road, Chicopee, MA 01020

Ticket 393502
7/10/23 12:36 PM

Truck ID	TRUE413	true blue
Customer	8420	TRUE BLUE ENVIRONMENTAL
Order	23-06-G-11904C	Eversource Madison Work Center,
P.O.	T230002	
Product	GAS NOT MA	
Site Addr.	Eversource Madison Work Center 135 New Road Madison, CT 06443	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	67680 Lb	
Tare	29500 Lb	*
Net	19.09 Ton	

	Today	**To Date**
Loads	1	1
Qty	19.09	19.09

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Massachusetts Department of Environmental Protection
Bureau of Air & Waste

Material Shipping Record & Log

For the shipment of contaminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under 310 CMR 30.000

23-06-G-11904CT
Tracking Number

J. Load Information

Note: Make additional copies of this page as necessary.

Load#: One

Signature of transporter: Michael A Blessing
Receiving facility: Oldrick CG

Date received: 7-10-23 Time received:
Date of shipment: 7-10-23 Time of shipment: 12:35 PM

Truck/Tractor registration: CT 55495A
Trailer registration:

Load size (cubic yards/tons): 19.09

Load#: Two

Signature of transporter: Michael A Blessing
Receiving facility: Oldrick CG

Date received: 7-10-23 Time received:
Date of shipment: 7-10-23 Time of shipment: 2:11 PM

Truck/Tractor registration: CT 55495A
Trailer registration:

Load size (cubic yards/tons): 20.96

Load#: _____

Signature of transporter
Receiving facility

Date received Time received
Date of shipment Time of shipment

Truck/Tractor registration
Trailer registration

Load size (cubic yards/tons)

K. Log Sheet Volume Information

Total volume this page (cubic yards/tons)

Total carried forward (cubic yards/tons)

Total carried forward and this page (cubic yards/tons)

Page _____ of _____

Ondrick Materials & Recycling, LLC
22 Industry Road, Chicopee, MA 01020

Ticket 393647
7/11/23 1:57 PM

Truck ID	TRUE413	true blue
Customer	8420	TRUE BLUE ENVIRONMENTAL
Order	23-06-G-11904C	Eversource Madison Work Center,
P.O.	T230002	
Product	GAS NOT MA	
Site Addr.	Eversource Madison Work Center 135 New Road Madison, CT 06443	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	76160 Lb	
Tare	29500 Lb	*
Net	23.33 Ton	

	Today	**To Date**
Loads	5	7
Qty	121.20	167.25

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Ondrick Materials & Recycling, LLC
22 Industry Road, Chicopee, MA 01020

Ticket **393616**
7/11/23 12:03 PM

Truck ID	TRUE413	true blue
Customer	8420	TRUE BLUE ENVIRONMENTAL
Order	23-06-G-11904C	Eversource Madison Work Center,
P.O.	T230002	
Product	GAS NOT MA	
Site Addr.	Eversource Madison Work Center 135 New Road Madison, CT 06443	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	73200 Lb	
Tare	29500 Lb	*
Net	21.85 Ton	

	Today	**To Date**
Loads	4	6
Qty	97.87	143.92

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Ondrick Materials & Recycling, LLC
22 Industry Road, Chicopee, MA 01020

Ticket 393593
7/11/23 10:20 AM

Truck ID	TRUE413	true blue
Customer	8420	TRUE BLUE ENVIRONMENTAL
Order	23-06-G-11904C	Eversource Madison Work Center,
P.O.	T230002	
Product	GAS NOT MA	
Site Addr.	Eversource Madison Work Center 135 New Road Madison, CT 06443	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	78280 Lb	
Tare	29500 Lb	*
Net	24.39 Ton	

	Today	**To Date**
Loads	3	5
Qty	76.02	122.07

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Ondrick Materials & Recycling, LLC
22 Industry Road, Chicopee, MA 01020

Ticket 393564
7/11/23 8:43 AM

Truck ID	TRUE413	true blue
Customer	8420	TRUE BLUE ENVIRONMENTAL
Order	23-06-G-11904C	Eversource Madison Work Center,
P.O.	T230002	
Product	GAS NOT MA	
Site Addr.	Eversource Madison Work Center 135 New Road Madison, CT 06443	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	78800 Lb	
Tare	29500 Lb	*
Net	24.65 Ton	

	Today	**To Date**
Loads	1	3
Qty	24.65	70.70

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Massachusetts Department of Environmental Protection
Bureau of Air & Waste

Material Shipping Record & Log

For the shipment of contaminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under 310 CMR 30.000

23-06-G-11904CT
Tracking Number

J. Load Information

Note: Make additional copies of this page as necessary.

Load#: 1

Signature of transporter

Receiving facility: ONYX (CC)

Date received: 7-11-23 | Time received

Date of shipment: 7-11-23 | Time of shipment: 8:43 am

Truck/Tractor registration: 554954

Trailer registration

Load size (cubic yards/tons): 24.65

Load#: 2

Signature of transporter

Receiving facility: ONYX (CC)

Date received: 7-11-23 | Time received

Date of shipment: 7-11-23 | Time of shipment: 10:20

Truck/Tractor registration: 554954

Trailer registration

Load size (cubic yards/tons): 24.39

Load#: 3

Signature of transporter

Receiving facility: ONYX (CC)

Date received: 7-11-23 | Time received

Date of shipment: 7-11-22 | Time of shipment: 12:03

Truck/Tractor registration: 554954

Trailer registration

Load size (cubic yards/tons): 21.86

K. Log Sheet Volume Information

Total volume this page (cubic yards/tons)

Total carried forward (cubic yards/tons)

Total carried forward and this page (cubic yards/tons)

Page _____ of _____