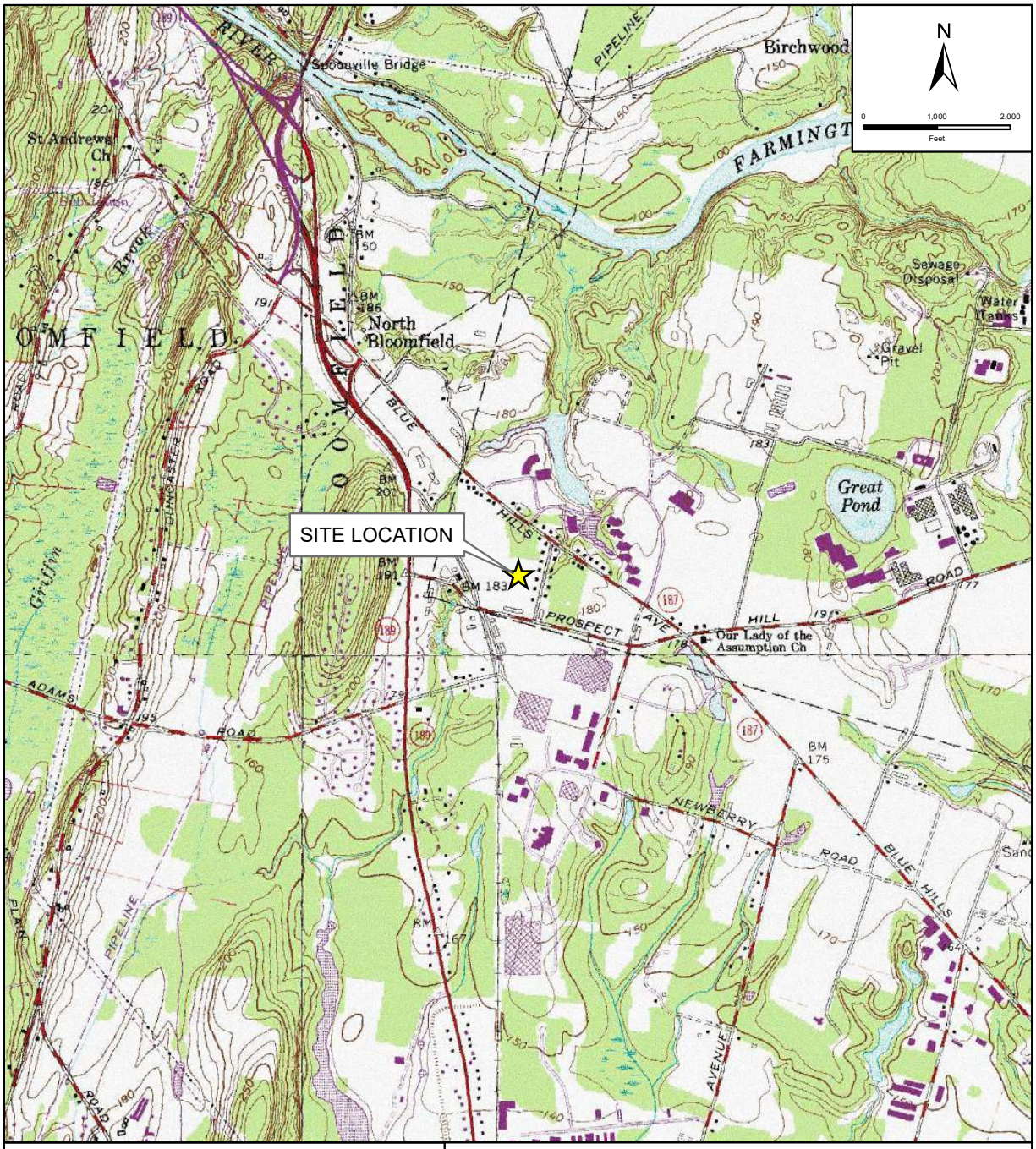


SITE LOCATION



USGS QUADRANGLE: WINDSOR LOCKS, MAP # 22

SOURCE: USGS TOPOGRAPHIC MAP, HARTFORD COUNTY (2001 DRG)

SITE LOCATION MAP

1985 BLUE HILLS AVENUE EXTENSION
WINDSOR, CONNECTICUT

PREPARED FOR:	EVERSOURCE 107 SELDEN STREET BERLIN, CT 06037		
PREPARED BY:	ZUVIC INC. 40 COLD SPRING ROAD, ROCKY HILL, CT OFFICE (860) 436-4901 FAX (860) 436-4953		
SCALE: 1 in = 2,000 ft	DATE: AUGUST 14, 2023	PROJECT NO.: 23246-6	FIGURE 1

PROJECT NUMBER: 23246-6/ DATE: AUGUST 14, 2023/ FILE NAME: SITE LOCATION MAP



LEGEND

APPROXIMATE LOCATION OF PROPERTY BOUNDARY

MAP REFERENCE:

1. AERIAL IMAGERY DOWNLOADED FROM CT-ECO DATED SPRING 2019

0 150' 300'

SCALE: 1"=150'

REV. NO.	DATE	DRWN	CHKD	REMARKS

PROJECT NO.: 23246
DESIGNED BY: AA
DRAWN BY: DV
SHEET CHK'D BY: DP
CROSS CHK'D BY: VLM
APPROVED BY: VLM
DATE: NOVEMBER 2024

N

PREPARED FOR:

EVERSOURCE

107 SELDEN STREET
BERLIN,CONNECTICUT 06037

PREPARED BY:

ZUVIC INFRASTRUCTURE SOLUTIONS

40 Cold Spring Road, Suite 1, Rocky Hill, CT 06067
(860)436-4901 WWW.ZUVIC.COM

SUPPLEMENTAL INVESTIGATION

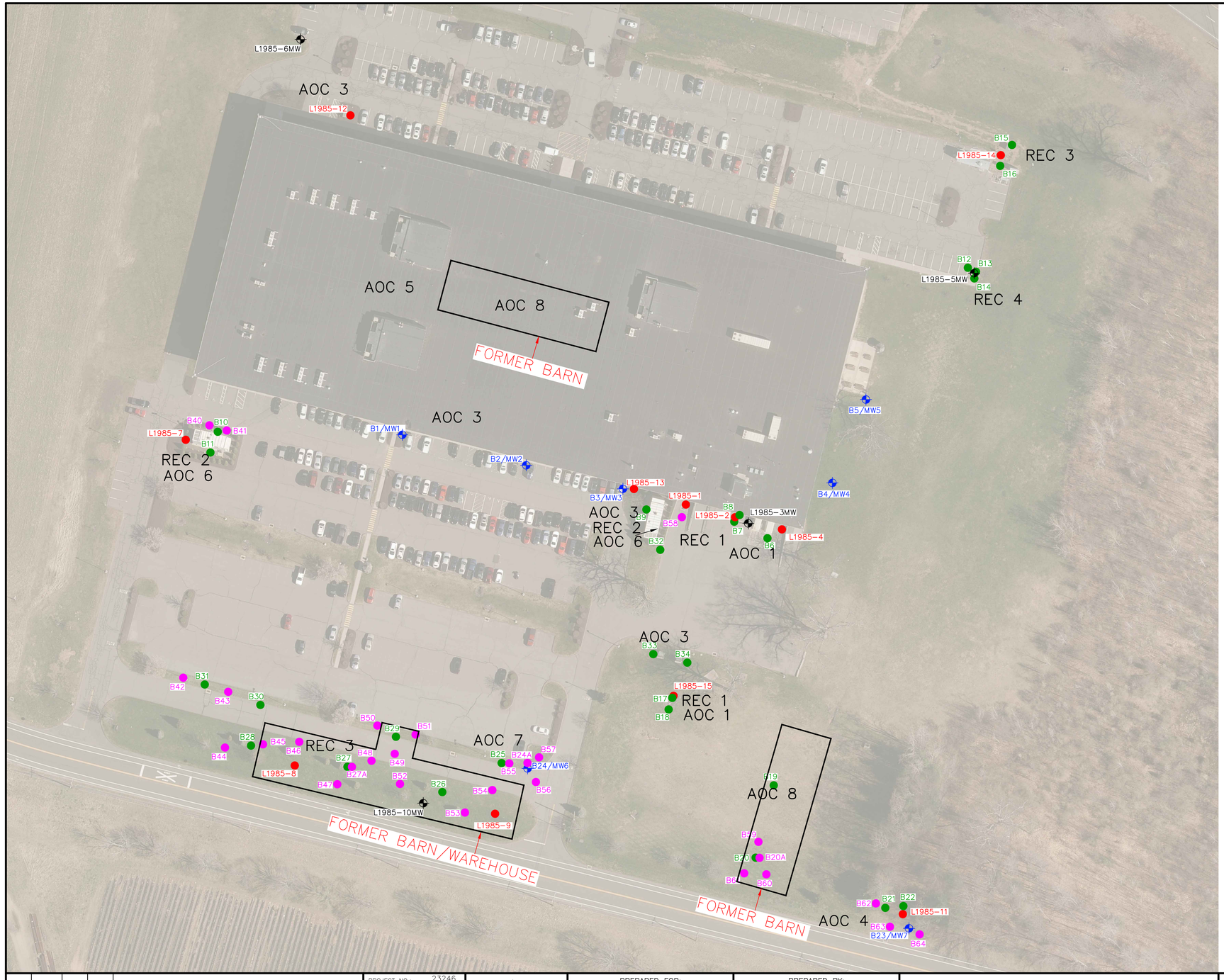
1985 BLUE HILLS AVENUE EXTENSION,
WINDSOR,CONNECTICUT 06095

SITE PLAN

FIG NO.

2

FILE PATH: H:\Projects\23246 - Eversource Blue Hills Ave Windsor Phase III\AutoCAD\EN\23246 - Site Loction Map.dwg PLOT DATE: 11/6/2024 PLOT TIME: 8:38:36 AM



LEGEND

PHASE II ENVIRONMENTAL SITE ASSESSMENT (ESA)

L1985-14 SOIL BORING LOCATION

L1985-6MW SOIL BORING AND MONITORING WELL LOCATION

PHASE III ENVIRONMENTAL SITE ASSESSMENT (ESA)

B4/MW4 SOIL BORING AND MONITORING WELL LOCATION

B18 SOIL BORING LOCATION

SUPPLEMENTAL INVESTIGATION

B59 SOIL BORING LOCATION

RECOGNIZED ENVIRONMENTAL CONDITIONS (RECs) AND AREAS OF CONCERN (AOCs)

REC 1: DIESEL FUEL RELEASE AT THE LOADING DOCK AREA
REC 2: COOLANT RELEASE FROM EMERGENCY GENERATOR
REC 3: HISTORICAL BARN/WAREHOUSE AND FIRE
REC 4: RELEASE FROM SNOW REMOVAL EQUIPMENT
AOC 1: LOADING DOCK AREA, STORM DRAIN, AND SOUTHEAST STORMWATER DETENTION BASIN
AOC 2: AGRICULTURAL USE
AOC 3: EXTERIOR OIL-FILLED TRANSFORMERS
AOC 4: SUSPECTED DUMPING AREA
AOC 5: FORMER JDS UNIPHASE SITE OPERATIONS
AOC 6: TWO EMERGENCY GENERATOR DIESEL ASTs
AOC 7: FORMER CULBRO 7,000 GALLON HEATING OIL UST
AOC 8: FORMER BARNS IN THE CENTRAL AND SOUTHEASTERN PORTIONS OF THE SITE
AOC 9: POTENTIAL OFF-SITE SOURCES (NOT SHOWN)

NOTES

LOCATIONS AND DIMENSIONS DEPICTED ON THIS PLAN ARE APPROXIMATE

MAP REFERENCE:

1. ""Connecticut Environmental Conditions Online. CT ECO 2016 Imagery & Elevation. (n.d.). https: //cteco.uconn.edu/data/download/flight2016/index.htm

0 50' 100'
SCALE: 1"=50'

REV. NO.	DATE	DRWN	CHKD	REMARKS

PROJECT NO.: 23246
DESIGNED BY: ARM
DRAWN BY: DSP
SHEET CHK'D BY: DP
CROSS CHK'D BY: VLM
APPROVED BY: VLM
DATE: NOVEMBER 2024

N

PREPARED FOR:

EVERSOURCE

107 SELDEN STREET
BERLIN,CONNECTICUT

PREPARED BY:

ZUVIC INFRASTRUCTURE ■ SOLUTIONS

40 Cold Spring Road, Suite 1, Rocky Hill, CT 06067
■ (860)436-4901 ■ WWW.ZUVIC.COM

SUPPLEMENTAL INVESTIGATION

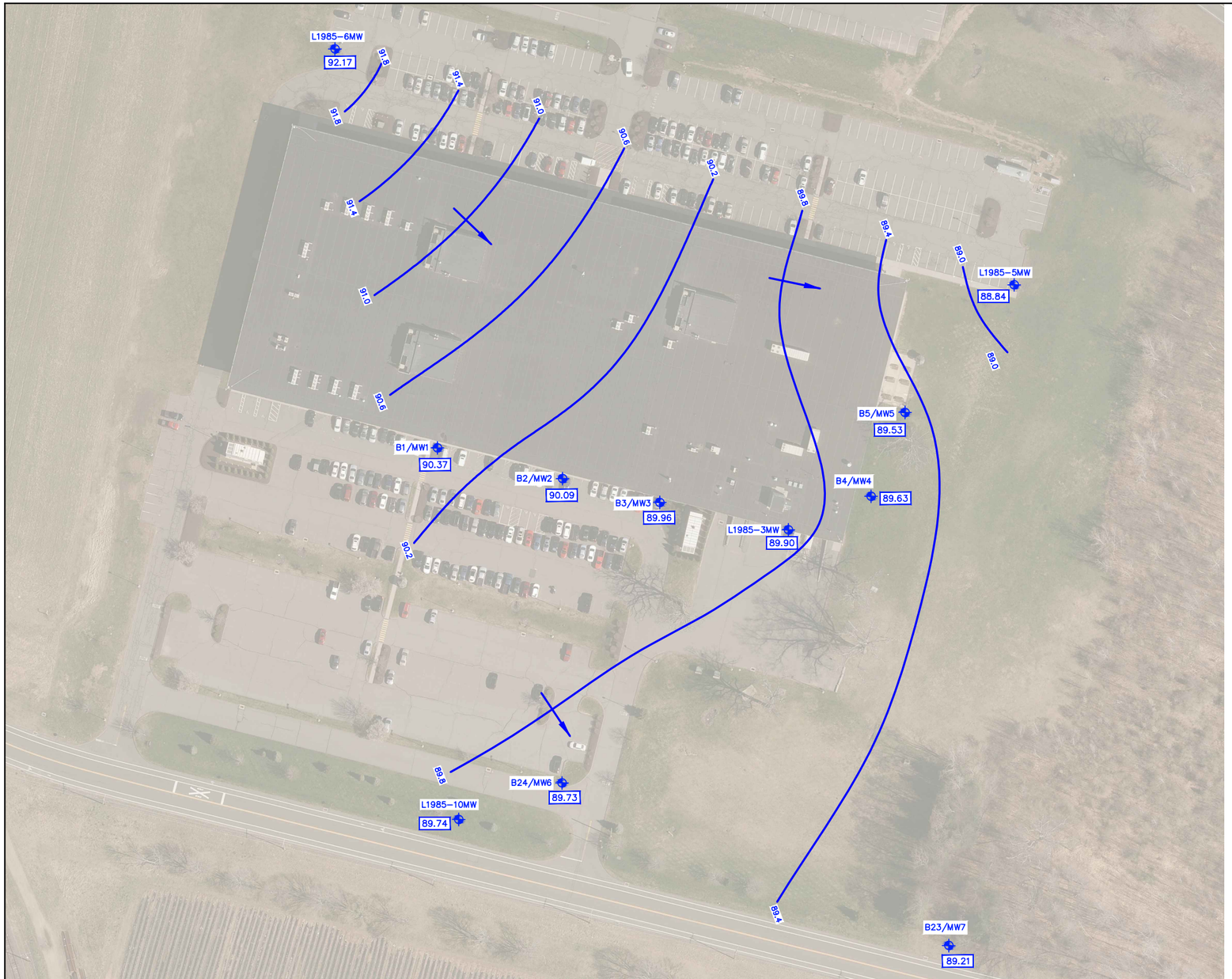
1985 BLUE HILLS AVENUE EXTENSION,
WINDSOR, CONNECTICUT

SOIL BORING AND WELL LOCATION MAP

FIGURE

3

FILE PATH: H:\Projects\23246 - Eversource Blue Hills Ave Windsor Phase III\AutoCAD\EN23246 - Boring and Well Location Map.dwg PLOT DATE: 11/6/2024 PLOT TIME: 1:09:58 PM



LEGEND

- PRMW-1 — MONITORING WELL LOCATION
- 88.84 — GROUNDWATER ELEVATION MEASURED ON MAY 13, 2024
- 84.70 — GROUNDWATER CONTOUR (INFERRED)
- INFERRED DIRECTION OF GROUNDWATER FLOW

MAP REFERENCE:

1. AERIAL IMAGERY DOWNLOADED FROM CT-ECO DATED SPRING 2019

0 100' 200'
SCALE: 1"=100'

FILE PATH: H:\Projects\23246 - Eversource Blue Hills Ave Windsor Phase III\AutoCAD\EN\23246 - Boring and Well Location Map - May 2024 GW Contour Map.dwg PLOT DATE: 11/6/2024 PLOT TIME: 8:24:53 AM

REV. NO.	DATE	DRWN	CHKD	REMARKS

PROJECT NO.: 23246
DESIGNED BY: AA
DRAWN BY: DV
SHEET CHK'D BY: DP
CROSS CHK'D BY: VLM
APPROVED BY: DP
DATE: NOVEMBER 2024

N

PREPARED FOR:
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BERLIN,CONNECTICUT 06037

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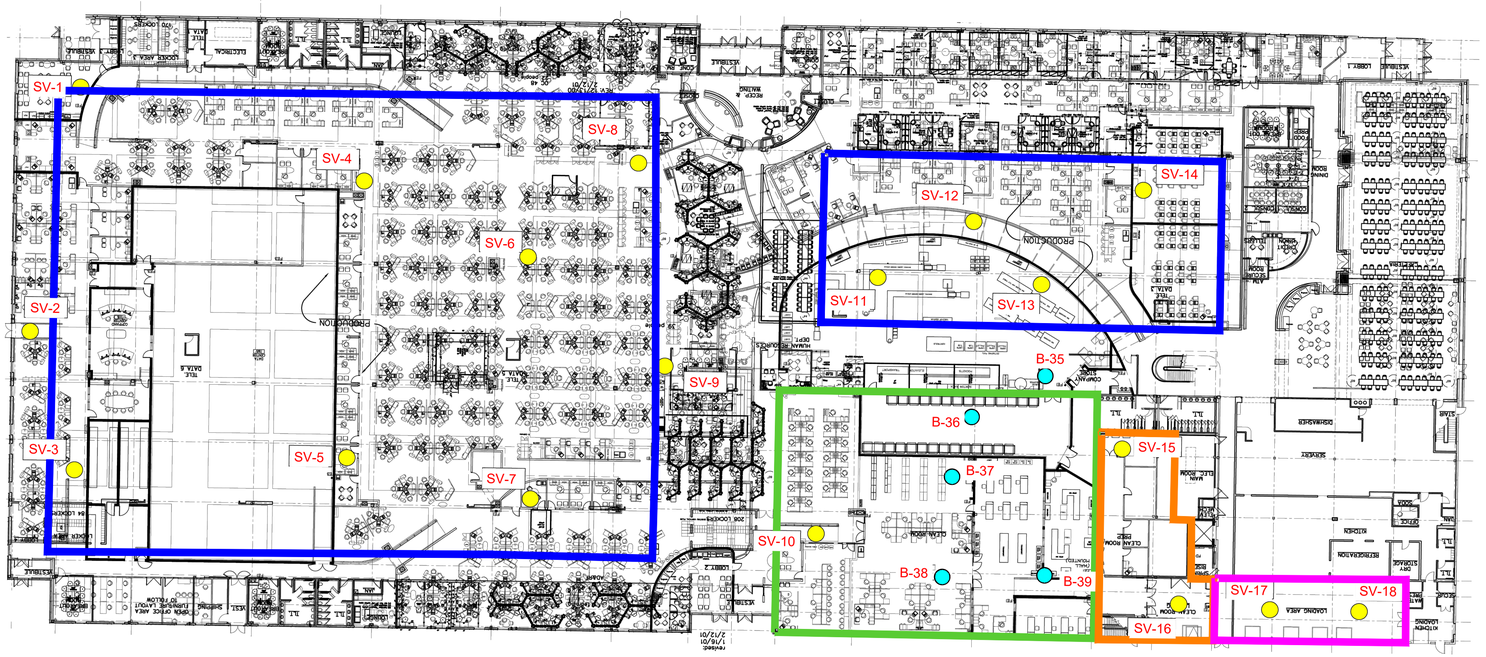
SUPPLEMENTAL INVESTIGATION
1985 BLUE HILLS AVENUE EXTENSION,
WINDSOR,CONNECTICUT 06095

GROUNDWATER CONTOUR MAP
MAY 13, 2024

FIG NO.
4

SITE PLAN





0 200' 400'
SCALE: 1"=200'

MAP REFERENCE:

1. "Connecticut Environmental Conditions Online. CT ECO 2016 Imagery & Elevation. (n.d.). https://cteco.uconn.edu/data/download/flight2016/index.htm

LEGEND

SV-10 APPROXIMATE LOCATION OF SUB-SLAB SOIL VAPOR POINT (NOVEMBER 2023 AND AUGUST 2024)

B-38 APPROXIMATE LOCATION OF INTERIOR SOIL BORING (OCTOBER 2023)

FORMER PRODUCTION AREA

FORMER CLEAN ROOM

LOADING DOCK AREA

FORMER CLEAN ROOM PREP AND LOADING AREA

NOTES

LOCATIONS AND DIMENSIONS DEPICTED ON THIS PLAN ARE APPROXIMATE

BUILDING PLAN REFERENCE:

1. " TENANT FLOOR PLAN", DATED 09-21-2000, SCALE 1 / 16'' = 1'-0 BY MOSER PILON NELSON ARCHITECTS.
2. " WINDSOR OPERATIONS CENTER MAIN LEVEL MASTER FURNITURE PLAN WINDSOR, CONNECTICUT" DATED 03-10-2011, SCALE 1/ 16'' = 1'-0''

REV. NO.	DATE	DRWN	CHKD	REMARKS

PROJECT NO.: 23246
DESIGNED BY: AA
DRAWN BY: DSP
SHEET CHK'D BY: DP
CROSS CHK'D BY: VLM
APPROVED BY: VLM
DATE: NOVEMBER 2024

N

PREPARED FOR:

EVERSOURCE

107 SELDEN STREET
BERLIN,CONNECTICUT

PREPARED BY:

ZUVIC
INFRASTRUCTURE ■ SOLUTIONS
40 Cold Spring Road, Suite 1, Rocky Hill, CT 06067
■ (860)436-4901 ■ WWW.ZUVIC.COM

SUPPLEMENTAL INVESTIGATION

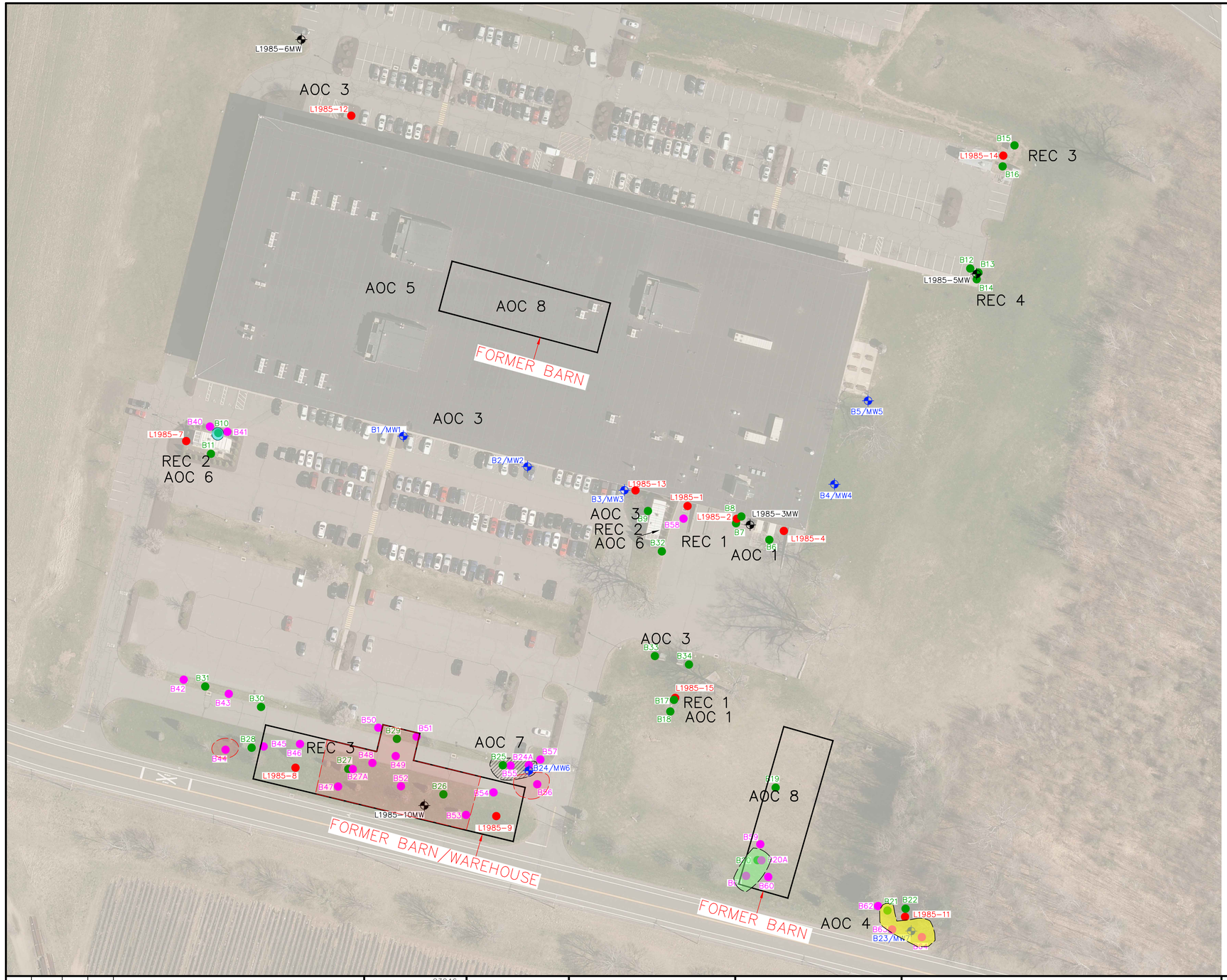
1985 BLUE HILLS AVENUE EXTENSION,
WINDSOR, CONNECTICUT

INTERIOR SOIL BORING AND SUB-SLAB SOIL VAPOR POINT LOCATION MAP

FIGURE

5

FILE PATH: H:\Projects\23246 - Eversource Blue Hills Ave Windsor Phase III\AutoCAD\EN23246 - SV NOVEMBER 2023.dwg PLOT DATE: 11/6/2024 PLOT TIME: 8:26:13 AM



LEGEND

PHASE II ENVIRONMENTAL SITE ASSESSMENT (ESA)

L1985-14 — SOIL BORING LOCATION

L1985-6MW — SOIL BORING AND MONITORING WELL LOCATION

PHASE III ENVIRONMENTAL SITE ASSESSMENT (ESA)

B4/MW4 — SOIL BORING AND MONITORING WELL LOCATION

B18 — SOIL BORING LOCATION

SUPPLEMENTAL INVESTIGATION

B59 — SOIL BORING LOCATION

RECOGNIZED ENVIRONMENTAL CONDITIONS (RECs) AND AREAS OF CONCERN (AOCs)

REC 1: DIESEL FUEL RELEASE AT THE LOADING DOCK AREA
REC 2: COOLANT RELEASE FROM EMERGENCY GENERATOR
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AOC 8: FORMER BARNS IN THE CENTRAL AND SOUTHEASTERN PORTIONS OF THE SITE
AOC 9: POTENTIAL OFF-SITE SOURCES (NOT SHOWN)

APPROXIMATE LIMITS OF SOIL EXCEEDANCE AREA, DASHED WHERE INFERRED (ETPH-IMPACTED SOIL, GROUND SURFACE TO 1 FT.)

APPROXIMATE LIMITS OF SOIL EXCEEDANCE AREA, DASHED WHERE INFERRED (PESTICIDE-IMPACTED SOIL, GROUND SURFACE TO 2 FT.)

APPROXIMATE LIMITS OF SOIL EXCEEDANCE AREA, DASHED WHERE INFERRED (PAHs AND/OR PESTICIDE-IMPACTED SOIL, GROUND SURFACE TO 2 FT.)

APPROXIMATE LIMITS OF SOIL EXCEEDANCE AREA, DASHED WHERE INFERRED (PAH, LEACHABE LEAD AND LEACHABLE PESTICIDE-IMPACTED SOIL, GROUND SURFACE TO 2 FT.)

APPROXIMATE LOCATION OF SOIL EXCEEDANCE AREA, DASHED WHERE INFERRED (ETPH, PAHs, TOTAL AND LEACHABLE ARSENIC, AND/OR LEACHABLE LEAD-IMPACTED SOIL, GROUND SURFACE FROM 2 TO 8.5 FT.)

NOTES

LOCATIONS AND DIMENSIONS DEPICTED ON THIS PLAN ARE APPROXIMATE

MAP REFERENCE:

1. ""Connecticut Environmental Conditions Online. CT ECO 2016 Imagery & Elevation. (n.d.). https://cteco.uconn.edu/data/download/flight2016/index.htm

0 50' 100'
SCALE: 1"=50'

REV. NO.	DATE	DRWN	CHKD	REMARKS

PROJECT NO.: 23246
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SUPPLEMENTAL INVESTIGATION
1985 BLUE HILLS AVENUE EXTENSION,
WINDSOR, CONNECTICUT

SOIL EXCEEDANCE AREAS

FIGURE
6

FILE PATH: H:\Projects\23246 - Eversource Blue Hills Ave Windsor Phase II\AutoCAD\EN23246 - Boring and Well Location Map - Figure 6_11_1_2024.dwg PLOT DATE: 11/6/2024 PLOT TIME: 1:11:23 PM

Tables

Table 1
Groundwater Elevation Summary Table
1985 Blue Hills Avenue Extension, Windsor, CT

Well	Elevation of Top of PVC Casing (ft.)	Well Screen Interval (ft.)	Depth to Bottom (ft.)	Depth to Water (ft.)	Groundwater Elevation (ft.)	Depth to Water (ft.)	Groundwater Elevation (ft.)	Depth to Water (ft.)	Groundwater Elevation (ft.)
				5/28/2021		9/21/2023		5/13/2024	
B1/MW1	101.18	6.5-16.5	16.50	--	--	12.50	88.68	10.81	90.37
B2/MW2	100.33	8-18.85	18.85	--	--	11.84	88.49	10.24	90.09
B3/MW3	100.00	8-18.5	18.60	--	--	11.55	88.45	10.04	89.96
B4/MW4	100.56	8-18.5	18.68	--	--	12.45	88.11	10.93	89.63
B5/MW5	100.78	10-20	20.26	--	--	12.82	87.96	11.25	89.53
L1985-3MW	97.24	9.5-19.5	19.68	10.57	86.67	8.93	88.31	7.34	89.90
L1985-5MW	100.12	11.7-21.7	21.85	13.71	86.41	12.44	87.68	11.28	88.84
L1985-6MW	101.82	11.2-16.3	16.35	11.87	89.95	10.87	90.95	9.65	92.17
B23/MW7	99.42	10-20	20.25	--	--	12.88	86.54	10.21	89.21
B24/MW6	100.53	10-20	20.32	--	--	12.28	88.25	10.80	89.73
L1985-10MW	103.75	19.5-29.5	29.69	17.28	86.47	15.60	88.15	14.01	89.74

NOTES:
1. Top of PVC casing surveyed on September 21, 2023.
2. Groundwater depths were measured from top of PVC casing.
3. Elevations are referenced to an assumed datum of 100.00 ft at B3/MW3.
4. Monitoring wells designated with "L1985-" were installed by previous consultant in May 2021.

Table 2
Summary of Soil Sample Analytical Results
1985 Blue Hills Avenue Extension, Windsor, CT

Parameter	RSR Criteria				Phase II ESA - Completed By Others														
Sample ID	**RDEC**	**I/C DEC**	**GA PMC**	**GWPC**	**L1985-1-S2**	**L1985-2-S3**	**L1985-3MW-S3**	**L1985-4-S2**	**L1985-5MW-S1**	**L1985-6MW-S3**	**L1985-7-S2**	**L1985-8-S3**	**L1985-9-S1**	**L1985-10MW-S2**	**L1985-11-S1**	**L1985-12-S1**	**L1985-13-S1**	**L1985-14-S1**	**L1985-15-S1**
Sample Date					**5/25/2021**	**5/25/2021**	**5/24/2021**	**5/25/2021**	**5/24/2021**	**5/24/2021**	**5/25/2021**	**5/24/2021**	**5/24/2021**	**5/24/2021**	**5/25/2021**	**5/24/2021**	**5/24/2021**	**5/24/2021**	**5/24/2021**
Sample Depth					**1-3 FEET**	**10-11 FEET**	**10-11 FEET**	**1-3 FEET**	**0.5-1 FEET**	**12-14 FEET**	**1-3 FEET**	**15-16 FEET**	**0-0.5 FEET**	**1-3 FEET**	**0-0.5 FEET**	**0-0.5 FEET**	**0-0.5 FEET**	**0-0.5 FEET**	**0-0.5 FEET**
Comments																			**SEE B17 0-0.5**
ETPH (mg/kg) via CT Method	500	2,500	500	--	16	ND<8.3	11	ND<6.4	ND<7.2	ND<6.5	ND<7.0	ND<6.4	61.4	58.2	34.1	10.4	73.8	36.9	41.4
SPLP ETPH (mg/L) via CT Method	--	--	--	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg) via EPA Method 8082A																			
None Detected	--	--	--	--	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
VOCs (ug/kg) via EPA Method 8260																			
Acetone	500,000	1,000,000	14,000	--	ND<5.6	ND<6.3	ND<5.9	ND<5.6	ND<6.3	ND<5.9	ND<6.2	ND<7.5	ND<9.3	6.6	ND<7.1	NA	NA	NA	ND<7.0
Naphthalene	1,000,000	2,500,000	5,600	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
m, p-Xylene	500,000	1,000,000	19,500	--	ND<0.56	ND<0.63	ND<0.59	ND<0.56	0.84	ND<0.59	ND<0.62	ND<0.75	ND<0.93	ND<0.50	ND<0.71	NA	NA	NA	ND<0.70
2-Butanone (MEK)	500,000	1,000,000	8,000	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
1,4-Dioxane (ug/kg) via EPA Method 8260																			
Not Detected	6,100**	57,000**	100**	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs and/or PAHs (ug/kg) via EPA Method 8270					PAHs	PAHs	PAHs	PAHs	PAHs	PAHs	PAHs	PAHs	PAHs	PAHs	PAHs				PAHs
2-Methyl Naphthalene	270,000**	1,000,000**	560**	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
Acenaphthene	1,000,000**	2,500,000**	8,400**	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
Acenaphthylene	1,000,000	2,500,000	8,400	--	ND<33	ND<40	ND<34	ND<34	ND<34	ND<34	ND<34	ND<33	84.4	62.4	ND<36	NA	NA	NA	ND<36
Anthracene	1,000,000	2,500,000	40,000	--	ND<33	ND<40	ND<34	ND<34	ND<34	ND<34	ND<34	ND<33	87.6	64.8	ND<36	NA	NA	NA	ND<36
Benzo(a)anthracene	1,000	7,800	1,000	--	ND<33	ND<40	ND<34	ND<34	ND<34	ND<34	ND<34	ND<33	266	214	ND<36	NA	NA	NA	73.7
Benzo(b)fluoranthene	1,000	7,800	1,000	--	ND<33	ND<40	ND<34	ND<34	ND<34	ND<34	41.8	ND<33	393	386	40.9	NA	NA	NA	109
Benzo(k)fluoranthene	8,400	78,000	1,000	--	ND<33	ND<40	ND<34	ND<34	ND<34	ND<34	ND<34	ND<33	131	162	ND<36	NA	NA	NA	ND<36
Benzo(g,h,i)perylene	8,400**	78,000**	1,000**	--	ND<33	ND<40	ND<34	ND<34	ND<34	ND<34	ND<34	ND<33	222	193	ND<36	NA	NA	NA	59.9
Benzo(a)pyrene	1,000	1,000	1,000	--	ND<33	ND<40	ND<34	ND<34	ND<34	ND<34	ND<34	ND<33	300	247	ND<36	NA	NA	NA	67.8
Carbazole	31,000**	290,000**	200**	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	84,000**	780,000**	1,000**	--	ND<33	ND<40	ND<34	ND<34	ND<34	ND<34	ND<34	ND<33	332	318	ND<36	NA	NA	NA	94.6
Dibenzo(a,h)anthracene	1,000**	1,000**	1,000**	--	ND<33	ND<40	ND<34	ND<34	ND<34	ND<34	ND<34	ND<33	55.4	44.3	ND<36	NA	NA	NA	ND<36
Dibenzofuran	68,000**	1,000,000**	200**	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1,000,000	2,500,000	5,600	--	ND<33	ND<40	ND<34	ND<34	ND<34	ND<34	58.9	ND<33	486	487	45.6	NA	NA	NA	137
Fluorene	1,000,000	2,500,000	5,600	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
Indeno(1,2,3-cd)pyrene	1,000**	7,800**	1,000**	--	ND<33	ND<40	ND<34	ND<34	ND<34	ND<34	ND<34	ND<33	232	218	ND<36	NA	NA	NA	62
Isophorone	640,000**	2,500,000**	740**	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	1,000,000	2,500,000	5,600	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
Phenanthrene	1,000,000	2,500,000	4,000	--	ND<33	ND<40	ND<34	ND<34	ND<34	ND<34	34.4	ND<33	336	321	ND<36	NA	NA	NA	131
Pyrene	1,000,000	2,500,000	4,000	--	ND<33	ND<40	ND<34	ND<34	ND<34	ND<34	59.5	ND<33	798	587	55.4	NA	NA	NA	277
SPLP SVOCs and/or PAHs (ug/L) via EPA Method 8270																			
Acenaphthene	--	--	--	420**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	--	--	--	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	--	--	--	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg) via EPA Method 6010C																			
Arsenic	10	10	--	--	ND<2.1	1.5	ND<2.0	ND<2.2	ND<2.2	ND<2.1	ND<2.2	ND<2.0	3.7	3.6	3	NA	NA	NA	2.9
Barium	4,700	140,000	--	--	ND<21	16.3	ND<20	ND<22	ND<22	ND<21	ND<22	22.1	37	42.6	23	NA	NA	NA	ND<23
Cadmium	34	1,000	--	--	ND<0.52	ND<0.35	ND<0.49	ND<0.54	ND<0.55	ND<0.52	ND<0.54	ND<0.49	ND<0.56	0.67	ND<0.56	NA	NA	NA	ND<0.58
Chromium	100/3,900*	100/51,000*	--	--	3.6	5.4	9.6	3.9	6.4	5	5.9	3.9	12	10.6	12.9	NA	NA	NA	8.6
Copper	2,500	76,000	--	--	6.5	5.7	5.9	4	5.2	3.2	4.9	3.4	14.2	20.3	10.9	NA	NA	NA	21
Lead	400	1,000	--	--	4.1	2.7	5.2	2.3	6.6	2.8	4.3	2.3	45	35.7	8.2	NA	NA	NA	21.8
Mercury (via EPA Method 7471)	20	610	--	--	ND<0.033	ND<0.035	ND<0.030	ND<0.031	ND<0.036	ND<0.034	ND<0.032	ND<0.031	0.07	0.033	ND<0.034	NA	NA	NA	ND<0.037
Nickel	1,400	7,500	--	--	ND<4.1	5.0	7.3	4.8	6.1	5.3	21.8	4.2	8.6	11.4	10.1	NA	NA	NA	6.5
Selenium	340	10,000	--	--	ND<2.1	ND<1.4	ND<2.0	ND<2.2	ND<2.2	ND<2.1	ND<2.2	ND<2.0	ND<2.2	ND<2.4	ND<2.2	NA	NA	NA	ND<2.3
Silver	340	10,000	--	--	ND<0.52	0.38	ND<0.49	ND<0.54	0.98	ND<0.52	ND<0.54	ND<0.49	ND<0.56	ND<0.59	0.69	NA	NA	NA	ND<0.58
Zinc	20,000	610,000	--	--	15.2	13.6	17.2	9.6	21.1	10.4	18.3	9.6	56.6	61.8	35.9	NA	NA	NA	41.3
SPLP Metals (mg/L) via EPA Method 6020																			
Arsenic	--	--	0.05	--	NA	NA	ND<0.1	NA	NA	NA	NA	NA	NA	ND<0.1	NA	NA	NA	NA	NA
Barium	--	--	1	--	NA	NA	ND<0.2	NA	NA	NA	NA	NA	NA	ND<0.2	NA	NA	NA	NA	NA
Cadmium	--	--	0.005	--	NA	NA	ND<0.004	NA	NA	NA	NA	NA	NA	ND<0.004	NA	NA	NA	NA	NA
Chromium	--	--	0.05	--	NA	NA	ND<0.01	NA	NA	NA	NA	NA	NA	ND<0.01	NA	NA	NA	NA	NA
Copper	--	--	1.3	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	--	--	0.015	--	NA	NA	ND<0.015	NA	NA	NA	NA	NA	NA	ND<0.015	NA	NA	NA	NA	NA
Mercury (via EPA Method 7471 or 6020)	--	--	0.002	--	NA	NA	ND<0.0002	NA	NA	NA	NA	NA	NA	ND<0.0002	NA	NA	NA	NA	NA
Nickel	--	--	0.1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	--	--	0.05	--	NA	NA	ND<0.1	NA	NA	NA	NA	NA	NA	ND<0.1	NA	NA	NA	NA	NA
Silver	--	--	0.036	--	NA	NA	ND<0.01	NA	NA	NA	NA	NA	NA	ND<0.01	NA	NA	NA	NA	NA
Zinc	--	--	5	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Summary of Soil Sample Analytical Results
1985 Blue Hills Avenue Extension, Windsor, CT

Parameter	RSR Criteria				Phase II ESA - Completed By Others															
Sample ID	RDEC	I/C DEC	GA PMC	GWPC	L1985-1-S2	L1985-2-S3	L1985-3MW-S3	L1985-4-S2	L1985-5MW-S1	L1985-6MW-S3	L1985-7-S2	L1985-8-S3	L1985-9-S1	L1985-10MW-S2	L1985-11-S1	L1985-12-S1	L1985-13-S1	L1985-14-S1	L1985-15-S1
Sample Date					5/25/2021	5/25/2021	5/24/2021	5/25/2021	5/24/2021	5/24/2021	5/25/2021	5/24/2021	5/24/2021	5/24/2021	5/25/2021	5/24/2021	5/24/2021	5/24/2021	5/24/2021
Sample Depth					1-3 FEET	10-11 FEET	10-11 FEET	1-3 FEET	0.5-1 FEET	12-14 FEET	1-3 FEET	15-16 FEET	0-0.5 FEET	1-3 FEET	0-0.5 FEET	0-0.5 FEET	0-0.5 FEET	0-0.5 FEET	0-0.5 FEET
PFAS (ug/kg) via EPA Method 1633																			
Perfluorodecanesulfonic acid (PFDS)	NE	NE	NE	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alcohol Analysis (mg/kg) by GC via EPA Method 8015B																			
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Glycol Analysis (mg/kg) via EPA Method 8015B																			
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/kg) via EPA Method 8081																			
Heptachlor Epoxide	67	630	20	--	NA	NA	NA	NA	NA	ND<0.64	1.1	ND<0.65	ND<0.70	ND<0.70	ND<0.74	NA	NA	NA	ND<0.74
Chlordane	490	2,200	66	--	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
Dieldrin	38	360	7	--	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
Endosulfan sulfate	41,000**	1,000,000**	84**	--	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
4,4-DDD	1,800**	17,000**	3**	--	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
4,4-DDE	1,800**	17,000**	3**	--	NA	NA	NA	NA	NA	ND<0.64	2.6	ND<0.65	ND<0.70	ND<0.70	ND<0.74	NA	NA	NA	**14.7**
4,4-DDT	1,800**	17,000**	3**	--	NA	NA	NA	NA	NA	ND<0.64	**3.6**	ND<0.65	ND<0.70	ND<0.70	2.5	NA	NA	NA	**19.2**
Total DDD, DDE and DDT	1,800**	17,000**	3**	--	NA	NA	NA	NA	NA	ND<0.64	**6.2**	ND<0.65	ND<0.70	ND<0.70	2.5	NA	NA	NA	**33.9**
SPLP Pesticides (ug/L) via EPA Method 8081B																			
gamma-BHC (Lindane)	--	--	--	0.2	NA	NA	NA	NA	NA	ND<0.01	0.15	NA	NA	ND<0.010	NA	NA	NA	NA	NA
Dieldrin	--	--	--	0.002	NA	NA	NA	NA	NA	ND	ND	NA	NA	ND	NA	NA	NA	NA	NA
4,4-DDD	--	--	NA	0.10**	NA	NA	NA	NA	NA	ND	ND	NA	NA	ND	NA	NA	NA	NA	NA
4,4-DDE	--	--	NA	0.10**	NA	NA	NA	NA	NA	ND	ND	NA	NA	ND	NA	NA	NA	NA	NA
4,4-DDT	--	--	NA	0.10**	NA	NA	NA	NA	NA	ND	ND	NA	NA	ND	NA	NA	NA	NA	NA
Total DDD, DDE and DDT	--	--	NA	0.10**	NA	NA	NA	NA	NA	ND	ND	NA	NA	ND	NA	NA	NA	NA	NA
Herbicides (ug/kg) via EPA Method 8151																			
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA

Notes and Abbreviations:

Shaded values indicate results that may exceed one or more of the CT Remediation Standard Regulation (RSR) criteria. A comprehensive evaluation of compliance with the criteria is not shown on the table. See the report text for additional information.

1. Compliance with the GA PMC is demonstrated by the total pesticide result.
Analytes not listed were not detected above minimum laboratory reporting limits
* = Criteria apply to hexavalent/trivalent chromium
** = Criterion is from "Recommended Numeric Criteria for Common Additional Polluting Substances and Certain Alternative Criteria Requests", September 20, 2018; CTDEEP approval is required for use of these criteria.
RSR = Connecticut Remediation Standard Regulations
RDEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for areas where groundwater is classified GA
GWPC = Groundwater Protection Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
NA = Not Analyzed
ND = Not detected above the laboratory reporting limit
NE= Not Established
ETPH = Extractable total petroleum hydrocarbons
PAHs = Polynuclear aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
PFAS = Per- and Polyfluoroalkyl Substances
SPLP = Synthetic precipitation leaching procedure
SVOCs = Semi-volatile organic compounds
VOCs = Volatile organic compounds
mg/kg = milligrams per kilogram (dry weight)
mg/L = milligrams per liter
ug/kg = micrograms per kilogram (dry weight)
ug/L = micrograms per liter
ESA = Environmental Site Assessment
Supp Inv = Supplemental Investigation

Table 2
Summary of Soil Sample Analytical Results
1985 Blue Hills Avenue Extension, Windsor, CT

Parameter	RSR Criteria				Phase II/III ESA															
Sample ID	RDEC	I/C DEC	GA PMC	GWPC	B1/MW1 0.3-1ft	B1/MW1 3-5ft	B1/MW1 5-6.5ft	B1/MW1 14-15ft	B2/MW2 1-3ft	B2/MW2 3-5ft	B2/MW2 18.5-20ft	B3/MW3 2-4ft	B3/MW3 10-12ft	B4/MW4 0-2ft	B4/MW4 2-4ft	B4/MW4 12-14ft	B5/MW5 0-2ft	B5/MW5 14-16ft	B6 3-5ft	B6 12-14ft
Sample Date					09/11/2023	09/11/2023	09/12/2023	09/12/2023	09/11/2023	09/11/2023	09/12/2023	09/11/2023	09/12/2023	09/11/2023	09/11/2023	09/12/2023	09/11/2023	09/12/2023	09/11/2023	09/12/2023
Sample Depth					0.3-1 FEET	3-5 FEET	5-6.5 FEET	14-15 FEET	1-3 FEET	3-5 FEET	18.5-20 FEET	2-4 FEET	10-12 FEET	0-2 FEET	2-4 FEET	12-14 FEET	0-2 FEET	14-16 FEET	3-5 FEET	12-14 FEET
Comments																				
ETPH (mg/kg) via CT Method	500	2,500	500	--	ND<72	NA	NA	ND<60	NA	ND<52	ND<60	ND<54	ND<51	NA	ND<51	ND<50	ND<53	ND<56	ND<50	ND<52
SPLP ETPH (mg/L) via CT Method	--	--	--	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg) via EPA Method 8082A																				
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/kg) via EPA Method 8260																				
Acetone	500,000	1,000,000	14,000	--	NA	ND	NA	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Naphthalene	1,000,000	2,500,000	5,600	--	NA	ND<7.0	NA	ND<7.8	NA	ND<6.4	ND<7.5	ND<5.8	ND<8.1	NA	ND<6.2	ND<7.1	ND<6.4	ND<7.2	ND<8.0	ND<6.3
m, p-Xylene	500,000	1,000,000	19,500	--	NA	ND	NA	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	500,000	1,000,000	8,000	--	NA	ND	NA	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
1,4-Dioxane (ug/kg) via EPA Method 8260																				
Not Detected	6,100**	57,000**	100**	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs and/or PAHs (ug/kg) via EPA Method 8270					SVOCs			SVOCs		SVOCs	SVOCs	SVOCs	SVOCs		SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
2-Methyl Naphthalene	270,000**	1,000,000**	560**	--	ND	NA	NA	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Acenaphthene	1,000,000**	2,500,000**	8,400**	--	ND<140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	ND<110	ND<110	ND<100	ND<110
Acenaphthylene	1,000,000	2,500,000	8,400	--	ND<140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	ND<110	ND<110	ND<100	ND<110
Anthracene	1,000,000	2,500,000	40,000	--	ND<140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	ND<110	ND<110	ND<100	ND<110
Benzo(a)anthracene	1,000	7,800	1,000	--	ND<140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	190	ND<110	ND<100	ND<110
Benzo(b)fluoranthene	1,000	7,800	1,000	--	ND<140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	260	ND<110	ND<100	ND<110
Benzo(k)fluoranthene	8,400	78,000	1,000	--	ND<140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	ND<110	ND<110	ND<100	ND<110
Benzo(g,h,i)perylene	8,400**	78,000**	1,000**	--	ND<140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	200	ND<110	ND<100	ND<110
Benzo(a)pyrene	1,000	1,000	1,000	--	ND<140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	230	ND<110	ND<100	ND<110
Carbazole	31,000**	290,000**	200**	--	ND<290	NA	NA	ND<240	NA	ND<210	ND<240	ND<210	ND<200	NA	ND<200	ND<200	ND<210	ND<220	ND<200	ND<210
Chrysene	84,000**	780,000**	1,000**	--	ND<140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	220	ND<110	ND<100	ND<110
Dibenzo(a,h)anthracene	1,000**	1,000**	1,000**	--	ND<140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	ND<110	ND<110	ND<100	ND<110
Dibenzofuran	68,000**	1,000,000**	200**	--	ND<290	NA	NA	ND<240	NA	ND<210	ND<240	ND<210	ND<200	NA	ND<200	ND<200	ND<210	ND<220	ND<200	ND<210
Fluoranthene	1,000,000	2,500,000	5,600	--	150	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	380	ND<110	ND<100	ND<110
Fluorene	1,000,000	2,500,000	5,600	--	ND<140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	ND<110	ND<110	ND<100	ND<110
Indeno(1,2,3-cd)pyrene	1,000**	7,800**	1,000**	--	ND<140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	140	ND<110	ND<100	ND<110
Isophorone	640,000**	2,500,000**	740**	--	ND<290	NA	NA	ND<240	NA	ND<210	ND<240	ND<210	ND<200	NA	ND<200	ND<200	ND<210	ND<220	ND<200	ND<210
Naphthalene	1,000,000	2,500,000	5,600	--	ND<140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	ND<110	ND<110	ND<100	ND<110
Phenanthrene	1,000,000	2,500,000	4,000	--	ND<140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	ND<100	ND<100	140	ND<110	ND<100	ND<110
Pyrene	1,000,000	2,500,000	4,000	--	140	NA	NA	ND<120	NA	ND<100	ND<120	ND<110	ND<100	NA	100	ND<100	470	ND<110	ND<100	ND<110
SPLP SVOCs and/or PAHs (ug/L) via EPA Method 8270																				
Acenaphthene	--	--	--	420**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	--	--	--	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	--	--	--	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg) via EPA Method 6010C																				
Arsenic	10	10	--	--	3.0	NA	NA	2.2	NA	ND<1.0	3.6	1.1	ND<0.98	NA	1.8	ND<0.94	2.0	ND<1.1	ND<0.94	ND<1.0
Barium	4,700	140,000	--	--	31	NA	NA	17	NA	6.6	47	12	13	NA	17	9.0	26	45	11	13
Cadmium	34	1,000	--	--	ND<0.69	NA	NA	ND<0.59	NA	ND<0.50	ND<0.60	ND<0.51	ND<0.49	NA	ND<0.49	ND<0.47	ND<0.53	ND<0.55	ND<0.47	ND<0.52
Chromium	100/3,900*	100/51,000*	--	--	15	NA	NA	4.9	NA	3.4	13	6.0	4.6	NA	7.9	4.7	9.6	11	4.1	5.7
Copper	2,500	76,000	--	--	15	NA	NA	7.0	NA	3.0	17	4.6	5.2	NA	4.9	4.3	21	8.5	3.9	5.6
Lead	400	1,000	--	--	15	NA	NA	ND<2.4	NA	ND<2.0	7.9	8.3	2.2	NA	9.1	ND<1.9	23	3.0	2.5	2.1
Mercury (via EPA Method 7471)	20	610	--	--	ND<0.18	NA	NA	ND<0.15	NA	ND<0.13	ND<0.14	ND<0.13	ND<0.12	NA	ND<0.13	ND<0.13	ND<0.13	ND<0.13	ND<0.12	ND<0.12
Nickel	1,400	7,500	--	--	7.7	NA	NA	5.4	NA	3.0	11	4.3	3.9	NA	4.7	3.5	6.0	9.2	3.5	4.1
Selenium	340	10,000	--	--	ND<3.4	NA	NA	ND<2.9	NA	ND<2.5	ND<3.0	ND<2.6	ND<2.5	NA	ND<2.5	ND<2.4	ND<2.6	ND<2.8	ND<2.4	ND<2.6
Silver	340	10,000	--	--	ND<2.8	NA	NA	ND<2.4	NA	ND<2.0	ND<2.4	ND<2.1	ND<2.0	NA	ND<2.0	ND<1.9	ND<2.1	ND<2.2	ND<1.9	ND<2.1
Zinc	20,000	610,000	--	--	53	NA	NA	18	NA	8.3	41	15	11	NA	18	9.0	36	25	10	12
SPLP Metals (mg/L) via EPA Method 6020																				
Arsenic	--	--	0.05	--	ND<0.0090	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.0090	NA	NA	NA
Barium	--	--	1	--	ND<0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.050	NA	NA	NA
Cadmium	--	--	0.005	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	--	--	0.05	--	ND<0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.050	NA	NA	NA
Copper	--	--	1.3	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	--	--	0.015	--	ND<0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.013	NA	NA	NA
Mercury (via EPA Method 7471 or 6020)	--	--	0.002	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	--	0.1	--	ND<0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.050	NA	NA	NA
Selenium	--	--	0.05	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	--	0.036	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	--	5	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Summary of Soil Sample Analytical Results
1985 Blue Hills Avenue Extension, Windsor, CT

Parameter	RSR Criteria				Phase II/III ESA														
Sample ID	RDEC	I/C DEC	GA PMC	GWPC	B1/MW1 0.3-1ft	B1/MW1 3-5ft	B1/MW1 5-6.5ft	B1/MW1 14-15ft	B2/MW2 1-3ft	B2/MW2 3-5ft	B2/MW2 18.5-20ft	B3/MW3 2-4ft	B3/MW3 10-12ft	B4/MW4 0-2ft	B4/MW4 2-4ft	B4/MW4 12-14ft	B5/MW5 0-2ft	B5/MW5 14-16ft	B6 3-5ft	B6 12-14ft
Sample Date					09/11/2023	09/11/2023	09/12/2023	09/12/2023	09/11/2023	09/11/2023	09/12/2023	09/11/2023	09/12/2023	09/11/2023	09/11/2023	09/12/2023	09/11/2023	09/12/2023	09/11/2023	09/12/2023
Sample Depth					0.3-1 FEET	3-5 FEET	5-6.5 FEET	14-15 FEET	1-3 FEET	3-5 FEET	18.5-20 FEET	2-4 FEET	10-12 FEET	0-2 FEET	2-4 FEET	12-14 FEET	0-2 FEET	14-16 FEET	3-5 FEET	12-14 FEET
PFAS (ug/kg) via EPA Method 1633																				
Perfluorodecanesulfonic acid (PFDS)	NE	NE	NE	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alcohol Analysis (mg/kg) by GC via EPA Method 8015B																				
None Detected	--	--	--	--	ND<1.0	NA	NA	ND<1.0	NA	ND<1.0	ND<1.0	ND<1.0	ND<1.0	NA	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Glycol Analysis (mg/kg) via EPA Method 8015B																				
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/kg) via EPA Method 8081																				
Heptachlor Epoxide	67	630	20	--	NA	NA	ND	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	NA
Chlordane	490	2,200	66	--	NA	NA	ND<16	NA	ND<17	NA	NA	ND<16	NA	**91**	NA	NA	**69**	NA	NA	NA
Dieldrin	38	360	7	--	NA	NA	ND<0.52	NA	ND<0.55	NA	NA	ND<0.54	NA	ND<0.60	NA	NA	ND<0.52	NA	NA	NA
Endosulfan sulfate	41,000**	1,000,000**	84**	--	NA	NA	ND	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND	NA	NA	NA
4,4-DDD	1,800**	17,000**	3**	--	NA	NA	ND<0.52	NA	ND<0.55	NA	NA	ND<0.54	NA	ND<0.60	NA	NA	ND<0.52	NA	NA	NA
4,4-DDE	1,800**	17,000**	3**	--	NA	NA	0.94	NA	**4.1**	NA	NA	**4.0**	NA	**24**	NA	NA	**18**	NA	NA	NA
4,4-DDT	1,800**	17,000**	3**	--	NA	NA	0.70	NA	**5.5**	NA	NA	**5.6**	NA	**15**	NA	NA	**8.2**	NA	NA	NA
Total DDD, DDE and DDT	1,800**	17,000**	3**	--	NA	NA	2	NA	**10**	NA	NA	**10**	NA	**39**	NA	NA	**26**	NA	NA	NA
SPLP Pesticides (ug/L) via EPA Method 8081B																				
gamma-BHC (Lindane)	--	--	--	0.2	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA
Dieldrin	--	--	--	0.002	NA	NA	NA	NA	NA	NA	NA	ND<0.0010	NA	ND<0.0010	NA	NA	NA	NA	NA	NA
4,4-DDD	--	--	NA	0.10**	NA	NA	NA	NA	NA	NA	NA	ND<0.0010	NA	ND<0.0010	NA	NA	NA	NA	NA	NA
4,4-DDE	--	--	NA	0.10**	NA	NA	NA	NA	NA	NA	NA	ND<0.0010	NA	ND<0.0010	NA	NA	NA	NA	NA	NA
4,4-DDT	--	--	NA	0.10**	NA	NA	NA	NA	NA	NA	NA	ND<0.0020	NA	ND<0.0020	NA	NA	NA	NA	NA	NA
Total DDD, DDE and DDT	--	--	NA	0.10**	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA
Herbicides (ug/kg) via EPA Method 8151																				
None Detected	--	--	--	--	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA

Notes and Abbreviations:

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1985 Blue Hills Avenue Extension, Windsor, CT

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Sample ID	RDEC	I/C DEC	GA PMC	GWPC	B7 1-3ft	B7 10-12ft	B8 1-3ft	B8 6-8ft	B9 0.4-2ft	B10 0.3-1ft	B10 1-3ft	B11 0.5-2ft	B11 2-4ft	B12 0.5-2ft	B13 0.5-2ft	B14 0.5-2ft	B14 12-14ft	B15 0-0.5ft	B16 0-0.5ft	B17 0-0.5ft	B17 2-4ft	B18 0-1.5ft	B19 0-2ft
Sample Date					09/11/2023	09/12/2023	09/11/2023	09/12/2023	09/12/2023	09/12/2023	09/12/2023	09/12/2023	09/12/2023	09/13/2023	09/13/2023	09/13/2023	09/13/2023	09/13/2023	09/13/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023
Sample Depth					1-3 FEET	10-12 FEET	1-3 FEET	6-8 FEET	0.4-2 FEET	0.3-1 FEET	1-3 FEET	0.5-2 FEET	2-4 FEET	0.5-2 FEET	0.5-2 FEET	0.5-2 FEET	12-14 FEET	0-0.5 FEET	0-0.5 FEET	0-0.5 FEET	2-4 FEET	0-1.5 FEET	0-2 FEET
Comments																				SEE L1985-15			
ETPH (mg/kg) via CT Method	500	2,500	500	--	ND<50	ND<51	ND<57	ND<50	ND<51	700	ND<54	NA	ND<54	93	ND<55	ND<57	ND<60	ND<64	ND<58	ND<67	NA	ND<61	NA
SPLP ETPH (mg/L) via CT Method	--	--	--	0.25	NA	NA	NA	NA	NA	ND<0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg) via EPA Method 8082A																							
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.063	ND<0.060	NA	NA	NA	NA
VOCs (ug/kg) via EPA Method 8260																							
Acetone	500,000	1,000,000	14,000	--	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND
Naphthalene	1,000,000	2,500,000	5,600	--	ND<6.5	ND<6.4	ND<7.4	ND<7.2	ND<6.4	ND<7.9	NA	NA	ND<8.6	ND<6.6	ND<6.6	ND<6.2	ND<7.9	NA	NA	ND<13	NA	ND<12	ND<7.3
m, p-Xylene	500,000	1,000,000	19,500	--	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND
2-Butanone (MEK)	500,000	1,000,000	8,000	--	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND
1,4-Dioxane (ug/kg) via EPA Method 8260																							
Not Detected	6,100**	57,000**	100**	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs and/or PAHs (ug/kg) via EPA Method 8270					SVOCs	SVOCs	SVOCs	SVOCs	PAHs	PAHs			PAHs	PAHs	PAHs	PAHs	PAHs			PAHs		PAHs	
2-Methyl Naphthalene	270,000**	1,000,000**	560**	--	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	NA	ND	NA
Acenaphthene	1,000,000**	2,500,000**	8,400**	--	ND<100	ND<100	ND<110	ND<100	ND<100	ND<110	NA	NA	ND<110	ND<110	ND<110	ND<110	ND<120	NA	NA	ND<130	NA	ND<120	NA
Acenaphthylene	1,000,000	2,500,000	8,400	--	ND<100	ND<100	ND<110	ND<100	ND<100	ND<110	NA	NA	ND<110	ND<110	ND<110	ND<110	ND<120	NA	NA	ND<130	NA	ND<120	NA
Anthracene	1,000,000	2,500,000	40,000	--	ND<100	ND<100	ND<110	ND<100	ND<100	ND<110	NA	NA	ND<110	ND<110	ND<110	ND<110	ND<120	NA	NA	ND<130	NA	ND<120	NA
Benzo(a)anthracene	1,000	7,800	1,000	--	ND<100	ND<100	ND<110	ND<100	ND<100	ND<110	NA	NA	ND<110	200	180	ND<110	ND<120	NA	NA	170	NA	150	NA
Benzo(b)fluoranthene	1,000	7,800	1,000	--	ND<100	ND<100	ND<110	ND<100	120	ND<110	NA	NA	ND<110	240	220	ND<110	ND<120	NA	NA	520	NA	300	NA
Benzo(k)fluoranthene	8,400	78,000	1,000	--	ND<100	ND<100	ND<110	ND<100	ND<100	ND<110	NA	NA	ND<110	ND<110	ND<110	ND<110	ND<120	NA	NA	160	NA	ND<120	NA
Benzo(g,h,i)perylene	8,400**	78,000**	1,000**	--	ND<100	ND<100	ND<110	ND<100	ND<100	ND<110	NA	NA	ND<110	180	170	ND<110	ND<120	NA	NA	350	NA	170	NA
Benzo(a)pyrene	1,000	1,000	1,000	--	ND<100	ND<100	ND<110	ND<100	100	ND<110	NA	NA	ND<110	230	200	ND<110	ND<120	NA	NA	240	NA	180	NA
Carbazole	31,000**	290,000**	200**	--	ND<200	ND<200	ND<230	ND<200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	84,000**	780,000**	1,000**	--	ND<100	ND<100	ND<110	ND<100	ND<100	ND<110	NA	NA	ND<110	190	170	ND<110	ND<120	NA	NA	390	NA	250	NA
Dibenzo(a,h)anthracene	1,000**	1,000**	1,000**	--	ND<100	ND<100	ND<110	ND<100	ND<100	ND<110	NA	NA	ND<110	ND<110	ND<110	ND<110	ND<120	NA	NA	ND<130	NA	ND<120	NA
Dibenzofuran	68,000**	1,000,000**	200**	--	ND<200	ND<200	ND<230	ND<200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1,000,000	2,500,000	5,600	--	ND<100	ND<100	ND<110	ND<100	140	ND<110	NA	NA	ND<110	330	290	ND<110	ND<120	NA	NA	490	NA	350	NA
Fluorene	1,000,000	2,500,000	5,600	--	ND<100	ND<100	ND<110	ND<100	ND<100	ND<110	NA	NA	ND<110	ND<110	ND<110	ND<110	ND<120	NA	NA	ND<130	NA	ND<120	NA
Indeno(1,2,3-cd)pyrene	1,000**	7,800**	1,000**	--	ND<100	ND<100	ND<110	ND<100	ND<100	ND<110	NA	NA	ND<110	130	110	ND<110	ND<120	NA	NA	220	NA	130	NA
Isophorone	640,000**	2,500,000**	740**	--	ND<200	ND<200	ND<230	ND<200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	1,000,000	2,500,000	5,600	--	ND<100	ND<100	ND<110	ND<100	ND<100	ND<110	NA	NA	ND<110	ND<110	ND<110	ND<110	ND<120	NA	NA	ND<130	NA	ND<120	NA
Phenanthrene	1,000,000	2,500,000	4,000	--	ND<100	ND<100	ND<110	ND<100	ND<100	ND<110	NA	NA	ND<110	ND<110	ND<110	ND<110	ND<120	NA	NA	180	NA	180	NA
Pyrene	1,000,000	2,500,000	4,000	--	ND<100	ND<100	ND<110	ND<100	190	ND<110	NA	NA	ND<110	470	420	ND<110	ND<120	NA	NA	440	NA	350	NA
SPLP SVOCs and/or PAHs (ug/L) via EPA Method 8270																							
Acenaphthene	--	--	--	420**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	--	--	--	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	--	--	--	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg) via EPA Method 6010C																							
Arsenic	10	10	--	--	ND<0.97	ND<0.99	ND<1.1	ND<0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.2	NA	3.8	ND<1.1
Barium	4,700	140,000	--	--	10	12	14	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22	NA	25	15
Cadmium	34	1,000	--	--	ND<0.48	ND<0.49	ND<0.53	ND<0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.65	NA	ND<0.62	ND<0.53
Chromium	100/3,900*	100/51,000*	--	--	3.6	4.7	5.3	4.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15	NA	15	5.7
Copper	2,500	76,000	--	--	4.3	5.2	5.2	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	140	NA	130	8.0
Lead	400	1,000	--	--	4.4	2.7	4.7	3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20	NA	35	3.5
Mercury (via EPA Method 7471)	20	610	--	--	ND<0.12	ND<0.12	ND<0.13	ND<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.17	NA	ND<0.15	ND<0.13
Nickel	1,400	7,500	--	--	3.3	5.0	4.4	4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	NA	9.8	5.2
Selenium	340	10,000	--	--	ND<2.4	ND<2.5	ND<2.7	ND<2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<3.2	NA	ND<3.1	ND<2.6
Silver	340	10,000	--	--	ND<1.9	ND<2.0	ND<2.1	ND<1.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<2.6	NA	ND<2.5	ND<2.1
Zinc	20,000	610,000	--	--	12	14	16	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	210	NA	160	16
SPLP Metals (mg/L) via EPA Method 6020																							
Arsenic	--	--	0.05	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.0090	NA	NA	NA
Barium	--	--	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	--	--	0.005	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	--	--	0.05	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.050	NA	NA	NA
Copper	--	--	1.3	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.040	NA	NA	NA
Lead	--	--	0.015	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.013	NA	NA	NA
Mercury (via EPA Method 7471 or 6020)	--	--	0.002	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	--	0.1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.050	NA	NA	NA
Selenium	--	--	0.05	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	--	0.036	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	--	5	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.044	NA	NA	NA

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Sample Date					09/11/2023	09/12/2023	09/11/2023	09/12/2023	09/12/2023	09/12/2023	09/12/2023	09/12/2023	09/12/2023	09/13/2023	09/13/2023	09/13/2023	09/13/2023	09/13/2023	09/13/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023
Sample Depth					1-3 FEET	10-12 FEET	1-3 FEET	6-8 FEET	0.4-2 FEET	0.3-1 FEET	1-3 FEET	0.5-2 FEET	2-4 FEET	0.5-2 FEET	0.5-2 FEET	0.5-2 FEET	12-14 FEET	0-0.5 FEET	0-0.5 FEET	0-0.5 FEET	2-4 FEET	0-1.5 FEET	0-2 FEET
PFAS (ug/kg) via EPA Method 1633																							
Perfluorodecanesulfonic acid (PFDS)	NE	NE	NE	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alcohol Analysis (mg/kg) by GC via EPA Method 8015B																							
None Detected	--	--	--	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Glycol Analysis (mg/kg) via EPA Method 8015B																							
None Detected	--	--	--	--	NA	NA	NA	NA	ND<5.2	ND<5.4	NA	NA	ND<5.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/kg) via EPA Method 8081																							
Heptachlor Epoxide	67	630	20	--	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND
Chlordane	490	2,200	66	--	ND<15	NA	NA	NA	**70**	NA	NA	**76**	NA	ND<17	NA	NA	NA	NA	NA	NA	ND<18	**110**	**92**
Dieldrin	38	360	7	--	ND<0.50	NA	NA	NA	ND<0.51	NA	NA	ND<0.53	NA	ND<0.55	NA	NA	NA	NA	NA	NA	ND<0.59	3.3	ND<0.52
Endosulfan sulfate	41,000**	1,000,000**	84**	--	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND
4,4-DDD	1,800**	17,000**	3**	--	ND<0.50	NA	NA	NA	ND<0.51	NA	NA	ND<0.53	NA	ND<0.55	NA	NA	NA	NA	NA	NA	ND<0.59	**6.0**	ND<0.52
4,4-DDE	1,800**	17,000**	3**	--	1.1	NA	NA	NA	**18**	NA	NA	**9.1**	NA	2.5	NA	NA	NA	NA	NA	NA	1.3	**49**	**19**
4,4-DDT	1,800**	17,000**	3**	--	1.3	NA	NA	NA	**19**	NA	NA	**14**	NA	2.4	NA	NA	NA	NA	NA	NA	2.5	**34**	**24**
Total DDD, DDE and DDT	1,800**	17,000**	3**	--	2	NA	NA	NA	**37**	NA	NA	**23**	NA	**4.9**	NA	NA	NA	NA	NA	NA	**4**	**89**	**43**
SPLP Pesticides (ug/L) via EPA Method 8081B																							
gamma-BHC (Lindane)	--	--	--	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND
Dieldrin	--	--	--	0.002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.0010	NA	NA	ND<0.0010
4,4-DDD	--	--	NA	0.10**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.0010	NA	NA	ND<0.0010
4,4-DDE	--	--	NA	0.10**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.0010	NA	NA	ND<0.0010
4,4-DDT	--	--	NA	0.10**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.0020	NA	NA	ND<0.0020
Total DDD, DDE and DDT	--	--	NA	0.10**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND
Herbicides (ug/kg) via EPA Method 8151																							
None Detected	--	--	--	--	ND	NA	NA	NA	NA	NA	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA

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1985 Blue Hills Avenue Extension, Windsor, CT

Parameter	RSR Criteria				Phase II/III ESA	Supp Inv	Phase II/III ESA							Supp Inv		Phase II/III ESA							
Sample ID	RDEC	I/C DEC	GA PMC	GWPC	B20 0-2ft	B20A 2-4ft	B20 6.5-8ft	B21 0-2ft	B21 2-4ft	B22 0-2ft	B23/MW7 0-2ft	B23/MW7 2-4ft	B24/MW6 0-2ft	B24A 2-4ft	B24A 4-6ft	B24/MW6 8-10ft	B24/MW6 12-14ft	B25 2-4ft	B25 8-9ft	B25 12-14ft	B26 5-7.5ft	B26 8-10ft	B26 15-17ft
Sample Date					09/11/2023	5/20/2024	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	5/20/2024	5/20/2024	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023
Sample Depth					0-2 FEET	2-4 FEET	6.5-8 FEET	0-2 FEET	2-4 FEET	0-2 FEET	0-2 FEET	2-4 FEET	0-2 FEET	2-4 FEET	4-6 FEET	8-10 FEET	12-14 FEET	2-4 FEET	8-9 FEET	12-14 FEET	5-7.5 FEET	8-10 FEET	15-17 FEET
Comments																							
ETPH (mg/kg) via CT Method	500	2,500	500	--	ND<58	NA	NA	ND<59	NA	ND<57	ND<56	NA	ND<59	NA	NA	ND<51	ND<54	ND<50	ND<52	ND<54	**700**	ND<50	ND<57
SPLP ETPH (mg/L) via CT Method	--	--	--	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.10	NA	NA
PCBs (mg/kg) via EPA Method 8082A																							
None Detected	--	--	--	--	NA	NA	NA	ND<0.059	NA	ND<0.057	ND<0.056	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/kg) via EPA Method 8260																							
Acetone	500,000	1,000,000	14,000	--	ND	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1,000,000	2,500,000	5,600	--	ND<8.0	NA	NA	ND<8.5	NA	ND<8.6	ND<7.8	NA	ND<7.7	NA	NA	ND<8.5	ND<8.1	ND<7.2	ND<7.9	ND<7.4	ND<6.1	ND<7.6	ND<7.4
m, p-Xylene	500,000	1,000,000	19,500	--	ND	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	500,000	1,000,000	8,000	--	ND	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane (ug/kg) via EPA Method 8260																							
Not Detected	6,100**	57,000**	100**	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs and/or PAHs (ug/kg) via EPA Method 8270					SVOCs			SVOCs	PAHs	SVOCs	SVOCs		PAHs	PAHs		PAHs	PAHs	PAHs	PAHs	PAHs	SVOCs	SVOCs	SVOCs
2-Methyl Naphthalene	270,000**	1,000,000**	560**	--	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND<220	NA	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	1,000,000**	2,500,000**	8,400**	--	ND<120	NA	NA	ND<120	ND<100	ND<110	ND<110	NA	ND<120	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Acenaphthylene	1,000,000	2,500,000	8,400	--	ND<120	NA	NA	430	ND<100	ND<110	220	NA	ND<120	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Anthracene	1,000,000	2,500,000	40,000	--	ND<120	NA	NA	520	ND<100	ND<110	ND<110	NA	ND<120	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Benzo(a)anthracene	1,000	7,800	1,000	--	250	NA	NA	**1,400**	ND<100	ND<110	380	NA	ND<120	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Benzo(b)fluoranthene	1,000	7,800	1,000	--	320	NA	NA	**1,500**	ND<100	ND<110	610	NA	120	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Benzo(k)fluoranthene	8,400	78,000	1,000	--	130	NA	NA	540	ND<100	ND<110	280	NA	ND<120	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Benzo(g,h,i)perylene	8,400**	78,000**	1,000**	--	230	NA	NA	800	ND<100	ND<110	480	NA	ND<120	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Benzo(a)pyrene	1,000	1,000	1,000	--	290	NA	NA	**1,200**	ND<100	ND<110	490	NA	ND<120	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Carbazole	31,000**	290,000**	200**	--	ND<230	NA	NA	ND<240	NA	ND<230	ND<230	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<220	ND<210	ND<230
Chrysene	84,000**	780,000**	1,000**	--	270	NA	NA	**1,800**	ND<100	ND<110	500	NA	ND<120	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Dibenzo(a,h)anthracene	1,000**	1,000**	1,000**	--	ND<120	NA	NA	200	ND<100	ND<110	ND<110	NA	ND<120	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Dibenzofuran	68,000**	1,000,000**	200**	--	ND<230	NA	NA	ND<240	NA	ND<230	ND<230	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<220	ND<210	ND<230
Fluoranthene	1,000,000	2,500,000	5,600	--	590	NA	NA	3,200	ND<100	ND<110	770	NA	170	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Fluorene	1,000,000	2,500,000	5,600	--	ND<120	NA	NA	390	ND<100	ND<110	ND<110	NA	ND<120	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Indeno(1,2,3-cd)pyrene	1,000**	7,800**	1,000**	--	170	NA	NA	620	ND<100	ND<110	320	NA	ND<120	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Isophorone	640,000**	2,500,000**	740**	--	ND<230	NA	NA	ND<240	NA	ND<230	ND<230	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<220	260	ND<230
Naphthalene	1,000,000	2,500,000	5,600	--	ND<120	NA	NA	ND<120	ND<100	ND<110	ND<110	NA	ND<120	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Phenanthrene	1,000,000	2,500,000	4,000	--	200	NA	NA	2,800	ND<100	ND<110	270	NA	ND<120	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
Pyrene	1,000,000	2,500,000	4,000	--	620	NA	NA	3,500	ND<100	ND<110	790	NA	150	ND<110	NA	ND<100	ND<110	ND<100	ND<110	ND<110	ND<110	ND<100	ND<110
SPLP SVOCs and/or PAHs (ug/L) via EPA Method 8270								PAHs															
Acenaphthene	--	--	--	420**	NA	NA	NA	ND<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	--	--	--	280	NA	NA	NA	ND<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	--	--	--	200	NA	NA	NA	ND<0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg) via EPA Method 6010C																							
Arsenic	10	10	--	--	2.7	NA	NA	4.4	NA	2.3	2.0	NA	3.6	NA	NA	NA	NA	ND<1.0	NA	NA	4.2	ND<0.98	ND<1.1
Barium	4,700	140,000	--	--	22	NA	NA	24	NA	26	23	NA	26	NA	NA	NA	NA	9.3	NA	NA	76	12	15
Cadmium	34	1,000	--	--	ND<0.55	NA	NA	ND<0.55	NA	ND<0.56	ND<0.55	NA	ND<0.57	NA	NA	NA	NA	ND<0.50	NA	NA	ND<0.54	ND<0.49	ND<0.56
Chromium	100/3,900*	100/51,000*	--	--	10	NA	NA	11	NA	11	10	NA	10	NA	NA	NA	NA	3.3	NA	NA	15	4.8	10
Copper	2,500	76,000	--	--	8.4	NA	NA	7.6	NA	7.3	8.6	NA	19	NA	NA	NA	NA	3.1	NA	NA	20	3.9	5.0
Lead	400	1,000	--	--	17	NA	NA	26	NA	9.5	12	NA	13	NA	NA	NA	NA	ND<2.0	NA	NA	12	ND<2.0	ND<2.2
Mercury (via EPA Method 7471)	20	610	--	--	ND<0.13	NA	NA	ND<0.15	NA	ND<0.14	0.24	NA	ND<0.15	NA	NA	NA	NA	ND<0.13	NA	NA	ND<0.13	ND<0.12	ND<0.14
Nickel	1,400	7,500	--	--	6.8	NA	NA	7.1	NA	7.5	7.6	NA	8.2	NA	NA	NA	NA	3.3	NA	NA	20	3.6	3.6
Selenium	340	10,000	--	--	ND<2.7	NA	NA	ND<2.8	NA	ND<2.8	ND<2.7	NA	ND<2.9	NA	NA	NA	NA	ND<2.5	NA	NA	ND<2.7	ND<2.5	ND<2.8
Silver	340	10,000	--	--	ND<2.2	NA	NA	ND<2.2	NA	ND<2.2	ND<2.2	NA	ND<2.3	NA	NA	NA	NA	ND<2.0	NA	NA	ND<2.2	ND<2.0	ND<2.2
Zinc	20,000	610,000	--	--	40	NA	NA	32	NA	29	29	NA	48	NA	NA	NA	NA	8.0	NA	NA	43	10	13
SPLP Metals (mg/L) via EPA Method 6020																							
Arsenic	--	--	0.05	--	ND<0.0090	NA	NA	NA	NA	NA	ND<0.0090	NA	ND<0.0090	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	--	--	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	--	--	0.005	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	--	--	0.05	--	ND<0.050	NA	NA	NA	NA	NA	ND<0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	--	--	1.3	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	--	--	0.015	--	ND<0.013	NA	NA	NA	NA	NA	**0.028**	ND<0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury (via EPA Method 7471 or 6020)	--	--	0.002	--	NA	NA	NA	NA	NA	NA	ND<0.0020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	--	0.1	--	ND<0.050	NA	NA	NA	NA	NA	ND<0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	--	--	0.05	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	--	0.036	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	--	5	--	0.027	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Summary of Soil Sample Analytical Results
1985 Blue Hills Avenue Extension, Windsor, CT

Parameter	RSR Criteria				Phase II/III ESA	Supp Inv	Phase II/III ESA							Supp Inv		Phase II/III ESA							
Sample ID	RDEC	I/C DEC	GA PMC	GWPC	B20 0-2ft	B20A 2-4ft	B20 6.5-8ft	B21 0-2ft	B21 2-4ft	B22 0-2ft	B23/MW7 0-2ft	B23/MW7 2-4ft	B24/MW6 0-2ft	B24A 2-4ft	B24A 4-6ft	B24/MW6 8-10ft	B24/MW6 12-14ft	B25 2-4ft	B25 8-9ft	B25 12-14ft	B26 5-7.5ft	B26 8-10ft	B26 15-17ft
Sample Date					09/11/2023	5/20/2024	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	5/20/2024	5/20/2024	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023
Sample Depth					0-2 FEET	2-4 FEET	6.5-8 FEET	0-2 FEET	2-4 FEET	0-2 FEET	0-2 FEET	2-4 FEET	0-2 FEET	2-4 FEET	4-6 FEET	8-10 FEET	12-14 FEET	2-4 FEET	8-9 FEET	12-14 FEET	5-7.5 FEET	8-10 FEET	15-17 FEET
PFAS (ug/kg) via EPA Method 1633																							
Perfluorodecanesulfonic acid (PFDS)	NE	NE	NE	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alcohol Analysis (mg/kg) by GC via EPA Method 8015B																							
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Glycol Analysis (mg/kg) via EPA Method 8015B																							
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/kg) via EPA Method 8081																							
Heptachlor Epoxide	67	630	20	--	ND	ND<2.6	ND	ND	NA	ND	ND	NA	ND	ND<2.8	ND<2.6	ND	NA	ND	NA	NA	ND	ND	ND
Chlordane	490	2,200	66	--	**550**	ND<16	ND<17	ND<18	NA	64	**72**	NA	**700**	**120**	ND<16	ND<16	NA	ND<15	NA	NA	ND<17	ND<15	ND<17
Dieldrin	38	360	7	--	ND<0.57	ND<0.52	ND<0.57	ND<0.59	NA	2.3	**15**	NA	ND<0.59	ND<0.56	ND<0.52	ND<0.52	NA	ND<0.50	NA	NA	ND<0.55	ND<0.51	ND<0.57
Endosulfan sulfate	41,000**	1,000,000**	84**	--	ND	ND<2.6	ND	ND	NA	ND	ND	NA	ND	ND<2.8	ND<2.6	ND	NA	ND	NA	NA	ND	ND	ND
4,4-DDD	1,800**	17,000**	3**	--	ND<0.57	ND<0.52	ND<0.57	ND<0.59	NA	ND<0.56	2.7	NA	ND<0.59	ND<0.56	ND<0.52	ND<0.52	NA	ND<0.50	NA	NA	ND<0.55	ND<0.51	ND<0.57
4,4-DDE	1,800**	17,000**	3**	--	**140**	1.2	ND<0.57	**33**	NA	**5.6**	**9.2**	NA	**200**	**24**	2.1	ND<0.52	NA	ND<0.50	NA	NA	ND<0.55	ND<0.51	ND<0.57
4,4-DDT	1,800**	17,000**	3**	--	**150**	1.3	ND<0.57	**30**	NA	**7.6**	**19**	NA	**190**	**19**	2.6	ND<0.52	NA	ND<0.50	NA	NA	ND<0.55	ND<0.51	ND<0.57
Total DDD, DDE and DDT	1,800**	17,000**	3**	--	**290**	3	ND<0.57	**63**	NA	**13**	**31**	NA	**390**	**43**	**5**	ND<0.52	NA	ND<0.50	NA	NA	ND<0.55	ND<0.51	ND<0.57
SPLP Pesticides (ug/L) via EPA Method 8081B																							
gamma-BHC (Lindane)	--	--	--	0.2	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND<0.0050	ND<0.0050	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	--	--	--	0.002	ND<0.0010	NA	NA	ND<0.0010	NA	NA	**0.0030**	ND<0.0010	ND<0.0010	ND<0.0020	ND<0.0020	NA	NA	NA	NA	NA	NA	NA	NA
4,4-DDD	--	--	NA	0.10**	ND<0.0010	NA	NA	ND<0.0010	NA	NA	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	NA	NA	NA	NA	NA	NA	NA	NA
4,4-DDE	--	--	NA	0.10**	ND<0.0010	NA	NA	ND<0.0010	NA	NA	ND<0.0010	ND<0.0010	0.0030	ND<0.0010	ND<0.0010	NA	NA	NA	NA	NA	NA	NA	NA
4,4-DDT	--	--	NA	0.10**	ND<0.0020	NA	NA	ND<0.0020	NA	NA	ND<0.0010	ND<0.0020	ND<0.0020	ND<0.0010	ND<0.0010	NA	NA	NA	NA	NA	NA	NA	NA
Total DDD, DDE and DDT	--	--	NA	0.10**	ND	NA	NA	ND	NA	NA	ND	ND	0.0030	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/kg) via EPA Method 8151																							
None Detected	--	--	--	--	ND	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes and Abbreviations:

Shaded values indicate results that may exceed one or more of the CT Remediation Standard Regulation (RSR) criteria. A comprehensive evaluation of compliance with the criteria is not shown on the table. See the report text for additional information.

1. Compliance with the GA PMC is demonstrated by the total pesticide result.
Analytes not listed were not detected above minimum laboratory reporting limits
* = Criteria apply to hexavalent/trivalent chromium
** = Criterion is from "Recommended Numeric Criteria for Common Additional Polluting Substances and Certain Alternative Criteria Requests", September 20, 2018; CTDEEP approval is required for use of these criteria.
RSR = Connecticut Remediation Standard Regulations
RDEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for areas where groundwater is classified GA
GWPC = Groundwater Protection Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
NA = Not Analyzed
ND = Not detected above the laboratory reporting limit
NE= Not Established
ETPH = Extractable total petroleum hydrocarbons
PAHs = Polynuclear aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
PFAS = Per- and Polyfluoroalkyl Substances
SPLP = Synthetic precipitation leaching procedure
SVOCs = Semi-volatile organic compounds
VOCs = Volatile organic compounds
mg/kg = milligrams per kilogram (dry weight)
mg/L = milligrams per liter
ug/kg = micrograms per kilogram (dry weight)
ug/L = micrograms per liter
ESA = Environmental Site Assessment
Supp Inv = Supplemental Investigation

Table 2
Summary of Soil Sample Analytical Results
1985 Blue Hills Avenue Extension, Windsor, CT

Parameter	RSR Criteria				Phase II/III ESA	Supp Inv		Phase II/III ESA	Supp Inv	Phase II/III ESA												
Sample ID	RDEC	I/C DEC	GA PMC	GWPC	B27 2-4ft	B27A 2-4ft	B27A 4-6ft	B27 6-7.5ft	B27A 6-7.5ft	B27 8-10ft	B27 16-18ft	B28 6-8ft	B28 16-18ft	B29 6-8.5ft	B29 9-11ft	B30 2-4ft	B30 12-14ft	B31 0-2ft	B32 2-4ft	B32 12-13ft	B33 0-0.5ft	B34 0-0.5ft
Sample Date					09/14/2023	5/21/2024	5/21/2024	09/14/2023	5/21/2024	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/11/2023	09/12/2023	09/12/2023	09/11/2023
Sample Depth					2-4 FEET	2-4 FEET	4-6 FEET	6-7.5 FEET	6-7.5 FEET	8-10 FEET	16-18 FEET	6-8 FEET	16-18 FEET	6-8.5 FEET	9-11 FEET	2-4 FEET	12-14 FEET	0-2 FEET	2-4 FEET	12-13 FEET	0-0.5 FEET	0-0.5 FEET
Comments																						
ETPH (mg/kg) via CT Method	500	2,500	500	--	ND<55	NA	NA	NA	NA	ND<51	ND<56	ND<55	ND<55	ND<53	ND<53	ND<53	ND<60	ND<56	ND<53	ND<61	ND<60	ND<60
SPLP ETPH (mg/L) via CT Method	--	--	--	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg) via EPA Method 8082A																						
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.060	ND<0.061
VOCs (ug/kg) via EPA Method 8260																						
Acetone	500,000	1,000,000	14,000	--	ND	ND<100	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
Naphthalene	1,000,000	2,500,000	5,600	--	11	ND<6.9	NA	NA	NA	ND<7.2	ND<7.5	ND<6.4	ND<7.5	ND<8.2	ND<7.3	ND<6.8	ND<7.8	ND<7.7	ND<7.5	ND<8.6	NA	NA
m, p-Xylene	500,000	1,000,000	19,500	--	ND	ND<6.9	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
2-Butanone (MEK)	500,000	1,000,000	8,000	--	ND	17	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
1,4-Dioxane (ug/kg) via EPA Method 8260																						
Not Detected	6,100**	57,000**	100**	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs and/or PAHs (ug/kg) via EPA Method 8270					SVOCs	SVOCs	SVOCs	SVOCs		SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs		
2-Methyl Naphthalene	270,000**	1,000,000**	560**	--	ND	ND<240	ND<220	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
Acenaphthene	1,000,000**	2,500,000**	8,400**	--	960	ND<120	ND<110	ND<110	NA	ND<100	ND<110	ND<110	ND<110	ND<110	ND<110	ND<110	ND<120	ND<110	ND<110	ND<120	NA	NA
Acenaphthylene	1,000,000	2,500,000	8,400	--	120	ND<120	ND<110	ND<110	NA	ND<100	ND<110	ND<110	ND<110	ND<110	ND<110	ND<110	ND<120	ND<110	ND<110	ND<120	NA	NA
Anthracene	1,000,000	2,500,000	40,000	--	1,900	ND<120	ND<110	ND<110	NA	ND<100	ND<110	210	ND<110	ND<110	ND<110	ND<110	ND<120	ND<110	ND<110	ND<120	NA	NA
Benzo(a)anthracene	1,000	7,800	1,000	--	**4,200**	170	ND<110	ND<110	NA	ND<100	ND<110	540	ND<110	250	ND<110	ND<110	ND<120	ND<110	210	ND<120	NA	NA
Benzo(b)fluoranthene	1,000	7,800	1,000	--	**4,400**	240	ND<110	ND<110	NA	ND<100	ND<110	600	ND<110	310	ND<110	ND<110	ND<120	ND<110	280	ND<120	NA	NA
Benzo(k)fluoranthene	8,400	78,000	1,000	--	**1,800**	ND<120	ND<110	ND<110	NA	ND<100	ND<110	320	ND<110	160	ND<110	ND<110	ND<120	ND<110	ND<110	ND<120	NA	NA
Benzo(g,h,i)perylene	8,400**	78,000**	1,000**	--	**2,400**	140	ND<110	ND<110	NA	ND<100	ND<110	340	ND<110	210	ND<110	ND<110	ND<120	ND<110	200	ND<120	NA	NA
Benzo(a)pyrene	1,000	1,000	1,000	--	**3,600**	180	ND<110	ND<110	NA	ND<100	ND<110	490	ND<110	250	ND<110	ND<110	ND<120	ND<110	250	ND<120	NA	NA
Carbazole	31,000**	290,000**	200**	--	**1,100**	ND<120	ND<110	ND<220	NA	ND<210	ND<230	ND<220	ND<220	ND<210	ND<210	ND<220	ND<240	ND<220	ND<220	ND<240	NA	NA
Chrysene	84,000**	780,000**	1,000**	--	**4,200**	210	ND<110	ND<110	NA	ND<100	ND<110	600	ND<110	290	ND<110	ND<110	ND<120	ND<110	220	ND<120	NA	NA
Dibenzo(a,h)anthracene	1,000**	1,000**	1,000**	--	590	ND<120	ND<110	ND<110	NA	ND<100	ND<110	ND<110	ND<110	ND<110	ND<110	ND<110	ND<120	ND<110	ND<110	ND<120	NA	NA
Dibenzofuran	68,000**	1,000,000**	200**	--	**550**	ND<120	ND<110	ND<220	NA	ND<210	ND<230	ND<220	ND<220	ND<210	ND<210	ND<220	ND<240	ND<220	ND<220	ND<240	NA	NA
Fluoranthene	1,000,000	2,500,000	5,600	--	**10,000**	400	ND<110	ND<110	NA	ND<100	ND<110	1,300	ND<110	510	ND<110	ND<110	ND<120	ND<110	380	ND<120	NA	NA
Fluorene	1,000,000	2,500,000	5,600	--	850	ND<120	ND<110	ND<110	NA	ND<100	ND<110	ND<110	ND<110	ND<110	ND<110	ND<110	ND<120	ND<110	ND<110	ND<120	NA	NA
Indeno(1,2,3-cd)pyrene	1,000**	7,800**	1,000**	--	**1,900**	120	ND<110	ND<110	NA	ND<100	ND<110	270	ND<110	160	ND<110	ND<110	ND<120	ND<110	150	ND<120	NA	NA
Isophorone	640,000**	2,500,000**	740**	--	ND<220	ND<240	ND<220	ND<220	NA	ND<210	ND<230	ND<220	ND<220	ND<210	ND<210	ND<220	ND<240	ND<220	ND<220	ND<240	NA	NA
Naphthalene	1,000,000	2,500,000	5,600	--	410	ND<120	ND<110	ND<110	NA	ND<100	ND<110	ND<110	ND<110	ND<110	ND<110	ND<110	ND<120	ND<110	ND<110	ND<120	NA	NA
Phenanthrene	1,000,000	2,500,000	4,000	--	**8,100**	200	ND<110	ND<110	NA	ND<100	ND<110	890	ND<110	280	ND<110	ND<110	ND<120	ND<110	ND<110	ND<120	NA	NA
Pyrene	1,000,000	2,500,000	4,000	--	**8,000**	340	ND<110	ND<110	NA	ND<100	ND<110	1,100	ND<110	440	ND<110	ND<110	ND<120	ND<110	500	ND<120	NA	NA
SPLP SVOCs and/or PAHs (ug/L) via EPA Method 8270					PAHs/ SVOCs																	
Acenaphthene	--	--	--	420**	1.8/ ND<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	--	--	--	280	1.3/ ND<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	--	--	--	200	2.7/ 0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg) via EPA Method 6010C																						
Arsenic	10	10	--	--	4.1	NA	NA	NA	NA	ND<0.99	ND<1.1	1.8	ND<1.1	**30**	1.1	ND<1.1	ND<1.2	1.7	2.6	ND<1.1	NA	NA
Barium	4,700	140,000	--	--	79	NA	NA	NA	NA	13	9.0	21	23	47	12	15	31	21	21	16	NA	NA
Cadmium	34	1,000	--	--	ND<0.55	NA	NA	NA	NA	ND<0.49	ND<0.56	ND<0.55	ND<0.54	0.57	ND<0.49	ND<0.53	ND<0.61	ND<0.56	ND<0.54	ND<0.57	NA	NA
Chromium	100/3,900*	100/51,000*	--	--	18	NA	NA	NA	NA	3.5	4.0	6.9	5.1	11	4.1	6.1	5.5	8.9	10	8.8	NA	NA
Copper	2,500	76,000	--	--	24	NA	NA	NA	NA	3.6	4.3	8.4	4.9	16	6.7	6.3	5.7	7.6	9.0	6.4	NA	NA
Lead	400	1,000	--	--	13	NA	NA	NA	NA	ND<2.0	ND<2.2	24	ND<2.2	86	2.0	2.7	ND<2.4	11	13	3.4	NA	NA
Mercury (via EPA Method 7471)	20	610	--	--	ND<0.14	NA	NA	NA	NA	ND<0.13	ND<0.14	ND<0.14	ND<0.13	ND<0.13	ND<0.13	ND<0.14	ND<0.15	ND<0.14	ND<0.14	ND<0.15	NA	NA
Nickel	1,400	7,500	--	--	18	NA	NA	NA	NA	3.3	3.9	5.4	3.8	7.6	4.4	6.2	4.7	5.8	8.4	5.4	NA	NA
Selenium	340	10,000	--	--	ND<2.8	NA	NA	NA	NA	ND<2.5	ND<2.8	ND<2.8	ND<2.7	ND<2.6	ND<2.4	ND<2.7	ND<3.0	ND<2.8	ND<2.7	ND<2.9	NA	NA
Silver	340	10,000	--	--	ND<2.2	NA	NA	NA	NA	ND<2.0	ND<2.2	ND<2.2	ND<2.2	ND<2.1	ND<2.0	ND<2.1	ND<2.4	ND<2.3	ND<2.1	ND<2.3	NA	NA
Zinc	20,000	610,000	--	--	50	NA	NA	NA	NA	14	8.5	35	18	290	24	11	16	27	30	13	NA	NA
SPLP Metals (mg/L) via EPA Method 6020																						
Arsenic	--	--	0.05	--	ND<0.0090	NA	NA	NA	NA	NA	NA	NA	NA	**0.065**	ND<0.0090	NA	NA	NA	NA	NA	NA	NA
Barium	--	--	1	--	0.053	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	--	--	0.005	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.0050	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	--	--	0.05	--	ND<0.050	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.050	NA	NA	NA	NA	NA	NA	NA	NA
Copper	--	--	1.3	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	--	--	0.015	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.049**	ND<0.013	NA	NA	NA	NA	NA	NA	NA
Mercury (via EPA Method 7471 or 6020)	--	--	0.002	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	--	0.1	--	ND<0.050	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.050	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	--	--	0.05	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	--	0.036	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	--	5	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.16	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Summary of Soil Sample Analytical Results
1985 Blue Hills Avenue Extension, Windsor, CT

Parameter	RSR Criteria				Phase II/III ESA	Supp Inv		Phase II/III ESA	Supp Inv	Phase II/III ESA												
Sample ID	RDEC	I/C DEC	GA PMC	GWPC	B27 2-4ft	B27A 2-4ft	B27A 4-6ft	B27 6-7.5ft	B27A 6-7.5ft	B27 8-10ft	B27 16-18ft	B28 6-8ft	B28 16-18ft	B29 6-8.5ft	B29 9-11ft	B30 2-4ft	B30 12-14ft	B31 0-2ft	B32 2-4ft	B32 12-13ft	B33 0-0.5ft	B34 0-0.5ft
Sample Date					09/14/2023	5/21/2024	5/21/2024	09/14/2023	5/21/2024	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/14/2023	09/11/2023	09/12/2023	09/12/2023	09/11/2023
Sample Depth					2-4 FEET	2-4 FEET	4-6 FEET	6-7.5 FEET	6-7.5 FEET	8-10 FEET	16-18 FEET	6-8 FEET	16-18 FEET	6-8.5 FEET	9-11 FEET	2-4 FEET	12-14 FEET	0-2 FEET	2-4 FEET	12-13 FEET	0-0.5 FEET	0-0.5 FEET
PFAS (ug/kg) via EPA Method 1633																						
Perfluorodecanesulfonic acid (PFDS)	NE	NE	NE	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alcohol Analysis (mg/kg) by GC via EPA Method 8015B																						
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<1.0	ND<1.0	NA	NA
Glycol Analysis (mg/kg) via EPA Method 8015B																						
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<5.4	ND<6.1	NA	NA
Pesticides (ug/kg) via EPA Method 8081																						
Heptachlor Epoxide	67	630	20	--	ND	NA	NA	NA	ND<2.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	NA
Chlordane	490	2,200	66	--	ND<17	NA	NA	NA	ND<17	ND<15	ND<17	ND<17	ND<17	ND<16	ND<16	ND<16	ND<18	ND<17	NA	NA	**150**	NA
Dieldrin	38	360	7	--	ND<0.55	NA	NA	NA	ND<0.56	ND<0.51	ND<0.57	ND<0.55	ND<0.55	ND<0.53	ND<0.52	ND<0.54	ND<0.60	ND<0.57	NA	NA	ND<0.61	NA
Endosulfan sulfate	41,000**	1,000,000**	84**	--	ND	NA	NA	NA	ND<2.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	NA
4,4-DDD	1,800**	17,000**	3**	--	**11**	NA	NA	NA	ND<0.56	ND<0.51	ND<0.57	**3.2**	ND<0.55	ND<0.53	ND<0.52	ND<0.54	ND<0.60	ND<0.57	NA	NA	ND<0.61	NA
4,4-DDE	1,800**	17,000**	3**	--	**36**	NA	NA	NA	1.7	ND<0.51	ND<0.57	**28**	**14**	**21**	ND<0.52	ND<0.54	ND<0.60	**34**	NA	NA	**40**	NA
4,4-DDT	1,800**	17,000**	3**	--	**14**	NA	NA	NA	ND<0.56	ND<0.51	ND<0.57	**8.6**	ND<0.55	**88**	ND<0.52	ND<0.54	ND<0.60	**15**	NA	NA	**49**	NA
Total DDD, DDE and DDT	1,800**	17,000**	3**	--	**61**	NA	NA	NA	2	ND<0.51	ND<0.57	**40**	**14**	**109**	ND<0.52	ND<0.54	ND<0.60	**49**	NA	NA	**89**	NA
SPLP Pesticides (ug/L) via EPA Method 8081B																						
gamma-BHC (Lindane)	--	--	--	0.2	ND	NA	NA	NA	NA	NA	NA	ND	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA
Dieldrin	--	--	--	0.002	ND<0.0010	NA	NA	NA	NA	NA	NA	ND<0.0010	NA	ND<0.0010	NA	NA	NA	ND<0.0010	NA	NA	ND<0.0010	NA
4,4-DDD	--	--	NA	0.10**	ND<0.0010	NA	NA	NA	NA	NA	NA	ND<0.0010	NA	ND<0.0010	NA	NA	NA	ND<0.0010	NA	NA	ND<0.0010	NA
4,4-DDE	--	--	NA	0.10**	0.005	NA	NA	NA	NA	NA	NA	ND<0.0010	NA	ND<0.0010	NA	NA	NA	0.0020	NA	NA	ND<0.0010	NA
4,4-DDT	--	--	NA	0.10**	ND<0.0020	NA	NA	NA	NA	NA	NA	ND<0.0020	NA	0.0060	NA	NA	NA	ND<0.0020	NA	NA	ND<0.0020	NA
Total DDD, DDE and DDT	--	--	NA	0.10**	0.005	NA	NA	NA	NA	NA	NA	ND	NA	0.0060	NA	NA	NA	0.0020	NA	NA	ND	NA
Herbicides (ug/kg) via EPA Method 8151																						
None Detected	--	--	--	--	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA

Notes and Abbreviations:

Shaded values indicate results that may exceed one or more of the CT Remediation Standard Regulation (RSR) criteria. A comprehensive evaluation of compliance with the criteria is not shown on the table. See the report text for additional information.

1. Compliance with the GA PMC is demonstrated by the total pesticide result.
Analytes not listed were not detected above minimum laboratory reporting limits
* = Criteria apply to hexavalent/trivalent chromium
** = Criterion is from "Recommended Numeric Criteria for Common Additional Polluting Substances and Certain Alternative Criteria Requests", September 20, 2018; CTDEEP approval is required for use of these criteria.
RSR = Connecticut Remediation Standard Regulations
RDEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for areas where groundwater is classified GA
GWPC = Groundwater Protection Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
NA = Not Analyzed
ND = Not detected above the laboratory reporting limit
NE= Not Established
ETPH = Extractable total petroleum hydrocarbons
PAHs = Polynuclear aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
PFAS = Per- and Polyfluoroalkyl Substances
SPLP = Synthetic precipitation leaching procedure
SVOCs = Semi-volatile organic compounds
VOCs = Volatile organic compounds
mg/kg = milligrams per kilogram (dry weight)
mg/L = milligrams per liter
ug/kg = micrograms per kilogram (dry weight)
ug/L = micrograms per liter
ESA = Environmental Site Assessment
Supp Inv = Supplemental Investigation

Table 2
Summary of Soil Sample Analytical Results
1985 Blue Hills Avenue Extension, Windsor, CT

Parameter	RSR Criteria				Phase II/III ESA - Building Interior - Soil Samples								Supp Inv									
Sample ID	RDEC	I/C DEC	GA PMC	GWPC	B35 0.5-1.5ft		B36 0.5-1.5ft	B36 1.5-2.5ft	B37 0.5-1.5ft		B38 0.5-1.5ft	B39 0.5-1.5ft	B40 0.3-1ft	B41 0.3-1ft	B42 0-2ft	B42 12-14ft	B43 0-2ft	B44 2-4ft	B44 4-6ft	B44 16-18ft	B45 0-2ft	B45 4-6ft	B46 2-4ft
Sample Date					10/09/2023		10/09/2023	10/09/2023	10/09/2023		10/09/2023	10/09/2023	5/20/2024	5/20/2024	5/21/2024	5/21/2024	5/20/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024
Sample Depth					0.5-1.5 FEET		0.5-1.5 FEET	1.5-2.5 FEET	0.5-1.5 FEET		0.5-1.5 FEET	0.5-1.5 FEET	0.3-1 FEET	0.3-1 FEET	0-2 FEET	12-14 FEET	0-2 FEET	2-4 FEET	4-6 FEET	16-18 FEET	0-2 FEET	4-6 FEET	2-4 FEET
Comments						Duplicate				Duplicate													
ETPH (mg/kg) via CT Method	500	2,500	500	--	ND<50	NA	ND<51	NA	ND<50	NA	ND<51	ND<50	ND<56	ND<58	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPLP ETPH (mg/L) via CT Method	--	--	--	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg) via EPA Method 8082A																							
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/kg) via EPA Method 8260																							
Acetone	500,000	1,000,000	14,000	--	ND	NA	ND	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<100
Naphthalene	1,000,000	2,500,000	5,600	--	ND<6.9	NA	ND<6.4	NA	ND<7.8	NA	ND<6.8	ND<7.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<6.8
m, p-Xylene	500,000	1,000,000	19,500	--	ND	NA	ND	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<6.8
2-Butanone (MEK)	500,000	1,000,000	8,000	--	ND	NA	ND	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<17
1,4-Dioxane (ug/kg) via EPA Method 8260																							
Not Detected	6,100**	57,000**	100**	--	ND<2.5	NA	ND<2.6	NA	ND<2.6	NA	ND<2.6	ND<2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs and/or PAHs (ug/kg) via EPA Method 8270					SVOCs		SVOCs		SVOCs		SVOCs	SVOCs						PAHs			PAHs	PAHs	SVOCs
2-Methyl Naphthalene	270,000**	1,000,000**	560**	--	ND	NA	ND	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	ND<280	NA	NA	ND<230	ND<220	ND<220
Acenaphthene	1,000,000**	2,500,000**	8,400**	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	ND<140	NA	NA	120	ND<110	ND<110
Acenaphthylene	1,000,000	2,500,000	8,400	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	ND<140	NA	NA	ND<120	ND<110	ND<110
Anthracene	1,000,000	2,500,000	40,000	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	ND<140	NA	NA	290	ND<110	ND<110
Benzo(a)anthracene	1,000	7,800	1,000	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	ND<140	NA	NA	720	300	ND<110
Benzo(b)fluoranthene	1,000	7,800	1,000	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	200	NA	NA	880	330	ND<110
Benzo(k)fluoranthene	8,400	78,000	1,000	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	ND<140	NA	NA	360	220	ND<110
Benzo(g,h,i)perylene	8,400**	78,000**	1,000**	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	ND<140	NA	NA	490	260	ND<110
Benzo(a)pyrene	1,000	1,000	1,000	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	150	NA	NA	700	310	ND<110
Carbazole	31,000**	290,000**	200**	--	ND<200	NA	ND<200	NA	ND<200	NA	ND<200	ND<200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<110
Chrysene	84,000**	780,000**	1,000**	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	190	NA	NA	760	330	110
Dibenzo(a,h)anthracene	1,000**	1,000**	1,000**	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	ND<140	NA	NA	120	ND<110	ND<110
Dibenzofuran	68,000**	1,000,000**	200**	--	ND<200	NA	ND<200	NA	ND<200	NA	ND<200	ND<200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<110
Fluoranthene	1,000,000	2,500,000	5,600	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	420	NA	NA	1,700	810	170
Fluorene	1,000,000	2,500,000	5,600	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	ND<140	NA	NA	120	ND<110	ND<110
Indeno(1,2,3-cd)pyrene	1,000**	7,800**	1,000**	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	ND<140	NA	NA	380	180	ND<110
Isophorone	640,000**	2,500,000**	740**	--	ND<200	NA	ND<200	NA	ND<200	NA	ND<200	ND<200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<220
Naphthalene	1,000,000	2,500,000	5,600	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	ND<140	NA	NA	ND<120	ND<110	ND<110
Phenanthrene	1,000,000	2,500,000	4,000	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	220	NA	NA	1,200	430	170
Pyrene	1,000,000	2,500,000	4,000	--	ND<100	NA	ND<100	NA	ND<100	NA	ND<100	ND<100	NA	NA	NA	NA	NA	330	NA	NA	1,500	700	210
SPLP SVOCs and/or PAHs (ug/L) via EPA Method 8270																							
Acenaphthene	--	--	--	420**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	--	--	--	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	--	--	--	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg) via EPA Method 6010C																							
Arsenic	10	10	--	--	1.1	NA	2.6	NA	1.8	NA	ND<1.0	1.7	NA	NA	2.3	NA	NA	3.6	2.4	NA	NA	NA	NA
Barium	4,700	140,000	--	--	14	NA	22	NA	17	NA	38	15	NA	NA	20	NA	NA	34	28	NA	NA	NA	NA
Cadmium	34	1,000	--	--	ND<0.49	NA	0.54	NA	ND<0.48	NA	ND<0.50	ND<0.51	NA	NA	ND<0.52	NA	NA	ND<0.64	ND<0.60	NA	NA	NA	NA
Chromium	100/3,900*	100/51,000*	--	--	5.6	NA	22	NA	5.6	NA	4.3	5.6	NA	NA	11	NA	NA	12	14	NA	NA	NA	NA
Copper	2,500	76,000	--	--	6.1	NA	29	NA	7.8	NA	8.1	15	NA	NA	19	NA	NA	10	8.4	NA	NA	NA	NA
Lead	400	1,000	--	--	4.2	NA	6.9	NA	6.2	NA	4.1	6.5	NA	NA	10	NA	NA	48	36	NA	NA	NA	NA
Mercury (via EPA Method 7471)	20	610	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.14	NA	NA	ND<0.16	ND<0.16	NA	NA	NA	NA
Nickel	1,400	7,500	--	--	5.2	NA	16	NA	6.4	NA	4.4	6.2	NA	NA	7.5	NA	NA	7.4	7.4	NA	NA	NA	NA
Selenium	340	10,000	--	--	ND<2.4	NA	ND<2.6	NA	ND<2.4	NA	ND<2.5	ND<2.5	NA	NA	ND<2.6	NA	NA	ND<3.2	ND<3.0	NA	NA	NA	NA
Silver	340	10,000	--	--	ND<1.9	NA	ND<2.1	NA	ND<1.9	NA	ND<2.0	ND<2.0	NA	NA	ND<2.1	NA	NA	ND<2.6	ND<2.4	NA	NA	NA	NA
Zinc	20,000	610,000	--	--	18	NA	52	NA	25	NA	23	34	NA	NA	36	NA	NA	54	39	NA	NA	NA	NA
SPLP Metals (mg/L) via EPA Method 6020																							
Arsenic	--	--	0.05	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.010	NA	NA	ND<0.010	NA	NA	NA	NA	NA
Barium	--	--	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.056	NA	NA	ND<0.056	NA	NA	NA	NA	NA
Cadmium	--	--	0.005	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.0056	NA	NA	ND<0.0056	NA	NA	NA	NA	NA
Chromium	--	--	0.05	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.056	NA	NA	ND<0.056	NA	NA	NA	NA	NA
Copper	--	--	1.3	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.044	NA	NA	ND<0.044	NA	NA	NA	NA	NA
Lead	--	--	0.015	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.014	NA	NA	**0.053**	ND<0.014	NA	NA	NA	NA
Mercury (via EPA Method 7471 or 6020)	--	--	0.002	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.0022	NA	NA	ND<0.0022	NA	NA	NA	NA	NA
Nickel	--	--	0.1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.056	NA	NA	ND<0.056	NA	NA	NA	NA	NA
Selenium	--	--	0.05	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.011	NA	NA	ND<0.011	NA	NA	NA	NA	NA
Silver	--	--	0.036	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.022	NA	NA	ND<0.022	NA	NA	NA	NA	NA
Zinc	--	--	5	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025	NA	NA	0.075	NA	NA	NA	NA	NA

Table 2
Summary of Soil Sample Analytical Results
1985 Blue Hills Avenue Extension, Windsor, CT

Parameter	RSR Criteria				Phase II/III ESA - Building Interior - Soil Samples								Supp Inv									
Sample ID	RDEC	I/C DEC	GA PMC	GWPC	B35 0.5-1.5ft	B36 0.5-1.5ft	B36 1.5-2.5ft	B37 0.5-1.5ft		B38 0.5-1.5ft	B39 0.5-1.5ft		B40 0.3-1ft	B41 0.3-1ft	B42 0-2ft	B42 12-14ft	B43 0-2ft	B44 2-4ft	B44 4-6ft	B44 16-18ft	B45 0-2ft	B45 4-6ft	B46 2-4ft
Sample Date					10/09/2023	10/09/2023	10/09/2023	10/09/2023		10/09/2023	10/09/2023		5/20/2024	5/20/2024	5/21/2024	5/21/2024	5/20/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024
Sample Depth					0.5-1.5 FEET	0.5-1.5 FEET	1.5-2.5 FEET	0.5-1.5 FEET		0.5-1.5 FEET	0.5-1.5 FEET		0.3-1 FEET	0.3-1 FEET	0-2 FEET	12-14 FEET	0-2 FEET	2-4 FEET	4-6 FEET	16-18 FEET	0-2 FEET	4-6 FEET	2-4 FEET
PFAS (ug/kg) via EPA Method 1633																							
Perfluorodecanesulfonic acid (PFDS)	NE	NE	NE	--	ND<0.090	ND<0.090	0.11	ND<0.096		ND<0.099	ND<0.099	ND<0.094	ND<0.092	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alcohol Analysis (mg/kg) by GC via EPA Method 8015B																							
None Detected	--	--	--	--	ND<1.0	NA	ND<1.0	NA		ND<1.0	NA	ND<1.0	ND<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Glycol Analysis (mg/kg) via EPA Method 8015B																							
None Detected	--	--	--	--	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/kg) via EPA Method 8081																							
Heptachlor Epoxide	67	630	20	--	NA	NA	NA	NA		NA	NA	NA	NA	NA	ND<2.9	ND<2.8	ND<2.8	ND<3.4	NA	ND<2.7	ND<2.9	ND<2.8	NA
Chlordane	490	2,200	66	--	NA	NA	NA	NA		NA	NA	NA	NA	NA	**360**	ND<17	49	**100**	NA	ND<16	ND<17	ND<17	NA
Dieldrin	38	360	7	--	NA	NA	NA	NA		NA	NA	NA	NA	NA	ND<0.58	ND<0.56	ND<0.57	**30**	NA	0.81	ND<0.58	ND<0.56	NA
Endosulfan sulfate	41,000**	1,000,000**	84**	--	NA	NA	NA	NA		NA	NA	NA	NA	NA	ND<2.9	ND<2.8	ND<2.8	ND<3.4	NA	ND<2.7	ND<2.9	ND<2.8	NA
4,4-DDD	1,800**	17,000**	3**	--	NA	NA	NA	NA		NA	NA	NA	NA	NA	ND<0.58	ND<0.56	ND<0.57	**68**	NA	1.3	ND<0.58	ND<0.56	NA
4,4-DDE	1,800**	17,000**	3**	--	NA	NA	NA	NA		NA	NA	NA	NA	NA	**160**	5.1	**45**	**190**	NA	5.1	ND<0.58	ND<0.56	NA
4,4-DDT	1,800**	17,000**	3**	--	NA	NA	NA	NA		NA	NA	NA	NA	NA	**170**	3.7	**34**	**51**	NA	2.7	ND<0.58	ND<0.56	NA
Total DDD, DDE and DDT	1,800**	17,000**	3**	--	NA	NA	NA	NA		NA	NA	NA	NA	NA	**330**	9	**79**	**309**	NA	9	ND<0.58	ND<0.56	NA
SPLP Pesticides (ug/L) via EPA Method 8081B																							
gamma-BHC (Lindane)	--	--	--	0.2	NA	NA	NA	NA		NA	NA	NA	NA	NA	ND<0.0050	NA	ND<0.0050	ND<0.0050	NA	NA	NA	NA	NA
Dieldrin	--	--	--	0.002	NA	NA	NA	NA		NA	NA	NA	NA	NA	ND<0.0020	NA	ND<0.0020	ND<0.0020	NA	NA	NA	NA	NA
4,4-DDD	--	--	NA	0.10**	NA	NA	NA	NA		NA	NA	NA	NA	NA	ND<0.0010	NA	ND<0.0010	ND<0.0010	NA	NA	NA	NA	NA
4,4-DDE	--	--	NA	0.10**	NA	NA	NA	NA		NA	NA	NA	NA	NA	0.006	NA	0.002	ND<0.0010	NA	NA	NA	NA	NA
4,4-DDT	--	--	NA	0.10**	NA	NA	NA	NA		NA	NA	NA	NA	NA	ND<0.0010	NA	ND<0.0010	ND<0.0010	NA	NA	NA	NA	NA
Total DDD, DDE and DDT	--	--	NA	0.10**	NA	NA	NA	NA		NA	NA	NA	NA	NA	0.006	NA	0.002	ND	NA	NA	NA	NA	NA
Herbicides (ug/kg) via EPA Method 8151																							
None Detected	--	--	--	--	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes and Abbreviations:

Shaded values indicate results that may exceed one or more of the CT Remediation Standard Regulation (RSR) criteria. A comprehensive evaluation of compliance with the criteria is not shown on the table. See the report text for additional information.

1. Compliance with the GA PMC is demonstrated by the total pesticide result.
Analytes not listed were not detected above minimum laboratory reporting limits
* = Criteria apply to hexavalent/trivalent chromium
** = Criterion is from "Recommended Numeric Criteria for Common Additional Polluting Substances and Certain Alternative Criteria Requests", September 20, 2018; CTDEEP approval is required for use of these criteria.
RSR = Connecticut Remediation Standard Regulations
RDEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for areas where groundwater is classified GA
GWPC = Groundwater Protection Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
NA = Not Analyzed
ND = Not detected above the laboratory reporting limit
NE= Not Established
ETPH = Extractable total petroleum hydrocarbons
PAHs = Polynuclear aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
PFAS = Per- and Polyfluoroalkyl Substances
SPLP = Synthetic precipitation leaching procedure
SVOCs = Semi-volatile organic compounds
VOCs = Volatile organic compounds
mg/kg = milligrams per kilogram (dry weight)
mg/L = milligrams per liter
ug/kg = micrograms per kilogram (dry weight)
ug/L = micrograms per liter
ESA = Environmental Site Assessment
Supp Inv = Supplemental Investigation

Table 2
Summary of Soil Sample Analytical Results
1985 Blue Hills Avenue Extension, Windsor, CT

Parameter	RSR Criteria				Supp Inv																
Sample ID	**RDEC**	**I/C DEC**	**GA PMC**	**GWPC**	**B47 2-4ft**	**B47 8-9.5ft**	**B48 2-4ft**	**B48 4-5ft**	**B49 4-6ft**	**B49 6-8ft**	**B50 0-2ft**	**B50 6-8ft**	**B51 6-7.5ft**	**B52 4-6ft**	**B53 0-2ft**	**B53 6-8ft**	**B54 6-8ft**	**B55 0-2ft**	**B56 2-4ft**	**B56 4-6ft**	**B57 0-2ft**	**B57 2-4ft**
Sample Date					**5/21/2024**	**5/21/2024**	**5/21/2024**	**5/21/2024**	**5/21/2024**	**5/21/2024**	**5/21/2024**	**5/21/2024**	**5/21/2024**	**5/21/2024**	**5/21/2024**	**5/21/2024**	**5/21/2024**	**5/20/2024**	**5/21/2024**	**5/21/2024**	**5/20/2024**	**5/20/2024**
Sample Depth					**2-4 FEET**	**8-9.5 FEET**	**2-4 FEET**	**4-5 FEET**	**4-6 FEET**	**6-8 FEET**	**0-2 FEET**	**6-8 FEET**	**6-7.5 FEET**	**4-6 FEET**	**0-2 FEET**	**6-8 FEET**	**6-8 FEET**	**0-2 FEET**	**2-4 FEET**	**4-6 FEET**	**0-2 FEET**	**2-4 FEET**
Comments																		**SEE B25 2-4ft**				
ETPH (mg/kg) via CT Method	500	2,500	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<56	NA	ND<57	ND<52	NA	NA	NA	NA	NA
SPLP ETPH (mg/L) via CT Method	--	--	--	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg) via EPA Method 8082A																						
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/kg) via EPA Method 8260																						
Acetone	500,000	1,000,000	14,000	--	120	NA	ND<92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	1,000,000	2,500,000	5,600	--	ND<6.9	NA	ND<6.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m, p-Xylene	500,000	1,000,000	19,500	--	ND<6.9	NA	ND<6.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	500,000	1,000,000	8,000	--	30	NA	ND<15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (ug/kg) via EPA Method 8260																						
Not Detected	6,100**	57,000**	100**	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs and/or PAHs (ug/kg) via EPA Method 8270					SVOCs		SVOCs	SVOCs	PAHs	PAHs		PAHs	PAHs	PAHs		PAHs	PAHs	PAHs	PAHs	PAHs	PAHs	
2-Methyl Naphthalene	270,000**	1,000,000**	560**	--	ND<230	NA	ND<230	ND<230	ND<210	ND<210	NA	ND<210	ND<210	ND<220	NA	ND<220	ND<230	ND<230	ND<220	ND<230	NA	NA
Acenaphthene	1,000,000**	2,500,000**	8,400**	--	ND<120	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	ND<110	NA	ND<110	ND<100	ND<120	300	950	ND<120	NA
Acenaphthylene	1,000,000	2,500,000	8,400	--	ND<120	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	ND<110	NA	ND<110	ND<110	ND<120	ND<110	160	ND<120	NA
Anthracene	1,000,000	2,500,000	40,000	--	ND<120	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	ND<110	NA	ND<110	130	ND<120	560	1,800	ND<120	NA
Benzo(a)anthracene	1,000	7,800	1,000	--	190	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	120	NA	ND<110	370	ND<120	**1,300**	**4,100**	230	NA
Benzo(b)fluoranthene	1,000	7,800	1,000	--	300	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	160	NA	ND<110	490	130	**1,600**	**4,500**	270	NA
Benzo(k)fluoranthene	8,400	78,000	1,000	--	ND<120	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	ND<110	NA	ND<110	210	ND<120	660	**2,200**	140	NA
Benzo(g,h,i)perylene	8,400**	78,000**	1,000**	--	210	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	ND<110	NA	ND<110	280	ND<120	860	**2,600**	180	NA
Benzo(a)pyrene	1,000	1,000	1,000	--	250	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	140	NA	ND<110	390	ND<120	**1,300**	**3,900**	240	NA
Carbazole	31,000**	290,000**	200**	--	ND<120	NA	ND<110	ND<110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	84,000**	780,000**	1,000**	--	250	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	130	NA	ND<110	430	ND<120	**1,500**	**4,300**	250	NA
Dibenzo(a,h)anthracene	1,000**	1,000**	1,000**	--	ND<120	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	ND<110	NA	ND<110	ND<100	ND<120	220	660	ND<120	NA
Dibenzofuran	68,000**	1,000,000**	200**	--	ND<120	NA	ND<110	ND<110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1,000,000	2,500,000	5,600	--	470	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	240	NA	ND<110	1,000	200	3,700	**11,000**	430	NA
Fluorene	1,000,000	2,500,000	5,600	--	ND<120	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	ND<110	NA	ND<110	ND<100	ND<120	340	960	ND<120	NA
Indeno(1,2,3-cd)pyrene	1,000**	7,800**	1,000**	--	140	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	ND<110	NA	ND<110	220	ND<120	700	**2,100**	140	NA
Isophorone	640,000**	2,500,000**	740**	--	ND<230	NA	ND<230	ND<230	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	1,000,000	2,500,000	5,600	--	ND<120	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	ND<110	NA	ND<110	ND<100	ND<120	190	560	ND<120	NA
Phenanthrene	1,000,000	2,500,000	4,000	--	290	NA	ND<110	ND<110	ND<110	ND<100	NA	ND<110	ND<100	ND<110	NA	ND<110	880	130	3,200	**9,900**	220	NA
Pyrene	1,000,000	2,500,000	4,000	--	550	NA	ND<110	130	ND<110	ND<100	NA	ND<110	ND<100	210	NA	ND<110	800	220	2,900	**8,900**	530	NA
SPLP SVOCs and/or PAHs (ug/L) via EPA Method 8270																						
Acenaphthene	--	--	--	420**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<1.0	NA	NA	NA
Naphthalene	--	--	--	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<1.0	NA	NA	NA
Phenanthrene	--	--	--	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2	NA	NA	NA
Total Metals (mg/kg) via EPA Method 6010C																						
Arsenic	10	10	--	--	NA	5.2	NA	5	1.3	ND<1.0	NA	1.1	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	4,700	140,000	--	--	NA	67	NA	71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	34	1,000	--	--	NA	ND<0.56	NA	ND<0.56	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	100/3,900*	100/51,000*	--	--	NA	23	NA	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	2,500	76,000	--	--	NA	24	NA	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	400	1,000	--	--	NA	13	NA	13	42	3.3	NA	2.8	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury (via EPA Method 7471)	20	610	--	--	NA	ND<0.13	NA	ND<0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	1,400	7,500	--	--	NA	19	NA	18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	340	10,000	--	--	NA	ND<2.8	NA	ND<2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	340	10,000	--	--	NA	ND<2.3	NA	ND<2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	20,000	610,000	--	--	NA	47	NA	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPLP Metals (mg/L) via EPA Method 6020																						
Arsenic	--	--	0.05	--	NA	NA	NA	ND<0.010	ND<0.0090	ND<0.0090	NA	ND<0.0090	ND<0.0090	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	--	--	1	--	NA	NA	NA	0.094	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	--	--	0.005	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	--	--	0.05	--	NA	NA	NA	ND<0.056	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	--	--	1.3	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	--	--	0.015	--	NA	NA	NA	NA	ND<0.013	ND<0.013	NA	ND<0.013	ND<0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury (via EPA Method 7471 or 6020)	--	--	0.002	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	--	0.1	--	NA	NA	NA	ND<0.056	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	--	--	0.05	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	--	0.036	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	--	5	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Summary of Soil Sample Analytical Results
1985 Blue Hills Avenue Extension, Windsor, CT

Parameter	RSR Criteria				Supp Inv																
Sample ID	RDEC	I/C DEC	GA PMC	GWPC	B47 2-4ft	B47 8-9.5ft	B48 2-4ft	B48 4-5ft	B49 4-6ft	B49 6-8ft	B50 0-2ft	B50 6-8ft	B51 6-7.5ft	B52 4-6ft	B53 0-2ft	B53 6-8ft	B54 6-8ft	B55 0-2ft	B56 2-4ft	B56 4-6ft	B57 0-2ft	B57 2-4ft
Sample Date					5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/21/2024	5/20/2024	5/21/2024	5/21/2024	5/20/2024	5/20/2024
Sample Depth					2-4 FEET	8-9.5 FEET	2-4 FEET	4-5 FEET	4-6 FEET	6-8 FEET	0-2 FEET	6-8 FEET	6-7.5 FEET	4-6 FEET	0-2 FEET	6-8 FEET	6-8 FEET	0-2 FEET	2-4 FEET	4-6 FEET	0-2 FEET	2-4 FEET
PFAS (ug/kg) via EPA Method 1633																						
Perfluorodecanesulfonic acid (PFDS)	NE	NE	NE	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alcohol Analysis (mg/kg) by GC via EPA Method 8015B																						
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Glycol Analysis (mg/kg) via EPA Method 8015B																						
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/kg) via EPA Method 8081																						
Heptachlor Epoxide	67	630	20	--	ND<2.9	ND<2.8	NA	NA	NA	ND<2.6	ND<3.0	NA	NA	NA	ND<2.9	NA	NA	14	ND<2.8	NA	ND<2.9	ND<2.6
Chlordane	490	2,200	66	--	ND<18	ND<17	NA	NA	NA	ND<15	**150**	NA	NA	NA	ND<18	NA	NA	**540**	ND<17	NA	44	ND<15
Dieldrin	38	360	7	--	ND<0.58	ND<0.57	NA	NA	NA	ND<0.52	ND<0.59	NA	NA	NA	ND<0.59	NA	NA	ND<0.58	0.94	NA	ND<0.58	ND<0.51
Endosulfan sulfate	41,000**	1,000,000**	84**	--	ND<2.9	ND<2.8	NA	NA	NA	ND<2.6	ND<3.0	NA	NA	NA	13	NA	NA	ND<2.9	ND<2.8	NA	5.7	ND<2.6
4,4-DDD	1,800**	17,000**	3**	--	ND<0.58	ND<0.57	NA	NA	NA	ND<0.52	ND<0.59	NA	NA	NA	**24**	NA	NA	ND<0.58	0.84	NA	ND<0.58	ND<0.51
4,4-DDE	1,800**	17,000**	3**	--	ND<0.58	**3.3**	NA	NA	NA	ND<0.52	**77**	NA	NA	NA	**83**	NA	NA	**170**	1.3	NA	**50**	0.93
4,4-DDT	1,800**	17,000**	3**	--	ND<0.58	**5.1**	NA	NA	NA	ND<0.52	**62**	NA	NA	NA	**60**	NA	NA	**150**	1.4	NA	**48**	ND<0.51
Total DDD, DDE and DDT	1,800**	17,000**	3**	--	ND<0.58	**8**	NA	NA	NA	ND<0.52	**139**	NA	NA	NA	**167**	NA	NA	**320**	**4**	NA	**98**	1
SPLP Pesticides (ug/L) via EPA Method 8081B																						
gamma-BHC (Lindane)	--	--	--	0.2	NA	ND<0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.0050	ND<0.0050	NA	ND<0.0050	NA
Dieldrin	--	--	--	0.002	NA	ND<0.0020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.0020	ND<0.0020	NA	ND<0.0020	NA
4,4-DDD	--	--	NA	0.10**	NA	ND<0.0010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.0010	ND<0.0010	NA	ND<0.0010	NA
4,4-DDE	--	--	NA	0.10**	NA	ND<0.0010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.006	ND<0.0010	NA	ND<0.0010	NA
4,4-DDT	--	--	NA	0.10**	NA	ND<0.0010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005	ND<0.0010	NA	ND<0.0010	NA
Total DDD, DDE and DDT	--	--	NA	0.10**	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011	ND	NA	ND	NA
Herbicides (ug/kg) via EPA Method 8151																						
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes and Abbreviations:

Shaded values indicate results that may exceed one or more of the CT Remediation Standard Regulation (RSR) criteria. A comprehensive evaluation of compliance with the criteria is not shown on the table. See the report text for additional information.

1. Compliance with the GA PMC is demonstrated by the total pesticide result.
Analytes not listed were not detected above minimum laboratory reporting limits
* = Criteria apply to hexavalent/trivalent chromium
** = Criterion is from "Recommended Numeric Criteria for Common Additional Polluting Substances and Certain Alternative Criteria Requests", September 20, 2018; CTDEEP approval is required for use of these criteria.
RSR = Connecticut Remediation Standard Regulations
RDEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for areas where groundwater is classified GA
GWPC = Groundwater Protection Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
NA = Not Analyzed
ND = Not detected above the laboratory reporting limit
NE= Not Established
ETPH = Extractable total petroleum hydrocarbons
PAHs = Polynuclear aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
PFAS = Per- and Polyfluoroalkyl Substances
SPLP = Synthetic precipitation leaching procedure
SVOCs = Semi-volatile organic compounds
VOCs = Volatile organic compounds
mg/kg = milligrams per kilogram (dry weight)
mg/L = milligrams per liter
ug/kg = micrograms per kilogram (dry weight)
ug/L = micrograms per liter
ESA = Environmental Site Assessment
Supp Inv = Supplemental Investigation

Table 2
Summary of Soil Sample Analytical Results
1985 Blue Hills Avenue Extension, Windsor, CT

Parameter	RSR Criteria				Supp Inv												
Sample ID	RDEC	I/C DEC	GA PMC	GWPC	B58 0.5-2ft	B58 10-12ft	B59 0-2ft	B59 2-4ft	B60 0-2ft	B60 2-4ft	B61 0-2ft	B61 2-4ft	B62 0-2ft	B63 0-2ft	B63 2-4ft	B64 0-2ft	B64 2-4ft
Sample Date					5/20/2024	5/21/2024	5/20/2024	5/21/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024
Sample Depth					0.5-2 FEET	10-12 FEET	0-2 FEET	2-4 FEET	0-2 FEET	2-4 FEET	0-2 FEET	2-4 FEET	0-2 FEET	0-2 FEET	2-4 FEET	0-2 FEET	2-4 FEET
Comments																	
ETPH (mg/kg) via CT Method	500	2,500	500	--	ND<52	ND<55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPLP ETPH (mg/L) via CT Method	--	--	--	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/kg) via EPA Method 8082A																	
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/kg) via EPA Method 8260																	
Acetone	500,000	1,000,000	14,000	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<110	NA	NA
Naphthalene	1,000,000	2,500,000	5,600	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<7.1	NA	NA
m, p-Xylene	500,000	1,000,000	19,500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<7.1	NA	NA
2-Butanone (MEK)	500,000	1,000,000	8,000	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<18	NA	NA
1,4-Dioxane (ug/kg) via EPA Method 8260																	
Not Detected	6,100**	57,000**	100**	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs and/or PAHs (ug/kg) via EPA Method 8270							PAHs		PAHs		PAHs	PAHs	PAHs	PAHs		PAHs	PAHs
2-Methyl Naphthalene	270,000**	1,000,000**	560**	--	NA	NA	ND<230	NA	ND<240	NA	ND<240	ND<220	ND<230	ND<220	NA	ND<220	ND<220
Acenaphthene	1,000,000**	2,500,000**	8,400**	--	NA	NA	ND<110	NA	ND<120	NA	ND<120	ND<110	ND<120	ND<110	NA	220	ND<110
Acenaphthylene	1,000,000	2,500,000	8,400	--	NA	NA	ND<110	NA	130	NA	470	ND<110	ND<120	340	NA	1,000	ND<110
Anthracene	1,000,000	2,500,000	40,000	--	NA	NA	ND<110	NA	ND<120	NA	620	ND<110	ND<120	190	NA	840	ND<110
Benzo(a)anthracene	1,000	7,800	1,000	--	NA	NA	ND<110	NA	430	NA	**1,600**	120	130	660	NA	**2,800**	ND<110
Benzo(b)fluoranthene	1,000	7,800	1,000	--	NA	NA	ND<110	NA	580	NA	**1,900**	140	260	1,000	NA	**3,800**	ND<110
Benzo(k)fluoranthene	8,400	78,000	1,000	--	NA	NA	ND<110	NA	180	NA	710	ND<110	ND<120	510	NA	**1,700**	ND<110
Benzo(g,h,i)perylene	8,400**	78,000**	1,000**	--	NA	NA	ND<110	NA	370	NA	**1,100**	120	130	600	NA	**2,300**	ND<110
Benzo(a)pyrene	1,000	1,000	1,000	--	NA	NA	ND<110	NA	460	NA	**1,600**	130	170	800	NA	**3,100**	ND<110
Carbazole	31,000**	290,000**	200**	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	84,000**	780,000**	1,000**	--	NA	NA	ND<110	NA	510	NA	**1,700**	120	220	920	NA	**3,800**	ND<110
Dibenzo(a,h)anthracene	1,000**	1,000**	1,000**	--	NA	NA	ND<110	NA	ND<120	NA	210	ND<110	ND<120	130	NA	600	ND<110
Dibenzofuran	68,000**	1,000,000**	200**	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1,000,000	2,500,000	5,600	--	NA	NA	ND<110	NA	780	NA	4,800	260	390	1,400	NA	**7,100**	140
Fluorene	1,000,000	2,500,000	5,600	--	NA	NA	ND<110	NA	ND<120	NA	290	ND<110	ND<120	ND<110	NA	530	ND<110
Indeno(1,2,3-cd)pyrene	1,000**	7,800**	1,000**	--	NA	NA	ND<110	NA	260	NA	820	ND<110	ND<120	500	NA	**1,800**	ND<110
Isophorone	640,000**	2,500,000**	740**	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	1,000,000	2,500,000	5,600	--	NA	NA	ND<110	NA	ND<120	NA	ND<120	ND<110	ND<120	ND<110	NA	170	ND<110
Phenanthrene	1,000,000	2,500,000	4,000	--	NA	NA	ND<110	NA	350	NA	**4,200**	ND<110	280	700	NA	**5,200**	ND<110
Pyrene	1,000,000	2,500,000	4,000	--	NA	NA	110	NA	1,200	NA	**4,500**	270	420	1,600	NA	**7,300**	120
SPLP SVOCs and/or PAHs (ug/L) via EPA Method 8270																	
Acenaphthene	--	--	--	420**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	--	--	--	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	--	--	--	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg) via EPA Method 6010C																	
Arsenic	10	10	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	4,700	140,000	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	34	1,000	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	100/3,900*	100/51,000*	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	2,500	76,000	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	400	1,000	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury (via EPA Method 7471)	20	610	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	1,400	7,500	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	340	10,000	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	340	10,000	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	20,000	610,000	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPLP Metals (mg/L) via EPA Method 6020																	
Arsenic	--	--	0.05	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	--	--	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	--	--	0.005	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	--	--	0.05	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	--	--	1.3	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	--	--	0.015	--	NA	NA	NA	NA	NA	NA	NA	NA	ND<0.013	ND<0.013	NA	ND<0.013	NA
Mercury (via EPA Method 7471 or 6020)	--	--	0.002	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	--	0.1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	--	--	0.05	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	--	0.036	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	--	5	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Summary of Soil Sample Analytical Results
1985 Blue Hills Avenue Extension, Windsor, CT

Parameter	RSR Criteria				Supp Inv												
Sample ID	RDEC	I/C DEC	GA PMC	GWPC	B58 0.5-2ft	B58 10-12ft	B59 0-2ft	B59 2-4ft	B60 0-2ft	B60 2-4ft	B61 0-2ft	B61 2-4ft	B62 0-2ft	B63 0-2ft	B63 2-4ft	B64 0-2ft	B64 2-4ft
Sample Date					5/20/2024	5/21/2024	5/20/2024	5/21/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024	5/20/2024
Sample Depth					0.5-2 FEET	10-12 FEET	0-2 FEET	2-4 FEET	0-2 FEET	2-4 FEET	0-2 FEET	2-4 FEET	0-2 FEET	0-2 FEET	2-4 FEET	0-2 FEET	2-4 FEET
PFAS (ug/kg) via EPA Method 1633																	
Perfluorodecanesulfonic acid (PFDS)	NE	NE	NE	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alcohol Analysis (mg/kg) by GC via EPA Method 8015B																	
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Glycol Analysis (mg/kg) via EPA Method 8015B																	
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/kg) via EPA Method 8081																	
Heptachlor Epoxide	67	630	20	--	NA	NA	ND<2.9	ND<3.0	ND<3.0	ND<2.6	ND<3.0	ND<2.8	ND<2.9	ND<2.8	ND<2.6	ND<2.8	ND<2.7
Chlordane	490	2,200	66	--	NA	NA	**480**	ND<18	**130**	ND<16	26	ND<17	ND<17	ND<17	ND<16	**200**	ND<16
Dieldrin	38	360	7	--	NA	NA	ND<0.57	ND<0.60	ND<0.61	ND<0.53	ND<0.60	2.4	3.4	6.9	ND<0.52	**140**	ND<0.53
Endosulfan sulfate	41,000**	1,000,000**	84**	--	NA	NA	ND<2.9	ND<3.0	ND<3.0	ND<2.6	6.3	ND<2.8	ND<2.9	ND<2.8	ND<2.6	ND<2.8	ND<2.7
4,4-DDD	1,800**	17,000**	3**	--	NA	NA	ND<0.57	ND<0.60	ND<0.61	0.86	**9.6**	**14**	ND<0.58	ND<0.56	ND<0.52	ND<0.56	ND<0.53
4,4-DDE	1,800**	17,000**	3**	--	NA	NA	**170**	ND<0.60	**72**	2.8	**30**	**14**	**7.6**	**13**	**4.4**	**64**	ND<0.53
4,4-DDT	1,800**	17,000**	3**	--	NA	NA	**200**	ND<0.60	**64**	2.5	**20**	**8**	**8.3**	**19**	**4.4**	**120**	ND<0.53
Total DDD, DDE and DDT	1,800**	17,000**	3**	--	NA	NA	**370**	ND<0.60	**136**	**6**	**60**	**36**	**16**	**32**	**9**	**184**	ND<0.53
SPLP Pesticides (ug/L) via EPA Method 8081B																	
gamma-BHC (Lindane)	--	--	--	0.2	NA	NA	ND<0.0050	NA	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Dieldrin	--	--	--	0.002	NA	NA	ND<0.0020	NA	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	0.002	0.005 (Note 1)	ND<0.0020	**0.048**	ND<0.0020
4,4-DDD	--	--	NA	0.10**	NA	NA	ND<0.0010	NA	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010
4,4-DDE	--	--	NA	0.10**	NA	NA	ND<0.0010	NA	0.002	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010
4,4-DDT	--	--	NA	0.10**	NA	NA	ND<0.0010	NA	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010
Total DDD, DDE and DDT	--	--	NA	0.10**	NA	NA	ND	NA	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Herbicides (ug/kg) via EPA Method 8151																	
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes and Abbreviations:

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1. Compliance with the GA PMC is demonstrated by the total pesticide result.
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* = Criteria apply to hexavalent/trivalent chromium
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SPLP = Synthetic precipitation leaching procedure
SVOCs = Semi-volatile organic compounds
VOCs = Volatile organic compounds
mg/kg = milligrams per kilogram (dry weight)
mg/L = milligrams per liter
ug/kg = micrograms per kilogram (dry weight)
ug/L = micrograms per liter
ESA = Environmental Site Assessment
Supp Inv = Supplemental Investigation

Table 3
Summary of Groundwater Sample Analytical Results
1985 Blue Hills Avenue Extension
Windsor, CT

Parameter	RSR Criteria				SAMPLE													
Sample ID	RVC	I/C VC	GWPC	SWPC	B1/MW1		B2/MW2		B3/MW3		B4/MW4		B5/MW5		B24/MW6		B23/MW7	
Sample Date					9/21/2023	5/13/2024	9/21/2023	5/13/2024	9/21/2023	5/13/2024	9/21/2023	5/13/2024	9/21/2023	5/13/2024	9/22/2023	5/13/2024	9/22/2023	5/13/2024
ETPH (mg/L) via CT Method																		
CT ETPH	0.25**	0.25**	0.25	0.25**	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10
SVOCs/PAHs (µg/L) via EPA Method 8270					SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Benzyl Alcohol	NE	NE	NE	NE	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0
2-Methyl Phenol	NE	NE	140**	670**	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0
3+4 Methyl Phenol	NE	NE	120**	560**	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0
VOCs (µg/L) via EPA Method 8260																		
None Detected	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane (µg/L) via EPA Method 8260																		
None Detected	NE	NE	3**	960**	NA	ND<2.5	NA	ND<2.5	NA	ND<2.5	NA	ND<2.5	NA	ND<2.5	NA	ND<2.5	NA	ND<2.5
Alcohol Analysis by GC (mg/L) via EPA 8015																		
None Detected	--	--	--	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	NA	NA	ND<1.0	ND<1.0
Glycol Analysis (mg/L) via EPA 8015																		
None Detected	--	--	--	--	NA	NA	NA	NA	ND<5.0	ND<5.0	NA	NA	NA	NA	NA	NA	ND<5.0	ND<5.0
PCBs (ug/L) via EPA 8082																		
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/L) via EPA Method 200.7																		
Arsenic	--	--	0.05	0.004	ND<0.0040	ND<0.0040	ND<0.0040	ND<0.0040	ND<0.0040	ND<0.0040	ND<0.0040	ND<0.0040	ND<0.0040	ND<0.0040	ND<0.0040	ND<0.0040	ND<0.0040	ND<0.0040
Barium	--	--	1	2.2**	0.17	ND<0.050	0.11	ND<0.050	0.083	0.18	0.067	0.13	ND<0.050	0.085	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Cadmium	--	--	0.005	0.006	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Chromium	--	--	0.05	0.110/1.2*	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Copper	--	--	1.3	0.048	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040	ND<0.040
Lead	--	--	0.015	0.013	ND<0.013	ND<0.013	ND<0.013	ND<0.013	ND<0.013	ND<0.013	ND<0.013	ND<0.013	ND<0.013	ND<0.013	ND<0.013	ND<0.013	ND<0.013	ND<0.013
Mercury (via EPA Method 245.2)	--	--	0.002	0.0004	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020
Nickel	--	--	0.1	0.88	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Selenium	--	--	0.05	0.05	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Silver	--	--	0.036	0.012	ND<0.012	ND<0.012	ND<0.012	ND<0.012	ND<0.012	ND<0.012	ND<0.012	ND<0.012	ND<0.012	ND<0.012	ND<0.012	ND<0.012	ND<0.012	ND<0.012
Zinc	--	--	5	0.123	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020
Dissolved Metals (mg/L) via EPA Method 200.7																		
Nickel			0.1	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (µg/L) via EPA Method 8151																		
None Detected	--	--	--	--	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Pesticides (µg/L) via EPA Method 8081																		
4,4-DDT	NE	NE	0.10**	0.05**	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010
4,4-DDE	NE	NE	0.10**	0.05**	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010
Total DDD, DDE and DDT	NE	NE	0.10**	0.05**	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010
Dieldrin	NE	NE	0.002	0.1	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010
Heptachlor Epoxide	NE	NE	0.2	0.05	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
PFAS (ng/L) via EPA Method 1633																		
Perfluoroheptanoic acid (PFHpA)	NE	NE	NE	NE	NA	5.9	NA	5.4	NA	2.9	NA	21	NA	5.7	NA	3.7	NA	ND<2.0
Perfluorohexane sulfonic acid (PFHxS)	NE	NE	NE	NE	NA	ND<2.0	NA	ND<2.0	NA	ND<2.0	NA	3.3	NA	ND<2.0	NA	ND<2.0	NA	ND<2.0
Perfluorooctane sulfonic acid (PFOS)	NE	NE	NE	NE	NA	ND<2.0	NA	ND<2.0	NA	ND<2.0	NA	ND<2.0	NA	ND<2.0	NA	ND<2.0	NA	ND<2.0
Perfluorooctanoic acid (PFOA)	NE	NE	NE	NE	NA	28	NA	17	NA	5.6	NA	31	NA	7.7	NA	6.2	NA	ND<2.0
Total of above PFAS compounds	NE	NE	70**	NE	NA	33.9	NA	22.4	NA	8.5	NA	55.3	NA	13.4	NA	9.9	NA	ND<2.0
Perfluorobutanoic acid (PFBA)	NE	NE	NE	NE	NA	2.1	NA	3.6	NA	2.5	NA	6.9	NA	6	NA	5.4	NA	ND<2.0
Perfluorodecanoic acid (PFDA)	NE	NE	NE	NE	NA	ND<2.0	NA	ND<2.0	NA	ND<2.0	NA	ND<2.0	NA	ND<2.0	NA	4.4	NA	ND<2.0
Perfluorohexanoic acid (PFHxA)	NE	NE	NE	NE	NA	2.5	NA	4.1	NA	2.4	NA	14	NA	13	NA	4.8	NA	ND<2.0
Perfluoropentanoic acid (PFPeA)	NE	NE	NE	NE	NA	ND<2.0	NA	3.8	NA	3.1	NA	9.1	NA	11	NA	7.6	NA	ND<2.0

Table 3
Summary of Groundwater Sample Analytical Results
1985 Blue Hills Avenue Extension
Windsor, CT

Parameter	RSR Criteria				SAMPLE													
Sample ID	RVC	I/C VC	GWPC	SWPC	L1985-3MW			L1985-5MW			L1985-6MW			L1985-10MW			Equipment Blank	Field Blank
Sample Date					5/28/2021	9/21/2023	5/13/2024	5/28/2021	9/21/2023	5/13/2024	5/28/2021	9/22/2023	5/13/2024	5/28/2021	9/22/2023	5/13/2024	5/13/2024	5/13/2024
ETPH (mg/L) via CT Method																		
CT ETPH	0.25**	0.25**	0.25	0.25**	ND<0.10	ND<0.10	ND<0.10	0.187	ND<0.10	ND<0.10	1.05	ND<0.10	ND<0.10	ND<0.098	ND<0.10	ND<0.10	NA	NA
SVOCs/PAHs (µg/L) via EPA Method 8270					PAHs	SVOCs	SVOCs	PAHs	PAHs	PAHs	PAHs	SVOCs	SVOCs	PAHs	SVOCs	SVOCs	NA	NA
Benzyl Alcohol	NE	NE	NE	NE	NA	7.4	ND<4.0	NA	NA	NA	NA	ND<4.0	ND<4.0	NA	ND<4.0	ND<4.0	NA	NA
2-Methyl Phenol	NE	NE	140**	670**	NA	11	ND<4.0	NA	NA	NA	NA	ND<4.0	ND<4.0	NA	ND<4.0	ND<4.0	NA	NA
3+4 Methyl Phenol	NE	NE	120**	560**	NA	6.1	ND<4.0	NA	NA	NA	NA	ND<4.0	ND<4.0	NA	ND<4.0	ND<4.0	NA	NA
VOCs (µg/L) via EPA Method 8260																		
None Detected	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
1,4-Dioxane (µg/L) via EPA Method 8260																		
None Detected	NE	NE	3**	960**	NA	NA	ND<2.5	NA	NA	ND<2.5	NA	NA	ND<2.5	NA	NA	ND<2.5	NA	NA
Alcohol Analysis by GC (mg/L) via EPA 8015																		
None Detected	--	--	--	--	NA	ND<1.0	ND<1.0	NA	NA	NA	NA	ND<1.0	ND<1.0	NA	NA	NA	NA	NA
Glycol Analysis (mg/L) via EPA 8015																		
None Detected	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (ug/L) via EPA 8082																		
None Detected	--	--	--	--	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Total Metals (mg/L) via EPA Method 200.7																		
Arsenic	--	--	0.05	0.004	ND	ND<0.0040	ND<0.0040	ND	ND<0.0040	ND<0.0040	ND	ND<0.0040	ND<0.0040	ND	ND<0.0040	ND<0.0040	NA	NA
Barium	--	--	1	2.2**	ND	0.096	0.052	ND	0.072	0.18	ND	0.11	0.44	ND	ND<0.050	0.053	NA	NA
Cadmium	--	--	0.005	0.006	ND	ND<0.0050	ND<0.0050	ND	ND<0.0050	ND<0.0050	ND	ND<0.0050	ND<0.0050	ND	ND<0.0050	ND<0.0050	NA	NA
Chromium	--	--	0.05	0.110/1.2*	ND	ND<0.050	0.054	ND	ND<0.050	ND<0.050	ND	ND<0.050	ND<0.050	ND	ND<0.050	ND<0.050	NA	NA
Copper	--	--	1.3	0.048	ND<0.01	ND<0.040	ND<0.040	ND<0.01	ND<0.040	ND<0.040	0.0102	ND<0.040	ND<0.040	ND<0.01	ND<0.040	ND<0.040	NA	NA
Lead	--	--	0.015	0.013	ND<0.003	ND<0.013	ND<0.013	ND<0.003	ND<0.013	ND<0.013	0.0046	ND<0.013	ND<0.013	ND<0.003	ND<0.013	ND<0.013	NA	NA
Mercury (via EPA Method 245.2)	--	--	0.002	0.0004	ND	ND<0.00020	ND<0.00020	ND	ND<0.00020	ND<0.00020	ND	ND<0.00020	ND<0.00020	ND	ND<0.00020	ND<0.00020	NA	NA
Nickel	--	--	0.1	0.88	ND<0.01	ND<0.050	ND<0.050	ND<0.01	ND<0.050	0.068	0.0119	ND<0.050	ND<0.050	ND<0.01	ND<0.050	ND<0.050	NA	NA
Selenium	--	--	0.05	0.05	ND	ND<0.010	ND<0.010	ND	ND<0.010	ND<0.010	ND	ND<0.010	ND<0.010	ND	ND<0.010	ND<0.010	NA	NA
Silver	--	--	0.036	0.012	ND	ND<0.012	ND<0.012	ND	ND<0.012	ND<0.012	ND	ND<0.012	ND<0.012	ND	ND<0.012	ND<0.012	NA	NA
Zinc	--	--	5	0.123	ND	ND<0.020	ND<0.020	ND	ND<0.020	ND<0.020	ND	ND<0.020	ND<0.020	ND	ND<0.020	ND<0.020	NA	NA
Dissolved Metals (mg/L) via EPA Method 200.7																		
Nickel			0.1	0.88	NA	NA	NA	NA	NA	0.068	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (µg/L) via EPA Method 8151																		
None Detected	--	--	--	--	NA	ND	NA	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Pesticides (µg/L) via EPA Method 8081																		
4,4-DDT	NE	NE	0.10**	0.05**	ND<0.0065	ND<0.0010	ND<0.0010	ND<0.0065	ND<0.0010	ND<0.0010	0.024	0.0030	ND<0.0010	ND<0.0067	ND<0.0010	ND<0.0010	NA	NA
4,4-DDE	NE	NE	0.10**	0.05**	ND<0.0065	ND<0.0010	ND<0.0010	ND<0.0065	ND<0.0010	ND<0.0010	0.022	0.0050	ND<0.0010	ND<0.0067	ND<0.0010	ND<0.0010	NA	NA
Total DDD, DDE and DDT	NE	NE	0.10**	0.05**	ND<0.0065	ND<0.0010	ND<0.0010	ND<0.0065	ND<0.0010	ND<0.0010	0.046	0.0080	ND<0.0010	ND<0.0067	ND<0.0010	ND<0.0010	NA	NA
Dieldrin	NE	NE	0.002	0.1	ND<0.0010	ND<0.0010	0.005	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	NA	NA
Heptachlor Epoxide	NE	NE	0.2	0.05	ND<0.0065	ND<0.0050	0.008	ND<0.0065	ND<0.0050	ND<0.0050	0.012	ND<0.0050	ND<0.0050	ND<0.0067	ND<0.0050	ND<0.0050	NA	NA
PFAS (ng/L) via EPA Method 1633																		
Perfluoroheptanoic acid (PFHpA)	NE	NE	NE	NE	NA	NA	3.3	NA	NA	5.5	NA	NA	ND<2.0	NA	NA	4.6	ND<2.1	ND<2.0
Perfluorohexane sulfonic acid (PFHxS)	NE	NE	NE	NE	NA	NA	ND<2.0	NA	NA	ND<2.0	NA	NA	ND<2.0	NA	NA	ND<2.0	ND<2.1	ND<2.0
Perfluorooctane sulfonic acid (PFOS)	NE	NE	NE	NE	NA	NA	36	NA	NA	3.4	NA	NA	ND<2.0	NA	NA	ND<2.0	ND<2.1	ND<2.0
Perfluorooctanoic acid (PFOA)	NE	NE	NE	NE	NA	NA	12	NA	NA	14	NA	NA	ND<2.0	NA	NA	9	ND<2.1	ND<2.0
Total of above PFAS compounds	NE	NE	70**	NE	NA	NA	51.3	NA	NA	22.9	NA	NA	ND<2.0	NA	NA	13.6	ND<2.1	ND<2.0
Perfluorobutanoic acid (PFBA)	NE	NE	NE	NE	NA	NA	3.1	NA	NA	4.3	NA	NA	4.1	NA	NA	3.7	ND<2.1	ND<2.0
Perfluorodecanoic acid (PFDA)	NE	NE	NE	NE	NA	NA	ND<2.0	NA	NA	ND<2.0	NA	NA	ND<2.0	NA	NA	ND<2.0	ND<2.1	ND<2.0
Perfluorohexanoic acid (PFHxA)	NE	NE	NE	NE	NA	NA	2.9	NA	NA	7.7	NA	NA	2.1	NA	NA	3.6	ND<2.1	ND<2.0
Perfluoropentanoic acid (PFPeA)	NE	NE	NE	NE	NA	NA	2.6	NA	NA	5.6	NA	NA	2	NA	NA	3.5	ND<2.1	ND<2.0

NOTES:
Shaded values indicate results that may exceed one or more of the CT Remediation Standard Regulation (RSR) criteria. A comprehensive evaluation of compliance with the criteria is not shown on the table. See the report text for additional information.
Analytes were not listed if they were not detected above minimum laboratory reporting limits
* = Criteria apply to hexavalent/trivalent chromium
** = Criterion is from "Request for Approval of Criteria for Additional Polluting Substances", March 25, 2022. CTDEEP approval is required for use of these criteria.
RSR = Connecticut Remediation Standard Regulations
RVC = Residential Volatilization Criteria
I/C VC = Industrial/Commercial Volatilization Criteria
GWPC = Groundwater Protection Criteria
SWPC = Surface Water Protection Criteria
ETPH = extractable total petroleum hydrocarbons
SVOCs= semivolatile organic compounds
PAHs = polynuclear aromatic hydrocarbons
VOCs = volatile organic compounds
PCBs = polychlorinated biphenyls
PFAS = per- and polyfluoroalkyl substances
NA= Not Analyzed
ND = Not detected above the laboratory reporting limit
mg/L = milligrams per liter
ng/L = nanograms per liter
µg/L = micrograms per liter

Table 4
Summary of Soil Vapor Analytical Data
1985 Blue Hills Avenue Extension
Windsor, CT

Parameter	RSR Criteria		SAMPLE																	
Sample ID	Res SVVC	I/C SVVC	SV-1	SV-1	SV-2	SV-2	SV-3	SV-3	SV-4	SV-4	SV-5	SV-5	SV-6	SV-6	SV-7	SV-7	SV-8	SV-8	SV-9	SV-9
Sample Date			11/17/2023	8/8/2024	11/17/2023	8/8/2024	11/17/2023	8/8/2024	11/17/2023	8/8/2024	11/17/2023	8/8/2024	11/17/2023	8/8/2024	11/17/2023	8/8/2024	11/17/2023	8/8/2024	11/17/2023	8/8/2024
VOCs via EPA Method TO-15 (ppbv)																				
1,4-Dioxane	610	50	3.67	ND< 0.250	2.68	ND< 0.250	1.45	ND< 0.250	ND<0.650	ND< 0.250	ND<0.650	ND< 0.250	1.08	ND< 0.250	ND<0.650	ND< 0.250	ND<0.650	ND< 0.250	ND<0.650	ND< 0.250
Acetone	57,000	290,000	185	ND< 3.75	32.2	ND< 3.75	49.6	ND< 3.75	11.8	ND< 3.75	38.6	ND< 3.75	66.6	ND< 3.75	9.84	ND< 3.75	16.7	18.2	14.6	ND< 3.75
Methyl Ethyl Ketone	130,000	230,000	ND<2.25	ND< 2.25	ND<2.25	ND< 2.25	ND<2.25	ND< 2.25	ND<2.25	ND< 2.25	ND<2.25	ND< 2.25	ND<2.25	ND< 2.25	ND<2.25	ND< 2.25	ND<2.25	ND< 2.25	ND<2.25	ND< 2.25
Ethanol	NE	NE	207	58.5	87	13.5	74.1	12.4	24.9	6.03	51.3	20.7	76.4	17.2	59.2	20.4	51	15.9	36.3	20.2
Isopropylalcohol	NE	NE	12.4	ND< 3.75	4.4	ND< 3.75	3.81	ND< 3.75	ND<3.75	ND< 3.75	ND<3.75	ND< 3.75	4.23	ND< 3.75	ND<3.75	ND< 3.75	ND<3.75	ND< 3.75	ND<3.75	ND< 3.75
Ethylbenzene	9,300	NE	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50
m,p-Xylene	NE	NE	ND<5.00	ND< 5.00	ND<5.00	ND< 5.00	ND<5.00	ND< 5.00	ND<5.00	ND< 5.00	ND<5.00	ND< 5.00	ND<5.00	ND< 5.00	ND<5.00	ND< 5.00	ND<5.00	ND< 5.00	ND<5.00	ND< 5.00
o-Xylene	NE	NE	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50
Total Xylenes	38,000	160,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	560	1,000	ND<0.500	ND< 0.500	ND<0.500	ND< 0.500	ND<0.500	ND< 0.500	ND<0.500	ND< 0.500	ND<0.500	ND< 0.500	ND<0.500	ND< 0.500	ND<0.500	ND< 0.500	ND<0.500	ND< 0.500	ND<0.500	ND< 0.500
Total VOCs	NE	NE	408.07	58.5	126.28	13.5	128.96	12.4	36.7	6.03	89.9	20.7	148.31	17.2	69.04	20.4	67.7	34.1	50.9	20.2

NOTES:
RSR = Connecticut Remediation Standard Regulations
VOCs = Volatile Organic Compounds
Res SVVC = Residental Soil Vapor Volatilization Criteria
I/C SVVC= Industrial Soil Vapor Volatilization Criteria
pbbv = parts per billion volume
ND = Not Detected
NE= Not Established
Analytes not listed were not detected above laboratory minimum reporting limits.

Table 4
Summary of Soil Vapor Analytical Data
1985 Blue Hills Avenue Extension
Windsor, CT

Parameter	RSR Criteria		SAMPLE																	
Sample ID	Res SVVC	I/C SVVC	SV-10	SV-10	SV-11	SV-11	SV-12	SV-12	SV-13	SV-13A	SV-13	SV-14	SV-14	SV-15	SV-15	SV-16	SV-16	SV-17	SV-17	SV-18	SV-18
Sample Date			11/17/2023	8/8/2024	11/17/2023	8/8/2024	11/17/2023	8/8/2024	11/17/2023	11/17/2023	8/8/2024	11/17/2023	8/8/2024	11/17/2023	8/8/2024	11/17/2023	8/8/2024	11/17/2023	8/8/2024	11/17/2023	8/8/2024
VOCs via EPA Method TO-15 (ppbv)																					
1,4-Dioxane	610	50	ND<0.650	ND< 0.250	6.46	ND< 0.250	5.94	ND< 0.250	10	7.72	ND< 0.250	ND<0.650	ND< 0.250	ND<0.650	ND< 0.250	ND<0.650	ND< 0.250	ND<0.650	ND< 0.250	ND<0.650	ND< 0.250
Acetone	57,000	290,000	6.4	ND< 3.75	64.4	ND< 3.75	154	12.3	381	303	ND< 3.75	23.2	ND< 3.75	9.8	ND< 3.75	6.57	ND< 3.75	ND<3.75	ND< 3.75	ND<3.75	ND< 3.75
Methyl Ethyl Ketone	130,000	230,000	ND<2.25	ND< 2.25	ND<2.25	ND< 2.25	7.75	ND< 2.25	2.75	ND<2.25	ND< 2.25	ND<2.25	ND< 2.25	ND<2.25	ND< 2.25	ND<2.25	ND< 2.25	ND<2.25	ND< 2.25	ND<2.25	ND< 2.25
Ethanol	NE	NE	57.1	ND< 3.75	178	14.5	234	56.3	243	175	18.9	36.5	9.39	36.9	19.1	65.5	21.1	31.5	27.5	39.4	22.1
Isopropylalcohol	NE	NE	ND<3.75	ND< 3.75	12.7	ND< 3.75	18.3	ND< 3.75	31.2	23.9	ND< 3.75	ND<3.75	ND< 3.75	4.71	ND< 3.75	ND<3.75	ND< 3.75	ND<3.75	ND< 3.75	ND<3.75	ND< 3.75
Ethylbenzene	9,300	NE	ND<2.50	ND< 2.50	48.7	ND< 2.50	ND<2.50	ND< 2.50	162	99.5	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50
m,p-Xylene	NE	NE	ND<5.00	ND< 5.00	176	ND< 5.50	ND<5.00	ND< 5.00	573	367	ND< 5.00	ND<5.00	ND< 5.00	ND<5.00	ND< 5.00	ND<5.00	ND< 5.00	ND<5.00	ND< 5.00	ND<5.00	ND< 5.00
o-Xylene	NE	NE	ND<2.50	ND< 2.50	54	ND< 2.50	ND<2.50	ND< 2.50	185	121	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50	ND<2.50	ND< 2.50
Total Xylenes	38,000	160,000	ND	ND	230	ND	ND	ND	758	488	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	560	1,000	ND<0.500	ND< 0.500	ND<0.500	ND< 0.500	0.57	ND< 0.750	0.865	0.82	ND< 1.10	1.12	ND< 0.500	ND<0.500	ND< 0.500	ND<0.500	ND< 0.500	0.62	ND< 1.00	0.9	ND< 1.50
Total VOCs	NE	NE	63.5	ND	770.26	14.5	420.56	68.6	1589	1098	18.9	60.82	9.39	51.41	19.1	72.07	21.1	32.12	27.5	40.3	22.1

NOTES:
RSR = Connecticut Remediation Standard Regulations
VOCs = Volatile Organic Compounds
Res SVVC = Residental Soil Vapor Volatilization Criteria
I/C SVVC= Industrial Soil Vapor Volatilization Criteria
pbbv = parts per billion volume
ND = Not Detected
NE= Not Established
Analytes not listed were not detected above laboratory n

Table 5
Summary of Recognized Environmental Conditions and Areas of Concern
1985 Blue Hills Avenue Extension, Windsor, CT

Recognized Environmental Conditions (RECs) and/or Areas of Concern (AOCs)	REC/AOC Type/Location	Approximate Release Date(s)	Release and/or Potential Mechanisms	Contaminants of Concern (COCs)	Phase II Investigation Conducted (some explorations were completed by ZUVIC in 2023)	Has Release Occurred?	Phase III Investigation Performed	Supplemental Investigation Performed	Exceedances of Soil Criteria	Exceedances of Groundwater Criteria	Exceedances of Vapor Criteria	Is Release Area Delineated?	Is Groundwater Plume Delineated?	Data Gaps - Soil	Data Gaps - Groundwater	Is Remediation Required?
REC 1 - Diesel Fuel Release at the Loading Dock Area	Stormwater detention basin located in the southeast portion of the Site south of the building loading docks	May 2011	A diesel fuel release occurred at the loading dock area and fuel entered a catch basin there. Liquids in the catch basin discharge to a stormwater detention basin south of the building. The release was contained, and hard surfaces cleaned of residual fuel.	ETPH, PAHs, VOCs	Borings: L1985-1 L1985-2 L1985-4 L1985-15 Boring/Monitoring Well: L1985-3MW	Yes	Borings B17, B18	Boring: B58 L1985-3MW (groundwater monitoring)	None	None	N/A	Yes	Yes	None	None	No
REC 2 - Coolant Release from Emergency Generator	One backup emergency generator located southwest of the building. The generator contains a 4,400-gallon diesel AST. One backup emergency generator located adjacent to the south wall of the building west of the loading dock area. The generator contains a 3,100-gallon diesel AST.	June 2017	A release of approximately 40-gallons of antifreeze occurred in one of two emergency generator enclosures; approximately 5 gallons of antifreeze leaked out of the trailer onto adjacent gravel and a concrete pad. The release was reported as "contained".	Ethylene and propylene glycol	Borings: L1985-1 L1985-7 L1985-13	No	Borings: B9, B10, B11, B32	None	None	N/A	N/A	N/A	N/A	None	None	No
REC3 - Historical Barn/Warehouse and Fire	A former barn/warehouse was located in the southern portion of the Site and destroyed in May 1994 by a structure fire that was extinquished using water.	Before 1943 to 1990s; fire cooccured in May 1994	A barn/warehouse was used by Culbro in connection with tobacco cultivation at the site and neighboring properties. Pesticides, herbicides, and other chemicals were stored in the warehouse. A fire at the structure was extinguished with water in May 1994 and releases of chemicals may have occurred to soil, groundwater; pesticides were detected in a sample of water runoff after the fire. Following the fire, the structure was demolished and the basement backfilled with soil, non-soil materials (including asphalt, coal, brick, concrete, glass, and ash), and potentially chemicals stored in the building.	ETPH, SVOCs, VOCs, RCRA 8 Metals plus Cu, Ni, and Zn, Pesticides, Herbicides (see AOC 2)	Borings: L1985-8 L1985-9 Boring/Monitoring Well L1985-10MW	Yes	Boring/Monitoring Well: B24/MW6 Borings: B25, B26, B27, B28, B29, B30, B31	Borings: B24A, B27A, B42, B43, B44, B45, B46, B47, B48, B49, B50, B51, B52, B53, B54, B55, B56, B57 L1985-10MW, B24/MW6 (groundwater monitoring)	ETPH >RDEC at B26 5-7.5 fbg PAHs > RDEC at B27 2-4 fbg, B56 2-4 fbg and B56 4-6 fbg Chlordane > RDEC at B24/MW6 0-2 fbg and B55 0-2 fbg Arsenic > RDEC, I/C DEC and Leachable Arsenic and Lead > GA PMC at B29 6-8.5 fbg Leachable Lead > GA PMC at B44 2-4 fbg	None	N/A	Yes, releases are sufficiently delineated. Releases are within the building footprint, however additional evaluation may be desired west and northeast of barn	Yes	None	None	Yes
REC 4 - Release from Snow Removal Equipment	Snow removal equipment is on occasion stored at the east end of the northern parking lot.	2021	Oily staining was observed on pavement in the storage area during the Phase I ESA site visit in 2021. One stain appeared wet from a recent equipment leak and was observed intersecting a pavement crack.	ETPH, PAHs, VOCs	Boring/Monitoring Well: L1985-5MW	Yes	Borings: B12, B13, B14	None L1985-5MW (groundwater monitoring)	None	None	N/A	Yes	N/A	None	None	No
AOC 1 - Loading Dock Area, Storm Drain, and Southeast Stormwater Detention Basin	The loading docks are located in the southeastern portion of the building. Two trash compactors are located adjacent to the loading docks. A storm drain in the area discharges to the stormwater detention basin located in the southeastern portion of the Site.	Circa 2001 to Present	The potential historical release associated with REC 1; handling and storage of chemicals and hazardous wastes by JDS; hydraulic oil leaks from two hydraulic compactors in the loading dock area; storage of waste in the dumpster; and, discharges from the loading dock catch basin to stormwater detention basin.	ETPH, SVOCs, PCBs, RCRA 8 Metals plus Cu, Ni, and Zn, Alcohols, PFAS, 1,4-Dioxane	Borings: L1985-1 L1985-2 L1985-4 L1985-15 Boring/Monitoring Well: L1985-3MW	Yes	Borings: B6, B7, B8 (see REC 1 for additional pertinent borings)	None L1985-3MW (groundwater monitoring)	None	None	N/A	Yes	N/A	None	None	No
AOC 2 - Agricultural Use	The western and central portions of the Site were historically used for agriculture (i.e., tobacco growing and drying).	Before 1943 to 1990s	Possible impacts to areas of the property used for tobacco cultivation. Pesticides, fertilizers and herbicides were likely applied to the fields and were stored in the former barn/warehouse (see REC 3); and, two former barns presumably used for tobacco drying, located in the central and southeastern portions of the Site (AOC 8).	RCRA 8 Metals plus Cu, Ni, and Zn, Pesticides, Herbicides	Borings: L1985-7 L1985-15 Borings/Monitoring Wells: site-wide	Yes	Borings/Monitoring Wells: B1/MW1, B2/MW2, B3/MW3, B4/MW4, B5/MW5 Borings: B6, B7, B8, B9, B11, B12, B17, B18, B19, B20, B32, B33	None All wells (groundwater monitoring)	None	L1985-3MW: Dieldrin > GWPC, SWPC Total Chromium > GWPC	N/A	Yes	Unknown	None	None	No

Table 5
Summary of Recognized Environmental Conditions and Areas of Concern
1985 Blue Hills Avenue Extension, Windsor, CT

Recognized Environmental Conditions (RECs) and/or Areas of Concern (AOCs)	REC/AOC Type/Location	Approximate Release Date(s)	Release and/or Potential Mechanisms	Contaminants of Concern (COCs)	Phase II Investigation Conducted (some explorations were completed by ZUVIC in 2023)	Has Release Occurred?	Phase III Investigation Performed	Supplemental Investigation Performed	Exceedances of Soil Criteria	Exceedances of Groundwater Criteria	Exceedances of Vapor Criteria	Is Release Area Delineated?	Is Groundwater Plume Delineated?	Data Gaps - Soil	Data Gaps - Groundwater	Is Remediation Required?
AOC 3 - Exterior Oil-filled Transformers	Two transformers in the northeastern portion of the Site; one transformer near the northeastern corner of the building; one transformer west of the loading docks; and, two transformers and/or electrical equipment near the northwestern corner of the stormwater detention basin.	Circa 2001 to Present	A spill of less than 1 gallon of oil was documented at one of the six transformers, which was contained and removed and therefore is not considered a REC; however there is still the potential of other leaks associated with the oil-filled pad-mounted transformers.	ETPH, PCBs	Borings: L1985-12 L1985-13 L1985-14	Yes	Borings: B15, B16, B33, B34	None	None	N/A	N/A	Yes	N/A	None	None	No
AOC 4 Suspected Dumping Area	Historical dumping was identified throughout the Site as indicated in a 2000 Phase I ESA. During a 2021 Phase I ESA, a sign was observed at the southeast corner of the Site that read "No Dumping".	Before 1943 to Present	Small amounts of trash was observed near the "No Dumping" sign; potential illegal dumping may have occurred in this area.	ETPH, SVOCs, VOCs, RCRA 8 Metals plus Cu, Ni, and Zn, Pesticides, Herbicides, PCBs	Boring L1985-11	Yes	Borings:B21, B22 Boring/Monitoring Well B23/MW7	Borings: B62, B63 and B64 B23/MW7 (groundwater monitoring)	PAHs > RDEC, I/C DEC at B21 0-2 fbg and B64 0-2 fbg Dieldrin > RDEC at B64 0-2 fbg Leachable dieldrin > GWPC at B23/MW7 0-2 fbg and B64 0-2 fbg Leachable lead > GA PMC at B23/MW7 0-2 fbg	None	N/A	Yes, however additional evaluation may be desired south, east and west of B23/MW7 and B64	N/A	None	None	Yes
AOC 5 - Former JDS Uniphase Site Operations	The Site was developed with the current building circa 2000 and occupied by a fiber optic component manufacturer (JDS Uniphase (JDS)) until 2004. JDS manufacturing and likely use of chemicals were apparently conducted in two production areas, a clean room and loading dock area. JDS was a small quantity generator (SQG) of hazardous waste including acids, caustics, spent solvents and ignitable wastes.	Circa 2001 to 2004	Leaks and spillage associated with chemicals and hazardous waste.	ETPH, VOCs, SVOCs, Alcohols, RCRA 8 Metals plus Cu, Ni, and Zn, PFAS, 1,4-Dioxane	See AOC 1 for borings/monitoring wells	Yes	Borings/Monitoring Wells: B1/MW, B2/MW2, B3/MW3, B4/MW4, B5/MW5 (see AOC 1 for additional pertinent borings) Borings: B35, B36, B37, B38, B39 Soil Vapor Points: SV1 to SV18	B1/MW, B2/MW2, B3/MW3, B4/MW4, B5/MW5 (groundwater monitoring) SV1 to SV18 (soil vapor sampling)	None	None	No	No	None	Yes - evaluation of potential source areas beneath building is warranted	None	Unknown
AOC 6 - Two Emergency Generator Diesel ASTs	See REC2	Circa 2001 to Present	Leaks and spillage associated with diesel ASTs associated with the emergency generators, including tank overfills.	ETPH, PAHs, VOCs	See REC 2 for borings	Yes	See REC 2 for borings	Borings: B40, B41 and B58	ETPH >RDEC at B10 0.3-1 fbg	N/A	N/A	Yes	N/A	None	None	Yes
AOC 7 - Former Culbro 7,000-gallon Heating Oil A2Underground Storage Tank (UST)	A former 7,000-gallon heating oil UST was located north of eastern end of barn/office structure	Before 1943 to 1994	Leaks from the tank and surficial releases during tank filling associated with use of the UST to heat the structure; the UST may have been compromised during the 1994 barn/warehouse fire remediation and cleanup (see REC 3).	ETPH, PAHs, VOCs	Boring/Monitoring Well: B24/MW6 Boring: B25	No	Boring/Monitoring Well: B24/MW6 Boring: B25	B24/MW6 (groundwater monitoring)	None	None	N/A	N/A	N/A	None	None	No
AOC 8 - Two Additional Former Barns	Barns were located in the central and southeastern portions of the Site. The barns were presumably used for tobacco drying.	Before 1943 to 1990s	Spills and leaks from potential storage of pesticides, fertilizers, herbicides and other chemicals.	ETPH, SVOCs, VOCs, pesticides, herbicides, RCRA 8 Metals plus Cu, Ni, and Zn	Borings: L1985-3MW, B3/MW3, B4/MW4, B5/MW5, B19, B20	Yes	None	Borings: B20A, B59, B60, B61	Chlordane > RDEC at B20 0-2 fbg PAHs > RDEC at B61 0-2 fbg	None	N/A	Yes, however additional evaluation may be desired south and west of B61 and west of B20	N/A	None	None	Yes
AOC 9 - Potential Off-Site Sources	The undeveloped parcel of land (1995 Blue Hills Avenue Extension) located west of the Site and other nearby properties were used for agricultural purposes (i.e., tobacco cultivation).	Before 1943 to 1990s	Possible impacts from adjacent and upgradient properties may have occurred from their use for agricultural purposes. Pesticides, fertilizers and herbicides were likely applied on the farmed fields and may have contaminated groundwater.	ETPH, pesticides, herbicides, RCRA 8 Metals plus Cu, Ni, and Zn	Borings/Monitoring Wells: L1985-6MW	Yes to groundwater	L1985-6MW (groundwater monitoring)	L1985-6MW (groundwater monitoring)	None	ETPH > GWPC, Res GWVC, I/C GWVC, SWPC on one occasion (not replicated during two other sampling rounds)	N/A	N/A	Unknown	None	None	No

Notes and Abbreviations:

PAHs: Polynuclear Aromatic Hydrocarbons
ETPH: Extractable Total Petroleum Hydrocarbons
SVOCs: Semi-Volatile Organic Compounds
L1985-#, L1985-#MW = Boring and/or monitoring wells advanced and/or installed by others in 2021
VOCs: Volatile Organic Compounds
PCBs: Polychlorinated Biphenyls
EG = ethylene glycol
B#, B#/MW: Boring and/or monitoring wells advanced and/or installed by ZUVIC in 2023 or 2024
PFAS: Per- and Polyfluoroalkyl Substances
PG = propylene glycol
fbg = feet below grade
N/A : Not Applicable

Appendix A

Test Boring and Well Installation Logs

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

ZUVIC

40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B20A

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/20/24 **COMPLETED** 5/20/24
GROUND ELEVATION --- **HOLE SIZE** 6.0"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Air Knife
▽ **AT TIME OF DRILLING** 4.00 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0					(SM) Dark brown fine to medium SAND, some silt, trace organics, little fine gravel, moist, no odor	
1	0-2'	24	SM			PID = 0
2					2.0	
					(SW) Dark brown/ orange brown fine to coarse SAND and fine gravel, trace organics, no odor	
3	2-4'	24	SW			PID = 0
4					4.0 ▽	
					(SW) Light brown fine to coarse SAND, trace silt, fine gravel, and organics, no odor	
5	4-6'	24	SW			PID = 0
6						

Bottom of borehole at 6.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

ZUVIC

40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B24A

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/20/24 **COMPLETED** 5/20/24
GROUND ELEVATION --- **HOLE SIZE** 6.0"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Air Knife
AT TIME OF DRILLING ---
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0						
1	0-2'	24	SM		(SM) Brown/ dark brown silty fine to medium SAND and silt, trace fine gravel and organics, moist, no odor	
2					2.0	
3	2-4'	24	SP		(SP) Brown fine to medium SAND, little silt, trace fine gravel and organics, moist, no odor	PID = 0
4					4.0	
5	4-6'	24	SW		(SW) Brown/ light brown fine to coarse SAND, trace silt and organics, moist, no odor	PID = 0
6					6.0	

Bottom of borehole at 6.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

ZUVIC

40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B27A

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
AT TIME OF DRILLING ---
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0					(SM) Dark brown/ brown fine to medium SAND, some silt, trace organics, moist, no odor	
	0-2'	21.5	SM			PID = 0
2.0						
2.5					(SM) Brown/ red brown fine to medium SAND and silt, trace fine to coarse gravel and organics, moist	
	2-4'	21.5				PID = 0
			SM			
5.0	4-6'	21				PID = 0
6.0						
					(SM) Brown/ dark brown fine to medium SAND and silt, little fine gravel, moist, no odor	
	6-7.5'	21	SM			PID = 0
7.5						
					CONCRETE	
8.0						

Bottom of borehole at 8.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

ZUVIC

40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B40

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/20/24 **COMPLETED** 5/20/24
GROUND ELEVATION --- **HOLE SIZE** 6.0"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Air Knife
AT TIME OF DRILLING ---
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0					Brown mulch, trace gravel	
					0.3	
	0.3-1'	9	SM		(SM) Brown/ dark brown fine to coarse SAND and silt, trace organics, moist, no odor	PID = 0
1					1.0	
					(SP) Brown/ light brown fine to medium SAND, little silt, little fine to coarse gravel, no odor, trace organics	
2	1-3'	24	SP			PID = 0
3					3.0	
					(SP) Brown/ light brown medium to coarse SAND, trace silt, moist, no odor	
4	3-5'	24	SP			PID = 0
5					5.0	

Bottom of borehole at 5.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

ZUVIC

40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B41

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/20/24 **COMPLETED** 5/20/24
GROUND ELEVATION --- **HOLE SIZE** 6.0"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Air Knife
AT TIME OF DRILLING ---
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0					Brown mulch, trace gravel	
					0.3	
	0.3-1'	9	SM		(SM) Brown/ dark brown medium to coarse SAND and silt, trace organics, moist, no odor	PID = 0
1					1.0	
					(SP) Brown/ light brown fine to medium SAND, little silt, little fine gravel, trace organics, no odor	
2	1-3'	24	SP			PID = 0
3					3.0	
					(SP) Brown/ light brown medium to coarse SAND, trace silt, moist, no odor	
4	3-5'	24	SP			PID = 0
5					5.0	

Bottom of borehole at 5.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

ZUVIC

40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B42

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
▽ **AT TIME OF DRILLING** 10.50 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0						
	0-2'	21	SM		(SM) Brown fine to medium SAND, some silt, trace organics, moist, no odor	PID = 0
					2.0	
2.5	2-4'	21	SW		(SW) Light brown fine to coarse SAND, little silt, trace organics, moist, no odor	PID = 0
5.0	4-6'	23				PID = 0
					6.0	
	6-8'	23			(SW) Brown/ dark brown fine to coarse SAND, trace silt, moist	PID = 0
7.5						
	8-10'	23.5				PID = 0
10.0					▽	
	10-12'	23.5	SW			PID = 0
12.5	12-14'	24				PID = 0
15.0	14-16'	24				PID = 0
					16.0	

Bottom of borehole at 16.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

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40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B43

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/20/24 **COMPLETED** 5/20/24
GROUND ELEVATION --- **HOLE SIZE** 6.0"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Air Knife
AT TIME OF DRILLING ---
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0						
1	0-2'	24	SM		(SM) Brown/ dark brown fine to medium SAND and silt, trace fine gravel and organics, moist, no odor	PID = 0
2					2.0	
3	2-4'	24	SW		(SW) Brown fine to coarse SAND, little silt, trace fine gravel and organics, moist, no odor	PID = 0
4					4.0	
5	4-6'	24	SW		(SW) Light brown/ brown fine to coarse SAND, trace silt, trace organics, moist, no odor	PID = 0
6					6.0	

Bottom of borehole at 6.0 feet.

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40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B44

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
▽ **AT TIME OF DRILLING** 15.00 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0	0-2'	20	SM		(SM) Brown/ dark brown fine to medium SAND, some silt, trace organics, moist, no odor	PID = 0
	2-4'	20			2.0 (SM) Darl brown/ black SAND and silt, trace organics	PID = 0
5	4-6'	23	SM			PID = 0
	6-8'	23	SM		6.0 (SM) Brown/ grey fine SAND and silt, trace fine gravel, moist, no odor	PID = 0
	8-10'	23.5			8.0 (SW) Light brown fine to coarse SAND, some silt, moist, no odor	PID = 0
10	10-12'	23.5	SW			PID = 0
	12-14'	23.5				PID = 0
15	14-16	23.5			15.0 ▽ (SW) Dark brown/ red brown fine to coarse SAND, trace silt, no odor	PID = 0
	16-18'	24	SW			PID = 0
	18-20'	24				PID = 0
20					20.0	

Bottom of borehole at 20.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

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40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B45

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
▽ **AT TIME OF DRILLING** 14.00 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0	0-2'	19	SM		(SM) Brown/ dark brown fine to medium SAND, some silt, trace organics, moist, no odor	PID = 0
2.0						
2.5	2-4'	19	SM		(SM) Light brown fine to medium SAND, some silt, trace fine gravel and organics, moist, no odor	PID = 0
5.0	4-6'	20				PID = 0
6.0					CONCRETE, brick and stone	
7.5	6-8'	20				PID = 0
8.0					(SM) Light brown fine to medium SAND, some silt, trace fine gravel, moist	
10.0	8-10'	21.5				PID = 0
	10-12'	21.5	SM			PID = 0
12.5	12-14'	23.5				PID = 0
14.0 ▽					(SW) Dark brown/ red- brown fine to coarse SAND, trace silt, no odor	
15.0	14-16'	23.5	SW			PID = 0
16.0						

Bottom of borehole at 16.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

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40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B46

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
▽ **AT TIME OF DRILLING** 13.00 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0						
	0-2'	18	SM		(SM) Brown to dark brown fine to medium SAND, some silt, trace organics, moist, no odor	PID = 0
2.0						
2.5	2-4'	18	SM		(SM) Brown fine to medium SAND and silt, trace organics, moist, no odor	PID = 0
5.0	4-6'	16.5				PID = 0
6.0						
7.5	6-8'	16.5	SP		(SP) Light brown fine to medium SAND, little silt, trace fine gravel, moist, no odor	PID = 0
10.0	8-10'	24				PID = 0
	10-12'	24				PID = 0
12.0						
12.5	12-14'	24	SW		(SW) Brown/ dark brown fine to coarse SAND, trace silt, no odor ▽	PID = 0
15.0	14-16'	24				PID = 0
16.0						

Bottom of borehole at 16.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

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40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B47

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
▽ **AT TIME OF DRILLING** 9.00 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0	0-2'	21	SM		(SM) Dark brown/ brown fine to medium SAND, some silt, trace organics, moist, no odor	PID = 0
2.0						
2.5	2-4'	21	SM		(SM) Brown fine to medium SAND, some silt, trace fine gravel, trace organics, moist, no odor	PID = 0.1
5.0	4-6'	24				PID = 0
6.0					(SM) Light brown/ brown SAND and silt, trace clay, moist	
7.5	6-8'	24	SM			PID = 0
	8-9.5'	14			▽	PID = 0
9.5					CONCRETE	
10.0						
	10-12'	23.5			(SW) Brown fine to coarse SAND, trace silt, no odor	PID = 0
12.5	12-14'	24	SW			PID = 0
15.0	14-16'	24				PID = 0
16.0						

Bottom of borehole at 16.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

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40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B48

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
▽ **AT TIME OF DRILLING** 13.00 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0	0-2'	19	SM		(SM) Dark brown/ brown fine to medium SAND, some silt, trace organics, moist, no odor	PID = 0
2.0						
2.5	2-4'	19	SM		(SM) Brown fine to medium SAND and silt, trace organics, moist	PID = 0
3.0					Gravel, Brick and Ash	
5.0	4-5'	11				PID = 0
5.0					CONCRETE	
6.0						
7.5	6-8'	21.5	SP		(SP) Fine to medium SAND, fine to coarse gravel, moist	PID = 0
7.0					(SW) Light brown fine to coarse SAND, little silt, moist	
10.0	8-10'	24	SW			PID = 0
10.0	10-12'	24				PID = 0.1
12.0					(SW) Brown/ red brown fine to coarse SAND, little silt	
12.5	12-14'	23.5	SW		▽	PID = 0
15.0	14-16'	23.5				PID = 0
16.0						

Bottom of borehole at 16.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

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40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B49

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
▽ **AT TIME OF DRILLING** 12.00 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0					ASPHALT	
					0.5	
	0-2'	21.5	GW		(GW) Fine to coarse GRAVEL, trace asphalt (process)	PID = 0.1
					1.5	
			SM		(SM) Brown / dark brown fine to medium SAND and silt, moist	
					2.0	
2.5					(SM) Red brown / dark brown fine to medium SAND and silt, some fine gravel, moist, no odor	
	2-4'	21.5	SM			PID = 0
5.0	4-6'	21.5			5.0	PID = 0
			SP		(SP) Red brown fine to medium SAND and fill material (woodchips, brick, coarse gravel), moist, no odor	
					6.0	
					(SM) Brown / light brown fine to coarse SAND, some silt, moist, no odor	
7.5	6-8'	21.5				PID = 0
	8-10'	22	SM			PID = 0
10.0	10-12'	22				PID = 0
					12.0 ▽	
12.5					(SM) Brown / dark brown fine to coarse SAND, some silt, no odor	
	12-14'	23.5				PID = 0
			SM			
15.0	14-16'	23.5				PID = 0
					16.0	

Bottom of borehole at 16.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

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40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B50

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
▽ **AT TIME OF DRILLING** 11.00 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0	0-2'	21.5	SP		(SP) Brown/ dark brown fine to medium SAND, little silt, trace fine gravel and organics, moist, no odor	PID = 0.1
2.0						
2.5	2-4'	21.5	SW		(SW) Light brown fine to coarse SAND, little silt, trace organics, moist, no odor	PID = 0
5.0	4-6'	23				PID = 0
7.5	6-8'	23				PID = 0
8.0						
10.0	8-10'	23.5	SP		(SP) Brown medium to coarse SAND, trace fine gravel, trace silt, moist	PID = 0
11.0 ▽	10-12'	23.5				PID = 0
12.5	12-14'	24	SM		(SM) Dark brown fine to coarse SAND, some silt, no odor	PID = 0
15.0	14-16'	24				PID = 0
16.0						

Bottom of borehole at 16.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

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40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B51

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
▽ **AT TIME OF DRILLING** 11.00 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0	0-2'	18.5	SP		(SP) Dark brown SAND, little silt, trace organics, moist, no odor	PID = 0
2.0						
2.5	2-4'	18.5	SM		(SM) Light brown/ brown fine to medium SAND, some silt, trace fine gravel and organics, moist, no odor	PID = 0
5.0	4-6'	16				PID = 0
5.0					(GW) Fine to coarse gravel and brick	
7.5	6-7.5'	12	GW			PID = 0
7.5					CONCRETE	
8.0						
10.0	8-10'	17	SP		(SP) Brown/ orange brown medium to coarse SAND, little silt, moist , no odor	PID = 0
10.0					(SP) Brown/ dark brown medium to coarse SAND, trace silt, no odor	
12.5	10-12'	17			▽	PID = 0
12.5	12-14'	22	SP			PID = 0
15.0	14-16'	22				PID = 0
16.0						

Bottom of borehole at 16.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

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40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B52

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
▽ **AT TIME OF DRILLING** 13.00 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0	0-2'	23.5	SM		(SM) Brown/ dark brown fine to medium SAND, some silt, trace organics, moist, no odor	PID = 0
2.0						
2.5	2-4'	23.5	SM		(SM) Red brown/ brown fine to medium SAND and silt, some clay, moist, no odor	PID = 0
5.0	4-6'	17.5				PID = 0
6.0						
7.5	6-8'	17.5	SP		(SP) Brown/ light brown fine to medium SAND, little silt, trace fine gravel, moist, no odor	PID = 0
10.0	8-10'	16.5				PID = 0
	10-12'	16.5				PID = 0
12.5	12-14'	20.5			▽	PID = 0
14.0						
15.0	14-16'	20.5	SP		(SP) Brown/ dark brown fine to medium SAND, little silt, no odor	PID = 0
16.0						

Bottom of borehole at 16.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

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40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B53

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
▽ **AT TIME OF DRILLING** 14.00 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0	0-2'	19	SM		(SM) Brown/ dark brown fine to medium SAND, some silt, trace organics, moist, no odor	PID = 0
2.5	2-4'	19				PID = 0
					4.0	
					(SM) Red brown/ brown SAND and silt, little clay, trace organics, moist, no odor	
5.0	4-6'	17	SM			PID = 0
7.5	6-8'	17				PID = 0
					8.0	
					(SW) Brown/ light brown fine to coarse SAND, little silt, some fine gravel, moist, no odor	
	8-10'	22				PID = 0
10.0	10-12'	22	SW			PID = 0
					12.0	
12.5					(SW) Dark brown/ red brown fine to coarse SAND, little silt, no odor	
	12-14'	24				PID = 0
			SW		▽	
15.0	14-16'	24				PID = 0
					16.0	

Bottom of borehole at 16.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

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40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B54

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
▽ **AT TIME OF DRILLING** 11.00 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0	0-2'	20	SM		(SM) Dark brown/ brown fine to medium SAND, some silt, trace fine gravel and organics, moist, no odor	PID = 0
2.0						
2.5	2-4'	20	SM		(SM) Brown fine to coarse SAND, some silt, trace organics, moist, no odor	PID = 0
4.0						
5.0	4-6'	18			(SM) Brown/ light brown fine to coarse SAND, some silt, trace organics, moist	PID = 0
7.5	6-8'	18				PID = 0
	8-10'	24	SM			PID = 0
10.0	10-12'	24			▽	PID = 0
12.0						
12.5	12-14'	23			(SM) Dark brown/ red brown fine to medium SAND and silt, trace clay, wet, no odor	PID = 0
15.0	14-16'	23	SM			PID = 0
16.0						

Bottom of borehole at 16.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

ZUVIC

40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B55

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/20/24 **COMPLETED** 5/20/24
GROUND ELEVATION --- **HOLE SIZE** 6.0"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Air Knife
AT TIME OF DRILLING ---
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0						
1	0-2'	24	SM		(SM) Dark brown/ brown fine to medium SAND and silt, trace fine gravel and organics, moist, no odor	PID = 0
2					2.0	
3	2-4'	24	SP		(SP) Brown fine to medium SAND, little silt, trace fine gravel, moist, no odor	PID = 0
4					4.0	
5	4-6'	24	SP		(SP) Brown fine to medium SAND, trace silt, trace organics, moist, no odor	PID = 0
6					6.0	

Bottom of borehole at 6.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

ZUVIC

40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B56

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
AT TIME OF DRILLING ---
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0					ASPHALT	
					0.5	
					(SP) Brown/ red brown fine to medium SAND, some coarse gravel, brick and ash	
1						
	0-2'	18				PID = 0
2						
			SP			
3						
	2-4'	18				PID = 0
4					4.0	
					(SW) Brown/ light brown fine to coarse SAND, and fine to coarse gravel, moist, no odor	
5						
	4-6'	18	SW			PID = 0
6					6.0	

Bottom of borehole at 6.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

ZUVIC

40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B57

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/20/24 **COMPLETED** 5/20/24
GROUND ELEVATION --- **HOLE SIZE** 6.0"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Air Knife
AT TIME OF DRILLING ---
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0						
1	0-2'	24	SM		(SM) Brown/ dark brown fine to medium SAND and silt, trace fine gravel and organics, moist, no odor	PID = 0
2					2.0	
3	2-4'	24	SP		(SP) Brown fine to medium SAND, little silt, trace fine gravel, trace organics, moist, no odor	PID = 0
4					4.0	
5	4-6'	24	SP		(SP) Brown fine to medium SAND, trace silt, trace organics, moist, no odor	PID = 0.2
6					6.0	

Bottom of borehole at 6.0 feet.

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ZUVIC

40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B58

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/20/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 6.0"/2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Air Knife and Direct Push using Macro Core Sampler
AT TIME OF DRILLING 10.00 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0					ASPHALT	
					0.5	
	0.5-2'	18	SP		(SP) Brown/ dark brown SAND and coarse gravel, moist, no odor	PID = 0
					2.0	
2.5	2-4'	24	SP		(SP) Brown fine to medium SAND, little fine gravel, trace silt, moist, no odor	PID = 0
					4.0	
5.0	4-6'	24	SP		(SP) Brown/ dark brown fine to medium SAND, trace silt, no odor	PID = 0
					6.0	
7.5	6-8'	16	SW		(SW) Brown/ dark brown fine to coarse SAND, some fine gravel, little silt, moist, no odor	PID = 0
					8.0	
	8-10'	16			(SW) Brown fine to coarse SAND, trace silt and fine gravel, moist, no odor	PID = 0
10.0			SW		▽	
	10-12	23				PID = 0
					12.0	

Bottom of borehole at 12.0 feet.

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ZUVIC

40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B59

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/21/24 **COMPLETED** 5/21/24
GROUND ELEVATION --- **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct push using Macro Core Sampler
▽ **AT TIME OF DRILLING** 3.00 ft (estimated)
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0					(SM) Dark brown fine to medium SAND and silt, trace organics, moist, no odors	
1	0-2'	20	SM			PID = 0
2					2.0	
					(SM) Brown fine to coarse SAND and silt, trace clay and organics, no odor	
3	2-4'	20	SM		▽	PID = 0
4					4.0	
					(SW) Brown fine to coarse SAND, little silt, no odor	
5	4-6'	23.5	SW			PID = 0
6					6.0	

Bottom of borehole at 6.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

ZUVIC

40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B60

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/20/24 **COMPLETED** 5/20/24
GROUND ELEVATION --- **HOLE SIZE** 6.0"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Air Knife
AT TIME OF DRILLING ---
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0						
1	0-2'	24	SM		(SM) Dark brown fine to medium SAND, some silt, little fine gravel, trace organics, moist, no odor	PID = 0
2					2.0	
3	2-4'	24	SP		(SP) Dark brown/ orange brown medium to coarse SAND and fine gravel, trace organics, moist , no odor	PID = 0.2
4					4.0	
5	4-6'	24	SP		(SP) Light brown/ brown medium to coarse SAND, trace silt and fine gravel, trace organics, moist, no odor	PID = 0
6					6.0	

Bottom of borehole at 6.0 feet.

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40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B61

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/20/24 **COMPLETED** 5/20/24
GROUND ELEVATION --- **HOLE SIZE** 6.0"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Air Knife
AT TIME OF DRILLING ---
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0						
1	0-2'	24	SM		(SM) Dark brown fine to medium SAND, some silt, little fine gravel, trace organics, moist, no odor	PID = 0.2
2					2.0	
3	2-4'	24	SP		(SP) Dark brown/ orange brown medium to coarse SAND and fine gravel, trace organics, moist, no odor	PID = 0.4
4					4.0	
5	4-6'	24	SP		(SP) Brown/ light brown medium to coarse SAND, trace silt and fine gravel, trace organics, moist, no odor	PID = 0.1
6					6.0	

Bottom of borehole at 6.0 feet.

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ZUVIC

40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B62

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/20/24 **COMPLETED** 5/20/24
GROUND ELEVATION --- **HOLE SIZE** 6.0"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Air Knife
AT TIME OF DRILLING ---
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0					(SM) Brown fine to medium SAND, some silt, trace organics, moist, no odor	
1	0-2'	24	SM			PID = 0
2					2.0	
					(SM) Brown/ light brown fine to coarse SAND, some silt, trace organics, moist, no odor	
3	2-4'	24	SM			PID = 0.3
4					4.0	
					(SW) Brown fine to coarse SAND, little silt, trace organics, moist, no odor	
5	4-6'	24	SW			PID = 0
6					6.0	

Bottom of borehole at 6.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

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40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B63

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/20/24 **COMPLETED** 5/20/24
GROUND ELEVATION --- **HOLE SIZE** 6.0"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Air Knife
AT TIME OF DRILLING ---
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0					(SM) Dark brown/ brown fine to coarse SAND and silt, trace organics, moist, no odor	
1	0-2'	24	SM			PID = 0
2					2.0	
					(SP) Brown fine to medium SAND, trace silt and organics, moist, no odor	
3	2-4'	24	SP			PID = 0.3
4					4.0	
					(SW) Brown fine to coarse SAND, trace silt and organics, moist, no odor	
5	4-6'	24	SW			PID = 0
6					6.0	

Bottom of borehole at 6.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/23/24 13:17 - H:\PROJECTS\23246 - EVERSOURCE BLUE HILLS AVE WINDSOR PHASE III\REPORTS\ENVIRO\SUPPLEMENTAL INV PROGRAM\23246-8B EXTERIOR BORING DRILLING\BORING LOGS\GINT BORING LC

ZUVIC

40 Cold Spring Road
Rocky Hill, CT 06067

BORING NUMBER B64

CLIENT Eversource
PROJECT NAME Supplemental Investigation
PROJECT NUMBER 23246-8B
PROJECT LOCATION 1985 Blue Hills Ave Extension, Windsor, CT
DATE STARTED 5/20/24 **COMPLETED** 5/20/24
GROUND ELEVATION --- **HOLE SIZE** 6.0"
DRILLING CONTRACTOR Haz-Probe, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Air Knife
AT TIME OF DRILLING ---
LOGGED BY RTO **CHECKED BY** DP
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY (in.)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0					(SM) Dark brown/ brown fine to coarse SAND and silt, trace organics, moist, no odor	
1	0-2'	24	SM			PID = 0
2					2.0	
					(SP) Brown fine to medium SAND, trace silt and organics, moist, no odor	
3	2-4'	24	SP			PID = 0.2
4					4.0	
					(SW) Brown fine to coarse SAND, trace silt and organics, moist, no odor	
5	4-6'	24	SW			PID = 0
6					6.0	

Bottom of borehole at 6.0 feet.

Appendix B

Low-Flow Groundwater Sampling Field Logs

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Low-Flow Groundwater Sampling Field Log

Well No. B3 / MW3	Project No. 23246-3	Location 1985 Blue Hills Ave, Windsor	Sheet 1 of 1
Start Time 0800	Initial Depth to Water 10.04	Measuring Point (top of PVC)	Date 5/13/24
Sample Time 09	Initial Flow Rate 100 ml / min	Stable Flow Rate 100 ml / min	Intake Depth 2 ft off bottom
Sample ID B3 / MW3	No. & Type of Containers See chain of custody		Pump Type Peristaltic geopump
P.M. Dan Pinho			Logged By AA

Clock Time (24-hour) 3 - 5 min	pH (s.u.) ± 0.1 unit	Specific Conductivity (mS/cm) ± 3%	Turbidity (NTU) ± 10%	DO (mg/L) ± 10%	Temp (°C) ± 3%	ORP/Eh[3] (mv) ± 10 millivolts	Depth to Water (ft) Drawdown <0.3ft	Comments
0820	6.48	1.34	70.7	8.63	11.47	162	10.05	Clear, No odor
0825	6.50	1.34	6.4	7.76	12.04	149	10.07	
0830	6.49	1.33	0.0	7.93	12.25	145	10.07	
0835	6.50	1.33	0.0	7.68	12.35	147	10.09	
0840	6.50	1.32	0.0	7.62	12.58	135	10.09	
0845	6.50	1.33	0.0	7.52	12.60	134	10.09	
0850	6.51	1.31	0.0	7.72	12.99	125	10.10	
0855	6.51	1.30	0.0	7.63	13.18	123	10.10	
								1 gallon purged.

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Low-Flow Groundwater Sampling Field Log

Well No. L1985-10MW	Project No. 23246-6	Location 1985 Blue Hills Ave, Hartford	Sheet 1 of 1
Start Time 1100	Initial Depth to Water 14.01	Measuring Point ~~top of PVC~~	Date 5/6/24
Sample Time 1155	Initial Flow Rate 100 ml/min	Stable Flow Rate 100 ml/min	Intake Depth 2ft off bottom
Sample ID L1985-10 MW	No. & Type of Containers See chain of custody		Pump Type Peristaltic geopump
P.M. Dan Pinho			Logged By AP

Clock Time (24-hour) 3 - 5 min	pH (s.u.) ± 0.1 unit	Specific Conductivity (mS/cm) ± 3%	Turbidity (NTU) ± 10%	DO (mg/L) ± 10%	Temp (°C) ± 3%	ORP/Eh[3] (mv) ± 10 millivolts	Depth to Water (ft) Drawdown <0.3ft	Comments
1110	6.19	0.647	1.0	5.74	13.98	146	14.03	Clear, no odor.
1115	6.19	0.646	0.8	5.94	13.96	146	14.03	
1120	6.19	0.645	0.9	6.17	13.97	146	14.04	
1125	6.18	0.641	0.0	9.96	14.26	141	14.06	
1130	6.16	0.647	0.0	9.98	14.24	141	14.06	
1135	6.16	0.644	0.0	9.99	14.22	140	14.07	
1140	6.15	0.660	0.0	5.61	14.74	137	14.09	
1145	6.15	0.659	0.0	5.39	14.70	137	14.09	
1150	6.15	0.659	0.0	5.94	14.73	136	14.10	

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Low-Flow Groundwater Sampling Field Log

Well No.	B2/MW2	Project No.	23246-3	Location	1985 Bloomfield Ave, Windsor			Sheet	1 of 1
Start Time	0800	Initial Depth to Water	10.24	Measuring Point	top of PVC			Date	5/13/24
Sample Time	0910	Initial Flow Rate	100 ml/min	Stable Flow Rate	100 ml/min			Intake Depth	2ft off bottom
Sample ID	B2 I MW2	No. & Type of Containers	See chain of custody					Pump Type	Peristaltic geopump
P.M.	Dan Pinho							Logged By	AA

Clock Time (24-hour) 3 - 5 min	pH (s.u.) ± 0.1 unit	Specific Conductivity (mS/cm) ± 3%	Turbidity (NTU) ± 10%	DO (mg/L) ± 10%	Temp (°C) ± 3%	ORP/Eh[3] (mv) ± 10 millivolts	Depth to Water (ft) Drawdown <0.3ft	Comments
0815	5.89	2.95	51.4	15.03	11.66	205	10.26	Clear / No odor
0820	5.85	2.95	24.3	8.94	11.92	195	10.26	
0825	5.84	2.90	17.2	8.47	12.76	193	10.28	
0830	5.86	2.68	9.7	5.60	12.79	187	10.28	
0835	5.89	2.60	9.3	8.36	12.74	182	10.30	
0840	5.90	2.53	8.3	8.48	12.80	181	10.30	
0845	5.93	2.36	6.5	8.14	13.13	174	10.32	
0850	5.94	2.30	6.1	8.13	13.40	172	10.32	
0855	5.99	2.09	4.9	7.86	13.88	164	10.34	
0900	6.00	2.08	5.4	7.88	13.87	164	10.34	
0905	6.02	2.00	5.3	7.89	14.24	160	10.35	
								3 gallons purged

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Low-Flow Groundwater Sampling Field Log

Well No. B24 / MW6	Project No. 23246-3	Location 1985 Blue Hills Ave, Windsor	Sheet 1 of 1
Start Time 1030	Initial Depth to Water 10.80	Measuring Point top of PVC	Date 5/13/24
Sample Time 1200	Initial Flow Rate 100 ml / min	Stable Flow Rate 100 ml / min	Intake Depth 24 off bottom
Sample ID B124 / MW6	No. & Type of Containers See chain of custody		Pump Type Peristaltic geopump
P.M. Dan Pinho			Logged By AA

Clock Time (24-hour) 3 - 5 min	pH (s.u.) ± 0.1 unit	Specific Conductivity (mS/cm) ± 3%	Turbidity (NTU) ± 10%	DO (mg/L) ± 10%	Temp (°C) ± 3%	ORP/Eh[3] (mv) ± 10 millivolts	Depth to Water (ft) Drawdown <0.3ft	Comments
1105	6.07	0.859	5.3	5.42	19.57	178	10.82	Clear, no odor
1110	5.87	0.850	5.8	5.28	19.32	190	10.82	
1115	5.87	0.849	5.8	5.28	19.31	190	10.83	
1120	5.87	0.846	5.9	5.31	19.18	184	10.83	
1125	5.89	0.844	6.7	5.41	19.14	188	10.85	
1130	5.93	0.842	7.1	5.50	19.11	187	10.85	
1135	5.96	0.837	7.5	5.15	19.27	185	10.88	
1140	5.95	0.837	7.17	5.15	19.27	184	10.88	
1145	5.96	0.836	7.16	5.06	19.30	184	10.99	
1150	5.95	0.836	5.5	5.07	19.31	184	10.90	
1155	5.96	0.863	5.4	5.57	17.38	188	10.92	

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Low-Flow Groundwater Sampling Field Log

Well No. BS/MW5	Project No. 23246-3	Location 1485 Blue Hills Ave, Hartford	Sheet 1 of 1
Start Time 1300	Initial Depth to Water 11.25	Measuring Point ~~top of PVC~~	Date 5/13/24
Sample Time 1500	Initial Flow Rate 600 ml/min	Stable Flow Rate 100 ml/min	Intake Depth 2 ft off bottom
Sample ID BS/MW5	No. & Type of Containers See Chain of Custody		Pump Type Peristaltic geopump
P.M. Dan Anno			Logged By AJS

Clock Time (24-hour) 3 - 5 min	pH (s.u.) ± 0.1 unit	Specific Conductivity (mS/cm) ± 3%	Turbidity (NTU) ± 10%	DO (mg/L) ± 10%	Temp (°C) ± 3%	ORP/Eh[3] (mv) ± 10 millivolts	Depth to Water (ft) Drawdown <0.3ft	Comments
1350	5.55	0.523	4.3	2.72	14.02	210	11.28	Cloudy Wooda
1355	5.53	0.524	4.4	2.80	13.97	211	11.28	
1400	5.51	0.524	4.2	2.89	13.92	212	11.28	
1405	5.67	0.523	3.8	2.70	13.91	205	11.30	
1410	5.66	0.523	4.0	2.81	13.87	204	11.30	
1415	5.69	0.523	3.6	2.94	13.85	203	11.32	
1420	5.69	0.524	3.5	2.90	13.83	202	11.32	
1425	5.77	0.525	3.4	2.67	13.68	200	11.34	
1430	5.77	0.525	3.5	2.64	13.68	201	11.34	
1435	5.77	0.526	3.4	2.62	13.66	201	11.34	
1440	5.76	0.528	3.3	2.75	13.62	202	11.36	
1445	5.76	0.528	3.3	2.74	13.63	202	11.36	
1450	5.76	0.528	3.3	2.70	13.63	202	11.36	
1455	5.77	0.528	3.3	2.70	13.63	201	11.37	
								3 gallons purged.

ZUVIC | Infrastructure Solutions

Low-Flow Groundwater Sampling Field Log

Well No. BH/MW 4	Project No. 23246-3	Location 1985 Blue Hills Ave, Windsor	Sheet 1 of 1
Start Time 1300	Initial Depth to Water 10.93	Measuring Point ~~top of PVC~~	Date 5/13/24
Sample Time 1420	Initial Flow Rate 100 ml/min	Stable Flow Rate 100 ml/min	Intake Depth 2ft off bottom
Sample ID BH/MW4	No. & Type of Containers See Chain of custody		Pump Type Aquatech geopump
P.M. Dan Pinho			Logged By AA

Clock Time (24-hour) 3 - 5 min	pH (s.u.) ± 0.1 unit	Specific Conductivity (mS/cm) ± 3%	Turbidity (NTU) ± 10%	DO (mg/L) ± 10%	Temp (°C) ± 3%	ORP/Eh[3] (mv) ± 10 millivolts	Depth to Water (ft) Drawdown <0.3ft	Comments
1340	6.04	1.34	0.0	4.76	22.42	163	10.95	Clear, No odor
1345	6.04	1.34	0.0	4.83	22.35	163	10.95	
1350	6.05	1.34	0.0	4.88	22.06	164	10.95	
1355	6.06	1.35	0.0	4.73	21.94	163	10.97	
1400	6.06	1.35	0.0	4.72	21.92	163	10.97	
1405	6.06	1.35	0.0	4.86	21.88	163	10.98	
1410	6.08	1.35	0.0	4.90	21.85	162	10.98	
1415	6.09	1.36	0.0	6.66	15.3	161	10.99	2 gallons purged.

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Low-Flow Groundwater Sampling Field Log

Well No. B23/MW7	Project No. 23246	Location Eversource, Windsor, CT	Sheet 1 of 1
Start Time 1450	Initial Depth to Water 10.24	Measuring Point top of PVC	Date 5/13/24
Sample Time 1550	Initial Flow Rate 100 mL/min	Stable Flow Rate 100 mL/min	Intake Depth 2 ft off bottom
Sample ID B23/MW7	No. & Type of Containers See chain of custody		Pump Type Peristaltic geopump
P.M. Dan Dinh			Logged By Ryan O.

Clock Time (24-hour) 3 - 5 min	pH (s.u.) ± 0.1 unit	Specific Conductivity (mS/cm) ± 3%	Turbidity (NTU) ± 10%	DO (mg/L) ± 10%	Temp (°C) ± 3%	ORP/Eh[3] (mv) ± 10 millivolts	Depth to Water (ft) Drawdown <0.3ft	Comments
1450	Begin Pumping →						10.24	Begin Pumping
1510	6.44	0.218	36.5	2.95	13.63	106	10.22	Slightly turbid water
1515	6.18	0.219	31.0	2.74	13.44	118	10.20	
1520	5.82	0.233	32.3	2.60	12.92	130	10.20	
1525	5.80	0.247	24.2	2.40	12.65	124	10.20	
1530	5.83	0.264	13.0	2.20	12.70	106	10.21	
1535	5.89	0.257	10.7	2.25	12.74	100	10.21	
1540	6.02	0.266	12.9	2.22	12.69	90	10.21	
1545	6.09	0.279	11.2	2.23	12.68	93	10.20	
1550	6.06	0.270	12.3	2.23	12.70	95	10.20	
1550	Begin sampling. Turbidity is greater than 10 NTU's as a three metric sample was collected. →							Begin Sampling
				5/13/24-RO				

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Low-Flow Groundwater Sampling Field Log

Well No. L1985-3MW	Project No. 23246	Location Eversource, Windsor, CT	Sheet 1 of 1
Start Time 1340	Initial Depth to Water 7.36	Measuring Point top of PVC	Date 5/13/24
Sample Time 1420	Initial Flow Rate 100 mL/min	Stable Flow Rate 100 mL/min	Intake Depth 2ft abs bottom
Sample ID L1985-3MW	No. & Type of Containers See Chain of Custody.		Pump Type Peristaltic geopump
P.M. Dan Pinto			Logged By Ryan O.

Clock Time (24-hour) 3 - 5 min	pH (s.u.) ± 0.1 unit	Specific Conductivity (mS/cm) ± 3%	Turbidity (NTU) ± 10%	DO (mg/L) ± 10%	Temp (°C) ± 3%	ORP/Eh[3] (mv) ± 10 millivolts	Depth to Water (ft) Drawdown <0.3ft	Comments
1340	Begin Pumping						7.36	Begin Pumping
1400	6.48	~~89~~ 1.94	2.7	4.37	18.80	113	7.37	
1405	6.46	~~87~~ 1.98	0.7	4.42	18.47	113	7.37	
1410	6.48	~~90~~ 1.99	0.0	4.39	18.41	113	7.37	
1415	6.46	~~1.9~~ 2.00	1.9	4.33	18.40	113	7.37	
1420	6.46	2.01	0.0	4.30	18.43	112	7.37	
1420	Begin Sampling							Begin Sampling

5/13/24 - RTL

ZUVIC | Infrastructure Solutions

Low-Flow Groundwater Sampling Field Log

Well No. B1/MW1	Project No. 23246	Location Eversource Windsor, CT	Sheet 1 of 1
Start Time 1140	Initial Depth to Water 10.78	Measuring Point top of PVC	Date 5/13/24
Sample Time 1220	Initial Flow Rate 100mL/min	Stable Flow Rate 100 mL/min	Intake Depth 2 ft off bottom
Sample ID B1/MW1	No. & Type of Containers See Chain of Custody		Pump Type Peristaltic geopump
P.M. Dan Pinto			Logged By Ryan O.

Clock Time (24-hour) 3 - 5 min	pH (s.u.) ± 0.1 unit	Specific Conductivity (mS/cm) ± 3%	Turbidity (NTU) ± 10%	DO (mg/L) ± 10%	Temp (°C) ± 3%	ORP/Eh[3] (mv) ± 10 millivolts	Depth to Water (ft) Drawdown <0.3ft	Comments
1140	Begin Pumping	→				→	10.78	Begin Pump
1155	6.40	1.40	5.4	5.55	16.14	38	10.84	
1200	6.38	1.40	1.2	5.75	16.16	46	10.86	
1205	6.37	1.38	0.0	5.73	16.12	51	10.89	
1210	6.37	1.37	0.0	5.72	16.10	53	10.91	
1215	6.36	1.36	0.0	5.70	16.09	54	10.94	
1220	6.36	1.36	0.0	5.74	16.11	55	10.97	
1220	Begin Sampling	→				→	→	Sampling
				5/13/24-RD				

ZUVIC | Infrastructure Solutions

Low-Flow Groundwater Sampling Field Log

Well No. L1485MW	Project No. 23246	Location Eversource Limerick, CT	Sheet 1 of 1
Start Time 1005	Initial Depth to Water 11.35	Measuring Point top of PVC	Date 5/17/24
Sample Time 1105	Initial Flow Rate 100 ml/min	Stable Flow Rate 100 ml/min	Intake Depth 2 ft off bottom
Sample ID L1485-5MW	No. & Type of Containers See Chain of Custody		Pump Type Rotasite geopump
P.M. Dan Dinno			Logged By Ryan O.

Clock Time (24-hour) 3 - 5 min	pH (s.u.) ± 0.1 unit	Specific Conductivity (mS/cm) ± 3%	Turbidity (NTU) ± 10%	DO (mg/L) ± 10%	Temp (°C) ± 3%	ORP/Eh[3] (mv) ± 10 millivolts	Depth to Water (ft) Drawdown <0.3ft	Comments
1005	Begin Pumping	→	→	→	→	→	11.35	Begin Pumping
1025	5.90	2.95	41.4	2.61	16.34	134	11.38	
1030	5.89	2.94	27.7	1.32	16.30	132	11.38	
1035	5.89	2.95	20.7	1.31	16.47	133	11.38	
1040	5.89	2.96	20.9	1.29	16.42	132	11.37	
1045	5.88	2.97	19.7	1.30	16.32	132	11.37	
1050	5.88	2.98	20.3	1.31	16.30	132	11.37	
1055	5.87	2.97	19.6	1.31	16.32	133	11.37	
1100	5.86	2.98	19.7	1.30	16.34	133	11.37	
1105	5.86	2.99	19.7	1.31	16.37	133	11.37	
1105	Begin Sampling.	Well is stable	but turbidity is greater than	10 NTUs so a	filtered	sample	was	collected.
				5/17/24-RTG				

ZUVIC Infrastructure Solutions

Low-Flow Groundwater Sampling Field Log

L1985-6MW

Well No. ~~L1985-MW6~~ (RD)	Project No. 23246	Location Eversource Windsor	Sheet 1 of 1
Start Time 0815	Initial Depth to Water 9.90	Measuring Point top of PVC	Date 5/17/24
Sample Time L1985-6MW 0905	Initial Flow Rate 100 mL/min	Stable Flow Rate 100 mL/min	Intake Depth 2ft off bottom
Sample ID ~~L1985-MW6~~ (RD)	No. & Type of Containers See Chain of custody		Pump Type Rediflo geopump
P.M. Dan Pinho			Logged By Ryan

Clock Time (24-hour) 3 - 5 min	pH (s.u.) ± 0.1 unit	Specific Conductivity (mS/cm) ± 3%	Turbidity (NTU) ± 10%	DO (mg/L) ± 10%	Temp (°C) ± 3%	ORP/Eh[3] (mv) ± 10 millivolts	Depth to Water (ft) Drawdown <0.3ft	Comments
0815	Begin Pumping						9.90	Begin pumping
0835	6.57	4.91	6.1	8.90	12.44	107	10.11	
0840	6.64	4.94	5.6	8.20	12.47	107	10.19	
0845	6.67	4.96	5.9	8.00	12.49	107	10.28	
0850	6.73	5.10	2.2	8.00	12.92	100	10.29	
0855	6.74	5.09	1.0	7.97	12.97	95	10.30	
0900	6.74	5.09	0.0	7.96	12.94	95	10.30	
0905	6.73	5.09	0.7	7.94	12.90	96	10.31	
0905	Begin Sampling							Begin Sampling
				5/17/24 - RD				

Appendix C

Helium Leak Test Field Data Sheets

Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

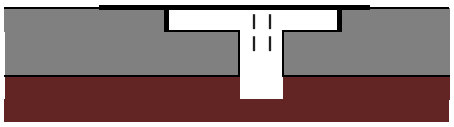
Soil Vapor Point ID:	**SV-1**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.12 inHG
Logged By:	KN
Date:	8/8/2024
Start Time:	15:03
Stop Time:	15:09

Helium Leak Test:

PID Screening (Pre-Leak Test)	0.2	ppm			Goal: Purge at least 3 void volumes
Chamber Helium Concentration (Pre-Leak Test)	34.2	**%**			Goal: At least 10% helium in chamber
PID Screening	0.0	ppm			
Helium in Vapor Point	50	ppm	0.0050	%	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	30.7	%			
Passed Helium Leak Test?	Yes	0.015	%		Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post-leak test

Sketch & Notes:

Approximate Concrete Thickness: 6"



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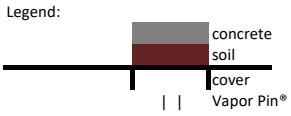


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

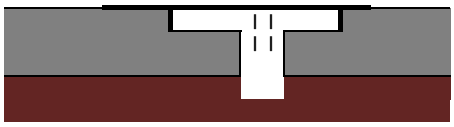
Soil Vapor Point ID:	**SV-2**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.12 inHG
Logged By:	KN
Date:	8/8/2024
Start Time:	15:15
Stop Time:	15:22

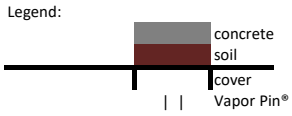
Helium Leak Test:

PID Screening (Pre-Leak Test)	0.2	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	20.3	**%**	Goal: At least 10% helium in chamber		
PID Screening	0.1	ppm			
Helium in Vapor Point	425	ppm	0.043	%	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	19.9	%			
Passed Helium Leak Test?	Yes	0.21 %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post-leak test		

Sketch & Notes:

Approximate Concrete Thickness: 6"





(Not to Scale)

Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

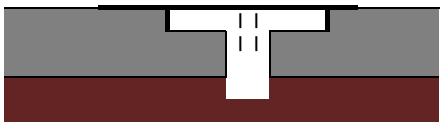
Soil Vapor Point ID:	**SV-3**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.12 inHG
Logged By:	KN
Date:	8/8/2024
Start Time:	17:33
Stop Time:	17:37

Helium Leak Test:

PID Screening (Pre-Leak Test)	0.0	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	16.6	**%**	Goal: At least 10% helium in chamber		
PID Screening	0.0	ppm			
Helium in Vapor Point	225	ppm	0.023	%	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	23.2	%			
Passed Helium Leak Test?	Yes	0.11 %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post-leak test		

Sketch & Notes:

Approximate Concrete Thickness: 6"



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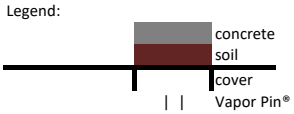


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

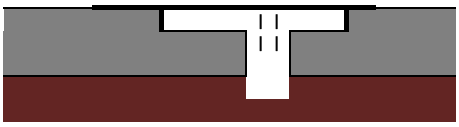
Soil Vapor Point ID:	**SV-4**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.12 inHG
Logged By:	KN
Date:	8/8/2024
Start Time:	17:26
Stop Time:	17:30

Helium Leak Test:

PID Screening (Pre-Leak Test)	0.3	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	30.9	**%**	Goal: At least 10% helium in chamber		
PID Screening	0.0	ppm			
Helium in Vapor Point	0.0	ppm	0	%	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	28.9	%			
Passed Helium Leak Test?	Yes	0 %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post-leak test		

Sketch & Notes:

Approximate Concrete Thickness: 6"



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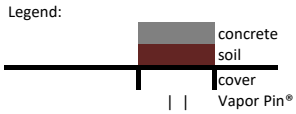


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

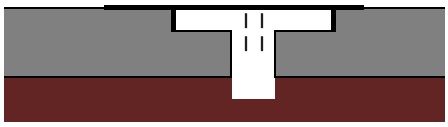
Soil Vapor Point ID:	**SV-5**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.12 inHG
Logged By:	DP/RO
Date:	8/8/2024
Start Time:	17:55
Stop Time:	17:59

Helium Leak Test:

PID Screening (Pre-Leak Test)	1.1	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	27.3	**%**	Goal: At least 10% helium in chamber		
PID Screening	0.7	ppm			
Helium in Vapor Point	0.0	ppm	0 %	Unit Conversion:	1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	27.5	%			
Passed Helium Leak Test?	Yes	0 %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post- leak test		

Sketch & Notes:

Approximate Concrete Thickness: 8"



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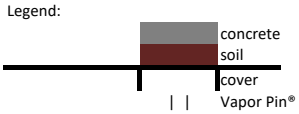


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

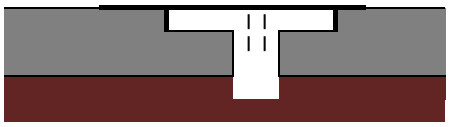
Soil Vapor Point ID:	**SV-6**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.11 inHG
Logged By:	ARM
Date:	8/8/2024
Start Time:	18:05
Stop Time:	18:10

Helium Leak Test:

PID Screening (Pre-Leak Test)	0.0	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	33	**%**	Goal: At least 10% helium in chamber		
PID Screening	0.0	ppm			
Helium in Vapor Point	175	ppm	0.018	%	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	32.5	%			
Passed Helium Leak Test?	Yes	0.053 %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post-leak test		

Sketch & Notes:

Approximate Concrete Thickness: 6"



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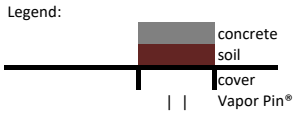


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

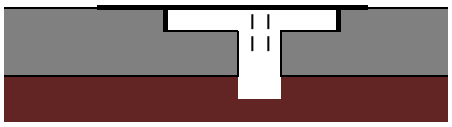
Soil Vapor Point ID:	**SV-7**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.12 inHG
Logged By:	KN
Date:	8/8/2024
Start Time:	17:41
Stop Time:	17:45

Helium Leak Test:

PID Screening (Pre-Leak Test)	0.1	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	34	**%**	Goal: At least 10% helium in chamber		
PID Screening	0	ppm			
Helium in Vapor Point	4,200	ppm	0.42	%	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	34	%			
Passed Helium Leak Test?	Yes	1.24 %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post-leak test		

Sketch & Notes:

Approximate Concrete Thickness: 6"



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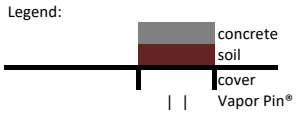


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

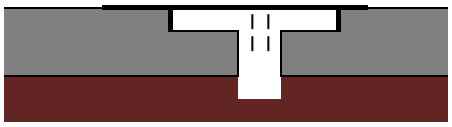
Soil Vapor Point ID:	**SV-8**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.12 inHG
Logged By:	KN
Date:	8/8/2024
Start Time:	17:19
Stop Time:	17:22

Helium Leak Test:

PID Screening (Pre-Leak Test)	0.0	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	27.5	**%**	Goal: At least 10% helium in chamber		
PID Screening	0.0	ppm			
Helium in Vapor Point	0.0	ppm	0	%	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	23.6	%			
Passed Helium Leak Test?	Yes	0 %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post-leak test		

Sketch & Notes:

Approximate Concrete Thickness: 6"



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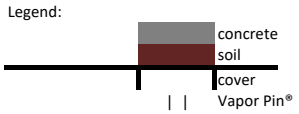


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

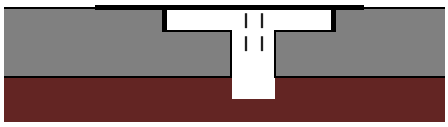
Soil Vapor Point ID:	**SV-9**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.11 inHG
Logged By:	RO
Date:	8/8/2024
Start Time:	18:15
Stop Time:	18:20

Helium Leak Test:

PID Screening (Pre-Leak Test)	0.6	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	23.8	**%**	Goal: At least 10% helium in chamber		
PID Screening	0.0	ppm			
Helium in Vapor Point	225	ppm	0.023	%	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	23	%			
Passed Helium Leak Test?	Yes	0.096 %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post- leak test		

Sketch & Notes:

Approximate Concrete Thickness: 6"



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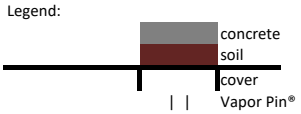


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

Soil Vapor Point ID: **SV-10**

Job Number: 23246-10
Job Name: Blue Hills Ave Extension
Location: Windsor, CT
Barometric Pressure: 30.14 inHG
Logged By: AM

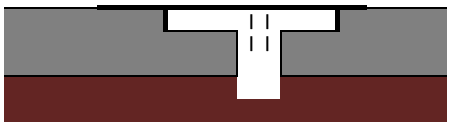
Date: 8/8/2024
Start Time: NOT PERFORMED- NOT ACCESSIBLE
Stop Time:

Helium Leak Test:

PID Screening (Pre-Leak Test)		ppm	Goal: Purge at least 3 void volumes	
Chamber Helium Concentration (Pre-Leak Test)		**%**	Goal: At least 10% helium in chamber	
PID Screening		ppm		
Helium in Vapor Point		ppm		% Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)		%		
Passed Helium Leak Test?		%	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post-leak test	

Sketch & Notes:

Approximate Concrete Thickness: 6"



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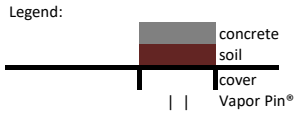


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

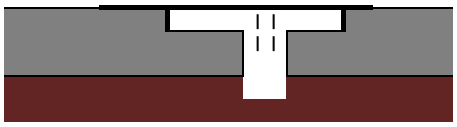
Soil Vapor Point ID:	**SV-11**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.13 inHG
Logged By:	RO
Date:	8/8/2024
Start Time:	14:01
Stop Time:	14:03

Helium Leak Test:

PID Screening (Pre-Leak Test)	0.0	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	35	**%**	Goal: At least 10% helium in chamber		
PID Screening	0.0	ppm			
Helium in Vapor Point	125	ppm	0.013	%	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	26.5	%			
Passed Helium Leak Test?	Yes	0.041 %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post-leak test		

Sketch & Notes:

Approximate Concrete Thickness: 6"



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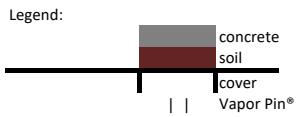


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

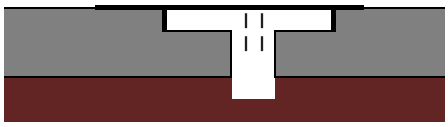
Soil Vapor Point ID:	**SV-12**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.12 inHG
Logged By:	KN
Date:	8/8/2024
Start Time:	14:51
Stop Time:	14:55

Helium Leak Test:

PID Screening (Pre-Leak Test)	0.0	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	16	**%**	Goal: At least 10% helium in chamber		
PID Screening	0.0	ppm			
Helium in Vapor Point	0.0	ppm	0 %	Unit Conversion:	1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	15.1	%			
Passed Helium Leak Test?	Yes	0 %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post- leak test		

Sketch & Notes:

Approximate Concrete Thickness: 6"



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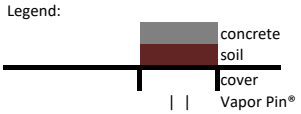


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

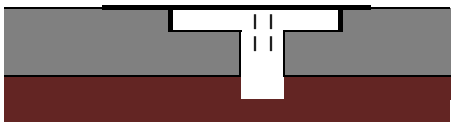
Soil Vapor Point ID:	**SV-13**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.14 inHG
Logged By:	KN
Date:	8/8/2024
Start Time:	13:50
Stop Time:	13:55

Helium Leak Test:

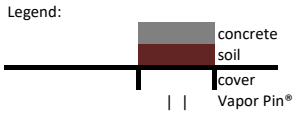
PID Screening (Pre-Leak Test)	0.2	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	34	**%**	Goal: At least 10% helium in chamber		
PID Screening	0.1	ppm			
Helium in Vapor Point	0.0	ppm	0	%	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	28.1	%			
Passed Helium Leak Test?	Yes	0 %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post-leak test		

Sketch & Notes:

Approximate Concrete Thickness: 8"



(Not to Scale)



Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

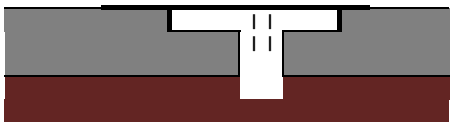
Soil Vapor Point ID:	**SV-14**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.12 inHG
Logged By:	RO
Date:	8/8/2024
Start Time:	17:12
Stop Time:	17:16

Helium Leak Test:

PID Screening (Pre-Leak Test)	0.0	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	16.4	**%**	Goal: At least 10% helium in chamber		
PID Screening	0.3	ppm			
Helium in Vapor Point	200	ppm	0.020	%	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	19.7	%			
Passed Helium Leak Test?	Yes	0.11 %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post-leak test		

Sketch & Notes:

Approximate Concrete Thickness: 6"



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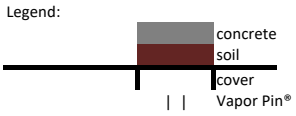


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

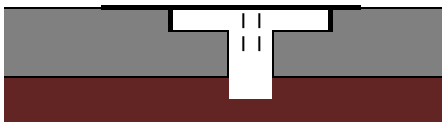
Soil Vapor Point ID:	**SV-15**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.14 inHG
Logged By:	ARM
Date:	8/8/2024
Start Time:	13:10
Stop Time:	13:15

Helium Leak Test:

PID Screening (Pre-Leak Test)	0.6	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	24	**%**	Goal: At least 10% helium in chamber		
PID Screening	0.6	ppm			
Helium in Vapor Point	225	ppm	0.023	%	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	15	%			
Passed Helium Leak Test?	Yes	0.12 %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post- leak test		

Sketch & Notes:

Approximate Concrete Thickness: 6"



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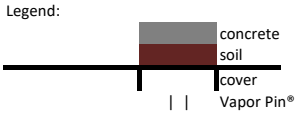


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

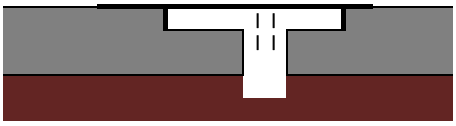
Soil Vapor Point ID:	**SV-16**
Job Number:	23246-10
Job Name:	Blue Hills Ave Extension
Location:	Windsor, CT
Barometric Pressure:	30.14 inHG
Logged By:	AM
Date:	8/8/2024
Start Time:	13:30
Stop Time:	13:35

Helium Leak Test:

PID Screening (Pre-Leak Test)	0.5	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	30	**%**	Goal: At least 10% helium in chamber		
PID Screening	0.2	ppm			
Helium in Vapor Point	525	ppm	0.053	%	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	25	%			
Passed Helium Leak Test?	Yes	0.19 %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post-leak test		

Sketch & Notes:

Approximate Concrete Thickness: 6"



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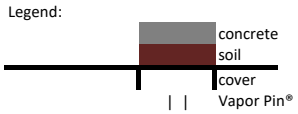


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

Soil Vapor Point ID: **SV-17**

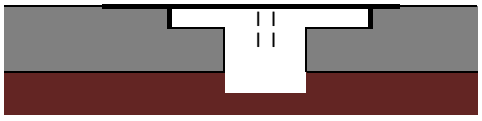
Job Number: 23246-10
Job Name: Blue Hills Ave Extension
Location: Windsor, CT
Barometric Pressure: 30.14 inHG
Logged By: RO

Date: 8/8/2024
Start Time: 12:48
Stop Time: 13:00

Helium Leak Test:	1st	**2nd**			
PID Screening (Pre-Leak Test)	1.4	**1.2**	ppm	Goal: Purge at least 3 void volumes	
Chamber Helium Concentration (Pre-Leak Test)	34	**42**	%	Goal: At least 10% helium in chamber	
PID Screening	0.8	**0.5**	ppm		
Helium in Vapor Point	1,250	**3,700**	ppm	**0.37** %	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	NM	**45.1**	%		
Passed Helium Leak Test?	Yes	**Yes**	**0.85** %	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post-leak test. **Calculated using 2nd test**	

Sketch & Notes:

Approximate Concrete Thickness: 6"



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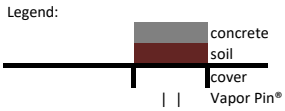


Soil Vapor Sampling
Helium Test Log Sheet
ZUVIC Inc.

Soil Vapor Point ID: **SV-18**

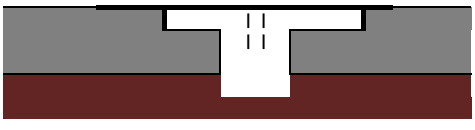
Job Number: 23246-10
Job Name: Blue Hills Ave Extension
Location: Windsor, CT
Barometric Pressure: 30.14 inHG
Logged By: KN

Date: 8/8/2024
Start Time: 12:30
Stop Time: 12:39

Helium Leak Test:	1st	**2nd**				
PID Screening (Pre-Leak Test)	0	**0.2**	ppm	Goal: Purge at least 3 void volumes		
Chamber Helium Concentration (Pre-Leak Test)	40	**35**	%	Goal: At least 10% helium in chamber		
PID Screening	0.1	**0.2**	ppm			
Helium in Vapor Point	6,250	**1,075**	ppm	**0.108**	%	Unit Conversion: 1% = 10,000 ppm
Chamber Helium Concentration (Post Test)	NM	**34.2**	%			
Passed Helium Leak Test?	Yes	**Yes**	**0.311**	%	Goal: Less than <10% helium in vapor point compared to average helium concentration recorded in the chamber during pre- and post-leak test. **Calculated using 2nd test**	

Sketch & Notes:

Approximate Concrete Thickness: 6"



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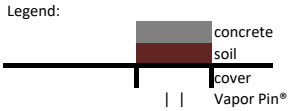


Appendix D

Soil Sample Laboratory Analytical Reports

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dan Pinho
Zuvic, Inc.
40 Cold Spring Road
Rocky Hill, CT 06067

Analytical Report

CET# 24E0649

Report Date:May 29, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

SAMPLE SUMMARY

The sample(s) were received at 3.0ºC.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B40 0.3-1ft	24E0649-01	Soil	5/20/2024 9:00	05/21/2024
B41 0.3-1ft	24E0649-02	Soil	5/20/2024 8:30	05/21/2024
B59 0-2ft	24E0649-03	Soil	5/20/2024 10:30	05/21/2024
B60 0-2ft	24E0649-04	Soil	5/20/2024 10:15	05/21/2024
B61 0-2ft	24E0649-05	Soil	5/20/2024 10:00	05/21/2024
B20A 2-4ft	24E0649-06	Soil	5/20/2024 10:30	05/21/2024
B62 0-2ft	24E0649-07	Soil	5/20/2024 11:54	05/21/2024
B63 0-2ft	24E0649-08	Soil	5/20/2024 11:59	05/21/2024
B64 0-2ft	24E0649-09	Soil	5/20/2024 11:14	05/21/2024
B55 0-2ft	24E0649-10	Soil	5/20/2024 13:05	05/21/2024
B57 0-2ft	24E0649-11	Soil	5/20/2024 13:35	05/21/2024
B24A 2-4ft	24E0649-12	Soil	5/20/2024 13:25	05/21/2024
B43 0-2ft	24E0649-13	Soil	5/20/2024 14:55	05/21/2024

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte: Percent Solids [SM 2540 G]

Analyst: GEH

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0649-01	B40 0.3-1ft	89	1.0	%	1	BE42217	05/22/2024	05/22/2024 14:45	
24E0649-02	B41 0.3-1ft	85	1.0	%	1	BE42217	05/22/2024	05/22/2024 14:45	
24E0649-03	B59 0-2ft	87	1.0	%	1	BE42217	05/22/2024	05/22/2024 14:45	
24E0649-04	B60 0-2ft	82	1.0	%	1	BE42217	05/22/2024	05/22/2024 14:45	
24E0649-05	B61 0-2ft	83	1.0	%	1	BE42217	05/22/2024	05/22/2024 14:45	
24E0649-06	B20A 2-4ft	95	1.0	%	1	BE42217	05/22/2024	05/22/2024 14:45	
24E0649-07	B62 0-2ft	87	1.0	%	1	BE42217	05/22/2024	05/22/2024 14:45	
24E0649-08	B63 0-2ft	90	1.0	%	1	BE42217	05/22/2024	05/22/2024 14:45	
24E0649-09	B64 0-2ft	88	1.0	%	1	BE42217	05/22/2024	05/22/2024 14:45	
24E0649-10	B55 0-2ft	85	1.0	%	1	BE42217	05/22/2024	05/22/2024 14:45	
24E0649-11	B57 0-2ft	86	1.0	%	1	BE42217	05/22/2024	05/22/2024 14:45	
24E0649-12	B24A 2-4ft	89	1.0	%	1	BE42217	05/22/2024	05/22/2024 14:45	
24E0649-13	B43 0-2ft	88	1.0	%	1	BE42217	05/22/2024	05/22/2024 14:45	

Analyte: SPLP Lead [EPA 6020B]

Analyst: EAS

Prep: EPA 3005A-1312

Matrix: Extract

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0649-07	B62 0-2ft	ND	0.013	mg/L	1	BE42815	05/24/2024	05/28/2024 16:27	
24E0649-08	B63 0-2ft	ND	0.013	mg/L	1	BE42815	05/24/2024	05/28/2024 16:31	
24E0649-09	B64 0-2ft	ND	0.013	mg/L	1	BE42815	05/24/2024	05/28/2024 16:35	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B40 0.3-1ft

Lab ID: 24E0649-01

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	56	1	EPA 3550C	BE42235	05/22/2024	05/23/2024 21:11	
Surrogate: Octacosane	*87.6 %*	*50 - 150*			BE42235	05/22/2024	*05/23/2024 21:11*	

Client Sample ID B41 0.3-1ft

Lab ID: 24E0649-02

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	58	1	EPA 3550C	BE42235	05/22/2024	05/23/2024 21:33	
Surrogate: Octacosane	*90.1 %*	*50 - 150*			BE42235	05/22/2024	*05/23/2024 21:33*	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B59 0-2ft

Lab ID: 24E0649-03

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.57	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Alpha-BHC	ND	1.1	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Gamma-BHC	ND	0.57	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Heptachlor	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Aldrin	ND	1.1	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Beta-BHC	ND	1.1	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Delta-BHC	ND	1.1	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Heptachlor Epoxide	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Endosulfan I	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
4,4-DDE	**170**	0.57	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Dieldrin	ND	0.57	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Endrin	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
4,4-DDD	ND	0.57	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Endosulfan II	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
4,4-DDT	**200**	0.57	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Endrin Aldehyde	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
4,4-Methoxychlor	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Endosulfan Sulfate	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Endrin Ketone	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Chlordane	**480**	17	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Toxaphene	ND	57	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Alachlor	ND	29	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 11:30	
Surrogate: TCMX [1C]	*96.0 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 11:30*	
Surrogate: DCB [1C]	*103 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 11:30*	
Surrogate: TCMX [2C]	*104 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 11:30*	
Surrogate: DCB [2C]	*101 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 11:30*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
2-Methyl Naphthalene	ND	230	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Acenaphthylene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B59 0-2ft

Lab ID: 24E0649-03

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Acenaphthene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Fluorene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Phenanthrene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Anthracene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Fluoranthene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Pyrene	**110**	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Benzo[a]anthracene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Chrysene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Benzo[a]pyrene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:28	
Surrogate: Nitrobenzene-d5	*17.6 %*	*30 - 130*			BE42201	05/22/2024	*05/23/2024 23:28*	**L**
Surrogate: 2-Fluorobiphenyl	*35.7 %*	*30 - 130*			BE42201	05/22/2024	*05/23/2024 23:28*	
Surrogate: Terphenyl-d14	*65.2 %*	*30 - 130*			BE42201	05/22/2024	*05/23/2024 23:28*	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B60 0-2ft

Lab ID: 24E0649-04

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.61	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Alpha-BHC	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Gamma-BHC	ND	0.61	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Heptachlor	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Aldrin	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Beta-BHC	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Delta-BHC	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Heptachlor Epoxide	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Endosulfan I	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
4,4-DDE	**72**	0.61	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Dieldrin	ND	0.61	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Endrin	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
4,4-DDD	ND	0.61	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Endosulfan II	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
4,4-DDT	**64**	0.61	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Endrin Aldehyde	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
4,4-Methoxychlor	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Endosulfan Sulfate	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Endrin Ketone	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Chlordane	**130**	18	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Toxaphene	ND	61	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Alachlor	ND	30	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:05	
Surrogate: TCMX [1C]	*93.6 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:05*	
Surrogate: DCB [1C]	*102 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:05*	
Surrogate: TCMX [2C]	*96.7 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:05*	
Surrogate: DCB [2C]	*105 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:05*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
2-Methyl Naphthalene	ND	240	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Acenaphthylene	**130**	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B60 0-2ft

Lab ID: 24E0649-04

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Acenaphthene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Fluorene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Phenanthrene	**350**	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Anthracene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Fluoranthene	**780**	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Pyrene	**1200**	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Benzo[a]anthracene	**430**	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Chrysene	**510**	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Benzo[b]fluoranthene	**580**	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Benzo[k]fluoranthene	**180**	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Benzo[a]pyrene	**460**	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Indeno[1,2,3-cd]pyrene	**260**	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Dibenz[a,h]anthracene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Benzo[g,h,i]perylene	**370**	120	1	EPA 3545A	BE42201	05/22/2024	05/23/2024 23:53	
Surrogate: Nitrobenzene-d5	*26.3 %*	*30 - 130*			BE42201	05/22/2024	*05/23/2024 23:53*	**L**
Surrogate: 2-Fluorobiphenyl	*42.3 %*	*30 - 130*			BE42201	05/22/2024	*05/23/2024 23:53*	
Surrogate: Terphenyl-d14	*67.6 %*	*30 - 130*			BE42201	05/22/2024	*05/23/2024 23:53*	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B61 0-2ft

Lab ID: 24E0649-05

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.60	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Alpha-BHC	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Gamma-BHC	ND	0.60	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Heptachlor	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Aldrin	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Beta-BHC	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Delta-BHC	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Heptachlor Epoxide	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Endosulfan I	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
4,4-DDE	**30**	0.60	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Dieldrin	ND	0.60	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Endrin	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
4,4-DDD	**9.6**	0.60	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Endosulfan II	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
4,4-DDT	**20**	0.60	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Endrin Aldehyde	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
4,4-Methoxychlor	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Endosulfan Sulfate	**6.3**	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Endrin Ketone	ND	3.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Chlordane	**26**	18	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Toxaphene	ND	60	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Alachlor	ND	30	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:16	
Surrogate: TCMX [1C]	*56.7 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:16*	
Surrogate: DCB [1C]	*62.5 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:16*	
Surrogate: TCMX [2C]	*57.0 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:16*	
Surrogate: DCB [2C]	*64.2 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:16*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
2-Methyl Naphthalene	ND	240	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Acenaphthylene	**470**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B61 0-2ft

Lab ID: 24E0649-05

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Acenaphthene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Fluorene	**290**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Phenanthrene	**4200**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Anthracene	**620**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Fluoranthene	**4800**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Pyrene	**4500**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Benzo[a]anthracene	**1600**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Chrysene	**1700**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Benzo[b]fluoranthene	**1900**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Benzo[k]fluoranthene	**710**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Benzo[a]pyrene	**1600**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Indeno[1,2,3-cd]pyrene	**820**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Dibenz[a,h]anthracene	**210**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Benzo[g,h,i]perylene	**1100**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:19	
Surrogate: Nitrobenzene-d5	*43.8 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 00:19*	
Surrogate: 2-Fluorobiphenyl	*52.6 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 00:19*	
Surrogate: Terphenyl-d14	*72.5 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 00:19*	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B20A 2-4ft

Lab ID: 24E0649-06

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.52	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Alpha-BHC	ND	1.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Gamma-BHC	ND	0.52	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Heptachlor	ND	2.6	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Aldrin	ND	1.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Beta-BHC	ND	1.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Delta-BHC	ND	1.0	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Heptachlor Epoxide	ND	2.6	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Endosulfan I	ND	2.6	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
4,4-DDE	**1.2**	0.52	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Dieldrin	ND	0.52	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Endrin	ND	2.6	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
4,4-DDD	ND	0.52	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Endosulfan II	ND	2.6	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
4,4-DDT	**1.3**	0.52	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Endrin Aldehyde	ND	2.6	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
4,4-Methoxychlor	ND	2.6	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Endosulfan Sulfate	ND	2.6	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Endrin Ketone	ND	2.6	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Chlordane	ND	16	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Toxaphene	ND	52	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Alachlor	ND	26	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:27	
Surrogate: TCMX [1C]	*77.6 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:27*	
Surrogate: DCB [1C]	*93.8 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:27*	
Surrogate: TCMX [2C]	*78.5 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:27*	
Surrogate: DCB [2C]	*88.5 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:27*	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B62 0-2ft

Lab ID: 24E0649-07

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Heptachlor	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Aldrin	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Beta-BHC	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Delta-BHC	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Endosulfan I	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
4,4-DDE	ND	0.0010	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Dieldrin	**0.0020**	0.0020	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Endrin	ND	0.022	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
4,4-DDD	ND	0.0010	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Endosulfan II	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
4,4-DDT	ND	0.0010	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Chlordane	ND	0.20	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Toxaphene	ND	0.80	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Alachlor	ND	0.20	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:12	
Surrogate: TCMX [1C]	*58.0 %*	*30 - 150*			BE42818	05/28/2024	*05/29/2024 14:12*	
Surrogate: TCMX [2C]	*57.0 %*	*30 - 150*			BE42818	05/28/2024	*05/29/2024 14:12*	
Surrogate: DCB [1C]	*56.0 %*	*30 - 150*			BE42818	05/28/2024	*05/29/2024 14:12*	
Surrogate: DCB [2C]	*54.0 %*	*30 - 150*			BE42818	05/28/2024	*05/29/2024 14:12*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
2-Methyl Naphthalene	ND	230	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Acenaphthylene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Acenaphthene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B62 0-2ft

Lab ID: 24E0649-07

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Fluorene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Phenanthrene	**280**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Anthracene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Fluoranthene	**390**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Pyrene	**420**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Benzo[a]anthracene	**130**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Chrysene	**220**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Benzo[b]fluoranthene	**260**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Benzo[k]fluoranthene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Benzo[a]pyrene	**170**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Indeno[1,2,3-cd]pyrene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Dibenz[a,h]anthracene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Benzo[g,h,i]perylene	**130**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 00:45	
Surrogate: Nitrobenzene-d5	*30.3 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 00:45*	
Surrogate: 2-Fluorobiphenyl	*47.0 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 00:45*	
Surrogate: Terphenyl-d14	*75.3 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 00:45*	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B63 0-2ft

Lab ID: 24E0649-08

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Heptachlor	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Aldrin	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Beta-BHC	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Delta-BHC	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Endosulfan I	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
4,4-DDE	ND	0.0010	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Dieldrin	**0.0050**	0.0020	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Endrin	ND	0.022	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
4,4-DDD	ND	0.0010	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Endosulfan II	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
4,4-DDT	ND	0.0010	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Chlordane	ND	0.20	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Toxaphene	ND	0.80	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Alachlor	ND	0.20	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:23	
Surrogate: TCMX [1C]	*70.0 %*	*30 - 150*			BE42818	05/28/2024	*05/29/2024 14:23*	
Surrogate: TCMX [2C]	*69.0 %*	*30 - 150*			BE42818	05/28/2024	*05/29/2024 14:23*	
Surrogate: DCB [1C]	*56.0 %*	*30 - 150*			BE42818	05/28/2024	*05/29/2024 14:23*	
Surrogate: DCB [2C]	*54.0 %*	*30 - 150*			BE42818	05/28/2024	*05/29/2024 14:23*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
2-Methyl Naphthalene	ND	220	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Acenaphthylene	**340**	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Acenaphthene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B63 0-2ft

Lab ID: 24E0649-08

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Fluorene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Phenanthrene	**700**	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Anthracene	**190**	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Fluoranthene	**1400**	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Pyrene	**1600**	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Benzo[a]anthracene	**660**	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Chrysene	**920**	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Benzo[b]fluoranthene	**1000**	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Benzo[k]fluoranthene	**510**	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Benzo[a]pyrene	**800**	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Indeno[1,2,3-cd]pyrene	**500**	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Dibenz[a,h]anthracene	**130**	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Benzo[g,h,i]perylene	**600**	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 01:11	
Surrogate: Nitrobenzene-d5	*46.1 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 01:11*	
Surrogate: 2-Fluorobiphenyl	*60.5 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 01:11*	
Surrogate: Terphenyl-d14	*79.8 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 01:11*	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B64 0-2ft

Lab ID: 24E0649-09

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Heptachlor	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Aldrin	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Beta-BHC	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Delta-BHC	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Endosulfan I	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
4,4-DDE	ND	0.0010	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Dieldrin	**0.048**	0.0020	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Endrin	ND	0.022	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
4,4-DDD	ND	0.0010	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Endosulfan II	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
4,4-DDT	ND	0.0010	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Chlordane	ND	0.20	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Toxaphene	ND	0.80	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Alachlor	ND	0.20	1	EPA 3510C	BE42818	05/28/2024	05/29/2024 14:35	
Surrogate: TCMX [1C]	*64.0 %*	*30 - 150*			BE42818	05/28/2024	*05/29/2024 14:35*	
Surrogate: TCMX [2C]	*67.0 %*	*30 - 150*			BE42818	05/28/2024	*05/29/2024 14:35*	
Surrogate: DCB [1C]	*58.0 %*	*30 - 150*			BE42818	05/28/2024	*05/29/2024 14:35*	
Surrogate: DCB [2C]	*56.0 %*	*30 - 150*			BE42818	05/28/2024	*05/29/2024 14:35*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**170**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
2-Methyl Naphthalene	ND	220	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Acenaphthylene	**1000**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Acenaphthene	**220**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B64 0-2ft

Lab ID: 24E0649-09

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Fluorene	**530**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Phenanthrene	**5200**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Anthracene	**840**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Fluoranthene	**7100**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Pyrene	**7300**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Benzo[a]anthracene	**2800**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Chrysene	**3800**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Benzo[b]fluoranthene	**3800**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Benzo[k]fluoranthene	**1700**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Benzo[a]pyrene	**3100**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Indeno[1,2,3-cd]pyrene	**1800**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Dibenz[a,h]anthracene	**600**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Benzo[g,h,i]perylene	**2300**	110	1	EPA 3545A	BE42201	05/22/2024	05/29/2024 01:29	
Surrogate: Nitrobenzene-d5	*47.2 %*	*30 - 130*			BE42201	05/22/2024	*05/29/2024 01:29*	
Surrogate: 2-Fluorobiphenyl	*52.9 %*	*30 - 130*			BE42201	05/22/2024	*05/29/2024 01:29*	
Surrogate: Terphenyl-d14	*70.0 %*	*30 - 130*			BE42201	05/22/2024	*05/29/2024 01:29*	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B55 0-2ft

Lab ID: 24E0649-10

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.58	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Alpha-BHC	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Gamma-BHC	ND	0.58	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Heptachlor	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Aldrin	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Beta-BHC	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Delta-BHC	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Heptachlor Epoxide	**14**	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Endosulfan I	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
4,4-DDE	**170**	0.58	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Dieldrin	ND	0.58	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Endrin	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
4,4-DDD	ND	0.58	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Endosulfan II	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
4,4-DDT	**150**	0.58	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Endrin Aldehyde	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
4,4-Methoxychlor	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Endosulfan Sulfate	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Endrin Ketone	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Chlordane	**540**	17	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Toxaphene	ND	58	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Alachlor	ND	29	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:39	
Surrogate: TCMX [1C]	*95.9 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:39*	
Surrogate: DCB [1C]	*111 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:39*	
Surrogate: TCMX [2C]	*95.9 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:39*	
Surrogate: DCB [2C]	*112 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:39*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
2-Methyl Naphthalene	ND	230	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Acenaphthylene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B55 0-2ft

Lab ID: 24E0649-10

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Acenaphthene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Fluorene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Phenanthrene	**130**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Anthracene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Fluoranthene	**200**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Pyrene	**220**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Benzo[a]anthracene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Chrysene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Benzo[b]fluoranthene	**130**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Benzo[k]fluoranthene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Benzo[a]pyrene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Indeno[1,2,3-cd]pyrene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Dibenz[a,h]anthracene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Benzo[g,h,i]perylene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:02	
Surrogate: Nitrobenzene-d5	*43.0 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 02:02*	
Surrogate: 2-Fluorobiphenyl	*54.4 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 02:02*	
Surrogate: Terphenyl-d14	*72.5 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 02:02*	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B57 0-2ft

Lab ID: 24E0649-11

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.58	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Alpha-BHC	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Gamma-BHC	ND	0.58	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Heptachlor	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Aldrin	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Beta-BHC	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Delta-BHC	ND	1.2	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Heptachlor Epoxide	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Endosulfan I	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
4,4-DDE	**50**	0.58	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Dieldrin	ND	0.58	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Endrin	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
4,4-DDD	ND	0.58	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Endosulfan II	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
4,4-DDT	**48**	0.58	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Endrin Aldehyde	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
4,4-Methoxychlor	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Endosulfan Sulfate	**5.7**	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Endrin Ketone	ND	2.9	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Chlordane	**44**	17	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Toxaphene	ND	58	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Alachlor	ND	29	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 12:50	
Surrogate: TCMX [1C]	*106 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:50*	
Surrogate: DCB [1C]	*116 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:50*	
Surrogate: TCMX [2C]	*106 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:50*	
Surrogate: DCB [2C]	*115 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 12:50*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
2-Methyl Naphthalene	ND	230	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Acenaphthylene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B57 0-2ft

Lab ID: 24E0649-11

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Acenaphthene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Fluorene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Phenanthrene	**220**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Anthracene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Fluoranthene	**430**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Pyrene	**530**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Benzo[a]anthracene	**230**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Chrysene	**250**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Benzo[b]fluoranthene	**270**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Benzo[k]fluoranthene	**140**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Benzo[a]pyrene	**240**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Indeno[1,2,3-cd]pyrene	**140**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Dibenz[a,h]anthracene	ND	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Benzo[g,h,i]perylene	**180**	120	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:28	
Surrogate: Nitrobenzene-d5	*37.5 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 02:28*	
Surrogate: 2-Fluorobiphenyl	*52.7 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 02:28*	
Surrogate: Terphenyl-d14	*67.7 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 02:28*	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B24A 2-4ft

Lab ID: 24E0649-12

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.56	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Alpha-BHC	ND	1.1	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Gamma-BHC	ND	0.56	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Heptachlor	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Aldrin	ND	1.1	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Beta-BHC	ND	1.1	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Delta-BHC	ND	1.1	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Heptachlor Epoxide	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Endosulfan I	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
4,4-DDE	**24**	0.56	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Dieldrin	ND	0.56	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Endrin	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
4,4-DDD	ND	0.56	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Endosulfan II	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
4,4-DDT	**19**	0.56	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Endrin Aldehyde	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
4,4-Methoxychlor	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Endosulfan Sulfate	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Endrin Ketone	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Chlordane	**120**	17	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Toxaphene	ND	56	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Alachlor	ND	28	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:02	
Surrogate: TCMX [1C]	*94.6 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 13:02*	
Surrogate: DCB [1C]	*110 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 13:02*	
Surrogate: TCMX [2C]	*95.4 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 13:02*	
Surrogate: DCB [2C]	*108 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 13:02*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
2-Methyl Naphthalene	ND	220	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Acenaphthylene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B24A 2-4ft

Lab ID: 24E0649-12

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Acenaphthene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Fluorene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Phenanthrene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Anthracene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Fluoranthene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Pyrene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Benzo[a]anthracene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Chrysene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Benzo[a]pyrene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	BE42201	05/22/2024	05/24/2024 02:53	
Surrogate: Nitrobenzene-d5	*32.6 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 02:53*	
Surrogate: 2-Fluorobiphenyl	*40.3 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 02:53*	
Surrogate: Terphenyl-d14	*62.4 %*	*30 - 130*			BE42201	05/22/2024	*05/24/2024 02:53*	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B43 0-2ft

Lab ID: 24E0649-13

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.57	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Alpha-BHC	ND	1.1	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Gamma-BHC	ND	0.57	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Heptachlor	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Aldrin	ND	1.1	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Beta-BHC	ND	1.1	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Delta-BHC	ND	1.1	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Heptachlor Epoxide	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Endosulfan I	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
4,4-DDE	**45**	0.57	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Dieldrin	ND	0.57	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Endrin	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
4,4-DDD	ND	0.57	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Endosulfan II	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
4,4-DDT	**34**	0.57	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Endrin Aldehyde	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
4,4-Methoxychlor	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Endosulfan Sulfate	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Endrin Ketone	ND	2.8	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Chlordane	**49**	17	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Toxaphene	ND	57	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Alachlor	ND	28	1	EPA 3545A	BE42158	05/21/2024	05/29/2024 13:13	
Surrogate: TCMX [1C]	*91.1 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 13:13*	
Surrogate: DCB [1C]	*97.9 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 13:13*	
Surrogate: TCMX [2C]	*90.2 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 13:13*	
Surrogate: DCB [2C]	*91.6 %*	*30 - 150*			BE42158	05/21/2024	*05/29/2024 13:13*	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

QUALITY CONTROL SECTION

Batch BE42158 - EPA 8081B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42158-BLK1)					Prepared: 5/21/2024 Analyzed: 5/29/2024				
Hexachlorobenzene	ND	0.50							
Alpha-BHC	ND	1.0							
Gamma-BHC	ND	0.50							
Heptachlor	ND	2.5							
Aldrin	ND	1.0							
Beta-BHC	ND	1.0							
Delta-BHC	ND	1.0							
Heptachlor Epoxide	ND	2.5							
Endosulfan I	ND	2.5							
4,4-DDE	ND	0.50							
Dieldrin	ND	0.50							
Endrin	ND	2.5							
4,4-DDD	ND	0.50							
Endosulfan II	ND	2.5							
4,4-DDT	ND	0.50							
Endrin Aldehyde	ND	2.5							
4,4-Methoxychlor	ND	2.5							
Endosulfan Sulfate	ND	2.5							
Endrin Ketone	ND	2.5							
Chlordane	ND	15							
Toxaphene	ND	50							
Alachlor	ND	25							
Surrogate: TCMX [1C]					*80.1*	*30 - 150*			
Surrogate: DCB [1C]					*68.3*	*30 - 150*			
Surrogate: TCMX [2C]					*74.6*	*30 - 150*			
Surrogate: DCB [2C]					*65.7*	*30 - 150*			
LCS (BE42158-BS1)					Prepared: 5/21/2024 Analyzed: 5/29/2024				
Alpha-BHC	23.8	1.0	25.000		95.2	40 - 140			
Gamma-BHC	23.2	0.50	25.000		92.6	40 - 140			
Heptachlor	23.2	2.5	25.000		93.0	40 - 140			
Aldrin	22.3	1.0	25.000		89.3	40 - 140			
Beta-BHC	23.8	1.0	25.000		95.2	40 - 140			
Delta-BHC	21.8	1.0	25.000		87.3	40 - 140			
Heptachlor Epoxide	21.1	2.5	25.000		84.6	40 - 140			
Endosulfan I	21.0	2.5	25.000		83.9	40 - 140			
4,4-DDE	21.0	0.50	25.000		84.1	40 - 140			
Dieldrin	22.7	0.50	25.000		90.9	40 - 140			
Endrin	22.2	2.5	25.000		88.9	40 - 140			
4,4-DDD	20.5	0.50	25.000		82.0	40 - 140			
Endosulfan II	20.9	2.5	25.000		83.7	40 - 140			
4,4-DDT	22.8	0.50	25.000		91.0	40 - 140			
Endrin Aldehyde	20.7	2.5	25.000		82.9	40 - 140			
4,4-Methoxychlor	21.7	2.5	25.000		86.7	40 - 140			
Endosulfan Sulfate	21.6	2.5	25.000		86.3	40 - 140			
Endrin Ketone	20.7	2.5	25.000		82.7	40 - 140			
Alachlor	52.2	25	50.000		104	40 - 140			
Surrogate: TCMX [1C]					*91.1*	*30 - 150*			
Surrogate: DCB [1C]					*82.6*	*30 - 150*			

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE42158-BS1) - Continued					Prepared: 5/21/2024 Analyzed: 5/29/2024				
Surrogate: TCMX [2C]					*81.9*	*30 - 150*			
Surrogate: DCB [2C]					*72.3*	*30 - 150*			
LCS Dup (BE42158-BSD1)					Prepared: 5/21/2024 Analyzed: 5/29/2024				
Alpha-BHC	23.6	1.0	25.000		94.4	40 - 140	0.876	20	
Gamma-BHC	22.2	0.50	25.000		88.8	40 - 140	4.19	20	
Heptachlor	22.7	2.5	25.000		90.9	40 - 140	2.23	20	
Aldrin	22.5	1.0	25.000		89.9	40 - 140	0.627	20	
Beta-BHC	22.3	1.0	25.000		89.2	40 - 140	6.46	20	
Delta-BHC	21.3	1.0	25.000		85.3	40 - 140	2.28	20	
Heptachlor Epoxide	20.9	2.5	25.000		83.7	40 - 140	1.02	20	
Endosulfan I	20.9	2.5	25.000		83.6	40 - 140	0.353	20	
4,4-DDE	21.0	0.50	25.000		84.1	40 - 140	0.0285	20	
Dieldrin	22.9	0.50	25.000		91.6	40 - 140	0.710	20	
Endrin	21.8	2.5	25.000		87.2	40 - 140	1.90	20	
4,4-DDD	20.2	0.50	25.000		80.8	40 - 140	1.46	20	
Endosulfan II	20.1	2.5	25.000		80.5	40 - 140	3.92	20	
4,4-DDT	20.0	0.50	25.000		80.2	40 - 140	12.6	20	
Endrin Aldehyde	20.2	2.5	25.000		80.7	40 - 140	2.65	20	
4,4-Methoxychlor	20.9	2.5	25.000		83.6	40 - 140	3.58	20	
Endosulfan Sulfate	21.2	2.5	25.000		85.0	40 - 140	1.55	20	
Endrin Ketone	20.8	2.5	25.000		83.1	40 - 140	0.384	20	
Alachlor	51.8	25	50.000		104	40 - 140	0.790	20	
Surrogate: TCMX [1C]					*87.5*	*30 - 150*			
Surrogate: DCB [1C]					*70.0*	*30 - 150*			
Surrogate: TCMX [2C]					*82.4*	*30 - 150*			
Surrogate: DCB [2C]					*69.2*	*30 - 150*			

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE42201 - EPA 8270E

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42201-BLK1)					Prepared: 5/22/2024 Analyzed: 5/23/2024				
Naphthalene	ND	100							
2-Methyl Naphthalene	ND	200							
Acenaphthylene	ND	100							
Acenaphthene	ND	100							
Fluorene	ND	100							
Phenanthrene	ND	100							
Anthracene	ND	100							
Fluoranthene	ND	100							
Pyrene	ND	100							
Benzo[a]anthracene	ND	100							
Chrysene	ND	100							
Benzo[b]fluoranthene	ND	100							
Benzo[k]fluoranthene	ND	100							
Benzo[a]pyrene	ND	100							
Indeno[1,2,3-cd]pyrene	ND	100							
Dibenz[a,h]anthracene	ND	100							
Benzo[g,h,i]perylene	ND	100							
Surrogate: Nitrobenzene-d5					*37.9*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*51.4*	*30 - 130*			
Surrogate: Terphenyl-d14					*74.8*	*30 - 130*			
LCS (BE42201-BS1)					Prepared: 5/22/2024 Analyzed: 5/24/2024				
Naphthalene	2690	100	4,000.000		67.3	40 - 140			
2-Methyl Naphthalene	2790	200	4,000.000		69.7	40 - 140			
Acenaphthylene	2680	100	4,000.000		67.0	40 - 140			
Acenaphthene	2850	100	4,000.000		71.3	40 - 140			
Fluorene	2840	100	4,000.000		71.0	40 - 140			
Phenanthrene	3020	100	4,000.000		75.4	40 - 140			
Anthracene	3030	100	4,000.000		75.7	40 - 140			
Fluoranthene	3130	100	4,000.000		78.2	40 - 140			
Pyrene	3110	100	4,000.000		77.7	40 - 140			
Benzo[a]anthracene	3060	100	4,000.000		76.5	40 - 140			
Chrysene	3150	100	4,000.000		78.8	40 - 140			
Benzo[b]fluoranthene	3160	100	4,000.000		79.0	40 - 140			
Benzo[k]fluoranthene	3390	100	4,000.000		84.6	40 - 140			
Benzo[a]pyrene	3190	100	4,000.000		79.6	40 - 140			
Indeno[1,2,3-cd]pyrene	3230	100	4,000.000		80.7	40 - 140			
Dibenz[a,h]anthracene	3270	100	4,000.000		81.6	40 - 140			
Benzo[g,h,i]perylene	3500	100	4,000.000		87.4	40 - 140			
Surrogate: Nitrobenzene-d5					*62.8*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*72.9*	*30 - 130*			
Surrogate: Terphenyl-d14					*83.9*	*30 - 130*			
LCS Dup (BE42201-BSD1)					Prepared: 5/22/2024 Analyzed: 5/23/2024				
Naphthalene	2630	100	4,000.000		65.7	40 - 140	2.47	30	
2-Methyl Naphthalene	2670	200	4,000.000		66.7	40 - 140	4.45	30	
Acenaphthylene	2670	100	4,000.000		66.7	40 - 140	0.514	30	
Acenaphthene	2860	100	4,000.000		71.5	40 - 140	0.188	30	
Fluorene	2820	100	4,000.000		70.6	40 - 140	0.634	30	
Phenanthrene	3060	100	4,000.000		76.6	40 - 140	1.58	30	
Anthracene	3000	100	4,000.000		75.1	40 - 140	0.754	30	
Fluoranthene	3080	100	4,000.000		76.9	40 - 140	1.66	30	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BE42201-BSD1) - Continued					Prepared: 5/22/2024 Analyzed: 5/23/2024				
Pyrene	3140	100	4,000.000		78.4	40 - 140	0.969	30	
Benzo[a]anthracene	3100	100	4,000.000		77.6	40 - 140	1.37	30	
Chrysene	3120	100	4,000.000		77.9	40 - 140	1.09	30	
Benzo[b]fluoranthene	2960	100	4,000.000		74.0	40 - 140	6.49	30	
Benzo[k]fluoranthene	3490	100	4,000.000		87.4	40 - 140	3.17	30	
Benzo[a]pyrene	3210	100	4,000.000		80.3	40 - 140	0.888	30	
Indeno[1,2,3-cd]pyrene	3110	100	4,000.000		77.6	40 - 140	3.91	30	
Dibenz[a,h]anthracene	3130	100	4,000.000		78.3	40 - 140	4.13	30	
Benzo[g,h,i]perylene	3410	100	4,000.000		85.2	40 - 140	2.50	30	
Surrogate: Nitrobenzene-d5					*58.5*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*71.0*	*30 - 130*			
Surrogate: Terphenyl-d14					*82.8*	*30 - 130*			
Matrix Spike (BE42201-MS1)		**Source: 24E0649-12**			Prepared: 5/22/2024 Analyzed: 5/24/2024				
Naphthalene	2020	110	4,452.951	ND	45.4	40 - 140			
2-Methyl Naphthalene	2270	220	4,452.951	ND	50.9	40 - 140			
Acenaphthylene	2430	110	4,452.951	ND	54.7	40 - 140			
Acenaphthene	2570	110	4,452.951	ND	57.7	40 - 140			
Fluorene	2670	110	4,452.951	ND	60.1	40 - 140			
Phenanthrene	3040	110	4,452.951	ND	68.3	40 - 140			
Anthracene	2910	110	4,452.951	ND	65.4	40 - 140			
Fluoranthene	3340	110	4,452.951	66.3	73.6	40 - 140			
Pyrene	3470	110	4,452.951	66.0	76.4	40 - 140			
Benzo[a]anthracene	3290	110	4,452.951	ND	73.8	40 - 140			
Chrysene	3330	110	4,452.951	ND	74.9	40 - 140			
Benzo[b]fluoranthene	3210	110	4,452.951	ND	72.2	40 - 140			
Benzo[k]fluoranthene	3720	110	4,452.951	ND	83.6	40 - 140			
Benzo[a]pyrene	3320	110	4,452.951	ND	74.5	40 - 140			
Indeno[1,2,3-cd]pyrene	3130	110	4,452.951	ND	70.4	40 - 140			
Dibenz[a,h]anthracene	3220	110	4,452.951	ND	72.4	40 - 140			
Benzo[g,h,i]perylene	3390	110	4,452.951	ND	76.1	40 - 140			
Surrogate: Nitrobenzene-d5					*43.2*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*56.6*	*30 - 130*			
Surrogate: Terphenyl-d14					*80.1*	*30 - 130*			
Matrix Spike Dup (BE42201-MSD1)		**Source: 24E0649-12**			Prepared: 5/22/2024 Analyzed: 5/24/2024				
Naphthalene	2120	110	4,483.874	ND	47.3	40 - 140	4.82	30	
2-Methyl Naphthalene	2380	220	4,483.874	ND	53.1	40 - 140	4.93	30	
Acenaphthylene	2500	110	4,483.874	ND	55.8	40 - 140	2.79	30	
Acenaphthene	2710	110	4,483.874	ND	60.3	40 - 140	5.14	30	
Fluorene	2870	110	4,483.874	ND	64.0	40 - 140	6.97	30	
Phenanthrene	3240	110	4,483.874	ND	72.4	40 - 140	6.52	30	
Anthracene	3190	110	4,483.874	ND	71.2	40 - 140	9.24	30	
Fluoranthene	3570	110	4,483.874	66.3	78.1	40 - 140	6.60	30	
Pyrene	3520	110	4,483.874	66.0	77.0	40 - 140	1.46	30	
Benzo[a]anthracene	3470	110	4,483.874	ND	77.4	40 - 140	5.38	30	
Chrysene	3480	110	4,483.874	ND	77.6	40 - 140	4.28	30	
Benzo[b]fluoranthene	3620	110	4,483.874	ND	80.7	40 - 140	11.8	30	
Benzo[k]fluoranthene	3630	110	4,483.874	ND	81.0	40 - 140	2.42	30	
Benzo[a]pyrene	3470	110	4,483.874	ND	77.5	40 - 140	4.61	30	
Indeno[1,2,3-cd]pyrene	3330	110	4,483.874	ND	74.3	40 - 140	6.11	30	
Dibenz[a,h]anthracene	3410	110	4,483.874	ND	76.0	40 - 140	5.56	30	
Benzo[g,h,i]perylene	3600	110	4,483.874	ND	80.3	40 - 140	6.03	30	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Matrix Spike Dup (BE42201-MSD1) - Continued		**Source: 24E0649-12**			Prepared: 5/22/2024 Analyzed: 5/24/2024				
Surrogate: Nitrobenzene-d5					*46.7*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*58.3*	*30 - 130*			
Surrogate: Terphenyl-d14					*83.7*	*30 - 130*			

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE42235 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42235-BLK1)					Prepared: 5/22/2024 Analyzed: 5/23/2024				
ETPH	ND	50							
Surrogate: Octacosane					*104*	*50 - 150*			
LCS (BE42235-BS1)					Prepared: 5/22/2024 Analyzed: 5/23/2024				
ETPH	1520	50	1,500.000		101	60 - 120			
Surrogate: Octacosane					*113*	*50 - 150*			
LCS Dup (BE42235-BSD1)					Prepared: 5/22/2024 Analyzed: 5/23/2024				
ETPH	1390	50	1,500.000		93.0	60 - 120	8.39	30	
Surrogate: Octacosane					*117*	*50 - 150*			

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE42815 - EPA 6020B

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42815-BLK1)					Prepared: 5/24/2024 Analyzed: 5/28/2024				
Lead	ND	0.013							
LCS (BE42815-BS1)					Prepared: 5/24/2024 Analyzed: 5/28/2024				
Lead	0.193	0.013	0.200		96.6	80 - 120			
LCS Dup (BE42815-BSD1)					Prepared: 5/24/2024 Analyzed: 5/28/2024				
Lead	0.193	0.013	0.200		96.4	80 - 120	0.200	20	

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE42818 - EPA 8081B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42818-BLK1)					Prepared: 5/28/2024 Analyzed: 5/29/2024				
Alpha-BHC	ND	0.0050							
Gamma-BHC	ND	0.0050							
Heptachlor	ND	0.0050							
Aldrin	ND	0.0050							
Beta-BHC	ND	0.0050							
Delta-BHC	ND	0.0050							
Heptachlor Epoxide	ND	0.0050							
Endosulfan I	ND	0.0050							
4,4-DDE	ND	0.0010							
Dieldrin	ND	0.0020							
Endrin	ND	0.022							
4,4-DDD	ND	0.0010							
Endosulfan II	ND	0.0050							
4,4-DDT	ND	0.0010							
Endrin Aldehyde	ND	0.0050							
4,4-Methoxychlor	ND	0.0050							
Endosulfan Sulfate	ND	0.0050							
Endrin Ketone	ND	0.0050							
Chlordane	ND	0.20							
Toxaphene	ND	0.80							
Alachlor	ND	0.20							
Surrogate: TCMX [1C]					*52.0*	*30 - 150*			
Surrogate: TCMX [2C]					*51.0*	*30 - 150*			
Surrogate: DCB [1C]					*53.0*	*30 - 150*			
Surrogate: DCB [2C]					*56.0*	*30 - 150*			
LCS (BE42818-BS1)					Prepared: 5/28/2024 Analyzed: 5/29/2024				
Alpha-BHC	0.0310	0.0050	0.050		62.0	50 - 150			
Gamma-BHC	0.0330	0.0050	0.050		66.0	50 - 150			
Heptachlor	0.0300	0.0050	0.050		60.0	50 - 150			
Aldrin	0.0270	0.0050	0.050		54.0	50 - 150			
Beta-BHC	0.0320	0.0050	0.050		64.0	50 - 150			
Delta-BHC	0.0320	0.0050	0.050		64.0	50 - 150			
Heptachlor Epoxide	0.0280	0.0050	0.050		56.0	50 - 150			
Endosulfan I	0.0290	0.0050	0.050		58.0	50 - 150			
4,4-DDE	0.0260	0.0010	0.050		52.0	50 - 150			
Dieldrin	0.0330	0.0020	0.050		66.0	50 - 150			
Endrin	0.0340	0.022	0.050		68.0	50 - 150			
4,4-DDD	0.0300	0.0010	0.050		60.0	50 - 150			
Endosulfan II	0.0290	0.0050	0.050		58.0	50 - 150			
4,4-DDT	0.0300	0.0010	0.050		60.0	50 - 150			
Endrin Aldehyde	0.0350	0.0050	0.050		70.0	50 - 150			
4,4-Methoxychlor	0.0330	0.0050	0.050		66.0	50 - 150			
Endosulfan Sulfate	0.0310	0.0050	0.050		62.0	50 - 150			
Endrin Ketone	0.0340	0.0050	0.050		68.0	50 - 150			
Alachlor	0.0720	0.20	0.100		72.0	50 - 150			
Surrogate: TCMX [1C]					*54.0*	*30 - 150*			
Surrogate: TCMX [2C]					*53.0*	*30 - 150*			
Surrogate: DCB [1C]					*45.0*	*30 - 150*			
Surrogate: DCB [2C]					*59.0*	*30 - 150*			
LCS Dup (BE42818-BSD1)					Prepared: 5/28/2024 Analyzed: 5/29/2024				

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BE42818-BSD1) - Continued					Prepared: 5/28/2024 Analyzed: 5/29/2024				
Alpha-BHC	0.0280	0.0050	0.050		56.0	50 - 150	10.2	20	
Gamma-BHC	0.0290	0.0050	0.050		58.0	50 - 150	12.9	20	
Heptachlor	0.0270	0.0050	0.050		54.0	50 - 150	10.5	20	
Aldrin	0.0280	0.0050	0.050		56.0	50 - 150	3.64	20	
Beta-BHC	0.0290	0.0050	0.050		58.0	50 - 150	9.84	20	
Delta-BHC	0.0290	0.0050	0.050		58.0	50 - 150	9.84	20	
Heptachlor Epoxide	0.0270	0.0050	0.050		54.0	50 - 150	3.64	20	
Endosulfan I	0.0290	0.0050	0.050		58.0	50 - 150	0.00	20	
4,4-DDE	0.0250	0.0010	0.050		50.0	50 - 150	3.92	20	
Dieldrin	0.0300	0.0020	0.050		60.0	50 - 150	9.52	20	
Endrin	0.0310	0.022	0.050		62.0	50 - 150	9.23	20	
4,4-DDD	0.0270	0.0010	0.050		54.0	50 - 150	10.5	20	
Endosulfan II	0.0260	0.0050	0.050		52.0	50 - 150	10.9	20	
4,4-DDT	0.0270	0.0010	0.050		54.0	50 - 150	10.5	20	
Endrin Aldehyde	0.0290	0.0050	0.050		58.0	50 - 150	18.8	20	
4,4-Methoxychlor	0.0340	0.0050	0.050		68.0	50 - 150	2.99	20	
Endosulfan Sulfate	0.0300	0.0050	0.050		60.0	50 - 150	3.28	20	
Endrin Ketone	0.0320	0.0050	0.050		64.0	50 - 150	6.06	20	
Alachlor	0.0670	0.20	0.100		67.0	50 - 150	7.19	20	
Surrogate: TCMX [1C]					*51.0*	*30 - 150*			
Surrogate: TCMX [2C]					*50.0*	*30 - 150*			
Surrogate: DCB [1C]					*53.0*	*30 - 150*			
Surrogate: DCB [2C]					*54.0*	*30 - 150*			

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

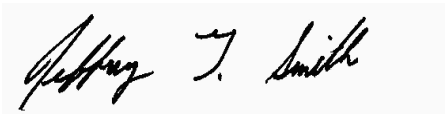
All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Jeffrey Smith



Project Manager

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Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24E0649
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-8B

Sample Date(s): 05/20/2024

Laboratory Sample ID(s): 24E0649-01 thru 24E0649-13

List RCP Methods Used:

CT-ETPH, EPA 1312, EPA 6020B, EPA 8081B, EPA 8270E

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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☑ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 05/29/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

RCP Case Narrative

6- Client requested a subset of the RCP 8270 and Metals lists.

4- See Exceptions Report Below

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
Nitrobenzene-d5	SURR	Low			17.6	24E0649-03
Nitrobenzene-d5	SURR	Low			26.3	24E0649-04

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BE42235	S4E2409	24E0649-01	B40 0.3-1ft	CT-ETPH	Soil	05/20/2024
BE42235	S4E2409	24E0649-02	B41 0.3-1ft	CT-ETPH	Soil	05/20/2024
BE42438		24E0649-07	B62 0-2ft	EPA 1312	Soil	05/20/2024
BE42438		24E0649-08	B63 0-2ft	EPA 1312	Soil	05/20/2024
BE42438		24E0649-09	B64 0-2ft	EPA 1312	Soil	05/20/2024
BE42815	S4E2809	24E0649-07	B62 0-2ft	EPA 6020B	Soil	05/20/2024
BE42815	S4E2809	24E0649-08	B63 0-2ft	EPA 6020B	Soil	05/20/2024
BE42815	S4E2809	24E0649-09	B64 0-2ft	EPA 6020B	Soil	05/20/2024
BE42158	S4E2916	24E0649-03	B59 0-2ft	EPA 8081B	Soil	05/20/2024
BE42158	S4E2916	24E0649-04	B60 0-2ft	EPA 8081B	Soil	05/20/2024
BE42158	S4E2916	24E0649-05	B61 0-2ft	EPA 8081B	Soil	05/20/2024
BE42158	S4E2916	24E0649-06	B20A 2-4ft	EPA 8081B	Soil	05/20/2024
BE42158	S4E2916	24E0649-10	B55 0-2ft	EPA 8081B	Soil	05/20/2024
BE42158	S4E2916	24E0649-11	B57 0-2ft	EPA 8081B	Soil	05/20/2024
BE42158	S4E2916	24E0649-12	B24A 2-4ft	EPA 8081B	Soil	05/20/2024
BE42158	S4E2916	24E0649-13	B43 0-2ft	EPA 8081B	Soil	05/20/2024
BE42818	S4E2916	24E0649-07	B62 0-2ft	EPA 8081B	Soil	05/20/2024
BE42818	S4E2916	24E0649-08	B63 0-2ft	EPA 8081B	Soil	05/20/2024
BE42818	S4E2916	24E0649-09	B64 0-2ft	EPA 8081B	Soil	05/20/2024
BE42201	S4E2413	24E0649-03	B59 0-2ft	EPA 8270E	Soil	05/20/2024
BE42201	S4E2413	24E0649-04	B60 0-2ft	EPA 8270E	Soil	05/20/2024
BE42201	S4E2413	24E0649-05	B61 0-2ft	EPA 8270E	Soil	05/20/2024
BE42201	S4E2413	24E0649-07	B62 0-2ft	EPA 8270E	Soil	05/20/2024
BE42201	S4E2413	24E0649-08	B63 0-2ft	EPA 8270E	Soil	05/20/2024
BE42201	S4E2911	24E0649-09	B64 0-2ft	EPA 8270E	Soil	05/20/2024
BE42201	S4E2413	24E0649-10	B55 0-2ft	EPA 8270E	Soil	05/20/2024
BE42201	S4E2413	24E0649-11	B57 0-2ft	EPA 8270E	Soil	05/20/2024
BE42201	S4E2413	24E0649-12	B24A 2-4ft	EPA 8270E	Soil	05/20/2024

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	CT
EPA 6020B in Water	
Lead	CT
EPA 8081B in Soil	
Alpha-BHC	CT,NY,PA
Gamma-BHC	CT,NY,PA
Heptachlor	CT,NY,PA
Aldrin	CT,NY,PA
Beta-BHC	CT,NY,PA
Delta-BHC	CT,NY,PA
Heptachlor Epoxide	CT,NY,PA
Endosulfan I	CT,NY,PA
4,4-DDE	CT,NY,PA
Dieldrin	CT,NY,PA
Endrin	CT,NY,PA
4,4-DDD	CT,NY,PA
Endosulfan II	CT,NY,PA
4,4-DDT	CT,NY,PA
Endrin Aldehyde	CT,NY,PA
4,4-Methoxychlor	CT,NY,PA
Endosulfan Sulfate	CT,NY,PA
Endrin Ketone	CT,NY,PA
Chlordane	CT,NY,PA
Toxaphene	CT,NY,PA
Alachlor	CT
EPA 8081B in Water	
Alpha-BHC	CT
Gamma-BHC	CT
Heptachlor	CT
Aldrin	CT
Beta-BHC	CT
Delta-BHC	CT
Heptachlor Epoxide	CT
Endosulfan I	CT
4,4-DDE	CT
Dieldrin	CT
Endrin	CT
4,4-DDD	CT
Endosulfan II	CT
4,4-DDT	CT
Endrin Aldehyde	CT
4,4-Methoxychlor	CT
Endosulfan Sulfate	CT
Endrin Ketone	CT
Chlordane	CT
Toxaphene	CT
Alachlor	CT
EPA 8270E in Soil	

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270E in Soil	
Naphthalene	CT,NY,PA
2-Methyl Naphthalene	CT,NY,PA
Acenaphthylene	CT,NY,PA
Acenaphthene	CT,NY,PA
Fluorene	CT,NY,PA
Phenanthrene	CT,NY,PA
Anthracene	CT,NY,PA
Fluoranthene	CT,NY,PA
Pyrene	CT,NY,PA
Benzo[a]anthracene	CT,NY,PA
Chrysene	CT,NY,PA
Benzo[b]fluoranthene	CT,NY,PA
Benzo[k]fluoranthene	CT,NY,PA
Benzo[a]pyrene	CT,NY,PA
Indeno[1,2,3-cd]pyrene	CT,NY,PA
Dibenz[a,h]anthracene	CT,NY,PA
Benzo[g,h,i]perylene	CT,NY,PA
SM 2540 G in Soil	
Percent Solids	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
NY	New York Certification (NELAC)	11982	04/01/2024
PA	Pennsylvania DEP	68-02927	05/31/2024

24E0649

CHAIN OF CUSTODY

COMPLETE ENVIRONMENTAL TESTING, INC.

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Standard ***

Metals: 8 RCRA, 13 Priority Poll., 15 CT DEEP, Total, SPLP Pesticides, TCLP, Dissolved, Field Filter ☐, Lab Filter ☐

Additional Analysis: SPLP Lead

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Standard ***	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	SPLP Lead	TOTAL # OF CONT.	NOTE #
B40 0.3-1 ft	5/20/24-0900	S	* See notes *								X							1	1
B41 0.3-1 ft	5/20/24-0830	S									X							1	1
B59 0-2 ft	5/20/24-1030	S											X		X			1	1
B60 0-2 ft	5/20/24-1015	S											X		X			1	1
B61 0-2 ft	5/20/24-1000	S											X		X			1	1
B20A 2-4 ft	5/17/24-1030	S													X			1	1
B62 0-2 ft	5/20/24-1154	S											X				X	1	1
B63 0-2 ft	5/20/24-1159	S											X				X	1	1
B64 0-2 ft	5/20/24-1114	S											X				X	1	1
B55 0-2 ft	5/20/24-1305	S											X		X			1	1
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)											C		C		C		C	10	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)											6		6		6		6		
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)																		Running Total	10

RELINQUISHED BY: DATE/TIME: 5/21/24 0835 RECEIVED BY:
RELINQUISHED BY: DATE/TIME: 5/21/24 14:55 RECEIVED BY: 5/21/24 14:55
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES:
Need Results within 5 business days. Additional samples are being held that may be sent for additional analysis by 5/29/24
1) Please hold all samples for potential additional analysis
*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuri Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: danpinho@zuri.com, ryan.onorski@zuri.com
E-mail:
Phone #:
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hill Soil Sampling PO #:
Location: 1985 Blue Hills Ave East. Windsor, CT Project #: 23246-8B
CET Quote #: 011823-B Collector(s): RO/GR
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format REG-COMP Other
Reporting Limits: GA, RDEC Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 3 °C Evidence of Cooling: (Y) N

PAGE 1 OF 2

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 176
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24E0649

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day *	Next Day *	Two Day *	Three Day *	Standard ***	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	Metals: 8 RCRA	13 Priority Poll.	15 CT DEEP	Total	SPLP	TCLP	Dissolved	Lab Filter ☐ / Field Filter ☐	Additional Analysis	TOTAL # OF CONT.	NOTE #
B57 0-2ft	5/20/24-1335	S	A	See notes			A						X		X											1	1
B24A ~~0-2ft~~ 2-4ft	5/20/24-1325	S			↓								X		X											1	1
B43 0-2ft	5/20/24-1455	S													X											1	1
													C		C											3	
													6		6												

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)

Running Total = 15

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	5/21/24 0805	
	5/21/24 14:55	5/21/24 14:55

NOTES:
Need result within 5 ~~5~~ business days by 5/29/24. Additional samples are being held that may be sent for additional analysis ~~by 5/29/24~~
1) Please hold all samples for potential additional analysis
*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvi Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: dangpinho@zuvi.com E-mail: ryan.onorato@zuvi.com
Phone #:
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills Soil Sampling PO #:
Location: 1695 Blue Hill Ave Ext. Windsor, CT Project #: 23246-8B
CET Quote #: 011823-B Collector(s): RO/GR
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format REG COMP Other
Reporting Limits: GA, RDEC Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 3 °C Evidence of Cooling: ice N
PAGE 2 OF 2

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
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80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dan Pinho
Zuvic, Inc.
40 Cold Spring Road
Rocky Hill, CT 06067

Analytical Report

CET# 24E0689

Report Date:May 30, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

SAMPLE SUMMARY

The sample(s) were received at 5.0ºC.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B58 0.5-2ft	24E0689-01	Soil	5/20/2024 9:18	05/22/2024
B58 10-12ft	24E0689-02	Soil	5/21/2024 8:24	05/22/2024
B63 2-4ft	24E0689-03	Soil	5/20/2024 11:57	05/22/2024
B27A 2-4ft	24E0689-04	Soil	5/21/2024 10:34	05/22/2024
B27A 6-7.5ft	24E0689-05	Soil	5/21/2024 10:36	05/22/2024
B48 2-4ft	24E0689-06	Soil	5/21/2024 10:14	05/22/2024
B48 4-5ft	24E0689-07	Soil	5/21/2024 10:15	05/22/2024
B52 4-6ft	24E0689-08	Soil	5/21/2024 10:00	05/22/2024
B53 0-2ft	24E0689-09	Soil	5/21/2024 9:35	05/22/2024
B53 6-8ft	24E0689-10	Soil	5/21/2024 9:37	05/22/2024
B54 6-8ft	24E0689-11	Soil	5/21/2024 9:25	05/22/2024
B56 2-4ft	24E0689-12	Soil	5/21/2024 9:02	05/22/2024
B44 2-4ft	24E0689-13	Soil	5/21/2024 11:58	05/22/2024
B44 16-18ft	24E0689-14	Soil	5/21/2024 12:04	05/22/2024
B45 0-2ft	24E0689-15	Soil	5/21/2024 11:39	05/22/2024
B45 4-6ft	24E0689-16	Soil	5/21/2024 11:41	05/22/2024
B46 2-4ft	24E0689-17	Soil	5/21/2024 11:22	05/22/2024
B47 2-4ft	24E0689-18	Soil	5/21/2024 10:52	05/22/2024
B47 8-9.5ft	24E0689-19	Soil	5/21/2024 10:56	05/22/2024
B42 0-2ft	24E0689-20	Soil	5/21/2024 13:25	05/22/2024
B42 12-14ft	24E0689-21	Soil	5/21/2024 13:32	05/22/2024
B49 4-6ft	24E0689-22	Soil	5/21/2024 14:32	05/22/2024
B49 6-8ft	24E0689-23	Soil	5/21/2024 14:33	05/22/2024
B50 0-2ft	24E0689-24	Soil	5/21/2024 13:41	05/22/2024
B50 6-8ft	24E0689-25	Soil	5/21/2024 13:43	05/22/2024
B51 6-7.5ft	24E0689-26	Soil	5/21/2024 14:04	05/22/2024

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte: Percent Solids [SM 2540 G]

Analyst: MFJ

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0689-01	B58 0.5-2ft	95	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-02	B58 10-12ft	91	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-03	B63 2-4ft	95	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-04	B27A 2-4ft	84	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-05	B27A 6-7.5ft	88	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-06	B48 2-4ft	88	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-07	B48 4-5ft	87	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-08	B52 4-6ft	88	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-09	B53 0-2ft	84	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-10	B53 6-8ft	88	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-11	B54 6-8ft	95	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-12	B56 2-4ft	88	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-13	B44 2-4ft	72	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-14	B44 16-18ft	92	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-15	B45 0-2ft	85	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-16	B45 4-6ft	88	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-17	B46 2-4ft	90	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-18	B47 2-4ft	85	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-19	B47 8-9.5ft	87	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-20	B42 0-2ft	86	1.0	%	1	BE42426	05/24/2024	05/28/2024 00:00	
24E0689-21	B42 12-14ft	90	1.0	%	1	BE42454	05/24/2024	05/28/2024 08:40	
24E0689-22	B49 4-6ft	94	1.0	%	1	BE42454	05/24/2024	05/28/2024 08:40	
24E0689-23	B49 6-8ft	96	1.0	%	1	BE42454	05/24/2024	05/28/2024 08:40	
24E0689-24	B50 0-2ft	84	1.0	%	1	BE42454	05/24/2024	05/28/2024 08:40	
24E0689-25	B50 6-8ft	94	1.0	%	1	BE42454	05/24/2024	05/28/2024 08:40	
24E0689-26	B51 6-7.5ft	96	1.0	%	1	BE42454	05/24/2024	05/28/2024 08:40	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte: Mercury [EPA 7471B] **Analyst: GEH**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0689-07	B48 4-5ft	ND	0.13	mg/kg dry	1	BE42312	05/23/2024	05/23/2024 14:44	
24E0689-19	B47 8-9.5ft	ND	0.13	mg/kg dry	1	BE42312	05/23/2024	05/23/2024 14:47	

Analyte: Total Lead [EPA 6010D] **Analyst: SS**

Prep: EPA 3051A **Matrix: Soil**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0689-22	B49 4-6ft	42	2.0	mg/kg dry	1	BE42413	05/24/2024	05/28/2024 15:43	
24E0689-23	B49 6-8ft	3.3	2.0	mg/kg dry	1	BE42413	05/24/2024	05/28/2024 15:48	
24E0689-25	B50 6-8ft	2.8	2.0	mg/kg dry	1	BE42413	05/24/2024	05/28/2024 16:13	
24E0689-26	B51 6-7.5ft	3.4	1.9	mg/kg dry	1	BE42413	05/24/2024	05/28/2024 16:18	

Analyte: Total Arsenic [EPA 6010D] **Analyst: SS**

Prep: EPA 3051A **Matrix: Soil**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0689-22	B49 4-6ft	1.3	1.0	mg/kg dry	1	BE42413	05/24/2024	05/28/2024 15:43	
24E0689-23	B49 6-8ft	ND	1.0	mg/kg dry	1	BE42413	05/24/2024	05/28/2024 15:48	
24E0689-25	B50 6-8ft	1.1	1.0	mg/kg dry	1	BE42413	05/24/2024	05/28/2024 16:13	
24E0689-26	B51 6-7.5ft	4.3	0.97	mg/kg dry	1	BE42413	05/24/2024	05/28/2024 16:18	

Analyte: SPLP Arsenic [EPA 6020B] **Analyst: EAS**

Prep: EPA 3005A-1312 **Matrix: Extract**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0689-22	B49 4-6ft	ND	0.0090	mg/L	1	BE42815	05/24/2024	05/28/2024 17:05	
24E0689-23	B49 6-8ft	ND	0.0090	mg/L	1	BE42815	05/24/2024	05/28/2024 17:08	
24E0689-25	B50 6-8ft	ND	0.0090	mg/L	1	BE42815	05/24/2024	05/28/2024 17:12	
24E0689-26	B51 6-7.5ft	ND	0.0090	mg/L	1	BE42815	05/24/2024	05/28/2024 17:16	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte: SPLP Lead [EPA 6020B] **Analyst: EAS**

Prep: EPA 3005A-1312 **Matrix: Extract**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0689-22	B49 4-6ft	ND	0.013	mg/L	1	BE42815	05/24/2024	05/28/2024 17:05	
24E0689-23	B49 6-8ft	ND	0.013	mg/L	1	BE42815	05/24/2024	05/28/2024 17:08	
24E0689-25	B50 6-8ft	ND	0.013	mg/L	1	BE42815	05/24/2024	05/28/2024 17:12	
24E0689-26	B51 6-7.5ft	ND	0.013	mg/L	1	BE42815	05/24/2024	05/28/2024 17:16	

Client Sample ID B58 0.5-2ft

Lab ID: 24E0689-01

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	52	1	EPA 3550C	BE42439	05/24/2024	05/25/2024 00:58	
Surrogate: Octacosane	*105 %*	*50 - 150*			BE42439	05/24/2024	*05/25/2024 00:58*	

Client Sample ID B58 10-12ft

Lab ID: 24E0689-02

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	55	1	EPA 3550C	BE42439	05/24/2024	05/25/2024 01:20	
Surrogate: Octacosane	*127 %*	*50 - 150*			BE42439	05/24/2024	*05/25/2024 01:20*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B63 2-4ft

Lab ID: 24E0689-03

Volatile Organics **Analyst: MH**

Method: EPA 8260D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	11	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Chloromethane	ND	7.1	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	*C2*I
Vinyl Chloride	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Bromomethane	ND	7.1	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	*C2*I
Chloroethane	ND	7.1	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Trichlorofluoromethane	ND	29	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Acetone	ND	110	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Acrylonitrile	ND	5.7	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Trichlorotrifluoroethane	ND	29	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	*F2*C2
1,1-Dichloroethene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	*F2
t-Butanol	ND	29	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Methylene Chloride	ND	43	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	*C1
Carbon Disulfide	ND	7.1	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	*C2
Methyl-t-Butyl Ether (MTBE)	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
trans-1,2-Dichloroethene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Di-isopropyl ether	ND	7.1	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,1-Dichloroethane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
t-Butyl ethyl ether	ND	7.1	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
2-Butanone (MEK)	ND	18	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
2,2-Dichloropropane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
cis-1,2-Dichloroethene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Bromochloromethane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Chloroform	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Tetrahydrofuran	ND	18	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,1,1-Trichloroethane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
tert-Amyl methyl ether (TAME)	ND	7.1	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Carbon Tetrachloride	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,1-Dichloropropene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Benzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,2-Dichloroethane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Trichloroethene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,2-Dichloropropane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Dibromomethane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Bromodichloromethane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Methyl Isobutyl Ketone	ND	18	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
cis-1,3-Dichloropropene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Toluene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
trans-1,3-Dichloropropene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
2-Hexanone	ND	18	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,1,2-Trichloroethane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B63 2-4ft

Lab ID: 24E0689-03

Volatile Organics **Analyst: MH**

Method: EPA 8260D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Tetrachloroethene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,3-Dichloropropane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Dibromochloromethane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,2-Dibromoethane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
trans-1,4-Dichloro-2-Butene	ND	18	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	*C2
Chlorobenzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,1,1,2-Tetrachloroethane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Ethylbenzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
m+p Xylenes	ND	7.1	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
o-Xylene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Styrene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Bromoform	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Isopropylbenzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,1,2,2-Tetrachloroethane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Bromobenzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,2,3-Trichloropropane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
n-Propylbenzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
2-Chlorotoluene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
4-Chlorotoluene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,3,5-Trimethylbenzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
tert-Butylbenzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,2,4-Trimethylbenzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
sec-Butylbenzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,3-Dichlorobenzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
4-Isopropyltoluene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,4-Dichlorobenzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,2-Dichlorobenzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
n-Butylbenzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,2-Dibromo-3-Chloropropane	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,2,4-Trichlorobenzene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Hexachlorobutadiene	ND	3.6	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Naphthalene	ND	7.1	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
1,2,3-Trichlorobenzene	ND	7.1	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Ethyl Ether	ND	36	1.35	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 11:36	
Surrogate: 1,2-Dichloroethane-d4	*103 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 11:36*	
Surrogate: Toluene-d8	*99.2 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 11:36*	
Surrogate: 4-Bromofluorobenzene	*97.6 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 11:36*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B27A 2-4ft

Lab ID: 24E0689-04

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
1,3-Dichlorobenzene	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	*F1
n-Nitroso-di-n-propylamine	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Pyridine	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	*F1
n-Nitroso-dimethylamine	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
bis(2-Chloroethyl)ether	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Aniline	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	*I
2-Chlorophenol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
1,4-Dichlorobenzene	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	*F1
Benzyl Alcohol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
1,2-Dichlorobenzene	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
bis(2-Chloroisopropyl)ether	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Hexachloroethane	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	*F1
2-Methyl Phenol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
3+4 Methyl Phenol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Naphthalene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
2-Nitrophenol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	*C2
2,4-Dichlorophenol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Hexachlorobutadiene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
4-Chloro-3-methylphenol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Nitrobenzene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Isophorone	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
2,4-Dimethylphenol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
bis(2-Chloroethoxy)methane	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Benzoic Acid	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
1,2,4-Trichlorobenzene	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
2,6-Dichlorophenol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
4-Chloroaniline	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
1,2,4,5-Tetrachlorobenzene	ND	59	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
2-Methyl Naphthalene	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Acenaphthylene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Acenaphthene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Dibenzofuran	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Fluorene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Hexachlorocyclopentadiene	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	*I
2,4,6-Trichlorophenol	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
2,4,5-Trichlorophenol	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
2,4-Dinitrophenol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	*C2
4-Nitrophenol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
2-Chloronaphthalene	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B27A 2-4ft

Lab ID: 24E0689-04

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2-Nitroaniline	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	*C2
Dimethylphthalate	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
2,6-Dinitrotoluene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	*C2
4-Nitroaniline	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	*C2
2,4-Dinitrotoluene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
2,3,4,6-Tetrachlorophenol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
4-Chlorophenyl-phenylether	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Diethylphthalate	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Phenanthrene	**200**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Anthracene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Carbazole	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Fluoranthene	**400**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Pyrene	**340**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
n-Nitrosodiphenylamine	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Pentachlorophenol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
3-Nitroaniline	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	*C2
4,6-Dinitro-2-methylphenol	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	*C2
1,2-Diphenylhydrazine	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
4-Bromophenyl-phenylether	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Hexachlorobenzene	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Di-n-butylphthalate	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Pentachloronitrobenzene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Benzo[a]anthracene	**170**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Chrysene	**210**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Butylbenzylphthalate	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
3,3-Dichlorobenzidine	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	*F1
bis(2-Ethylhexyl)phthalate	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Di-n-octylphthalate	ND	240	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Benzo[b]fluoranthene	**240**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Benzo[k]fluoranthene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Benzo[a]pyrene	**180**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Indeno[1,2,3-cd]pyrene	**120**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Dibenz[a,h]anthracene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Acetophenone	ND	350	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Benzo[g,h,i]perylene	**140**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:16	
Surrogate: 2-Fluorophenol	*55.0 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 17:16*	
Surrogate: Phenol-d6	*62.1 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 17:16*	
Surrogate: Nitrobenzene-d5	*53.4 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 17:16*	
Surrogate: 2-Fluorobiphenyl	*63.6 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 17:16*	
Surrogate: 2,4,6-Tribromophenol	*97.3 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 17:16*	
Surrogate: Terphenyl-d14	*83.4 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 17:16*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B27A 2-4ft

Lab ID: 24E0689-04

Volatile Organics
Method: EPA 8260D

Analyst: MH

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Chloromethane	ND	6.9	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	*C2*I
Vinyl Chloride	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Bromomethane	ND	6.9	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	*C2*I
Chloroethane	ND	6.9	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Trichlorofluoromethane	ND	28	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Acetone	ND	100	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Acrylonitrile	ND	5.5	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Trichlorotrifluoroethane	ND	28	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	*F2*C2
1,1-Dichloroethene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	*F2
t-Butanol	ND	28	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Methylene Chloride	ND	41	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	*C1
Carbon Disulfide	ND	6.9	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	*C2
Methyl-t-Butyl Ether (MTBE)	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
trans-1,2-Dichloroethene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Di-isopropyl ether	ND	6.9	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,1-Dichloroethane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
t-Butyl ethyl ether	ND	6.9	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
2-Butanone (MEK)	**17**	17	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
2,2-Dichloropropane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
cis-1,2-Dichloroethene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Bromochloromethane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Chloroform	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Tetrahydrofuran	ND	17	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,1,1-Trichloroethane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
tert-Amyl methyl ether (TAME)	ND	6.9	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Carbon Tetrachloride	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,1-Dichloropropene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Benzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,2-Dichloroethane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Trichloroethene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,2-Dichloropropane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Dibromomethane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Bromodichloromethane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Methyl Isobutyl Ketone	ND	17	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
cis-1,3-Dichloropropene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Toluene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
trans-1,3-Dichloropropene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B27A 2-4ft

Lab ID: 24E0689-04

Volatile Organics **Analyst: MH**

Method: EPA 8260D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2-Hexanone	ND	17	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,1,2-Trichloroethane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Tetrachloroethene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,3-Dichloropropane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Dibromochloromethane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,2-Dibromoethane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
trans-1,4-Dichloro-2-Butene	ND	17	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	*C2
Chlorobenzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,1,1,2-Tetrachloroethane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Ethylbenzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
m+p Xylenes	ND	6.9	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
o-Xylene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Styrene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Bromoform	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Isopropylbenzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,1,2,2-Tetrachloroethane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Bromobenzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,2,3-Trichloropropane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
n-Propylbenzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
2-Chlorotoluene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
4-Chlorotoluene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,3,5-Trimethylbenzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
tert-Butylbenzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,2,4-Trimethylbenzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
sec-Butylbenzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,3-Dichlorobenzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
4-Isopropyltoluene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,4-Dichlorobenzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,2-Dichlorobenzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
n-Butylbenzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,2-Dibromo-3-Chloropropane	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,2,4-Trichlorobenzene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Hexachlorobutadiene	ND	3.4	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Naphthalene	ND	6.9	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
1,2,3-Trichlorobenzene	ND	6.9	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Ethyl Ether	ND	34	1.16	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:03	
Surrogate: 1,2-Dichloroethane-d4	*101 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 12:03*	
Surrogate: Toluene-d8	*99.1 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 12:03*	
Surrogate: 4-Bromofluorobenzene	*101 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 12:03*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B27A 6-7.5ft

Lab ID: 24E0689-05

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.56	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Alpha-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Gamma-BHC	ND	0.56	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Heptachlor	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Aldrin	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Beta-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Delta-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Heptachlor Epoxide	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Endosulfan I	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
4,4-DDE	**1.7**	0.56	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Dieldrin	ND	0.56	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Endrin	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
4,4-DDD	ND	0.56	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Endosulfan II	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
4,4-DDT	ND	0.56	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Endrin Aldehyde	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
4,4-Methoxychlor	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Endosulfan Sulfate	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Endrin Ketone	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Chlordane	ND	17	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Toxaphene	ND	56	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Alachlor	ND	28	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:07	
Surrogate: TCMX [1C]	*61.0 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:07*	
Surrogate: DCB [1C]	*78.2 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:07*	
Surrogate: TCMX [2C]	*62.3 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:07*	
Surrogate: DCB [2C]	*85.4 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:07*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B48 2-4ft

Lab ID: 24E0689-06

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
1,3-Dichlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	*F1
n-Nitroso-di-n-propylamine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Pyridine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	*F1
n-Nitroso-dimethylamine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
bis(2-Chloroethyl)ether	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Aniline	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	*I
2-Chlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
1,4-Dichlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	*F1
Benzyl Alcohol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
1,2-Dichlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
bis(2-Chloroisopropyl)ether	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Hexachloroethane	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	*F1
2-Methyl Phenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
3+4 Methyl Phenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Naphthalene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
2-Nitrophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	*C2
2,4-Dichlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Hexachlorobutadiene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
4-Chloro-3-methylphenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Nitrobenzene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Isophorone	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
2,4-Dimethylphenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
bis(2-Chloroethoxy)methane	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Benzoic Acid	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
1,2,4-Trichlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
2,6-Dichlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
4-Chloroaniline	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
1,2,4,5-Tetrachlorobenzene	ND	56	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
2-Methyl Naphthalene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Acenaphthylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Acenaphthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Dibenzofuran	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Fluorene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Hexachlorocyclopentadiene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	*I
2,4,6-Trichlorophenol	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
2,4,5-Trichlorophenol	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
2,4-Dinitrophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	*C2
4-Nitrophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
2-Chloronaphthalene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B48 2-4ft

Lab ID: 24E0689-06

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2-Nitroaniline	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	*C2
Dimethylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
2,6-Dinitrotoluene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	*C2
4-Nitroaniline	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	*C2
2,4-Dinitrotoluene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
2,3,4,6-Tetrachlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
4-Chlorophenyl-phenylether	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Diethylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Phenanthrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Carbazole	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
n-Nitrosodiphenylamine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Pentachlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
3-Nitroaniline	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	*C2
4,6-Dinitro-2-methylphenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	*C2
1,2-Diphenylhydrazine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
4-Bromophenyl-phenylether	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Hexachlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Di-n-butylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Pentachloronitrobenzene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Benzo[a]anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Chrysene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Butylbenzylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
3,3-Dichlorobenzidine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	*F1
bis(2-Ethylhexyl)phthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Di-n-octylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Benzo[a]pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Acetophenone	ND	340	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 17:40	
Surrogate: 2-Fluorophenol	*49.1 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 17:40*	
Surrogate: Phenol-d6	*57.7 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 17:40*	
Surrogate: Nitrobenzene-d5	*47.8 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 17:40*	
Surrogate: 2-Fluorobiphenyl	*53.5 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 17:40*	
Surrogate: 2,4,6-Tribromophenol	*61.1 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 17:40*	
Surrogate: Terphenyl-d14	*90.5 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 17:40*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B48 2-4ft

Lab ID: 24E0689-06

Volatile Organics **Analyst: MH**

Method: EPA 8260D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	9.2	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Chloromethane	ND	6.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	*C2*I
Vinyl Chloride	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Bromomethane	ND	6.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	*C2*I
Chloroethane	ND	6.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Trichlorofluoromethane	ND	24	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Acetone	ND	92	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Acrylonitrile	ND	4.9	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Trichlorotrifluoroethane	ND	24	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	*F2*C2
1,1-Dichloroethene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	*F2
t-Butanol	ND	24	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Methylene Chloride	ND	37	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	*C1
Carbon Disulfide	ND	6.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	*C2
Methyl-t-Butyl Ether (MTBE)	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
trans-1,2-Dichloroethene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Di-isopropyl ether	ND	6.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,1-Dichloroethane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
t-Butyl ethyl ether	ND	6.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
2-Butanone (MEK)	ND	15	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
2,2-Dichloropropane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
cis-1,2-Dichloroethene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Bromochloromethane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Chloroform	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Tetrahydrofuran	ND	15	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,1,1-Trichloroethane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
tert-Amyl methyl ether (TAME)	ND	6.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Carbon Tetrachloride	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,1-Dichloropropene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Benzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,2-Dichloroethane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Trichloroethene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,2-Dichloropropane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Dibromomethane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Bromodichloromethane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Methyl Isobutyl Ketone	ND	15	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
cis-1,3-Dichloropropene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Toluene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
trans-1,3-Dichloropropene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B48 2-4ft

Lab ID: 24E0689-06

Volatile Organics **Analyst: MH**

Method: EPA 8260D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2-Hexanone	ND	15	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,1,2-Trichloroethane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Tetrachloroethene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,3-Dichloropropane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Dibromochloromethane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,2-Dibromoethane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
trans-1,4-Dichloro-2-Butene	ND	15	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	*C2
Chlorobenzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,1,1,2-Tetrachloroethane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Ethylbenzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
m+p Xylenes	ND	6.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
o-Xylene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Styrene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Bromoform	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Isopropylbenzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,1,2,2-Tetrachloroethane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Bromobenzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,2,3-Trichloropropane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
n-Propylbenzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
2-Chlorotoluene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
4-Chlorotoluene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,3,5-Trimethylbenzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
tert-Butylbenzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,2,4-Trimethylbenzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
sec-Butylbenzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,3-Dichlorobenzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
4-Isopropyltoluene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,4-Dichlorobenzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,2-Dichlorobenzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
n-Butylbenzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,2-Dibromo-3-Chloropropane	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,2,4-Trichlorobenzene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Hexachlorobutadiene	ND	3.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Naphthalene	ND	6.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
1,2,3-Trichlorobenzene	ND	6.1	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Ethyl Ether	ND	31	1.08	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:31	
Surrogate: 1,2-Dichloroethane-d4	*102 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 12:31*	
Surrogate: Toluene-d8	*98.3 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 12:31*	
Surrogate: 4-Bromofluorobenzene	*96.8 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 12:31*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B48 4-5ft

Lab ID: 24E0689-07

Total Metals **Analyst: SS**

Method: EPA 6010D **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**13**	2.3	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:30	
Selenium	ND	2.8	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:30	
Cadmium	ND	0.56	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:30	
Chromium	**20**	2.3	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:30	
Arsenic	**5.0**	1.1	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:30	
Barium	**71**	2.3	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:30	
Silver	ND	2.3	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:30	
Copper	**28**	2.3	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:30	
Nickel	**18**	2.3	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:30	
Zinc	**50**	2.3	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:30	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
1,3-Dichlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	*F1
n-Nitroso-di-n-propylamine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Pyridine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	*F1
n-Nitroso-dimethylamine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
bis(2-Chloroethyl)ether	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Aniline	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	*I
2-Chlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
1,4-Dichlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	*F1
Benzyl Alcohol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
1,2-Dichlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
bis(2-Chloroisopropyl)ether	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Hexachloroethane	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	*F1
2-Methyl Phenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
3+4 Methyl Phenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Naphthalene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
2-Nitrophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	*C2
2,4-Dichlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Hexachlorobutadiene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
4-Chloro-3-methylphenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B48 4-5ft

Lab ID: 24E0689-07

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Nitrobenzene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Isophorone	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
2,4-Dimethylphenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
bis(2-Chloroethoxy)methane	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Benzoic Acid	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
1,2,4-Trichlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
2,6-Dichlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
4-Chloroaniline	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
1,2,4,5-Tetrachlorobenzene	ND	57	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
2-Methyl Naphthalene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Acenaphthylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Acenaphthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Dibenzofuran	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Fluorene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Hexachlorocyclopentadiene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	*I
2,4,6-Trichlorophenol	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
2,4,5-Trichlorophenol	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
2,4-Dinitrophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	*C2
4-Nitrophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
2-Chloronaphthalene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
2-Nitroaniline	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	*C2
Dimethylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
2,6-Dinitrotoluene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	*C2
4-Nitroaniline	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	*C2
2,4-Dinitrotoluene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
2,3,4,6-Tetrachlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
4-Chlorophenyl-phenylether	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Diethylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Phenanthrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Carbazole	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Pyrene	**130**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
n-Nitrosodiphenylamine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Pentachlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
3-Nitroaniline	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	*C2
4,6-Dinitro-2-methylphenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	*C2
1,2-Diphenylhydrazine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
4-Bromophenyl-phenylether	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Hexachlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Di-n-butylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B48 4-5ft

Lab ID: 24E0689-07

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Pentachloronitrobenzene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Benzo[a]anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Chrysene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Butylbenzylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
3,3-Dichlorobenzidine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	*F1
bis(2-Ethylhexyl)phthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Di-n-octylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Benzo[a]pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Acetophenone	ND	340	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:03	
Surrogate: 2-Fluorophenol	*38.5 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 18:03*	
Surrogate: Phenol-d6	*42.8 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 18:03*	
Surrogate: Nitrobenzene-d5	*39.5 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 18:03*	
Surrogate: 2-Fluorobiphenyl	*44.9 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 18:03*	
Surrogate: 2,4,6-Tribromophenol	*58.9 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 18:03*	
Surrogate: Terphenyl-d14	*71.9 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 18:03*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B52 4-6ft

Lab ID: 24E0689-08

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	56	1	EPA 3550C	BE42439	05/24/2024	05/25/2024 01:42	
Surrogate: Octacosane	*103 %*	*50 - 150*			BE42439	05/24/2024	*05/25/2024 01:42*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
2-Methyl Naphthalene	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Acenaphthylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Acenaphthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Fluorene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Phenanthrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Fluoranthene	**240**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Pyrene	**210**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Benzo[a]anthracene	**120**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Chrysene	**130**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Benzo[b]fluoranthene	**160**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Benzo[a]pyrene	**140**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:27	
Surrogate: Nitrobenzene-d5	*50.5 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 18:27*	
Surrogate: 2-Fluorobiphenyl	*58.8 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 18:27*	
Surrogate: Terphenyl-d14	*83.5 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 18:27*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B53 0-2ft

Lab ID: 24E0689-09

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.59	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Alpha-BHC	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Gamma-BHC	ND	0.59	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Heptachlor	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Aldrin	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Beta-BHC	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Delta-BHC	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Heptachlor Epoxide	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Endosulfan I	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
4,4-DDE	**83**	0.59	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Dieldrin	ND	0.59	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Endrin	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
4,4-DDD	**24**	0.59	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Endosulfan II	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
4,4-DDT	**60**	0.59	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Endrin Aldehyde	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
4,4-Methoxychlor	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Endosulfan Sulfate	**13**	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Endrin Ketone	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Chlordane	ND	18	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Toxaphene	ND	59	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Alachlor	ND	29	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:18	
Surrogate: TCMX [1C]	*107 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:18*	
Surrogate: DCB [1C]	*124 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:18*	
Surrogate: TCMX [2C]	*111 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:18*	
Surrogate: DCB [2C]	*117 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:18*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B53 6-8ft

Lab ID: 24E0689-10

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	57	1	EPA 3550C	BE42439	05/24/2024	05/25/2024 02:03	
Surrogate: Octacosane	*102 %*	*50 - 150*			BE42439	05/24/2024	*05/25/2024 02:03*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
2-Methyl Naphthalene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Acenaphthylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Acenaphthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Fluorene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Phenanthrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Benzo[a]anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Chrysene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Benzo[a]pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 18:50	
Surrogate: Nitrobenzene-d5	*37.7 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 18:50*	
Surrogate: 2-Fluorobiphenyl	*44.2 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 18:50*	
Surrogate: Terphenyl-d14	*81.0 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 18:50*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B54 6-8ft

Lab ID: 24E0689-11

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	52	1	EPA 3550C	BE42439	05/24/2024	05/25/2024 02:25	
Surrogate: Octacosane	*96.9 %*	*50 - 150*			BE42439	05/24/2024	*05/25/2024 02:25*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
2-Methyl Naphthalene	ND	210	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Acenaphthylene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Acenaphthene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Fluorene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Phenanthrene	**880**	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Anthracene	**130**	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Fluoranthene	**1000**	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Pyrene	**800**	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Benzo[a]anthracene	**370**	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Chrysene	**430**	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Benzo[b]fluoranthene	**490**	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Benzo[k]fluoranthene	**210**	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Benzo[a]pyrene	**390**	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Indeno[1,2,3-cd]pyrene	**220**	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Dibenz[a,h]anthracene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Benzo[g,h,i]perylene	**280**	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:14	
Surrogate: Nitrobenzene-d5	*59.3 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 19:14*	
Surrogate: 2-Fluorobiphenyl	*67.5 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 19:14*	
Surrogate: Terphenyl-d14	*84.7 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 19:14*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B56 2-4ft

Lab ID: 24E0689-12

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.57	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Alpha-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Gamma-BHC	ND	0.57	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Heptachlor	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Aldrin	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Beta-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Delta-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Heptachlor Epoxide	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Endosulfan I	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
4,4-DDE	**1.3**	0.57	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Dieldrin	**0.94**	0.57	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Endrin	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
4,4-DDD	**0.84**	0.57	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Endosulfan II	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
4,4-DDT	**1.4**	0.57	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Endrin Aldehyde	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
4,4-Methoxychlor	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Endosulfan Sulfate	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Endrin Ketone	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Chlordane	ND	17	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Toxaphene	ND	57	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Alachlor	ND	28	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 12:01	
Surrogate: TCMX [1C]	*51.8 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 12:01*	
Surrogate: DCB [1C]	*57.8 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 12:01*	
Surrogate: TCMX [2C]	*55.4 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 12:01*	
Surrogate: DCB [2C]	*54.1 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 12:01*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**190**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
2-Methyl Naphthalene	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Acenaphthylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B56 2-4ft

Lab ID: 24E0689-12

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Acenaphthene	**300**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Fluorene	**340**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Phenanthrene	**3200**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Anthracene	**560**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Fluoranthene	**3700**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Pyrene	**2900**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Benzo[a]anthracene	**1300**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Chrysene	**1500**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Benzo[b]fluoranthene	**1600**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Benzo[k]fluoranthene	**660**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Benzo[a]pyrene	**1300**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Indeno[1,2,3-cd]pyrene	**700**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Dibenz[a,h]anthracene	**220**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Benzo[g,h,i]perylene	**860**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 19:37	
Surrogate: Nitrobenzene-d5	*50.7 %*		*30 - 130*		BE42303	05/23/2024	*05/28/2024 19:37*	
Surrogate: 2-Fluorobiphenyl	*63.3 %*		*30 - 130*		BE42303	05/23/2024	*05/28/2024 19:37*	
Surrogate: Terphenyl-d14	*84.3 %*		*30 - 130*		BE42303	05/23/2024	*05/28/2024 19:37*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B44 2-4ft

Lab ID: 24E0689-13

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.69	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Alpha-BHC	ND	1.4	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Gamma-BHC	ND	0.69	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Heptachlor	ND	3.4	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Aldrin	ND	1.4	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Beta-BHC	ND	1.4	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Delta-BHC	ND	1.4	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Heptachlor Epoxide	ND	3.4	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Endosulfan I	ND	3.4	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
4,4-DDE	**190**	0.69	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Dieldrin	**30**	0.69	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Endrin	ND	3.4	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
4,4-DDD	**68**	0.69	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Endosulfan II	ND	3.4	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
4,4-DDT	**51**	0.69	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Endrin Aldehyde	ND	3.4	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
4,4-Methoxychlor	ND	3.4	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Endosulfan Sulfate	ND	3.4	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Endrin Ketone	ND	3.4	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Chlordane	**100**	21	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Toxaphene	ND	69	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Alachlor	ND	34	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:41	
Surrogate: TCMX [1C]	*92.5 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:41*	
Surrogate: DCB [1C]	*112 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:41*	
Surrogate: TCMX [2C]	*96.3 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:41*	
Surrogate: DCB [2C]	*117 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:41*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
2-Methyl Naphthalene	ND	280	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Acenaphthylene	ND	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B44 2-4ft

Lab ID: 24E0689-13

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Acenaphthene	ND	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Fluorene	ND	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Phenanthrene	**220**	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Anthracene	ND	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Fluoranthene	**420**	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Pyrene	**330**	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Benzo[a]anthracene	ND	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Chrysene	**190**	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Benzo[b]fluoranthene	**200**	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Benzo[k]fluoranthene	ND	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Benzo[a]pyrene	**150**	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Indeno[1,2,3-cd]pyrene	ND	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Dibenz[a,h]anthracene	ND	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Benzo[g,h,i]perylene	ND	140	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:01	
Surrogate: Nitrobenzene-d5	*53.8 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 20:01*	
Surrogate: 2-Fluorobiphenyl	*64.0 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 20:01*	
Surrogate: Terphenyl-d14	*73.8 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 20:01*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B44 16-18ft

Lab ID: 24E0689-14

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.54	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Alpha-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Gamma-BHC	ND	0.54	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Heptachlor	ND	2.7	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Aldrin	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Beta-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Delta-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Heptachlor Epoxide	ND	2.7	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Endosulfan I	ND	2.7	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
4,4-DDE	**5.1**	0.54	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Dieldrin	**0.81**	0.54	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Endrin	ND	2.7	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
4,4-DDD	**1.3**	0.54	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Endosulfan II	ND	2.7	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
4,4-DDT	**2.7**	0.54	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Endrin Aldehyde	ND	2.7	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
4,4-Methoxychlor	ND	2.7	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Endosulfan Sulfate	ND	2.7	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Endrin Ketone	ND	2.7	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Chlordane	ND	16	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Toxaphene	ND	54	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Alachlor	ND	27	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 10:53	
Surrogate: TCMX [1C]	*74.4 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:53*	
Surrogate: DCB [1C]	*99.7 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:53*	
Surrogate: TCMX [2C]	*84.2 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:53*	
Surrogate: DCB [2C]	*96.8 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 10:53*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B45 0-2ft

Lab ID: 24E0689-15

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Alpha-BHC	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Gamma-BHC	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Heptachlor	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Aldrin	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Beta-BHC	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Delta-BHC	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Heptachlor Epoxide	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Endosulfan I	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
4,4-DDE	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Dieldrin	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Endrin	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
4,4-DDD	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Endosulfan II	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
4,4-DDT	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Endrin Aldehyde	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
4,4-Methoxychlor	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Endosulfan Sulfate	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Endrin Ketone	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Chlordane	ND	17	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Toxaphene	ND	58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Alachlor	ND	29	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:04	
Surrogate: TCMX [1C]	*71.7 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:04*	
Surrogate: DCB [1C]	*92.0 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:04*	
Surrogate: TCMX [2C]	*78.6 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:04*	
Surrogate: DCB [2C]	*93.8 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:04*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
2-Methyl Naphthalene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Acenaphthylene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B45 0-2ft

Lab ID: 24E0689-15

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Acenaphthene	**120**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Fluorene	**120**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Phenanthrene	**1200**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Anthracene	**290**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Fluoranthene	**1700**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Pyrene	**1500**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Benzo[a]anthracene	**720**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Chrysene	**760**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Benzo[b]fluoranthene	**880**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Benzo[k]fluoranthene	**360**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Benzo[a]pyrene	**700**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Indeno[1,2,3-cd]pyrene	**380**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Dibenz[a,h]anthracene	**120**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Benzo[g,h,i]perylene	**490**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:24	
Surrogate: Nitrobenzene-d5	*35.0 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 20:24*	
Surrogate: 2-Fluorobiphenyl	*47.9 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 20:24*	
Surrogate: Terphenyl-d14	*66.6 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 20:24*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B45 4-6ft

Lab ID: 24E0689-16

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.56	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Alpha-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Gamma-BHC	ND	0.56	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Heptachlor	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Aldrin	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Beta-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Delta-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Heptachlor Epoxide	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Endosulfan I	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
4,4-DDE	ND	0.56	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Dieldrin	ND	0.56	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Endrin	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
4,4-DDD	ND	0.56	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Endosulfan II	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
4,4-DDT	ND	0.56	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Endrin Aldehyde	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
4,4-Methoxychlor	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Endosulfan Sulfate	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Endrin Ketone	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Chlordane	ND	17	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Toxaphene	ND	56	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Alachlor	ND	28	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:16	
Surrogate: TCMX [1C]	*85.8 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:16*	
Surrogate: DCB [1C]	*103 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:16*	
Surrogate: TCMX [2C]	*92.8 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:16*	
Surrogate: DCB [2C]	*106 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:16*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
2-Methyl Naphthalene	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Acenaphthylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B45 4-6ft

Lab ID: 24E0689-16

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Acenaphthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Fluorene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Phenanthrene	**430**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Fluoranthene	**810**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Pyrene	**700**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Benzo[a]anthracene	**300**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Chrysene	**330**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Benzo[b]fluoranthene	**330**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Benzo[k]fluoranthene	**220**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Benzo[a]pyrene	**310**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Indeno[1,2,3-cd]pyrene	**180**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Benzo[g,h,i]perylene	**260**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 20:47	
Surrogate: Nitrobenzene-d5	*43.2 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 20:47*	
Surrogate: 2-Fluorobiphenyl	*55.9 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 20:47*	
Surrogate: Terphenyl-d14	*77.2 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 20:47*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B46 2-4ft

Lab ID: 24E0689-17

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
1,3-Dichlorobenzene	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	*F1
n-Nitroso-di-n-propylamine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Pyridine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	*F1
n-Nitroso-dimethylamine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
bis(2-Chloroethyl)ether	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Aniline	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	*I
2-Chlorophenol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
1,4-Dichlorobenzene	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	*F1
Benzyl Alcohol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
1,2-Dichlorobenzene	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
bis(2-Chloroisopropyl)ether	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Hexachloroethane	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	*F1
2-Methyl Phenol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
3+4 Methyl Phenol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Naphthalene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
2-Nitrophenol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	*C2
2,4-Dichlorophenol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Hexachlorobutadiene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
4-Chloro-3-methylphenol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Nitrobenzene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Isophorone	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
2,4-Dimethylphenol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
bis(2-Chloroethoxy)methane	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Benzoic Acid	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
1,2,4-Trichlorobenzene	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
2,6-Dichlorophenol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
4-Chloroaniline	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
1,2,4,5-Tetrachlorobenzene	ND	55	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
2-Methyl Naphthalene	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Acenaphthylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Acenaphthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Dibenzofuran	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Fluorene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Hexachlorocyclopentadiene	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	*I
2,4,6-Trichlorophenol	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
2,4,5-Trichlorophenol	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
2,4-Dinitrophenol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	*C2
4-Nitrophenol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
2-Chloronaphthalene	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B46 2-4ft

Lab ID: 24E0689-17

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2-Nitroaniline	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	*C2
Dimethylphthalate	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
2,6-Dinitrotoluene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	*C2
4-Nitroaniline	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	*C2
2,4-Dinitrotoluene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
2,3,4,6-Tetrachlorophenol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
4-Chlorophenyl-phenylether	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Diethylphthalate	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Phenanthrene	**170**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Carbazole	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Fluoranthene	**170**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Pyrene	**210**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
n-Nitrosodiphenylamine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Pentachlorophenol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
3-Nitroaniline	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	*C2
4,6-Dinitro-2-methylphenol	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	*C2
1,2-Diphenylhydrazine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
4-Bromophenyl-phenylether	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Hexachlorobenzene	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Di-n-butylphthalate	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Pentachloronitrobenzene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Benzo[a]anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Chrysene	**110**	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Butylbenzylphthalate	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
3,3-Dichlorobenzidine	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	*F1
bis(2-Ethylhexyl)phthalate	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Di-n-octylphthalate	ND	220	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Benzo[a]pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Acetophenone	ND	330	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:11	
Surrogate: 2-Fluorophenol	*42.8 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 21:11*	
Surrogate: Phenol-d6	*48.5 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 21:11*	
Surrogate: Nitrobenzene-d5	*42.8 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 21:11*	
Surrogate: 2-Fluorobiphenyl	*46.1 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 21:11*	
Surrogate: 2,4,6-Tribromophenol	*63.6 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 21:11*	
Surrogate: Terphenyl-d14	*81.0 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 21:11*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B46 2-4ft

Lab ID: 24E0689-17

Volatile Organics
Method: EPA 8260D

Analyst: MH

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Chloromethane	ND	6.8	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	*C2*I
Vinyl Chloride	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Bromomethane	ND	6.8	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	*C2*I
Chloroethane	ND	6.8	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Trichlorofluoromethane	ND	27	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Acetone	ND	100	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Acrylonitrile	ND	5.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Trichlorotrifluoroethane	ND	27	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	*F2*C2
1,1-Dichloroethene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	*F2
t-Butanol	ND	27	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Methylene Chloride	ND	41	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	*C1
Carbon Disulfide	ND	6.8	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	*C2
Methyl-t-Butyl Ether (MTBE)	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
trans-1,2-Dichloroethene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Di-isopropyl ether	ND	6.8	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,1-Dichloroethane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
t-Butyl ethyl ether	ND	6.8	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
2-Butanone (MEK)	ND	17	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
2,2-Dichloropropane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
cis-1,2-Dichloroethene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Bromochloromethane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Chloroform	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Tetrahydrofuran	ND	17	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,1,1-Trichloroethane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
tert-Amyl methyl ether (TAME)	ND	6.8	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Carbon Tetrachloride	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,1-Dichloropropene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Benzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,2-Dichloroethane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Trichloroethene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,2-Dichloropropane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Dibromomethane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Bromodichloromethane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Methyl Isobutyl Ketone	ND	17	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
cis-1,3-Dichloropropene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Toluene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
trans-1,3-Dichloropropene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B46 2-4ft

Lab ID: 24E0689-17

Volatile Organics **Analyst: MH**

Method: EPA 8260D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2-Hexanone	ND	17	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,1,2-Trichloroethane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Tetrachloroethene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,3-Dichloropropane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Dibromochloromethane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,2-Dibromoethane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
trans-1,4-Dichloro-2-Butene	ND	17	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	*C2
Chlorobenzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,1,1,2-Tetrachloroethane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Ethylbenzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
m+p Xylenes	ND	6.8	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
o-Xylene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Styrene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Bromoform	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Isopropylbenzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,1,2,2-Tetrachloroethane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Bromobenzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,2,3-Trichloropropane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
n-Propylbenzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
2-Chlorotoluene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
4-Chlorotoluene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,3,5-Trimethylbenzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
tert-Butylbenzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,2,4-Trimethylbenzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
sec-Butylbenzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,3-Dichlorobenzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
4-Isopropyltoluene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,4-Dichlorobenzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,2-Dichlorobenzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
n-Butylbenzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,2-Dibromo-3-Chloropropane	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,2,4-Trichlorobenzene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Hexachlorobutadiene	ND	3.4	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Naphthalene	ND	6.8	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
1,2,3-Trichlorobenzene	ND	6.8	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Ethyl Ether	ND	34	1.21	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 12:59	
Surrogate: 1,2-Dichloroethane-d4	*101 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 12:59*	
Surrogate: Toluene-d8	*99.7 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 12:59*	
Surrogate: 4-Bromofluorobenzene	*93.4 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 12:59*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B47 2-4ft

Lab ID: 24E0689-18

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Alpha-BHC	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Gamma-BHC	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Heptachlor	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Aldrin	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Beta-BHC	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Delta-BHC	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Heptachlor Epoxide	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Endosulfan I	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
4,4-DDE	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Dieldrin	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Endrin	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
4,4-DDD	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Endosulfan II	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
4,4-DDT	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Endrin Aldehyde	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
4,4-Methoxychlor	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Endosulfan Sulfate	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Endrin Ketone	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Chlordane	ND	18	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Toxaphene	ND	58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Alachlor	ND	29	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:27	
Surrogate: TCMX [1C]	*73.3 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:27*	
Surrogate: DCB [1C]	*98.7 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:27*	
Surrogate: TCMX [2C]	*75.5 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:27*	
Surrogate: DCB [2C]	*88.4 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:27*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
1,3-Dichlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	*F1
n-Nitroso-di-n-propylamine	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B47 2-4ft

Lab ID: 24E0689-18

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Pyridine	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	*F1
n-Nitroso-dimethylamine	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
bis(2-Chloroethyl)ether	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Aniline	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	*I
2-Chlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
1,4-Dichlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	*F1
Benzyl Alcohol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
1,2-Dichlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
bis(2-Chloroisopropyl)ether	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Hexachloroethane	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	*F1
2-Methyl Phenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
3+4 Methyl Phenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Naphthalene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
2-Nitrophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	*C2
2,4-Dichlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Hexachlorobutadiene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
4-Chloro-3-methylphenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Nitrobenzene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Isophorone	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
2,4-Dimethylphenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
bis(2-Chloroethoxy)methane	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Benzoic Acid	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
1,2,4-Trichlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
2,6-Dichlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
4-Chloroaniline	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
1,2,4,5-Tetrachlorobenzene	ND	58	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
2-Methyl Naphthalene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Acenaphthylene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Acenaphthene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Dibenzofuran	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Fluorene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Hexachlorocyclopentadiene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	*I
2,4,6-Trichlorophenol	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
2,4,5-Trichlorophenol	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
2,4-Dinitrophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	*C2
4-Nitrophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
2-Chloronaphthalene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
2-Nitroaniline	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	*C2
Dimethylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
2,6-Dinitrotoluene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	*C2
4-Nitroaniline	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	*C2

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B47 2-4ft

Lab ID: 24E0689-18

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrotoluene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
2,3,4,6-Tetrachlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
4-Chlorophenyl-phenylether	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Diethylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Phenanthrene	**290**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Anthracene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Carbazole	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Fluoranthene	**470**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Pyrene	**550**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
n-Nitrosodiphenylamine	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Pentachlorophenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
3-Nitroaniline	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	*C2
4,6-Dinitro-2-methylphenol	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	*C2
1,2-Diphenylhydrazine	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
4-Bromophenyl-phenylether	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Hexachlorobenzene	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Di-n-butylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Pentachloronitrobenzene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Benzo[a]anthracene	**190**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Chrysene	**250**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Butylbenzylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
3,3-Dichlorobenzidine	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	*F1
bis(2-Ethylhexyl)phthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Di-n-octylphthalate	ND	230	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Benzo[b]fluoranthene	**300**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Benzo[k]fluoranthene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Benzo[a]pyrene	**250**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Indeno[1,2,3-cd]pyrene	**140**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Dibenz[a,h]anthracene	ND	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Acetophenone	ND	350	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Benzo[g,h,i]perylene	**210**	120	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:34	
Surrogate: 2-Fluorophenol	*29.5 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 21:34*	**L**
Surrogate: Phenol-d6	*35.3 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 21:34*	
Surrogate: Nitrobenzene-d5	*28.9 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 21:34*	**L**
Surrogate: 2-Fluorobiphenyl	*36.7 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 21:34*	
Surrogate: 2,4,6-Tribromophenol	*52.2 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 21:34*	
Surrogate: Terphenyl-d14	*47.9 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 21:34*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B47 2-4ft

Lab ID: 24E0689-18

Volatile Organics **Analyst: MH**

Method: EPA 8260D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Chloromethane	ND	6.9	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	*C2*I
Vinyl Chloride	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Bromomethane	ND	6.9	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	*C2*I
Chloroethane	ND	6.9	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Trichlorofluoromethane	ND	28	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Acetone	**120**	100	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Acrylonitrile	ND	5.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Trichlorotrifluoroethane	ND	28	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	*F2*C2
1,1-Dichloroethene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	*F2
t-Butanol	ND	28	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Methylene Chloride	ND	42	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	*C1
Carbon Disulfide	ND	6.9	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	*C2
Methyl-t-Butyl Ether (MTBE)	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
trans-1,2-Dichloroethene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Di-isopropyl ether	ND	6.9	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,1-Dichloroethane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
t-Butyl ethyl ether	ND	6.9	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
2-Butanone (MEK)	**30**	17	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
2,2-Dichloropropane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
cis-1,2-Dichloroethene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Bromochloromethane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Chloroform	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Tetrahydrofuran	ND	17	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,1,1-Trichloroethane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
tert-Amyl methyl ether (TAME)	ND	6.9	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Carbon Tetrachloride	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,1-Dichloropropene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Benzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,2-Dichloroethane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Trichloroethene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,2-Dichloropropane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Dibromomethane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Bromodichloromethane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Methyl Isobutyl Ketone	ND	17	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
cis-1,3-Dichloropropene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Toluene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
trans-1,3-Dichloropropene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
2-Hexanone	ND	17	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,1,2-Trichloroethane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Tetrachloroethene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B47 2-4ft

Lab ID: 24E0689-18

Volatile Organics **Analyst: MH**

Method: EPA 8260D **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,3-Dichloropropane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Dibromochloromethane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,2-Dibromoethane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
trans-1,4-Dichloro-2-Butene	ND	17	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	*C2
Chlorobenzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,1,1,2-Tetrachloroethane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Ethylbenzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
m+p Xylenes	ND	6.9	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
o-Xylene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Styrene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Bromoform	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Isopropylbenzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,1,2,2-Tetrachloroethane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Bromobenzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,2,3-Trichloropropane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
n-Propylbenzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
2-Chlorotoluene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
4-Chlorotoluene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,3,5-Trimethylbenzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
tert-Butylbenzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,2,4-Trimethylbenzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
sec-Butylbenzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,3-Dichlorobenzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
4-Isopropyltoluene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,4-Dichlorobenzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,2-Dichlorobenzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
n-Butylbenzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,2-Dibromo-3-Chloropropane	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,2,4-Trichlorobenzene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Hexachlorobutadiene	ND	3.5	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Naphthalene	ND	6.9	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
1,2,3-Trichlorobenzene	ND	6.9	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Ethyl Ether	ND	35	1.18	EPA 5035A-L	BE42338	05/23/2024	05/23/2024 13:26	
Surrogate: 1,2-Dichloroethane-d4	*102 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 13:26*	
Surrogate: Toluene-d8	*99.3 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 13:26*	
Surrogate: 4-Bromofluorobenzene	*92.2 %*		*70 - 130*		BE42338	05/23/2024	*05/23/2024 13:26*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B47 8-9.5ft

Lab ID: 24E0689-19

Total Metals **Analyst: SS**

Method: EPA 6010D **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**13**	2.3	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:35	
Selenium	ND	2.8	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:35	
Cadmium	ND	0.56	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:35	
Chromium	**23**	2.3	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:35	
Arsenic	**5.2**	1.1	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:35	
Barium	**67**	2.3	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:35	
Silver	ND	2.3	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:35	
Copper	**24**	2.3	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:35	
Nickel	**19**	2.3	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:35	
Zinc	**47**	2.3	1	EPA 3051A	BE42317	05/23/2024	05/28/2024 15:35	

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.57	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Alpha-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Gamma-BHC	ND	0.57	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Heptachlor	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Aldrin	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Beta-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Delta-BHC	ND	1.1	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Heptachlor Epoxide	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Endosulfan I	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
4,4-DDE	**3.3**	0.57	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Dieldrin	ND	0.57	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Endrin	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
4,4-DDD	ND	0.57	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Endosulfan II	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
4,4-DDT	**5.1**	0.57	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Endrin Aldehyde	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
4,4-Methoxychlor	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Endosulfan Sulfate	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Endrin Ketone	ND	2.8	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Chlordane	ND	17	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B47 8-9.5ft

Lab ID: 24E0689-19

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Toxaphene	ND	57	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Alachlor	ND	28	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:38	
Surrogate: TCMX [1C]	*76.7 %*		*30 - 150*		BE42407	05/24/2024	*05/30/2024 11:38*	
Surrogate: DCB [1C]	*96.0 %*		*30 - 150*		BE42407	05/24/2024	*05/30/2024 11:38*	
Surrogate: TCMX [2C]	*79.3 %*		*30 - 150*		BE42407	05/24/2024	*05/30/2024 11:38*	
Surrogate: DCB [2C]	*93.8 %*		*30 - 150*		BE42407	05/24/2024	*05/30/2024 11:38*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B42 0-2ft

Lab ID: 24E0689-20

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Alpha-BHC	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Gamma-BHC	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Heptachlor	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Aldrin	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Beta-BHC	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Delta-BHC	ND	1.2	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Heptachlor Epoxide	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Endosulfan I	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
4,4-DDE	**160**	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Dieldrin	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Endrin	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
4,4-DDD	ND	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Endosulfan II	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
4,4-DDT	**170**	0.58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Endrin Aldehyde	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
4,4-Methoxychlor	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Endosulfan Sulfate	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Endrin Ketone	ND	2.9	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Chlordane	**360**	17	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Toxaphene	ND	58	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Alachlor	ND	29	1	EPA 3545A	BE42407	05/24/2024	05/30/2024 11:50	
Surrogate: TCMX [1C]	*85.8 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:50*	
Surrogate: DCB [1C]	*105 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:50*	
Surrogate: TCMX [2C]	*91.1 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:50*	
Surrogate: DCB [2C]	*115 %*	*30 - 150*			BE42407	05/24/2024	*05/30/2024 11:50*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B42 12-14ft

Lab ID: 24E0689-21

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.56	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	*F1
Alpha-BHC	ND	1.1	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Gamma-BHC	ND	0.56	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Heptachlor	ND	2.8	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Aldrin	ND	1.1	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Beta-BHC	ND	1.1	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Delta-BHC	ND	1.1	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Heptachlor Epoxide	ND	2.8	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Endosulfan I	ND	2.8	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
4,4-DDE	**5.1**	0.56	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Dieldrin	ND	0.56	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Endrin	ND	2.8	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
4,4-DDD	ND	0.56	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Endosulfan II	ND	2.8	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
4,4-DDT	**3.7**	0.56	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Endrin Aldehyde	ND	2.8	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
4,4-Methoxychlor	ND	2.8	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Endosulfan Sulfate	ND	2.8	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Endrin Ketone	ND	2.8	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Chlordane	ND	17	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Toxaphene	ND	56	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Alachlor	ND	28	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:47	
Surrogate: TCMX [1C]	*63.7 %*	*30 - 150*			BE42409	05/24/2024	*05/30/2024 12:47*	
Surrogate: DCB [1C]	*104 %*	*30 - 150*			BE42409	05/24/2024	*05/30/2024 12:47*	
Surrogate: TCMX [2C]	*64.2 %*	*30 - 150*			BE42409	05/24/2024	*05/30/2024 12:47*	
Surrogate: DCB [2C]	*95.4 %*	*30 - 150*			BE42409	05/24/2024	*05/30/2024 12:47*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B49 4-6ft

Lab ID: 24E0689-22

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
2-Methyl Naphthalene	ND	210	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Acenaphthylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Acenaphthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Fluorene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Phenanthrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Benzo[a]anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Chrysene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Benzo[a]pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 21:58	
Surrogate: Nitrobenzene-d5	*48.1 %*		*30 - 130*		BE42303	05/23/2024	*05/28/2024 21:58*	
Surrogate: 2-Fluorobiphenyl	*56.1 %*		*30 - 130*		BE42303	05/23/2024	*05/28/2024 21:58*	
Surrogate: Terphenyl-d14	*91.1 %*		*30 - 130*		BE42303	05/23/2024	*05/28/2024 21:58*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B49 6-8ft

Lab ID: 24E0689-23

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.52	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	*F1
Alpha-BHC	ND	1.0	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Gamma-BHC	ND	0.52	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Heptachlor	ND	2.6	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Aldrin	ND	1.0	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Beta-BHC	ND	1.0	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Delta-BHC	ND	1.0	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Heptachlor Epoxide	ND	2.6	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Endosulfan I	ND	2.6	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
4,4-DDE	ND	0.52	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Dieldrin	ND	0.52	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Endrin	ND	2.6	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
4,4-DDD	ND	0.52	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Endosulfan II	ND	2.6	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
4,4-DDT	ND	0.52	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Endrin Aldehyde	ND	2.6	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
4,4-Methoxychlor	ND	2.6	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Endosulfan Sulfate	ND	2.6	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Endrin Ketone	ND	2.6	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Chlordane	ND	15	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Toxaphene	ND	52	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Alachlor	ND	26	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 12:58	
Surrogate: TCMX [1C]	*104 %*	*30 - 150*			BE42409	05/24/2024	*05/30/2024 12:58*	
Surrogate: DCB [1C]	*135 %*	*30 - 150*			BE42409	05/24/2024	*05/30/2024 12:58*	
Surrogate: TCMX [2C]	*107 %*	*30 - 150*			BE42409	05/24/2024	*05/30/2024 12:58*	
Surrogate: DCB [2C]	*131 %*	*30 - 150*			BE42409	05/24/2024	*05/30/2024 12:58*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
2-Methyl Naphthalene	ND	210	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Acenaphthylene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B49 6-8ft

Lab ID: 24E0689-23

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Acenaphthene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Fluorene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Phenanthrene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Anthracene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Fluoranthene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Pyrene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Benzo[a]anthracene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Chrysene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Benzo[b]fluoranthene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Benzo[k]fluoranthene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Benzo[a]pyrene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Indeno[1,2,3-cd]pyrene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Dibenz[a,h]anthracene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Benzo[g,h,i]perylene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:21	
Surrogate: Nitrobenzene-d5	*43.2 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 22:21*	
Surrogate: 2-Fluorobiphenyl	*50.0 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 22:21*	
Surrogate: Terphenyl-d14	*78.0 %*	*30 - 130*			BE42303	05/23/2024	*05/28/2024 22:21*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B50 0-2ft

Lab ID: 24E0689-24

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.59	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	*F1
Alpha-BHC	ND	1.2	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Gamma-BHC	ND	0.59	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Heptachlor	ND	3.0	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Aldrin	ND	1.2	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Beta-BHC	ND	1.2	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Delta-BHC	ND	1.2	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Heptachlor Epoxide	ND	3.0	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Endosulfan I	ND	3.0	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
4,4-DDE	**77**	0.59	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Dieldrin	ND	0.59	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Endrin	ND	3.0	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
4,4-DDD	ND	0.59	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Endosulfan II	ND	3.0	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
4,4-DDT	**62**	0.59	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Endrin Aldehyde	ND	3.0	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
4,4-Methoxychlor	ND	3.0	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Endosulfan Sulfate	ND	3.0	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Endrin Ketone	ND	3.0	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Chlordane	**150**	18	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Toxaphene	ND	59	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Alachlor	ND	30	1	EPA 3545A	BE42409	05/24/2024	05/30/2024 13:10	
Surrogate: TCMX [1C]	*72.2 %*	*30 - 150*			BE42409	05/24/2024	*05/30/2024 13:10*	
Surrogate: DCB [1C]	*88.9 %*	*30 - 150*			BE42409	05/24/2024	*05/30/2024 13:10*	
Surrogate: TCMX [2C]	*71.7 %*	*30 - 150*			BE42409	05/24/2024	*05/30/2024 13:10*	
Surrogate: DCB [2C]	*83.3 %*	*30 - 150*			BE42409	05/24/2024	*05/30/2024 13:10*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B50 6-8ft

Lab ID: 24E0689-25

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
2-Methyl Naphthalene	ND	210	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Acenaphthylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Acenaphthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Fluorene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Phenanthrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Benzo[a]anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Chrysene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Benzo[a]pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 22:45	
Surrogate: Nitrobenzene-d5	*41.6 %*		*30 - 130*		BE42303	05/23/2024	*05/28/2024 22:45*	
Surrogate: 2-Fluorobiphenyl	*50.9 %*		*30 - 130*		BE42303	05/23/2024	*05/28/2024 22:45*	
Surrogate: Terphenyl-d14	*70.7 %*		*30 - 130*		BE42303	05/23/2024	*05/28/2024 22:45*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B51 6-7.5ft

Lab ID: 24E0689-26

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
2-Methyl Naphthalene	ND	210	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Acenaphthylene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Acenaphthene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Fluorene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Phenanthrene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Anthracene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Fluoranthene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Pyrene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Benzo[a]anthracene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Chrysene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Benzo[b]fluoranthene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Benzo[k]fluoranthene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Benzo[a]pyrene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Indeno[1,2,3-cd]pyrene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Dibenz[a,h]anthracene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Benzo[g,h,i]perylene	ND	100	1	EPA 3545A	BE42303	05/23/2024	05/28/2024 23:08	
Surrogate: Nitrobenzene-d5	*44.3 %*		*30 - 130*		BE42303	05/23/2024	*05/28/2024 23:08*	
Surrogate: 2-Fluorobiphenyl	*52.5 %*		*30 - 130*		BE42303	05/23/2024	*05/28/2024 23:08*	
Surrogate: Terphenyl-d14	*72.2 %*		*30 - 130*		BE42303	05/23/2024	*05/28/2024 23:08*	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

QUALITY CONTROL SECTION

Batch BE42303 - EPA 8270E

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42303-BLK1)					Prepared: 5/23/2024 Analyzed: 5/28/2024				
Phenol	ND	200							
1,3-Dichlorobenzene	ND	200							
n-Nitroso-di-n-propylamine	ND	100							
Pyridine	ND	100							
n-Nitroso-dimethylamine	ND	100							
bis(2-Chloroethyl)ether	ND	200							
Aniline	ND	100							
2-Chlorophenol	ND	200							
1,4-Dichlorobenzene	ND	200							
Benzyl Alcohol	ND	200							
1,2-Dichlorobenzene	ND	200							
bis(2-Chloroisopropyl)ether	ND	200							
Hexachloroethane	ND	200							
2-Methyl Phenol	ND	200							
3+4 Methyl Phenol	ND	200							
Naphthalene	ND	100							
2-Methyl Naphthalene	ND	200							
2-Nitrophenol	ND	200							
2,4-Dichlorophenol	ND	200							
Acenaphthylene	ND	100							
Acenaphthene	ND	100							
Hexachlorobutadiene	ND	100							
4-Chloro-3-methylphenol	ND	200							
Fluorene	ND	100							
Nitrobenzene	ND	100							
Phenanthrene	ND	100							
Anthracene	ND	100							
Isophorone	ND	200							
2,4-Dimethylphenol	ND	200							
Fluoranthene	ND	100							
bis(2-Chloroethoxy)methane	ND	200							
Pyrene	ND	100							
Benzo[a]anthracene	ND	100							
Benzoic Acid	ND	200							
1,2,4-Trichlorobenzene	ND	200							
Chrysene	ND	100							
2,6-Dichlorophenol	ND	200							
Benzo[b]fluoranthene	ND	100							
4-Chloroaniline	ND	100							
Benzo[k]fluoranthene	ND	100							
Benzo[a]pyrene	ND	100							
Indeno[1,2,3-cd]pyrene	ND	100							
1,2,4,5-Tetrachlorobenzene	ND	50							
Dibenz[a,h]anthracene	ND	100							
2-Methyl Naphthalene	ND	200							
Benzo[g,h,i]perylene	ND	100							
Acenaphthylene	ND	100							
Acenaphthene	ND	100							
Dibenzofuran	ND	100							

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42303-BLK1) - Continued					Prepared: 5/23/2024 Analyzed: 5/28/2024				
Fluorene	ND	100							
Hexachlorocyclopentadiene	ND	200							
2,4,6-Trichlorophenol	ND	100							
2,4,5-Trichlorophenol	ND	100							
2,4-Dinitrophenol	ND	200							
4-Nitrophenol	ND	200							
2-Chloronaphthalene	ND	200							
2-Nitroaniline	ND	200							
Dimethylphthalate	ND	200							
2,6-Dinitrotoluene	ND	100							
4-Nitroaniline	ND	200							
2,4-Dinitrotoluene	ND	100							
2,3,4,6-Tetrachlorophenol	ND	200							
4-Chlorophenyl-phenylether	ND	200							
Diethylphthalate	ND	200							
Phenanthrene	ND	100							
Anthracene	ND	100							
Carbazole	ND	100							
Fluoranthene	ND	100							
Pyrene	ND	100							
n-Nitrosodiphenylamine	ND	100							
Pentachlorophenol	ND	200							
3-Nitroaniline	ND	200							
4,6-Dinitro-2-methylphenol	ND	200							
1,2-Diphenylhydrazine	ND	100							
4-Bromophenyl-phenylether	ND	200							
Hexachlorobenzene	ND	200							
Di-n-butylphthalate	ND	200							
Pentachloronitrobenzene	ND	100							
Benzo[a]anthracene	ND	100							
Chrysene	ND	100							
Butylbenzylphthalate	ND	200							
3,3-Dichlorobenzidine	ND	100							
bis(2-Ethylhexyl)phthalate	ND	200							
Di-n-octylphthalate	ND	200							
Benzo[b]fluoranthene	ND	100							
Benzo[k]fluoranthene	ND	100							
Benzo[a]pyrene	ND	100							
Indeno[1,2,3-cd]pyrene	ND	100							
Dibenz[a,h]anthracene	ND	100							
Acetophenone	ND	300							
Benzo[g,h,i]perylene	ND	100							
Surrogate: Nitrobenzene-d5					*53.6*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*61.2*	*30 - 130*			
Surrogate: Terphenyl-d14					*77.2*	*30 - 130*			
Surrogate: 2-Fluorophenol					*53.0*	*30 - 130*			
Surrogate: Phenol-d6					*57.0*	*30 - 130*			
Surrogate: Nitrobenzene-d5					*53.6*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*61.2*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*78.9*	*30 - 130*			
Surrogate: Terphenyl-d14					*77.2*	*30 - 130*			
LCS (BE42303-BS1)					Prepared: 5/23/2024 Analyzed: 5/29/2024				

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE42303-BS1) - Continued					Prepared: 5/23/2024 Analyzed: 5/29/2024				
Phenol	1990	200	4,000.000		49.8	30 - 130			
1,3-Dichlorobenzene	1510	200	4,000.000		**37.7**	40 - 140			**L**
n-Nitroso-di-n-propylamine	1790	100	4,000.000		44.9	40 - 140			
Pyridine	1020	100	4,000.000		**25.4**	40 - 140			**L**
n-Nitroso-dimethylamine	1710	100	4,000.000		42.9	40 - 140			
bis(2-Chloroethyl)ether	1780	200	4,000.000		44.5	40 - 140			
Aniline	1710	100	4,000.000		42.6	40 - 140			
2-Chlorophenol	1960	200	4,000.000		49.0	30 - 130			
1,4-Dichlorobenzene	1540	200	4,000.000		**38.5**	40 - 140			**L**
Benzyl Alcohol	1640	200	4,000.000		41.0	30 - 130			
1,2-Dichlorobenzene	1650	200	4,000.000		41.3	40 - 140			
bis(2-Chloroisopropyl)ether	1650	200	4,000.000		41.1	40 - 140			
Hexachloroethane	1490	200	4,000.000		**37.1**	40 - 140			**L**
2-Methyl Phenol	2080	200	4,000.000		51.9	30 - 130			
3+4 Methyl Phenol	2140	200	4,000.000		53.4	30 - 130			
Naphthalene	1840	100	4,000.000		46.1	40 - 140			
2-Methyl Naphthalene	2070	200	4,000.000		51.7	40 - 140			
2-Nitrophenol	2310	200	4,000.000		57.7	30 - 130			
2,4-Dichlorophenol	2190	200	4,000.000		54.8	30 - 130			
Acenaphthylene	2180	100	4,000.000		54.5	40 - 140			
Acenaphthene	2310	100	4,000.000		57.8	40 - 140			
Hexachlorobutadiene	1860	100	4,000.000		46.5	40 - 140			
4-Chloro-3-methylphenol	2350	200	4,000.000		58.7	30 - 130			
Fluorene	2520	100	4,000.000		63.0	40 - 140			
Nitrobenzene	1900	100	4,000.000		47.4	40 - 140			
Phenanthrene	2630	100	4,000.000		65.7	40 - 140			
Anthracene	2630	100	4,000.000		65.7	40 - 140			
Isophorone	1970	200	4,000.000		49.3	40 - 140			
2,4-Dimethylphenol	1680	200	4,000.000		42.0	30 - 130			
Fluoranthene	2930	100	4,000.000		73.1	40 - 140			
bis(2-Chloroethoxy)methane	1970	200	4,000.000		49.2	40 - 140			
Pyrene	2930	100	4,000.000		73.3	40 - 140			
Benzo[a]anthracene	2600	100	4,000.000		65.1	40 - 140			
Benzoic Acid	1740	200	4,000.000		43.6	30 - 130			
1,2,4-Trichlorobenzene	1830	200	4,000.000		45.8	40 - 140			
Chrysene	2730	100	4,000.000		68.3	40 - 140			
2,6-Dichlorophenol	2220	200	4,000.000		55.6	30 - 130			
Benzo[b]fluoranthene	2510	100	4,000.000		62.8	40 - 140			
4-Chloroaniline	2320	100	4,000.000		58.0	40 - 140			
Benzo[k]fluoranthene	3100	100	4,000.000		77.5	40 - 140			
Benzo[a]pyrene	2750	100	4,000.000		68.9	40 - 140			
Indeno[1,2,3-cd]pyrene	2660	100	4,000.000		66.6	40 - 140			
1,2,4,5-Tetrachlorobenzene	2090	50	4,000.000		52.3	40 - 140			
Dibenz[a,h]anthracene	2840	100	4,000.000		70.9	40 - 140			
2-Methyl Naphthalene	2070	200	4,000.000		51.7	40 - 140			
Benzo[g,h,i]perylene	2270	100	4,000.000		56.8	40 - 140			
Acenaphthylene	2180	100	4,000.000		54.5	40 - 140			
Acenaphthene	2310	100	4,000.000		57.8	40 - 140			
Dibenzofuran	2410	100	4,000.000		60.2	40 - 140			
Fluorene	2520	100	4,000.000		63.0	40 - 140			
Hexachlorocyclopentadiene	1720	200	4,000.000		43.1	40 - 140			
2,4,6-Trichlorophenol	2370	100	4,000.000		59.3	30 - 130			
2,4,5-Trichlorophenol	2490	100	4,000.000		62.3	30 - 130			

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE42303-BS1) - Continued					Prepared: 5/23/2024 Analyzed: 5/29/2024				
2,4-Dinitrophenol	2900	200	4,000.000		72.5	30 - 130			
4-Nitrophenol	3160	200	4,000.000		78.9	30 - 130			
2-Chloronaphthalene	2340	200	4,000.000		58.5	40 - 140			
2-Nitroaniline	3180	200	4,000.000		79.5	40 - 140			
Dimethylphthalate	2470	200	4,000.000		61.8	40 - 140			
2,6-Dinitrotoluene	3280	100	4,000.000		82.1	40 - 140			
4-Nitroaniline	3040	200	4,000.000		76.0	40 - 140			
2,4-Dinitrotoluene	3140	100	4,000.000		78.4	40 - 140			
2,3,4,6-Tetrachlorophenol	2810	200	4,000.000		70.3	30 - 130			
4-Chlorophenyl-phenylether	2420	200	4,000.000		60.4	40 - 140			
Diethylphthalate	2600	200	4,000.000		64.9	40 - 140			
Phenanthrene	2630	100	4,000.000		65.7	40 - 140			
Anthracene	2630	100	4,000.000		65.7	40 - 140			
Carbazole	2470	100	4,000.000		61.8	40 - 140			
Fluoranthene	2930	100	4,000.000		73.1	40 - 140			
Pyrene	2930	100	4,000.000		73.3	40 - 140			
n-Nitrosodiphenylamine	2580	100	4,000.000		64.6	40 - 140			
Pentachlorophenol	2670	200	4,000.000		66.8	30 - 130			
3-Nitroaniline	3470	200	4,000.000		86.8	40 - 140			
4,6-Dinitro-2-methylphenol	3610	200	4,000.000		90.3	30 - 130			
1,2-Diphenylhydrazine	2340	100	4,000.000		58.5	40 - 140			
4-Bromophenyl-phenylether	2590	200	4,000.000		64.7	40 - 140			
Hexachlorobenzene	2650	200	4,000.000		66.4	40 - 140			
Di-n-butylphthalate	2790	200	4,000.000		69.6	40 - 140			
Pentachloronitrobenzene	2960	100	4,000.000		74.1	40 - 140			
Benzo[a]anthracene	2600	100	4,000.000		65.1	40 - 140			
Chrysene	2730	100	4,000.000		68.3	40 - 140			
Butylbenzylphthalate	2320	200	4,000.000		58.1	40 - 140			
3,3-Dichlorobenzidine	1520	100	4,000.000		**37.9**	40 - 140			**L**
bis(2-Ethylhexyl)phthalate	2400	200	4,000.000		60.0	40 - 140			
Di-n-octylphthalate	2640	200	4,000.000		66.0	40 - 140			
Benzo[b]fluoranthene	2510	100	4,000.000		62.8	40 - 140			
Benzo[k]fluoranthene	3100	100	4,000.000		77.5	40 - 140			
Benzo[a]pyrene	2750	100	4,000.000		68.9	40 - 140			
Indeno[1,2,3-cd]pyrene	2660	100	4,000.000		66.6	40 - 140			
Dibenz[a,h]anthracene	2840	100	4,000.000		70.9	40 - 140			
Acetophenone	1970	300	4,000.000		49.1	30 - 130			
Benzo[g,h,i]perylene	2270	100	4,000.000		56.8	40 - 140			
Surrogate: Nitrobenzene-d5					*47.5*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*57.5*	*30 - 130*			
Surrogate: Terphenyl-d14					*70.0*	*30 - 130*			
Surrogate: 2-Fluorophenol					*47.1*	*30 - 130*			
Surrogate: Phenol-d6					*53.7*	*30 - 130*			
Surrogate: Nitrobenzene-d5					*47.5*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*57.5*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*92.6*	*30 - 130*			
Surrogate: Terphenyl-d14					*70.0*	*30 - 130*			
LCS Dup (BE42303-BSD1)					Prepared: 5/23/2024 Analyzed: 5/28/2024				
Phenol	1980	200	4,000.000		49.6	30 - 130	0.383	30	
1,3-Dichlorobenzene	1530	200	4,000.000		38.3	40 - 140	1.50	30	**L**
n-Nitroso-di-n-propylamine	1900	100	4,000.000		47.6	40 - 140	5.94	30	
Pyridine	1070	100	4,000.000		26.6	40 - 140	4.85	30	**L**

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BE42303-BSD1) - Continued					Prepared: 5/23/2024 Analyzed: 5/28/2024				
n-Nitroso-dimethylamine	1790	100	4,000.000		44.7	40 - 140	4.24	30	
bis(2-Chloroethyl)ether	1840	200	4,000.000		46.1	40 - 140	3.45	30	
Aniline	1720	100	4,000.000		43.0	40 - 140	0.897	30	
2-Chlorophenol	1990	200	4,000.000		49.7	30 - 130	1.39	30	
1,4-Dichlorobenzene	1540	200	4,000.000		38.6	40 - 140	0.258	30	**L**
Benzyl Alcohol	1730	200	4,000.000		43.3	30 - 130	5.44	30	
1,2-Dichlorobenzene	1640	200	4,000.000		41.0	40 - 140	0.780	30	
bis(2-Chloroisopropyl)ether	1740	200	4,000.000		43.4	40 - 140	5.35	30	
Hexachloroethane	1620	200	4,000.000		40.5	40 - 140	8.66	30	
2-Methyl Phenol	2060	200	4,000.000		51.6	30 - 130	0.654	30	
3+4 Methyl Phenol	2130	200	4,000.000		53.4	30 - 130	0.104	30	
Naphthalene	1860	100	4,000.000		46.4	40 - 140	0.545	30	
2-Methyl Naphthalene	2070	200	4,000.000		51.8	40 - 140	0.129	30	
2-Nitrophenol	2370	200	4,000.000		59.3	30 - 130	2.80	30	
2,4-Dichlorophenol	2210	200	4,000.000		55.3	30 - 130	0.829	30	
Acenaphthylene	2220	100	4,000.000		55.4	40 - 140	1.70	30	
Acenaphthene	2310	100	4,000.000		57.7	40 - 140	0.244	30	
Hexachlorobutadiene	1840	100	4,000.000		45.9	40 - 140	1.35	30	
4-Chloro-3-methylphenol	2380	200	4,000.000		59.5	30 - 130	1.32	30	
Fluorene	2560	100	4,000.000		63.9	40 - 140	1.49	30	
Nitrobenzene	1970	100	4,000.000		49.4	40 - 140	4.07	30	
Phenanthrene	2630	100	4,000.000		65.7	40 - 140	0.107	30	
Anthracene	2640	100	4,000.000		65.9	40 - 140	0.244	30	
Isophorone	2070	200	4,000.000		51.8	40 - 140	5.03	30	
2,4-Dimethylphenol	1680	200	4,000.000		41.9	30 - 130	0.311	30	
Fluoranthene	3000	100	4,000.000		74.9	40 - 140	2.41	30	
bis(2-Chloroethoxy)methane	2100	200	4,000.000		52.6	40 - 140	6.79	30	
Pyrene	2960	100	4,000.000		74.1	40 - 140	1.03	30	
Benzo[a]anthracene	2600	100	4,000.000		65.0	40 - 140	0.123	30	
Benzoic Acid	1620	200	4,000.000		40.4	30 - 130	7.57	30	
1,2,4-Trichlorobenzene	1870	200	4,000.000		46.7	40 - 140	2.01	30	
Chrysene	2700	100	4,000.000		67.4	40 - 140	1.20	30	
2,6-Dichlorophenol	2160	200	4,000.000		54.1	30 - 130	2.71	30	
Benzo[b]fluoranthene	2810	100	4,000.000		70.4	40 - 140	11.4	30	
4-Chloroaniline	2350	100	4,000.000		58.7	40 - 140	1.14	30	
Benzo[k]fluoranthene	2950	100	4,000.000		73.6	40 - 140	5.05	30	
Benzo[a]pyrene	2770	100	4,000.000		69.3	40 - 140	0.603	30	
Indeno[1,2,3-cd]pyrene	2590	100	4,000.000		64.7	40 - 140	2.82	30	
1,2,4,5-Tetrachlorobenzene	2130	50	4,000.000		53.4	40 - 140	2.03	30	
Dibenz[a,h]anthracene	2670	100	4,000.000		66.7	40 - 140	6.13	30	
2-Methyl Naphthalene	2070	200	4,000.000		51.8	40 - 140	0.129	30	
Benzo[g,h,i]perylene	2630	100	4,000.000		65.6	40 - 140	14.4	30	
Acenaphthylene	2220	100	4,000.000		55.4	40 - 140	1.70	30	
Acenaphthene	2310	100	4,000.000		57.7	40 - 140	0.244	30	
Dibenzofuran	2420	100	4,000.000		60.4	40 - 140	0.428	30	
Fluorene	2560	100	4,000.000		63.9	40 - 140	1.49	30	
Hexachlorocyclopentadiene	1800	200	4,000.000		44.9	40 - 140	4.25	30	
2,4,6-Trichlorophenol	2360	100	4,000.000		58.9	30 - 130	0.617	30	
2,4,5-Trichlorophenol	2460	100	4,000.000		61.4	30 - 130	1.48	30	
2,4-Dinitrophenol	2920	200	4,000.000		73.0	30 - 130	0.697	30	
4-Nitrophenol	2890	200	4,000.000		72.3	30 - 130	8.84	30	
2-Chloronaphthalene	2340	200	4,000.000		58.6	40 - 140	0.152	30	
2-Nitroaniline	3160	200	4,000.000		79.1	40 - 140	0.543	30	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BE42303-BSD1) - Continued					Prepared: 5/23/2024 Analyzed: 5/28/2024				
Dimethylphthalate	2560	200	4,000.000		64.0	40 - 140	3.46	30	
2,6-Dinitrotoluene	3340	100	4,000.000		83.4	40 - 140	1.58	30	
4-Nitroaniline	3120	200	4,000.000		78.1	40 - 140	2.73	30	
2,4-Dinitrotoluene	3240	100	4,000.000		81.0	40 - 140	3.31	30	
2,3,4,6-Tetrachlorophenol	2890	200	4,000.000		72.2	30 - 130	2.75	30	
4-Chlorophenyl-phenylether	2500	200	4,000.000		62.5	40 - 140	3.38	30	
Diethylphthalate	2710	200	4,000.000		67.8	40 - 140	4.35	30	
Phenanthrene	2630	100	4,000.000		65.7	40 - 140	0.107	30	
Anthracene	2640	100	4,000.000		65.9	40 - 140	0.244	30	
Carbazole	2380	100	4,000.000		59.4	40 - 140	3.93	30	
Fluoranthene	3000	100	4,000.000		74.9	40 - 140	2.41	30	
Pyrene	2960	100	4,000.000		74.1	40 - 140	1.03	30	
n-Nitrosodiphenylamine	2630	100	4,000.000		65.7	40 - 140	1.70	30	
Pentachlorophenol	2550	200	4,000.000		63.8	30 - 130	4.49	30	
3-Nitroaniline	3400	200	4,000.000		85.0	40 - 140	2.10	30	
4,6-Dinitro-2-methylphenol	3500	200	4,000.000		87.6	30 - 130	3.06	30	
1,2-Diphenylhydrazine	2450	100	4,000.000		61.4	40 - 140	4.77	30	
4-Bromophenyl-phenylether	2650	200	4,000.000		66.3	40 - 140	2.40	30	
Hexachlorobenzene	2660	200	4,000.000		66.5	40 - 140	0.174	30	
Di-n-butylphthalate	3000	200	4,000.000		75.0	40 - 140	7.41	30	
Pentachloronitrobenzene	2850	100	4,000.000		71.3	40 - 140	3.84	30	
Benzo[a]anthracene	2600	100	4,000.000		65.0	40 - 140	0.123	30	
Chrysene	2700	100	4,000.000		67.4	40 - 140	1.20	30	
Butylbenzylphthalate	2540	200	4,000.000		63.6	40 - 140	9.12	30	
3,3-Dichlorobenzidine	1480	100	4,000.000		36.9	40 - 140	2.78	30	**L**
bis(2-Ethylhexyl)phthalate	2650	200	4,000.000		66.2	40 - 140	9.86	30	
Di-n-octylphthalate	2840	200	4,000.000		70.9	40 - 140	7.15	30	
Benzo[b]fluoranthene	2810	100	4,000.000		70.4	40 - 140	11.4	30	
Benzo[k]fluoranthene	2950	100	4,000.000		73.6	40 - 140	5.05	30	
Benzo[a]pyrene	2770	100	4,000.000		69.3	40 - 140	0.603	30	
Indeno[1,2,3-cd]pyrene	2590	100	4,000.000		64.7	40 - 140	2.82	30	
Dibenz[a,h]anthracene	2670	100	4,000.000		66.7	40 - 140	6.13	30	
Acetophenone	1990	300	4,000.000		49.7	30 - 130	1.23	30	
Benzo[g,h,i]perylene	2630	100	4,000.000		65.6	40 - 140	14.4	30	
Surrogate: Nitrobenzene-d5					*48.9*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*58.5*	*30 - 130*			
Surrogate: Terphenyl-d14					*69.9*	*30 - 130*			
Surrogate: 2-Fluorophenol					*47.3*	*30 - 130*			
Surrogate: Phenol-d6					*55.1*	*30 - 130*			
Surrogate: Nitrobenzene-d5					*48.9*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*58.5*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*87.3*	*30 - 130*			
Surrogate: Terphenyl-d14					*69.9*	*30 - 130*			

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE42312 - EPA 7471B

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42312-BLK1)					Prepared: 5/23/2024 Analyzed: 5/23/2024				
Mercury	ND	0.13							
LCS (BE42312-BS1)					Prepared: 5/23/2024 Analyzed: 5/23/2024				
Mercury	1.29	0.13	1.250		103	80 - 120			
LCS Dup (BE42312-BSD1)					Prepared: 5/23/2024 Analyzed: 5/23/2024				
Mercury	1.32	0.13	1.250		106	80 - 120	2.22	20	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE42317 - EPA 6010D

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42317-BLK1)					Prepared: 5/23/2024 Analyzed: 5/28/2024				
Lead	ND	2.0							
Selenium	ND	2.5							
Cadmium	ND	0.50							
Chromium	ND	2.0							
Arsenic	ND	1.0							
Barium	ND	2.0							
Silver	ND	2.0							
Copper	ND	2.0							
Nickel	ND	2.0							
Zinc	ND	2.0							
LCS (BE42317-BS1)					Prepared: 5/23/2024 Analyzed: 5/28/2024				
Lead	254	2.0	261.000		97.2	78 - 114			
Selenium	116	2.5	117.000		99.3	83 - 127			
Cadmium	193	0.50	199.000		97.1	84 - 119			
Chromium	205	2.0	210.000		97.8	80 - 117			
Arsenic	180	1.0	180.000		99.7	87 - 127			
Barium	410	2.0	431.000		95.1	81 - 114			
Silver	66.1	2.0	65.500		101	83 - 127			
Copper	209	2.0	229.000		91.4	79 - 110			
Nickel	108	2.0	108.000		100	79 - 114			
Zinc	257	2.0	264.000		97.2	82 - 121			
LCS Dup (BE42317-BSD1)					Prepared: 5/23/2024 Analyzed: 5/28/2024				
Lead	248	2.0	261.000		95.0	78 - 114	2.31	30	
Selenium	114	2.5	117.000		97.4	83 - 127	2.00	30	
Cadmium	189	0.50	199.000		95.1	84 - 119	2.09	30	
Chromium	200	2.0	210.000		95.0	80 - 117	2.82	30	
Arsenic	176	1.0	180.000		97.5	87 - 127	2.25	30	
Barium	435	2.0	431.000		101	81 - 114	5.87	30	
Silver	64.1	2.0	65.500		97.9	83 - 127	3.13	30	
Copper	204	2.0	229.000		89.0	79 - 110	2.71	30	
Nickel	105	2.0	108.000		97.2	79 - 114	3.00	30	
Zinc	251	2.0	264.000		94.9	82 - 121	2.44	30	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE42338 - EPA 8260D

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42338-BLK1)					Prepared: 5/23/2024 Analyzed: 5/23/2024				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
t-Butanol	ND	20							
Methylene Chloride	ND	30							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
Di-isopropyl ether	ND	5.0							
1,1-Dichloroethane	ND	2.5							
t-Butyl ethyl ether	ND	5.0							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Bromochloromethane	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
tert-Amyl methyl ether (TAME)	ND	5.0							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	5.0							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42338-BLK1) - Continued					Prepared: 5/23/2024 Analyzed: 5/23/2024				
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							
n-Propylbenzene	ND	2.5							
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	5.0							
1,2,3-Trichlorobenzene	ND	5.0							
Ethyl Ether	ND	25							
Surrogate: 1,2-Dichloroethane-d4					*103*	*70 - 130*			
Surrogate: Toluene-d8					*98.5*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*98.2*	*70 - 130*			
LCS (BE42338-BS1)					Prepared: 5/23/2024 Analyzed: 5/23/2024				
Dichlorodifluoromethane	43.3	7.5	50.000		86.6	70 - 130			
Chloromethane	52.3	5.0	50.000		105	70 - 130			
Vinyl Chloride	52.9	2.5	50.000		106	70 - 130			
Bromomethane	54.9	5.0	50.000		110	70 - 130			
Chloroethane	45.0	5.0	50.000		90.0	70 - 130			
Trichlorofluoromethane	48.4	20	50.000		96.7	70 - 130			
Acetone	116	75	100.000		116	70 - 130			
Acrylonitrile	55.9	4.0	50.000		112	70 - 130			
Trichlorotrifluoroethane	66.5	20	50.000		**133**	70 - 130			**H**
1,1-Dichloroethene	66.2	2.5	50.000		**132**	70 - 130			**H**
t-Butanol	514	20	500.000		103	70 - 130			
Methylene Chloride	39.9	30	50.000		79.7	70 - 130			
Carbon Disulfide	64.3	5.0	50.000		129	70 - 130			
Methyl-t-Butyl Ether (MTBE)	56.5	2.5	50.000		113	70 - 130			
trans-1,2-Dichloroethene	61.1	2.5	50.000		122	70 - 130			
Di-isopropyl ether	58.1	5.0	50.000		116	70 - 130			
1,1-Dichloroethane	60.2	2.5	50.000		120	70 - 130			
t-Butyl ethyl ether	57.5	5.0	50.000		115	70 - 130			
2-Butanone (MEK)	121	13	100.000		121	70 - 130			
2,2-Dichloropropane	62.2	2.5	50.000		124	70 - 130			
cis-1,2-Dichloroethene	58.7	2.5	50.000		117	70 - 130			
Bromochloromethane	58.6	2.5	50.000		117	70 - 130			
Chloroform	50.6	2.5	50.000		101	70 - 130			
Tetrahydrofuran	55.3	13	50.000		111	70 - 130			
1,1,1-Trichloroethane	61.2	2.5	50.000		122	70 - 130			
tert-Amyl methyl ether (TAME)	58.3	5.0	50.000		117	70 - 130			

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE42338-BS1) - Continued					Prepared: 5/23/2024 Analyzed: 5/23/2024				
Carbon Tetrachloride	57.9	2.5	50.000		116	70 - 130			
1,1-Dichloropropene	59.9	2.5	50.000		120	70 - 130			
Benzene	58.8	2.5	50.000		118	70 - 130			
1,2-Dichloroethane	57.0	2.5	50.000		114	70 - 130			
Trichloroethene	57.0	2.5	50.000		114	70 - 130			
1,2-Dichloropropane	61.6	2.5	50.000		123	70 - 130			
Dibromomethane	59.7	2.5	50.000		119	70 - 130			
Bromodichloromethane	60.3	2.5	50.000		121	70 - 130			
Methyl Isobutyl Ketone	120	13	100.000		120	70 - 130			
cis-1,3-Dichloropropene	55.7	2.5	50.000		111	70 - 130			
Toluene	57.7	2.5	50.000		115	70 - 130			
trans-1,3-Dichloropropene	62.5	2.5	50.000		125	70 - 130			
2-Hexanone	117	13	100.000		117	70 - 130			
1,1,2-Trichloroethane	57.9	2.5	50.000		116	70 - 130			
Tetrachloroethene	56.4	2.5	50.000		113	70 - 130			
1,3-Dichloropropane	58.4	2.5	50.000		117	70 - 130			
Dibromochloromethane	59.6	2.5	50.000		119	70 - 130			
1,2-Dibromoethane	57.0	2.5	50.000		114	70 - 130			
trans-1,4-Dichloro-2-Butene	59.7	13	50.000		119	70 - 130			
Chlorobenzene	59.5	2.5	50.000		119	70 - 130			
1,1,1,2-Tetrachloroethane	36.1	2.5	50.000		72.3	70 - 130			
Ethylbenzene	51.2	2.5	50.000		102	70 - 130			
m+p Xylenes	113	5.0	100.000		113	70 - 130			
o-Xylene	56.0	2.5	50.000		112	70 - 130			
Styrene	57.2	2.5	50.000		114	70 - 130			
Bromoform	59.7	2.5	50.000		119	70 - 130			
Isopropylbenzene	56.4	2.5	50.000		113	70 - 130			
1,1,2,2-Tetrachloroethane	56.0	2.5	50.000		112	70 - 130			
Bromobenzene	55.1	2.5	50.000		110	70 - 130			
1,2,3-Trichloropropane	51.9	2.5	50.000		104	70 - 130			
n-Propylbenzene	56.8	2.5	50.000		114	70 - 130			
2-Chlorotoluene	53.9	2.5	50.000		108	70 - 130			
4-Chlorotoluene	55.2	2.5	50.000		110	70 - 130			
1,3,5-Trimethylbenzene	56.5	2.5	50.000		113	70 - 130			
tert-Butylbenzene	56.0	2.5	50.000		112	70 - 130			
1,2,4-Trimethylbenzene	56.7	2.5	50.000		113	70 - 130			
sec-Butylbenzene	56.6	2.5	50.000		113	70 - 130			
1,3-Dichlorobenzene	54.0	2.5	50.000		108	70 - 130			
4-Isopropyltoluene	57.2	2.5	50.000		114	70 - 130			
1,4-Dichlorobenzene	54.2	2.5	50.000		108	70 - 130			
1,2-Dichlorobenzene	53.2	2.5	50.000		106	70 - 130			
n-Butylbenzene	57.7	2.5	50.000		115	70 - 130			
1,2-Dibromo-3-Chloropropane	54.5	2.5	50.000		109	70 - 130			
1,2,4-Trichlorobenzene	54.2	2.5	50.000		108	70 - 130			
Hexachlorobutadiene	52.8	2.5	50.000		106	70 - 130			
Naphthalene	54.5	5.0	50.000		109	70 - 130			
1,2,3-Trichlorobenzene	55.5	5.0	50.000		111	70 - 130			
Ethyl Ether	36.3	25	50.000		72.6	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*99.2*	*70 - 130*			
Surrogate: Toluene-d8					*101*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*98.3*	*70 - 130*			
LCS Dup (BE42338-BSD1)					Prepared: 5/23/2024 Analyzed: 5/23/2024				

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BE42338-BSD1) - Continued					Prepared: 5/23/2024 Analyzed: 5/23/2024				
Dichlorodifluoromethane	46.2	7.5	50.000		92.4	70 - 130	6.48	30	
Chloromethane	48.1	5.0	50.000		96.2	70 - 130	8.27	30	
Vinyl Chloride	48.9	2.5	50.000		97.7	70 - 130	7.96	30	
Bromomethane	50.4	5.0	50.000		101	70 - 130	8.52	30	
Chloroethane	43.2	5.0	50.000		86.3	70 - 130	4.15	30	
Trichlorofluoromethane	45.0	20	50.000		90.0	70 - 130	7.24	30	
Acetone	111	75	100.000		111	70 - 130	3.95	30	
Acrylonitrile	57.2	4.0	50.000		114	70 - 130	2.21	30	
Trichlorotrifluoroethane	66.3	20	50.000		133	70 - 130	0.211	30	**H**
1,1-Dichloroethene	65.4	2.5	50.000		131	70 - 130	1.17	30	**H**
t-Butanol	524	20	500.000		105	70 - 130	2.01	30	
Methylene Chloride	32.4	30	50.000		64.8	70 - 130	20.6	30	**L**
Carbon Disulfide	69.7	5.0	50.000		139	70 - 130	7.94	30	**H**
Methyl-t-Butyl Ether (MTBE)	57.7	2.5	50.000		115	70 - 130	2.05	30	
trans-1,2-Dichloroethene	60.0	2.5	50.000		120	70 - 130	1.72	30	
Di-isopropyl ether	57.3	5.0	50.000		115	70 - 130	1.27	30	
1,1-Dichloroethane	59.5	2.5	50.000		119	70 - 130	1.17	30	
t-Butyl ethyl ether	57.1	5.0	50.000		114	70 - 130	0.611	30	
2-Butanone (MEK)	118	13	100.000		118	70 - 130	2.57	30	
2,2-Dichloropropane	60.7	2.5	50.000		121	70 - 130	2.49	30	
cis-1,2-Dichloroethene	59.2	2.5	50.000		118	70 - 130	0.814	30	
Bromochloromethane	58.0	2.5	50.000		116	70 - 130	0.926	30	
Chloroform	50.7	2.5	50.000		101	70 - 130	0.296	30	
Tetrahydrofuran	52.6	13	50.000		105	70 - 130	4.97	30	
1,1,1-Trichloroethane	59.3	2.5	50.000		119	70 - 130	3.05	30	
tert-Amyl methyl ether (TAME)	56.8	5.0	50.000		114	70 - 130	2.52	30	
Carbon Tetrachloride	55.5	2.5	50.000		111	70 - 130	4.18	30	
1,1-Dichloropropene	58.2	2.5	50.000		116	70 - 130	2.88	30	
Benzene	57.6	2.5	50.000		115	70 - 130	2.13	30	
1,2-Dichloroethane	56.2	2.5	50.000		112	70 - 130	1.48	30	
Trichloroethene	55.8	2.5	50.000		112	70 - 130	2.00	30	
1,2-Dichloropropane	58.6	2.5	50.000		117	70 - 130	5.03	30	
Dibromomethane	59.2	2.5	50.000		118	70 - 130	0.791	30	
Bromodichloromethane	58.8	2.5	50.000		118	70 - 130	2.52	30	
Methyl Isobutyl Ketone	119	13	100.000		119	70 - 130	1.01	30	
cis-1,3-Dichloropropene	54.7	2.5	50.000		109	70 - 130	1.74	30	
Toluene	56.8	2.5	50.000		114	70 - 130	1.57	30	
trans-1,3-Dichloropropene	61.5	2.5	50.000		123	70 - 130	1.69	30	
2-Hexanone	117	13	100.000		117	70 - 130	0.0681	30	
1,1,2-Trichloroethane	54.7	2.5	50.000		109	70 - 130	5.72	30	
Tetrachloroethene	56.1	2.5	50.000		112	70 - 130	0.569	30	
1,3-Dichloropropane	56.9	2.5	50.000		114	70 - 130	2.62	30	
Dibromochloromethane	57.8	2.5	50.000		116	70 - 130	3.01	30	
1,2-Dibromoethane	56.7	2.5	50.000		113	70 - 130	0.633	30	
trans-1,4-Dichloro-2-Butene	56.9	13	50.000		114	70 - 130	4.82	30	
Chlorobenzene	58.1	2.5	50.000		116	70 - 130	2.31	30	
1,1,1,2-Tetrachloroethane	39.2	2.5	50.000		78.3	70 - 130	8.02	30	
Ethylbenzene	52.0	2.5	50.000		104	70 - 130	1.38	30	
m+p Xylenes	111	5.0	100.000		111	70 - 130	1.68	30	
o-Xylene	55.1	2.5	50.000		110	70 - 130	1.64	30	
Styrene	56.7	2.5	50.000		113	70 - 130	0.860	30	
Bromoform	59.0	2.5	50.000		118	70 - 130	1.28	30	
Isopropylbenzene	54.7	2.5	50.000		109	70 - 130	2.97	30	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BE42338-BSD1) - Continued					Prepared: 5/23/2024 Analyzed: 5/23/2024				
1,1,2,2-Tetrachloroethane	55.7	2.5	50.000		111	70 - 130	0.573	30	
Bromobenzene	55.8	2.5	50.000		112	70 - 130	1.21	30	
1,2,3-Trichloropropane	54.8	2.5	50.000		110	70 - 130	5.36	30	
n-Propylbenzene	56.1	2.5	50.000		112	70 - 130	1.22	30	
2-Chlorotoluene	55.2	2.5	50.000		110	70 - 130	2.26	30	
4-Chlorotoluene	55.2	2.5	50.000		110	70 - 130	0.145	30	
1,3,5-Trimethylbenzene	56.4	2.5	50.000		113	70 - 130	0.0354	30	
tert-Butylbenzene	55.7	2.5	50.000		111	70 - 130	0.484	30	
1,2,4-Trimethylbenzene	56.4	2.5	50.000		113	70 - 130	0.513	30	
sec-Butylbenzene	55.4	2.5	50.000		111	70 - 130	2.02	30	
1,3-Dichlorobenzene	54.6	2.5	50.000		109	70 - 130	1.12	30	
4-Isopropyltoluene	57.2	2.5	50.000		114	70 - 130	0.0524	30	
1,4-Dichlorobenzene	53.8	2.5	50.000		108	70 - 130	0.574	30	
1,2-Dichlorobenzene	54.1	2.5	50.000		108	70 - 130	1.71	30	
n-Butylbenzene	58.3	2.5	50.000		117	70 - 130	1.05	30	
1,2-Dibromo-3-Chloropropane	55.2	2.5	50.000		110	70 - 130	1.33	30	
1,2,4-Trichlorobenzene	53.7	2.5	50.000		107	70 - 130	1.08	30	
Hexachlorobutadiene	55.4	2.5	50.000		111	70 - 130	4.79	30	
Naphthalene	54.6	5.0	50.000		109	70 - 130	0.128	30	
1,2,3-Trichlorobenzene	54.5	5.0	50.000		109	70 - 130	1.73	30	
Ethyl Ether	37.7	25	50.000		75.4	70 - 130	3.78	30	
Surrogate: 1,2-Dichloroethane-d4					*102*	*70 - 130*			
Surrogate: Toluene-d8					*99.4*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*97.6*	*70 - 130*			

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE42407 - EPA 8081B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42407-BLK1)					Prepared: 5/24/2024 Analyzed: 5/29/2024				
Hexachlorobenzene	ND	0.50							
Alpha-BHC	ND	1.0							
Gamma-BHC	ND	0.50							
Heptachlor	ND	2.5							
Aldrin	ND	1.0							
Beta-BHC	ND	1.0							
Delta-BHC	ND	1.0							
Heptachlor Epoxide	ND	2.5							
Endosulfan I	ND	2.5							
4,4-DDE	ND	0.50							
Dieldrin	ND	0.50							
Endrin	ND	2.5							
4,4-DDD	ND	0.50							
Endosulfan II	ND	2.5							
4,4-DDT	ND	0.50							
Endrin Aldehyde	ND	2.5							
4,4-Methoxychlor	ND	2.5							
Endosulfan Sulfate	ND	2.5							
Endrin Ketone	ND	2.5							
Chlordane	ND	15							
Toxaphene	ND	50							
Alachlor	ND	25							
Surrogate: TCMX [1C]					*79.5*	*30 - 150*			
Surrogate: DCB [1C]					*85.7*	*30 - 150*			
Surrogate: TCMX [2C]					*73.9*	*30 - 150*			
Surrogate: DCB [2C]					*83.2*	*30 - 150*			
LCS (BE42407-BS1)					Prepared: 5/24/2024 Analyzed: 5/29/2024				
Hexachlorobenzene	16.5	0.50	25.000		65.9	40 - 140			
Alpha-BHC	14.7	1.0	25.000		58.7	40 - 140			
Gamma-BHC	14.7	0.50	25.000		58.8	40 - 140			
Heptachlor	14.7	2.5	25.000		58.8	40 - 140			
Aldrin	15.1	1.0	25.000		60.5	40 - 140			
Beta-BHC	15.2	1.0	25.000		60.8	40 - 140			
Delta-BHC	14.2	1.0	25.000		56.6	40 - 140			
Heptachlor Epoxide	14.6	2.5	25.000		58.3	40 - 140			
Endosulfan I	14.8	2.5	25.000		59.3	40 - 140			
4,4-DDE	14.9	0.50	25.000		59.7	40 - 140			
Dieldrin	15.7	0.50	25.000		62.9	40 - 140			
Endrin	14.4	2.5	25.000		57.8	40 - 140			
4,4-DDD	14.9	0.50	25.000		59.5	40 - 140			
Endosulfan II	16.2	2.5	25.000		65.0	40 - 140			
4,4-DDT	16.4	0.50	25.000		65.6	40 - 140			
Endrin Aldehyde	17.7	2.5	25.000		70.7	40 - 140			
4,4-Methoxychlor	21.6	2.5	25.000		86.2	40 - 140			
Endosulfan Sulfate	16.6	2.5	25.000		66.3	40 - 140			
Endrin Ketone	18.0	2.5	25.000		71.9	40 - 140			
Alachlor	38.1	25	50.000		76.1	40 - 140			
Surrogate: TCMX [1C]					*72.3*	*30 - 150*			
Surrogate: DCB [1C]					*76.5*	*30 - 150*			
Surrogate: TCMX [2C]					*72.5*	*30 - 150*			
Surrogate: DCB [2C]					*81.8*	*30 - 150*			

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE42407-BS1) - Continued					Prepared: 5/24/2024 Analyzed: 5/29/2024				
LCS Dup (BE42407-BSD1)					Prepared: 5/24/2024 Analyzed: 5/29/2024				
Hexachlorobenzene	17.1	0.50	25.000		68.6	40 - 140	3.96	20	
Alpha-BHC	15.3	1.0	25.000		61.1	40 - 140	4.00	20	
Gamma-BHC	15.3	0.50	25.000		61.2	40 - 140	4.06	20	
Heptachlor	15.3	2.5	25.000		61.2	40 - 140	4.09	20	
Aldrin	15.8	1.0	25.000		63.2	40 - 140	4.34	20	
Beta-BHC	15.2	1.0	25.000		60.9	40 - 140	0.177	20	
Delta-BHC	14.7	1.0	25.000		58.8	40 - 140	3.65	20	
Heptachlor Epoxide	15.2	2.5	25.000		60.6	40 - 140	3.93	20	
Endosulfan I	15.4	2.5	25.000		61.8	40 - 140	4.11	20	
4,4-DDE	15.1	0.50	25.000		60.3	40 - 140	0.857	20	
Dieldrin	16.3	0.50	25.000		65.3	40 - 140	3.64	20	
Endrin	14.4	2.5	25.000		57.6	40 - 140	0.256	20	
4,4-DDD	15.1	0.50	25.000		60.2	40 - 140	1.25	20	
Endosulfan II	15.7	2.5	25.000		62.7	40 - 140	3.55	20	
4,4-DDT	15.1	0.50	25.000		60.5	40 - 140	8.20	20	
Endrin Aldehyde	18.6	2.5	25.000		74.5	40 - 140	5.36	20	
4,4-Methoxychlor	19.6	2.5	25.000		78.2	40 - 140	9.73	20	
Endosulfan Sulfate	16.2	2.5	25.000		64.8	40 - 140	2.22	20	
Endrin Ketone	17.9	2.5	25.000		71.8	40 - 140	0.203	20	
Alachlor	40.4	25	50.000		80.8	40 - 140	5.94	20	
Surrogate: TCMX [1C]					*75.1*	*30 - 150*			
Surrogate: DCB [1C]					*76.6*	*30 - 150*			
Surrogate: TCMX [2C]					*74.7*	*30 - 150*			
Surrogate: DCB [2C]					*77.2*	*30 - 150*			

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE42409 - EPA 8081B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42409-BLK1)					Prepared: 5/24/2024 Analyzed: 5/30/2024				
Hexachlorobenzene	ND	0.50							
Alpha-BHC	ND	1.0							
Gamma-BHC	ND	0.50							
Heptachlor	ND	2.5							
Aldrin	ND	1.0							
Beta-BHC	ND	1.0							
Delta-BHC	ND	1.0							
Heptachlor Epoxide	ND	2.5							
Endosulfan I	ND	2.5							
4,4-DDE	ND	0.50							
Dieldrin	ND	0.50							
Endrin	ND	2.5							
4,4-DDD	ND	0.50							
Endosulfan II	ND	2.5							
4,4-DDT	ND	0.50							
Endrin Aldehyde	ND	2.5							
4,4-Methoxychlor	ND	2.5							
Endosulfan Sulfate	ND	2.5							
Endrin Ketone	ND	2.5							
Chlordane	ND	15							
Toxaphene	ND	50							
Alachlor	ND	25							
Surrogate: TCMX [1C]					*91.3*	*30 - 150*			
Surrogate: DCB [1C]					*97.0*	*30 - 150*			
Surrogate: TCMX [2C]					*82.7*	*30 - 150*			
Surrogate: DCB [2C]					*96.9*	*30 - 150*			
LCS (BE42409-BS1)					Prepared: 5/24/2024 Analyzed: 5/30/2024				
Hexachlorobenzene	20.7	0.50				40 - 140			**L**
Alpha-BHC	19.2	1.0	25.000		76.8	40 - 140			
Gamma-BHC	19.4	0.50	25.000		77.7	40 - 140			
Heptachlor	19.4	2.5	25.000		77.6	40 - 140			
Aldrin	20.5	1.0	25.000		81.9	40 - 140			
Beta-BHC	18.8	1.0	25.000		75.1	40 - 140			
Delta-BHC	19.2	1.0	25.000		76.7	40 - 140			
Heptachlor Epoxide	19.7	2.5	25.000		78.7	40 - 140			
Endosulfan I	20.4	2.5	25.000		81.4	40 - 140			
4,4-DDE	20.9	0.50	25.000		83.5	40 - 140			
Dieldrin	22.0	0.50	25.000		88.1	40 - 140			
Endrin	19.3	2.5	25.000		77.3	40 - 140			
4,4-DDD	21.4	0.50	25.000		85.4	40 - 140			
Endosulfan II	21.3	2.5	25.000		85.0	40 - 140			
4,4-DDT	20.6	0.50	25.000		82.6	40 - 140			
Endrin Aldehyde	23.6	2.5	25.000		94.5	40 - 140			
4,4-Methoxychlor	25.1	2.5	25.000		100	40 - 140			
Endosulfan Sulfate	22.3	2.5	25.000		89.3	40 - 140			
Endrin Ketone	24.0	2.5	25.000		96.2	40 - 140			
Alachlor	48.2	25	50.000		96.4	40 - 140			
Surrogate: TCMX [1C]					*91.3*	*30 - 150*			
Surrogate: DCB [1C]					*101*	*30 - 150*			
Surrogate: TCMX [2C]					*88.8*	*30 - 150*			
Surrogate: DCB [2C]					*101*	*30 - 150*			

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE42409-BS1) - Continued					Prepared: 5/24/2024 Analyzed: 5/30/2024				
LCS Dup (BE42409-BSD1)					Prepared: 5/24/2024 Analyzed: 5/30/2024				
Hexachlorobenzene	20.9	0.50				40 - 140	1.20	20	**L**
Alpha-BHC	19.8	1.0	25.000		79.0	40 - 140	2.85	20	
Gamma-BHC	20.0	0.50	25.000		80.1	40 - 140	3.04	20	
Heptachlor	20.0	2.5	25.000		80.1	40 - 140	3.16	20	
Aldrin	21.3	1.0	25.000		85.2	40 - 140	4.05	20	
Beta-BHC	19.6	1.0	25.000		78.2	40 - 140	4.14	20	
Delta-BHC	19.8	1.0	25.000		79.0	40 - 140	2.98	20	
Heptachlor Epoxide	20.4	2.5	25.000		81.4	40 - 140	3.39	20	
Endosulfan I	20.9	2.5	25.000		83.8	40 - 140	2.86	20	
4,4-DDE	21.4	0.50	25.000		85.7	40 - 140	2.63	20	
Dieldrin	22.6	0.50	25.000		90.4	40 - 140	2.63	20	
Endrin	19.4	2.5	25.000		77.5	40 - 140	0.171	20	
4,4-DDD	21.9	0.50	25.000		87.5	40 - 140	2.40	20	
Endosulfan II	21.3	2.5	25.000		85.3	40 - 140	0.247	20	
4,4-DDT	20.3	0.50	25.000		81.1	40 - 140	1.78	20	
Endrin Aldehyde	23.6	2.5	25.000		94.3	40 - 140	0.201	20	
4,4-Methoxychlor	23.0	2.5	25.000		92.0	40 - 140	8.58	20	
Endosulfan Sulfate	22.1	2.5	25.000		88.3	40 - 140	1.09	20	
Endrin Ketone	23.7	2.5	25.000		94.8	40 - 140	1.44	20	
Alachlor	47.8	25	50.000		95.7	40 - 140	0.734	20	
Surrogate: TCMX [1C]					*93.7*	*30 - 150*			
Surrogate: DCB [1C]					*101*	*30 - 150*			
Surrogate: TCMX [2C]					*91.1*	*30 - 150*			
Surrogate: DCB [2C]					*103*	*30 - 150*			

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE42413 - EPA 6010D

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42413-BLK1)					Prepared: 5/24/2024 Analyzed: 5/28/2024				
Lead	ND	2.0							
Arsenic	ND	1.0							
LCS (BE42413-BS1)					Prepared: 5/24/2024 Analyzed: 5/28/2024				
Lead	260	2.0	261.000		99.5	78 - 114			
Arsenic	182	1.0	180.000		101	87 - 127			
LCS Dup (BE42413-BSD1)					Prepared: 5/24/2024 Analyzed: 5/29/2024				
Lead	246	2.0	261.000		94.4	78 - 114	5.29	30	
Arsenic	170	1.0	180.000		94.3	87 - 127	7.21	30	
Duplicate (BE42413-DUP1)		**Source: 24E0689-23**			Prepared: 5/24/2024 Analyzed: 5/28/2024				
Lead	3.71	2.0		3.30			11.8	35	
Arsenic	ND	1.0		ND				35	
Matrix Spike (BE42413-MS1)		**Source: 24E0689-23**			Prepared: 5/24/2024 Analyzed: 5/28/2024				
Lead	26.6	2.0	24.506	3.30	95.0	75 - 125			
Arsenic	27.8	0.98	24.506	ND	113	75 - 125			
Matrix Spike Dup (BE42413-MSD1)		**Source: 24E0689-23**			Prepared: 5/24/2024 Analyzed: 5/28/2024				
Lead	26.4	2.0	24.461	3.30	94.4	75 - 125	0.671	35	
Arsenic	23.8	0.98	24.461	ND	97.3	75 - 125	15.4	35	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE42426 - SM 2540 G

Analyte	Result (%)	RL (%)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Duplicate (BE42426-DUP1)		**Source: 24E0689-20**			Prepared: 5/24/2024 Analyzed: 5/28/2024				
Percent Solids	86	1.0		86			0.345	5	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE42439 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42439-BLK1)					Prepared: 5/24/2024 Analyzed: 5/24/2024				
ETPH	ND	50							
Surrogate: Octacosane					*115*	*50 - 150*			
LCS (BE42439-BS1)					Prepared: 5/24/2024 Analyzed: 5/24/2024				
ETPH	1420	50	1,500.000		94.4	60 - 120			
Surrogate: Octacosane					*109*	*50 - 150*			
LCS Dup (BE42439-BSD1)					Prepared: 5/24/2024 Analyzed: 5/24/2024				
ETPH	1520	50	1,500.000		101	60 - 120	7.14	30	
Surrogate: Octacosane					*111*	*50 - 150*			

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE42815 - EPA 6020B

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42815-BLK1)					Prepared: 5/24/2024 Analyzed: 5/28/2024				
Lead	ND	0.013							
Arsenic	ND	0.0090							
LCS (BE42815-BS1)					Prepared: 5/24/2024 Analyzed: 5/28/2024				
Lead	0.193	0.013	0.200		96.6	80 - 120			
Arsenic	0.183	0.0090	0.200		91.3	80 - 120			
LCS Dup (BE42815-BSD1)					Prepared: 5/24/2024 Analyzed: 5/28/2024				
Lead	0.193	0.013	0.200		96.4	80 - 120	0.200	20	
Arsenic	0.178	0.0090	0.200		89.2	80 - 120	2.25	20	

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

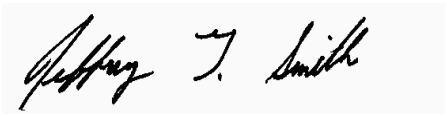
All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Jeffrey Smith



Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24E0689
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-8B

Sample Date(s): 05/20/2024, 05/21/2024

Laboratory Sample ID(s): 24E0689-01 thru 24E0689-26

List RCP Methods Used:

CT-ETPH, EPA 1312, EPA 6010D, EPA 6020B, EPA 7471B, EPA 8081B, EPA 8260D, EPA 8270E

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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☑ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 05/30/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

RCP Case Narrative

4- See Exceptions Report Below

6- Client requested a subset of the RCP 8260, 8270, and Metals lists.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
2-Fluorophenol	SURR	Low			29.5	24E0689-18
Nitrobenzene-d5	SURR	Low			28.9	24E0689-18
1,3-Dichlorobenzene	LCS	Low	1510		37.7	BE42303
1,4-Dichlorobenzene	LCS	Low	1540		38.5	BE42303
3,3-Dichlorobenzidine	LCS	Low	1520		37.9	BE42303
Hexachloroethane	LCS	Low	1490		37.1	BE42303
Pyridine	LCS	Low	1020		25.4	BE42303
1,3-Dichlorobenzene	LCS DUP	Low	1530		38.3	BE42303-BSD1
1,4-Dichlorobenzene	LCS DUP	Low	1540		38.6	BE42303-BSD1
3,3-Dichlorobenzidine	LCS DUP	Low	1480		36.9	BE42303-BSD1
Pyridine	LCS DUP	Low	1070		26.6	BE42303-BSD1
1,1-Dichloroethene	LCS	High	66.2		132	BE42338
Trichlorotrifluoroethane	LCS	High	66.5		133	BE42338
1,1-Dichloroethene	LCS DUP	High	65.4		131	BE42338-BSD1
Carbon Disulfide	LCS DUP	High	69.7		139	BE42338-BSD1
Methylene Chloride	LCS DUP	Low	32.4		64.8	BE42338-BSD1
Trichlorotrifluoroethane	LCS DUP	High	66.3		133	BE42338-BSD1
Bromomethane	CC	High	77.9		156	S4E2406
Carbon Disulfide	CC	High	65.8		132	S4E2406
Chloromethane	CC	High	79.9		160	S4E2406
Methylene Chloride	CC	Low	37.5		75.0	S4E2406
trans-1,4-Dichloro-2-Butene	CC	High	61.2		122	S4E2406
Trichlorotrifluoroethane	CC	High	64.6		129	S4E2406
Bromomethane	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Chloromethane	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
2,4-Dinitrophenol	CC	High	76100		152	S4E2910
2,6-Dinitrotoluene	CC	High	67500		135	S4E2910
2-Nitroaniline	CC	High	63400		127	S4E2910
2-Nitrophenol	CC	High	60900		122	S4E2910
3-Nitroaniline	CC	High	63500		127	S4E2910
4,6-Dinitro-2-methylphenol	CC	High	73100		146	S4E2910
4-Nitroaniline	CC	High	62000		124	S4E2910
Aniline	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Hexachlorocyclopentadiene	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
2,4-Dinitrophenol	CC	High	75500		151	S4E2911
2,6-Dinitrotoluene	CC	High	66900		134	S4E2911
2-Nitroaniline	CC	High	63500		127	S4E2911
2-Nitrophenol	CC	High	61000		122	S4E2911
3-Nitroaniline	CC	High	63100		126	S4E2911
4,6-Dinitro-2-methylphenol	CC	High	72500		145	S4E2911
4-Nitroaniline	CC	High	61700		123	S4E2911
Aniline	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Hexachlorocyclopentadiene	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				

2,4-Dinitrophenol	CC	High	79000	158	S4E3009
2,6-Dinitrotoluene	CC	High	66900	134	S4E3009
2-Nitroaniline	CC	High	64000	128	S4E3009
2-Nitrophenol	CC	High	60700	121	S4E3009
3-Nitroaniline	CC	High	62700	125	S4E3009
4,6-Dinitro-2-methylphenol	CC	High	75400	151	S4E3009
4-Nitroaniline	CC	High	61800	124	S4E3009
Benzyl Alcohol	CC	Low	38700	77.4	S4E3009
Aniline	ICV	Analyte exceeds method limit of second source standard. Non-directional bias			
Hexachlorocyclopentadiene	ICV	Analyte exceeds method limit of second source standard. Non-directional bias			

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BE42439	S4E2808	24E0689-01	B58 0.5-2ft	CT-ETPH	Soil	05/20/2024
BE42439	S4E2808	24E0689-02	B58 10-12ft	CT-ETPH	Soil	05/21/2024
BE42439	S4E2808	24E0689-08	B52 4-6ft	CT-ETPH	Soil	05/21/2024
BE42439	S4E2808	24E0689-10	B53 6-8ft	CT-ETPH	Soil	05/21/2024
BE42439	S4E2808	24E0689-11	B54 6-8ft	CT-ETPH	Soil	05/21/2024
BE42438		24E0689-22	B49 4-6ft	EPA 1312	Soil	05/21/2024
BE42438		24E0689-23	B49 6-8ft	EPA 1312	Soil	05/21/2024
BE42438		24E0689-25	B50 6-8ft	EPA 1312	Soil	05/21/2024
BE42438		24E0689-26	B51 6-7.5ft	EPA 1312	Soil	05/21/2024
BE42317	S4E2405	24E0689-07	B48 4-5ft	EPA 6010D	Soil	05/21/2024
BE42317	S4E2405	24E0689-19	B47 8-9.5ft	EPA 6010D	Soil	05/21/2024
BE42413	S4E2405	24E0689-22	B49 4-6ft	EPA 6010D	Soil	05/21/2024
BE42413	S4E2405	24E0689-23	B49 6-8ft	EPA 6010D	Soil	05/21/2024
BE42413	S4E2405	24E0689-25	B50 6-8ft	EPA 6010D	Soil	05/21/2024
BE42413	S4E2405	24E0689-26	B51 6-7.5ft	EPA 6010D	Soil	05/21/2024
BE42815	S4E2809	24E0689-22	B49 4-6ft	EPA 6020B	Soil	05/21/2024
BE42815	S4E2809	24E0689-23	B49 6-8ft	EPA 6020B	Soil	05/21/2024
BE42815	S4E2809	24E0689-25	B50 6-8ft	EPA 6020B	Soil	05/21/2024
BE42815	S4E2809	24E0689-26	B51 6-7.5ft	EPA 6020B	Soil	05/21/2024
BE42312		24E0689-07	B48 4-5ft	EPA 7471B	Soil	05/21/2024
BE42312		24E0689-19	B47 8-9.5ft	EPA 7471B	Soil	05/21/2024
BE42407	S4E3008	24E0689-05	B27A 6-7.5ft	EPA 8081B	Soil	05/21/2024
BE42407	S4E3008	24E0689-09	B53 0-2ft	EPA 8081B	Soil	05/21/2024
BE42407	S4E3008	24E0689-12	B56 2-4ft	EPA 8081B	Soil	05/21/2024
BE42407	S4E3008	24E0689-13	B44 2-4ft	EPA 8081B	Soil	05/21/2024
BE42407	S4E3008	24E0689-14	B44 16-18ft	EPA 8081B	Soil	05/21/2024
BE42407	S4E3008	24E0689-15	B45 0-2ft	EPA 8081B	Soil	05/21/2024
BE42407	S4E3008	24E0689-16	B45 4-6ft	EPA 8081B	Soil	05/21/2024
BE42407	S4E3008	24E0689-18	B47 2-4ft	EPA 8081B	Soil	05/21/2024
BE42407	S4E3008	24E0689-19	B47 8-9.5ft	EPA 8081B	Soil	05/21/2024
BE42407	S4E3008	24E0689-20	B42 0-2ft	EPA 8081B	Soil	05/21/2024
BE42409	S4E3008	24E0689-21	B42 12-14ft	EPA 8081B	Soil	05/21/2024
BE42409	S4E3008	24E0689-23	B49 6-8ft	EPA 8081B	Soil	05/21/2024
BE42409	S4E3008	24E0689-24	B50 0-2ft	EPA 8081B	Soil	05/21/2024
BE42338	S4E2406	24E0689-03	B63 2-4ft	EPA 8260D	Soil	05/20/2024
BE42338	S4E2406	24E0689-04	B27A 2-4ft	EPA 8260D	Soil	05/21/2024
BE42338	S4E2406	24E0689-06	B48 2-4ft	EPA 8260D	Soil	05/21/2024
BE42338	S4E2406	24E0689-17	B46 2-4ft	EPA 8260D	Soil	05/21/2024
BE42338	S4E2406	24E0689-18	B47 2-4ft	EPA 8260D	Soil	05/21/2024
BE42303	S4E2911	24E0689-04	B27A 2-4ft	EPA 8270E	Soil	05/21/2024
BE42303	S4E2911	24E0689-06	B48 2-4ft	EPA 8270E	Soil	05/21/2024
BE42303	S4E2911	24E0689-07	B48 4-5ft	EPA 8270E	Soil	05/21/2024
BE42303	S4E2911	24E0689-08	B52 4-6ft	EPA 8270E	Soil	05/21/2024
BE42303	S4E2911	24E0689-10	B53 6-8ft	EPA 8270E	Soil	05/21/2024
BE42303	S4E2911	24E0689-11	B54 6-8ft	EPA 8270E	Soil	05/21/2024
BE42303	S4E2911	24E0689-12	B56 2-4ft	EPA 8270E	Soil	05/21/2024
BE42303	S4E2911	24E0689-13	B44 2-4ft	EPA 8270E	Soil	05/21/2024
BE42303	S4E2911	24E0689-15	B45 0-2ft	EPA 8270E	Soil	05/21/2024

BE42303	S4E2911	24E0689-16	B45 4-6ft	EPA 8270E	Soil	05/21/2024
BE42303	S4E2911	24E0689-17	B46 2-4ft	EPA 8270E	Soil	05/21/2024
BE42303	S4E2911	24E0689-18	B47 2-4ft	EPA 8270E	Soil	05/21/2024
BE42303	S4E2911	24E0689-22	B49 4-6ft	EPA 8270E	Soil	05/21/2024
BE42303	S4E2911	24E0689-23	B49 6-8ft	EPA 8270E	Soil	05/21/2024
BE42303	S4E2911	24E0689-25	B50 6-8ft	EPA 8270E	Soil	05/21/2024
BE42303	S4E2911	24E0689-26	B51 6-7.5ft	EPA 8270E	Soil	05/21/2024

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	CT
EPA 6010D in Soil	
Lead	CT,NY,PA
Selenium	CT,NY,PA
Cadmium	CT,NY,PA
Chromium	CT,NY,PA
Arsenic	CT,NY,PA
Barium	CT,NY,PA
Silver	CT,NY,PA
Copper	CT,NY,PA
Nickel	CT,NY,PA
Zinc	CT,NY,PA
EPA 6020B in Water	
Lead	CT
Arsenic	CT
EPA 7471B in Soil	
Mercury	CT,NY,PA
EPA 8081B in Soil	
Alpha-BHC	CT,NY,PA
Gamma-BHC	CT,NY,PA
Heptachlor	CT,NY,PA
Aldrin	CT,NY,PA
Beta-BHC	CT,NY,PA
Delta-BHC	CT,NY,PA
Heptachlor Epoxide	CT,NY,PA
Endosulfan I	CT,NY,PA
4,4-DDE	CT,NY,PA
Dieldrin	CT,NY,PA
Endrin	CT,NY,PA
4,4-DDD	CT,NY,PA
Endosulfan II	CT,NY,PA
4,4-DDT	CT,NY,PA
Endrin Aldehyde	CT,NY,PA
4,4-Methoxychlor	CT,NY,PA
Endosulfan Sulfate	CT,NY,PA
Endrin Ketone	CT,NY,PA
Chlordane	CT,NY,PA
Toxaphene	CT,NY,PA
Alachlor	CT
EPA 8260D in Soil	
Dichlorodifluoromethane	CT,NY,PA
Chloromethane	CT,NY,PA
Vinyl Chloride	CT,NY,PA
Bromomethane	CT,NY,PA
Chloroethane	CT,NY,PA
Trichlorofluoromethane	CT,NY,PA
Acetone	CT,NY,PA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260D in Soil	
Acrylonitrile	CT
Trichlorotrifluoroethane	CT,NY,PA
1,1-Dichloroethene	CT,NY,PA
Methylene Chloride	CT,NY,PA
Carbon Disulfide	CT,NY,PA
Methyl-t-Butyl Ether (MTBE)	CT,NY,PA
trans-1,2-Dichloroethene	CT,NY,PA
1,1-Dichloroethane	CT,NY,PA
2-Butanone (MEK)	CT,NY,PA
2,2-Dichloropropane	CT,NY,PA
cis-1,2-Dichloroethene	CT,NY,PA
Bromochloromethane	CT,NY,PA
Chloroform	CT,NY,PA
Tetrahydrofuran	CT
1,1,1-Trichloroethane	CT,NY,PA
Carbon Tetrachloride	CT,NY,PA
1,1-Dichloropropene	CT,NY,PA
Benzene	CT,NY,PA
1,2-Dichloroethane	CT,NY,PA
Trichloroethene	CT,NY,PA
1,2-Dichloropropane	CT,NY,PA
Dibromomethane	CT,NY,PA
Bromodichloromethane	CT,NY,PA
Methyl Isobutyl Ketone	CT,NY,PA
cis-1,3-Dichloropropene	CT,NY,PA
Toluene	CT,NY,PA
trans-1,3-Dichloropropene	CT,NY,PA
2-Hexanone	CT,NY,PA
1,1,2-Trichloroethane	CT,NY,PA
Tetrachloroethene	CT,NY,PA
1,3-Dichloropropane	CT,NY,PA
Dibromochloromethane	CT,NY,PA
1,2-Dibromoethane	CT,NY,PA
trans-1,4-Dichloro-2-Butene	CT,NY,PA
Chlorobenzene	CT,NY,PA
1,1,1,2-Tetrachloroethane	CT,NY,PA
Ethylbenzene	CT,NY,PA
m+p Xylenes	CT,NY,PA
o-Xylene	CT,NY,PA
Styrene	CT,NY,PA
Bromoform	CT,NY,PA
Isopropylbenzene	CT,NY,PA
1,1,2,2-Tetrachloroethane	CT,NY,PA
Bromobenzene	CT,NY,PA
1,2,3-Trichloropropane	CT,NY,PA
n-Propylbenzene	CT,NY,PA
2-Chlorotoluene	CT,NY,PA
4-Chlorotoluene	CT,NY,PA
1,3,5-Trimethylbenzene	CT,NY,PA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260D in Soil	
tert-Butylbenzene	CT,NY,PA
1,2,4-Trimethylbenzene	CT,NY,PA
sec-Butylbenzene	CT,NY,PA
1,3-Dichlorobenzene	CT,NY,PA
4-Isopropyltoluene	CT,NY,PA
1,4-Dichlorobenzene	CT,NY,PA
1,2-Dichlorobenzene	CT,NY,PA
n-Butylbenzene	CT,NY,PA
1,2-Dibromo-3-Chloropropane	CT,NY,PA
1,2,4-Trichlorobenzene	CT,NY,PA
Hexachlorobutadiene	CT,NY
Naphthalene	CT,NY,PA
1,2,3-Trichlorobenzene	CT
EPA 8270E in Soil	
Phenol	CT,NY,PA
1,3-Dichlorobenzene	CT,NY,PA
n-Nitroso-di-n-propylamine	CT,NY,PA
Pyridine	CT,NY,PA
n-Nitroso-dimethylamine	CT,NY,PA
bis(2-Chloroethyl)ether	CT,NY,PA
Aniline	CT,NY,PA
2-Chlorophenol	CT,NY,PA
1,4-Dichlorobenzene	CT,NY,PA
Benzyl Alcohol	CT,NY,PA
1,2-Dichlorobenzene	CT,NY,PA
bis(2-Chloroisopropyl)ether	CT,NY,PA
Hexachloroethane	CT,NY,PA
2-Methyl Phenol	CT,NY,PA
3+4 Methyl Phenol	CT,NY,PA
Naphthalene	CT,NY,PA
Naphthalene	CT,NY,PA
2-Methyl Naphthalene	CT,NY,PA
2-Nitrophenol	CT,NY,PA
2,4-Dichlorophenol	CT,NY,PA
Acenaphthylene	CT,NY,PA
Acenaphthene	CT,NY,PA
Hexachlorobutadiene	CT,NY,PA
4-Chloro-3-methylphenol	CT,NY,PA
Fluorene	CT,NY,PA
Nitrobenzene	CT,NY,PA
Phenanthrene	CT,NY,PA
Anthracene	CT,NY,PA
Isophorone	CT,NY,PA
2,4-Dimethylphenol	CT,NY,PA
Fluoranthene	CT,NY,PA
bis(2-Chloroethoxy)methane	CT,NY,PA
Pyrene	CT,NY,PA
Benzo[a]anthracene	CT,NY,PA
Benzoic Acid	CT,NY,PA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270E in Soil	
1,2,4-Trichlorobenzene	CT,NY,PA
Chrysene	CT,NY,PA
2,6-Dichlorophenol	CT,NY,PA
Benzo[b]fluoranthene	CT,NY,PA
4-Chloroaniline	CT,NY,PA
Benzo[k]fluoranthene	CT,NY,PA
Benzo[a]pyrene	CT,NY,PA
Indeno[1,2,3-cd]pyrene	CT,NY,PA
1,2,4,5-Tetrachlorobenzene	CT,NY,PA
Dibenz[a,h]anthracene	CT,NY,PA
2-Methyl Naphthalene	CT,NY,PA
Benzo[g,h,i]perylene	CT,NY,PA
Acenaphthylene	CT,NY,PA
Acenaphthene	CT,NY,PA
Dibenzofuran	CT,NY,PA
Fluorene	CT,NY,PA
Hexachlorocyclopentadiene	CT,NY,PA
2,4,6-Trichlorophenol	CT,NY,PA
2,4,5-Trichlorophenol	CT,NY,PA
2,4-Dinitrophenol	CT,NY,PA
4-Nitrophenol	CT,NY,PA
2-Chloronaphthalene	CT,NY,PA
2-Nitroaniline	CT,NY,PA
Dimethylphthalate	CT,NY,PA
2,6-Dinitrotoluene	CT,NY,PA
4-Nitroaniline	CT,NY,PA
2,4-Dinitrotoluene	CT,NY,PA
2,3,4,6-Tetrachlorophenol	CT,NY,PA
4-Chlorophenyl-phenylether	CT,NY,PA
Diethylphthalate	CT,NY,PA
Phenanthrene	CT,NY,PA
Anthracene	CT,NY,PA
Carbazole	CT,NY,PA
Fluoranthene	CT,NY,PA
Pyrene	CT,NY,PA
n-Nitrosodiphenylamine	CT,NY,PA
Pentachlorophenol	CT,NY,PA
3-Nitroaniline	CT,NY,PA
4,6-Dinitro-2-methylphenol	CT,NY,PA
1,2-Diphenylhydrazine	CT
4-Bromophenyl-phenylether	CT,NY,PA
Hexachlorobenzene	CT,NY,PA
Di-n-butylphthalate	CT,NY,PA
Pentachloronitrobenzene	CT,NY
Benzo[a]anthracene	CT,NY,PA
Chrysene	CT,NY,PA
Butylbenzylphthalate	CT,NY,PA
3,3-Dichlorobenzidine	CT,NY
bis(2-Ethylhexyl)phthalate	CT,NY,PA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270E in Soil	
Di-n-octylphthalate	CT,NY,PA
Benzo[b]fluoranthene	CT,NY,PA
Benzo[k]fluoranthene	CT,NY,PA
Benzo[a]pyrene	CT,NY,PA
Indeno[1,2,3-cd]pyrene	CT,NY,PA
Dibenz[a,h]anthracene	CT,NY,PA
Benzo[g,h,i]perylene	CT,NY,PA
SM 2540 G in Soil	
Percent Solids	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
NY	New York Certification (NELAC)	11982	04/01/2024
PA	Pennsylvania DEP	68-02927	05/31/2024

24E0689

CHAIN OF CUSTODY

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Volatile Soils Only:
Date and Time in Freezer
Client: 5/21/24 1800
CET: 05/22/24 16:00

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day *	Next Day *	Two Day *	Three Day *	Standard ***	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	8 RCRA Cu, Ni	Metals: 13 Priority Poll.	15 CT DEEP	Total	SPLP	TCLP	Dissolved	Field Filter ☐ Lab Filter ☐	Additional Analysis: Hold												TOTAL # OF CONT.	NOTE #
B58 0.5-2 ft	5/20/24-0918	S	★	Sec	not	★				X																										1	1
B58 10-12ft	5/21/24-0824	S								X																										1	1
B63 2-4 ft	5/20/24-1157	S						X																												4	1
B27A 2-4 ft	5/21/24-1034	S						X				X																								4	1
B27A 6-7.5ft	5/21/24-1036	S						~~X~~ (2nd)							X									X												4	1, 2
B48 2-4 ft	5/21/24-1014	S						X				X																								4	1
B48 4-5ft	5/21/24-1015	S						~~X~~ (2nd)				X					X							X												4	1, 2
B52 4-6ft	5/21/24-1000	S									X		X																								1	1
B53 0-2ft	5/21/24-0935	S													X																						1	1
B53 6-8ft	5/21/24-0937	S									X		X																								1	1
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)								C			C	C	C		C		C							C												25	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)								V			G	G	G		G		G							G													
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)								M																													

Running total = 25

RELINQUISHED BY: DATE/TIME: 5/22/24 (000) RECEIVED BY:
RELINQUISHED BY: DATE/TIME: 5/22/24 14:15 RECEIVED BY: Date 05/22/24 14:15
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES: Need Results within 5 business days by 5/30/24. Additional samples are being held that may be sent for additional analysis
1) Please hold sample for future analysis
2) hold VOC vials for future analysis

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuni Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: E-mail: cajonahoe@zuni.com, ryan.onolski@zuni.com
Phone #
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills, Windsor Soil Sampling PO #:
Location: 487 Blue Hills Ave Ext. Windsor CT Project #: 23246-BB
CET Quote #: 011823-B Collector(s): RO/GR
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Formal REG Comp Other
Reporting Limits: GA, RDEC Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 5 °C Evidence of Cooling: Y N

PAGE 1 OF 3

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. wi start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

24E0689

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client: 5/21/24 1900
CET: 05/22/24 16:00

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Standard ***

Metals: 8 RCRA, 13 Priority Poll., 15 CT DEEP, Total, SPLP, TCLP, Dissolved, Field Filter ☐, Lab Filter ☐

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Standard ***	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	Additional Analysis: HOLD	TOTAL # OF CONT.	NOTE #
B54 6-8ft	5/21/24-0925	S	A	See	note		A				X		X					1	1
B56 2-4ft	5/21/24-0902	S											X		X			1	1
B44 2-4ft	5/21/24-1158	S											X		X			1	1
B44 16-18ft	5/21/24-1209	S													X			1	1
B45 0-2ft	5/21/24-1139	S											X		X			1	1
B45 4-6ft	5/21/24-1141	S											X		X			1	1
B46 2-4ft	5/21/24-1122	S						X				X						4	1
B46 4-6ft	5/21/24-1123	S															X	4	1,2
B47 2-4ft	5/21/24-1052	S						X				X			X			4	1
B47 4-6ft	5/21/24-1053	S															X	4	1,2
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)								C				C	C		C		C	22	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)								V				6	6		6		6		
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)								VS										5/30/24 Running total =	47

RELINQUISHED BY: DATE/TIME: 5/22/24 0900 RECEIVED BY:
RELINQUISHED BY: DATE/TIME: 5/22/24 14:15 RECEIVED BY: 05/22/24 14:15
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES: Need results within 5 business days by ~~Friday~~. Additional samples are being held that may be sent for additional analysis
1) Please hold sample for future analysis
2 - hold VOC vials for future analysis
*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvic Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: dangonino@zuvic.com, ryan.onofrio@zuvic.com
Phone #:
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills, Windsor CT
Location: 1685 Blue Hills Ave Ext. Windsor CT
CET Quote #: ON823-B
PO #:
Project #: 23246-SB
Collector(s): RO/GR
QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report: ☒ PDF ☒ EDD - Specify Format RSR Comp Other
Reporting Limits: GA, RDEC
Disposal Facility:
Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 5 °C
Evidence of Cooling: (Y) N
PAGE 2 OF 3

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

24E0689

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET: 05/22/24 16:00

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Standard ***

Metals: 8 RCRA Cr, Ni, Zn; 13 Priority Poll.; 15 CT DEEP; Total As, Pb; SPLP As, Pb; TCLP; Dissolved

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Standard ***	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	8 RCRA Cr, Ni, Zn	13 Priority Poll.	15 CT DEEP	Total As, Pb	SPLP As, Pb	TCLP	Dissolved	Lab Filter ☐ / Field Filter ☐	Additional Analysis	TOTAL # OF CONT.	NOTE #
B47 8-9.5ft	5/21/24 - 1016	S	A	See note A										X			X									1	1
B42 0-2ft	5/21/24 - 1225	S												X												1	1
B42 12-14ft	5/21/24 - 1332	S												X												1	1
B49 4-6ft	5/21/24 - 1432	S											X							X	X					1	1
B49 6-8ft	5/21/24 - 1438	S											X		X					X	X					1	1
B50 0-2ft	5/21/24 - 1341	S													X											1	1
B50 6-8ft	5/21/24 - 1343	S											X							X	X					1	1
B51 6-7.5ft	5/21/24 - 1409	S											X							X	X					1	1
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)													C		C		C			C	C					8	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)													G		G		G			G	G						
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)																									5/30/24 Rummy Total =	55	

RELINQUISHED BY: DATE/TIME: 5/22/24 RECEIVED BY: (USPS)
RELINQUISHED BY: DATE/TIME: 5/22/24 14:15 RECEIVED BY: Fedex 05/22/24 14:15
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES: ~~Need results by within~~ 5 business days by ~~5/30/24~~. Additional samples are being held that may be sent for additional analysis.
1) Please hold sample for future analysis
2) hold 500 vials for future analysis

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvic Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: dangmho@zuvic.com, ryan.onorato@zuvic.com
E-mail:
Phone #:
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills, Windsor CT. Soil Samplings
Location: 1958 Blue Hills Ave. Ext. Windsor, CT
CET Quote #: 011823-B
PO #: —
Project #: 23246-8B
Collector(s): RO/RR

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format RE6 Comp Other
Reporting Limits: GA RDEC Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 5 °C Evidence of Cooling: (Y) N

PAGE 3 OF 3

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. wi start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

Marie Sabo

From: Dan Pinho <danpinho@zuvic.com>
Sent: Wednesday, May 22, 2024 4:27 PM
To: CET Services; Ryan Orlowski
Subject: RE: Analysis Question, Project: Eversource Blue Hills; CET# 24E0689

Follow Up Flag: Follow up
Flag Status: Completed

See responses in red text below. Thank you for checking on this. Sorry for the confusion.

Daniel Pinho, LEP • Project Manager
860.899.1918 (direct) • 860.436.4901 (main)

ZUVIC | Infrastructure Solutions

40 Cold Spring Road, Suite 1, Rocky Hill, Connecticut 06067
WWW.ZUVIC.COM

From: CET Services <cetservices@cetlabs.com>
Sent: Wednesday, May 22, 2024 4:20 PM
To: Dan Pinho <danpinho@zuvic.com>; Ryan Orlowski <ryan.orlowski@zuvic.com>
Subject: Analysis Question, Project: Eversource Blue Hills; CET# 24E0689

Good afternoon,
Regarding the samples received at CET today via our courier (see COC attached)...
For sample -05 (B27A 6-7.5ft) you have the 8260 crossed out and a note to hold the VOC analysis and the HOLD box checked along with a pesticide box checked. Do you want the pest run now? Yes please test sample for Pest now.
Same kind of question for -07 (B48 4-5ft), you have the 8260 crossed out and a note to hold the VOC analysis and the HOLD box checked along with 8270 and metals boxes checked. Do you want the 8270 and metals run now? Yes please test sample for SVOCs and RCRA 8 plus Cu, Ni, Zn now.

Please advise.

Marie Sabo
CET Services
Complete Environmental Testing, Inc.
Phone: (203) 377-9984
Fax: (203) 377-9952
www.cetlabs.com

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dan Pinho
Zuvic, Inc.
40 Cold Spring Road
Rocky Hill, CT 06067

Analytical Report

CET# 24E0851

Report Date:June 07, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

SAMPLE SUMMARY

The sample(s) were received at 3.0°C.
This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B59 0-2ft	24E0851-01	Soil	5/20/2024 10:30	05/21/2024
B60 0-2ft	24E0851-02	Soil	5/20/2024 10:15	05/21/2024
B61 0-2ft	24E0851-03	Soil	5/20/2024 10:00	05/21/2024
B62 0-2ft	24E0851-04	Soil	5/20/2024 11:54	05/21/2024
B63 0-2ft	24E0851-05	Soil	5/20/2024 11:59	05/21/2024
B64 0-2ft	24E0851-06	Soil	5/20/2024 11:14	05/21/2024
B55 0-2ft	24E0851-07	Soil	5/20/2024 13:05	05/21/2024
B57 0-2ft	24E0851-08	Soil	5/20/2024 13:35	05/21/2024
B24A 2-4ft	24E0851-09	Soil	5/20/2024 13:35	05/21/2024
B43 0-2ft	24E0851-10	Soil	5/20/2024 14:55	05/21/2024

Analyte: Percent Solids [SM 2540 G]

Analyst: SEY

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0851-04	B62 0-2ft	86	1.0	%	1	BE43106	05/31/2024	05/31/2024 13:40	
24E0851-05	B63 0-2ft	89	1.0	%	1	BE43106	05/31/2024	05/31/2024 13:40	
24E0851-06	B64 0-2ft	88	1.0	%	1	BE43106	05/31/2024	05/31/2024 13:40	

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B59 0-2ft

Lab ID: 24E0851-01

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Heptachlor	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Aldrin	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Endosulfan I	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
4,4-DDE	ND	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Dieldrin	ND	0.0020	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Endrin	ND	0.022	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Chlordane	ND	0.20	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Toxaphene	ND	0.80	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Alachlor	ND	0.20	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:30	
Surrogate: TCMX [1C]	*78.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 17:30*	
Surrogate: TCMX [2C]	*72.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 17:30*	
Surrogate: DCB [1C]	*53.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 17:30*	
Surrogate: DCB [2C]	*54.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 17:30*	

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B60 0-2ft

Lab ID: 24E0851-02

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Heptachlor	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Aldrin	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Endosulfan I	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
4,4-DDE	**0.0020**	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Dieldrin	ND	0.0020	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Endrin	ND	0.022	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Chlordane	ND	0.20	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Toxaphene	ND	0.80	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Alachlor	ND	0.20	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:42	
Surrogate: TCMX [1C]	*80.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 17:42*	
Surrogate: TCMX [2C]	*80.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 17:42*	
Surrogate: DCB [1C]	*57.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 17:42*	
Surrogate: DCB [2C]	*52.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 17:42*	

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B61 0-2ft

Lab ID: 24E0851-03

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Heptachlor	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Aldrin	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Endosulfan I	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
4,4-DDE	ND	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Dieldrin	ND	0.0020	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Endrin	ND	0.022	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Chlordane	ND	0.20	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Toxaphene	ND	0.80	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Alachlor	ND	0.20	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 17:53	
Surrogate: TCMX [1C]	*78.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 17:53*	
Surrogate: TCMX [2C]	*76.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 17:53*	
Surrogate: DCB [1C]	*74.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 17:53*	
Surrogate: DCB [2C]	*63.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 17:53*	

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B62 0-2ft

Lab ID: 24E0851-04

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.58	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Alpha-BHC	ND	1.2	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Gamma-BHC	ND	0.58	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Heptachlor	ND	2.9	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Aldrin	ND	1.2	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Beta-BHC	ND	1.2	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Delta-BHC	ND	1.2	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Heptachlor Epoxide	ND	2.9	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Endosulfan I	ND	2.9	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
4,4-DDE	**7.6**	0.58	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Dieldrin	**3.4**	0.58	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Endrin	ND	2.9	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
4,4-DDD	ND	0.58	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Endosulfan II	ND	2.9	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
4,4-DDT	**8.3**	0.58	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Endrin Aldehyde	ND	2.9	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
4,4-Methoxychlor	ND	2.9	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Endosulfan Sulfate	ND	2.9	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Endrin Ketone	ND	2.9	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Chlordane	ND	17	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Toxaphene	ND	58	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Alachlor	ND	29	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:09	
Surrogate: TCMX [1C]	*63.1 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:09*	
Surrogate: DCB [1C]	*76.2 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:09*	
Surrogate: TCMX [2C]	*63.7 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:09*	
Surrogate: DCB [2C]	*66.8 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:09*	

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B63 0-2ft

Lab ID: 24E0851-05

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Alpha-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Gamma-BHC	ND	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Heptachlor	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Aldrin	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Beta-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Delta-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Heptachlor Epoxide	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Endosulfan I	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
4,4-DDE	**13**	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Dieldrin	**6.9**	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Endrin	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
4,4-DDD	ND	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Endosulfan II	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
4,4-DDT	**19**	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Endrin Aldehyde	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
4,4-Methoxychlor	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Endosulfan Sulfate	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Endrin Ketone	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Chlordane	ND	17	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Toxaphene	ND	56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Alachlor	ND	28	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:20	
Surrogate: TCMX [1C]	*74.2 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:20*	
Surrogate: DCB [1C]	*108 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:20*	
Surrogate: TCMX [2C]	*75.3 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:20*	
Surrogate: DCB [2C]	*109 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:20*	

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B64 0-2ft

Lab ID: 24E0851-06

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Alpha-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Gamma-BHC	ND	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Heptachlor	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Aldrin	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Beta-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Delta-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Heptachlor Epoxide	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Endosulfan I	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
4,4-DDE	**64**	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Dieldrin	**140**	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Endrin	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
4,4-DDD	ND	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Endosulfan II	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
4,4-DDT	**120**	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Endrin Aldehyde	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
4,4-Methoxychlor	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Endosulfan Sulfate	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Endrin Ketone	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Chlordane	**200**	17	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Toxaphene	ND	56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Alachlor	ND	28	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:32	
Surrogate: TCMX [1C]	*60.3 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:32*	
Surrogate: DCB [1C]	*65.3 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:32*	
Surrogate: TCMX [2C]	*62.0 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:32*	
Surrogate: DCB [2C]	*55.4 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:32*	

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B55 0-2ft

Lab ID: 24E0851-07

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Heptachlor	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Aldrin	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Endosulfan I	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
4,4-DDE	**0.0060**	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Dieldrin	ND	0.0020	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Endrin	ND	0.022	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
4,4-DDT	**0.0050**	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Chlordane	ND	0.20	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Toxaphene	ND	0.80	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Alachlor	ND	0.20	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:04	
Surrogate: TCMX [1C]	*74.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 18:04*	
Surrogate: TCMX [2C]	*72.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 18:04*	
Surrogate: DCB [1C]	*51.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 18:04*	
Surrogate: DCB [2C]	*44.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 18:04*	

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B57 0-2ft

Lab ID: 24E0851-08

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Heptachlor	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Aldrin	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Endosulfan I	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
4,4-DDE	ND	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Dieldrin	ND	0.0020	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Endrin	ND	0.022	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Chlordane	ND	0.20	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Toxaphene	ND	0.80	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Alachlor	ND	0.20	1	EPA 3510C	BF40421	06/04/2024	06/05/2024 18:16	
Surrogate: TCMX [1C]	*74.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 18:16*	
Surrogate: TCMX [2C]	*78.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 18:16*	
Surrogate: DCB [1C]	*60.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 18:16*	
Surrogate: DCB [2C]	*51.0 %*	*30 - 150*			BF40421	06/04/2024	*06/05/2024 18:16*	

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B24A 2-4ft

Lab ID: 24E0851-09

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Heptachlor	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Aldrin	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Endosulfan I	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
4,4-DDE	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Dieldrin	ND	0.0020	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Endrin	ND	0.022	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Chlordane	ND	0.20	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Toxaphene	ND	0.80	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Alachlor	ND	0.20	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 10:59	
Surrogate: TCMX [1C]	*67.0 %*	*30 - 150*			BF40643	06/06/2024	*06/07/2024 10:59*	
Surrogate: TCMX [2C]	*68.0 %*	*30 - 150*			BF40643	06/06/2024	*06/07/2024 10:59*	
Surrogate: DCB [1C]	*44.0 %*	*30 - 150*			BF40643	06/06/2024	*06/07/2024 10:59*	
Surrogate: DCB [2C]	*45.0 %*	*30 - 150*			BF40643	06/06/2024	*06/07/2024 10:59*	

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B43 0-2ft

Lab ID: 24E0851-10

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Heptachlor	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Aldrin	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Endosulfan I	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
4,4-DDE	**0.0020**	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Dieldrin	ND	0.0020	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Endrin	ND	0.022	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Chlordane	ND	0.20	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Toxaphene	ND	0.80	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Alachlor	ND	0.20	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:11	
Surrogate: TCMX [1C]	*67.0 %*	*30 - 150*			BF40643	06/06/2024	*06/07/2024 11:11*	
Surrogate: TCMX [2C]	*67.0 %*	*30 - 150*			BF40643	06/06/2024	*06/07/2024 11:11*	
Surrogate: DCB [1C]	*63.0 %*	*30 - 150*			BF40643	06/06/2024	*06/07/2024 11:11*	
Surrogate: DCB [2C]	*52.0 %*	*30 - 150*			BF40643	06/06/2024	*06/07/2024 11:11*	

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

QUALITY CONTROL SECTION

Batch BE43106 - SM 2540 G

Analyte	Result (%)	RL (%)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Duplicate (BE43106-DUP1)		**Source: 24E0851-04**			Prepared: 5/31/2024 Analyzed: 5/31/2024				
Percent Solids	86	1.0		86			0.0102	5	

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE43118 - EPA 8081B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE43118-BLK1)					Prepared: 5/31/2024 Analyzed: 5/31/2024				
Hexachlorobenzene	ND	0.50							
Alpha-BHC	ND	1.0							
Gamma-BHC	ND	0.50							
Heptachlor	ND	2.5							
Aldrin	ND	1.0							
Beta-BHC	ND	1.0							
Delta-BHC	ND	1.0							
Heptachlor Epoxide	ND	2.5							
Endosulfan I	ND	2.5							
4,4-DDE	ND	0.50							
Dieldrin	ND	0.50							
Endrin	ND	2.5							
4,4-DDD	ND	0.50							
Endosulfan II	ND	2.5							
4,4-DDT	ND	0.50							
Endrin Aldehyde	ND	2.5							
4,4-Methoxychlor	ND	2.5							
Endosulfan Sulfate	ND	2.5							
Endrin Ketone	ND	2.5							
Chlordane	ND	15							
Toxaphene	ND	50							
Alachlor	ND	25							
Surrogate: TCMX [1C]					*95.8*	*30 - 150*			
Surrogate: DCB [1C]					*94.3*	*30 - 150*			
Surrogate: TCMX [2C]					*95.7*	*30 - 150*			
Surrogate: DCB [2C]					*88.5*	*30 - 150*			
LCS (BE43118-BS1)					Prepared: 5/31/2024 Analyzed: 5/31/2024				
Hexachlorobenzene	22.3	0.50	25.000		89.4	40 - 140			
Alpha-BHC	21.3	1.0	25.000		85.1	40 - 140			
Gamma-BHC	21.5	0.50	25.000		86.1	40 - 140			
Heptachlor	21.0	2.5	25.000		83.8	40 - 140			
Aldrin	23.0	1.0	25.000		92.2	40 - 140			
Beta-BHC	21.4	1.0	25.000		85.8	40 - 140			
Delta-BHC	21.2	1.0	25.000		85.0	40 - 140			
Heptachlor Epoxide	22.3	2.5	25.000		89.2	40 - 140			
Endosulfan I	22.9	2.5	25.000		91.5	40 - 140			
4,4-DDE	22.7	0.50	25.000		90.8	40 - 140			
Dieldrin	24.2	0.50	25.000		96.9	40 - 140			
Endrin	18.5	2.5	25.000		73.9	40 - 140			
4,4-DDD	23.6	0.50	25.000		94.2	40 - 140			
Endosulfan II	23.4	2.5	25.000		93.7	40 - 140			
4,4-DDT	20.2	0.50	25.000		80.8	40 - 140			
Endrin Aldehyde	24.9	2.5	25.000		99.7	40 - 140			
4,4-Methoxychlor	19.9	2.5	25.000		79.5	40 - 140			
Endosulfan Sulfate	25.0	2.5	25.000		100	40 - 140			
Endrin Ketone	26.9	2.5	25.000		108	40 - 140			
Alachlor	50.9	25	50.000		102	40 - 140			
Surrogate: TCMX [1C]					*98.5*	*30 - 150*			
Surrogate: DCB [1C]					*108*	*30 - 150*			
Surrogate: TCMX [2C]					*97.8*	*30 - 150*			
Surrogate: DCB [2C]					*109*	*30 - 150*			

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE43118-BS1) - Continued					Prepared: 5/31/2024 Analyzed: 5/31/2024				
LCS Dup (BE43118-BSD1)					Prepared: 5/31/2024 Analyzed: 5/31/2024				
Hexachlorobenzene	22.0	0.50	25.000		87.8	40 - 140	1.75	20	
Alpha-BHC	22.2	1.0	25.000		89.0	40 - 140	4.44	20	
Gamma-BHC	22.5	0.50	25.000		89.9	40 - 140	4.39	20	
Heptachlor	21.5	2.5	25.000		86.0	40 - 140	2.53	20	
Aldrin	23.9	1.0	25.000		95.4	40 - 140	3.46	20	
Beta-BHC	22.1	1.0	25.000		88.4	40 - 140	2.95	20	
Delta-BHC	22.1	1.0	25.000		88.6	40 - 140	4.16	20	
Heptachlor Epoxide	23.2	2.5	25.000		92.7	40 - 140	3.84	20	
Endosulfan I	23.6	2.5	25.000		94.5	40 - 140	3.25	20	
4,4-DDE	23.8	0.50	25.000		95.4	40 - 140	4.90	20	
Dieldrin	25.3	0.50	25.000		101	40 - 140	4.31	20	
Endrin	18.3	2.5	25.000		73.0	40 - 140	1.25	20	
4,4-DDD	24.6	0.50	25.000		98.2	40 - 140	4.14	20	
Endosulfan II	24.3	2.5	25.000		97.4	40 - 140	3.84	20	
4,4-DDT	20.2	0.50	25.000		80.9	40 - 140	0.0742	20	
Endrin Aldehyde	25.0	2.5	25.000		100	40 - 140	0.348	20	
4,4-Methoxychlor	19.6	2.5	25.000		78.2	40 - 140	1.54	20	
Endosulfan Sulfate	22.6	2.5	25.000		90.4	40 - 140	10.1	20	
Endrin Ketone	23.5	2.5	25.000		94.0	40 - 140	13.5	20	
Alachlor	53.8	25	50.000		108	40 - 140	5.53	20	
Surrogate: TCMX [1C]					*105*	*30 - 150*			
Surrogate: DCB [1C]					*111*	*30 - 150*			
Surrogate: TCMX [2C]					*102*	*30 - 150*			
Surrogate: DCB [2C]					*121*	*30 - 150*			

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BF40421 - EPA 8081B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF40421-BLK1)					Prepared: 6/4/2024 Analyzed: 6/4/2024				
Alpha-BHC	ND	0.0050							
Gamma-BHC	ND	0.0050							
Heptachlor	ND	0.0050							
Aldrin	ND	0.0050							
Beta-BHC	ND	0.0050							
Delta-BHC	ND	0.0050							
Heptachlor Epoxide	ND	0.0050							
Endosulfan I	ND	0.0050							
4,4-DDE	ND	0.0010							
Dieldrin	ND	0.0020							
Endrin	ND	0.022							
4,4-DDD	ND	0.0010							
Endosulfan II	ND	0.0050							
4,4-DDT	ND	0.0010							
Endrin Aldehyde	ND	0.0050							
4,4-Methoxychlor	ND	0.0050							
Endosulfan Sulfate	ND	0.0050							
Endrin Ketone	ND	0.0050							
Chlordane	ND	0.20							
Toxaphene	ND	0.80							
Alachlor	ND	0.20							
Surrogate: TCMX [1C]					*89.0*	*30 - 150*			
Surrogate: TCMX [2C]					*86.0*	*30 - 150*			
Surrogate: DCB [1C]					*80.0*	*30 - 150*			
Surrogate: DCB [2C]					*70.0*	*30 - 150*			
LCS (BF40421-BS1)					Prepared: 6/4/2024 Analyzed: 6/4/2024				
Alpha-BHC	0.0390	0.0050	0.050		78.0	50 - 150			
Gamma-BHC	0.0410	0.0050	0.050		82.0	50 - 150			
Heptachlor	0.0390	0.0050	0.050		78.0	50 - 150			
Aldrin	0.0420	0.0050	0.050		84.0	50 - 150			
Beta-BHC	0.0450	0.0050	0.050		90.0	50 - 150			
Delta-BHC	0.0400	0.0050	0.050		80.0	50 - 150			
Heptachlor Epoxide	0.0410	0.0050	0.050		82.0	50 - 150			
Endosulfan I	0.0410	0.0050	0.050		82.0	50 - 150			
4,4-DDE	0.0420	0.0010	0.050		84.0	50 - 150			
Dieldrin	0.0450	0.0020	0.050		90.0	50 - 150			
Endrin	0.0380	0.022	0.050		76.0	50 - 150			
4,4-DDD	0.0440	0.0010	0.050		88.0	50 - 150			
Endosulfan II	0.0440	0.0050	0.050		88.0	50 - 150			
4,4-DDT	0.0430	0.0010	0.050		86.0	50 - 150			
Endrin Aldehyde	0.0470	0.0050	0.050		94.0	50 - 150			
4,4-Methoxychlor	0.0410	0.0050	0.050		82.0	50 - 150			
Endosulfan Sulfate	0.0470	0.0050	0.050		94.0	50 - 150			
Endrin Ketone	0.0480	0.0050	0.050		96.0	50 - 150			
Alachlor	0.0840	0.20	0.100		84.0	50 - 150			
Surrogate: TCMX [1C]					*98.0*	*30 - 150*			
Surrogate: TCMX [2C]					*95.0*	*30 - 150*			
Surrogate: DCB [1C]					*87.0*	*30 - 150*			
Surrogate: DCB [2C]					*92.0*	*30 - 150*			
LCS Dup (BF40421-BSD1)					Prepared: 6/4/2024 Analyzed: 6/4/2024				

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BF40421-BSD1) - Continued					Prepared: 6/4/2024 Analyzed: 6/4/2024				
Alpha-BHC	0.0390	0.0050	0.050		78.0	50 - 150	0.00	20	
Gamma-BHC	0.0410	0.0050	0.050		82.0	50 - 150	0.00	20	
Heptachlor	0.0400	0.0050	0.050		80.0	50 - 150	2.53	20	
Aldrin	0.0420	0.0050	0.050		84.0	50 - 150	0.00	20	
Beta-BHC	0.0460	0.0050	0.050		92.0	50 - 150	2.20	20	
Delta-BHC	0.0410	0.0050	0.050		82.0	50 - 150	2.47	20	
Heptachlor Epoxide	0.0420	0.0050	0.050		84.0	50 - 150	2.41	20	
Endosulfan I	0.0430	0.0050	0.050		86.0	50 - 150	4.76	20	
4,4-DDE	0.0420	0.0010	0.050		84.0	50 - 150	0.00	20	
Dieldrin	0.0450	0.0020	0.050		90.0	50 - 150	0.00	20	
Endrin	0.0400	0.022	0.050		80.0	50 - 150	5.13	20	
4,4-DDD	0.0440	0.0010	0.050		88.0	50 - 150	0.00	20	
Endosulfan II	0.0420	0.0050	0.050		84.0	50 - 150	4.65	20	
4,4-DDT	0.0420	0.0010	0.050		84.0	50 - 150	2.35	20	
Endrin Aldehyde	0.0510	0.0050	0.050		102	50 - 150	8.16	20	
4,4-Methoxychlor	0.0430	0.0050	0.050		86.0	50 - 150	4.76	20	
Endosulfan Sulfate	0.0460	0.0050	0.050		92.0	50 - 150	2.15	20	
Endrin Ketone	0.0520	0.0050	0.050		104	50 - 150	8.00	20	
Alachlor	0.0900	0.20	0.100		90.0	50 - 150	6.90	20	
Surrogate: TCMX [1C]					*101*	*30 - 150*			
Surrogate: TCMX [2C]					*96.0*	*30 - 150*			
Surrogate: DCB [1C]					*89.0*	*30 - 150*			
Surrogate: DCB [2C]					*82.0*	*30 - 150*			

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BF40643 - EPA 8081B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF40643-BLK1)					Prepared: 6/6/2024 Analyzed: 6/7/2024				
Alpha-BHC	ND	0.0050							
Gamma-BHC	ND	0.0050							
Heptachlor	ND	0.0050							
Aldrin	ND	0.0050							
Beta-BHC	ND	0.0050							
Delta-BHC	ND	0.0050							
Heptachlor Epoxide	ND	0.0050							
Endosulfan I	ND	0.0050							
4,4-DDE	ND	0.0010							
Dieldrin	ND	0.0020							
Endrin	ND	0.022							
4,4-DDD	ND	0.0010							
Endosulfan II	ND	0.0050							
4,4-DDT	ND	0.0010							
Endrin Aldehyde	ND	0.0050							
4,4-Methoxychlor	ND	0.0050							
Endosulfan Sulfate	ND	0.0050							
Endrin Ketone	ND	0.0050							
Chlordane	ND	0.20							
Toxaphene	ND	0.80							
Alachlor	ND	0.20							
Surrogate: TCMX [1C]					*70.0*	*30 - 150*			
Surrogate: TCMX [2C]					*65.0*	*30 - 150*			
Surrogate: DCB [1C]					*53.0*	*30 - 150*			
Surrogate: DCB [2C]					*55.0*	*30 - 150*			
LCS (BF40643-BS1)					Prepared: 6/6/2024 Analyzed: 6/7/2024				
Alpha-BHC	0.0370	0.0050	0.050		74.0	50 - 150			
Gamma-BHC	0.0390	0.0050	0.050		78.0	50 - 150			
Heptachlor	0.0350	0.0050	0.050		70.0	50 - 150			
Aldrin	0.0370	0.0050	0.050		74.0	50 - 150			
Beta-BHC	0.0460	0.0050	0.050		92.0	50 - 150			
Delta-BHC	0.0380	0.0050	0.050		76.0	50 - 150			
Heptachlor Epoxide	0.0410	0.0050	0.050		82.0	50 - 150			
Endosulfan I	0.0430	0.0050	0.050		86.0	50 - 150			
4,4-DDE	0.0410	0.0010	0.050		82.0	50 - 150			
Dieldrin	0.0440	0.0020	0.050		88.0	50 - 150			
Endrin	0.0360	0.022	0.050		72.0	50 - 150			
4,4-DDD	0.0440	0.0010	0.050		88.0	50 - 150			
Endosulfan II	0.0410	0.0050	0.050		82.0	50 - 150			
4,4-DDT	0.0380	0.0010	0.050		76.0	50 - 150			
Endrin Aldehyde	0.0450	0.0050	0.050		90.0	50 - 150			
4,4-Methoxychlor	0.0450	0.0050	0.050		90.0	50 - 150			
Endosulfan Sulfate	0.0430	0.0050	0.050		86.0	50 - 150			
Endrin Ketone	0.0460	0.0050	0.050		92.0	50 - 150			
Alachlor	0.118	0.20	0.100		118	50 - 150			
Surrogate: TCMX [1C]					*66.0*	*30 - 150*			
Surrogate: TCMX [2C]					*60.0*	*30 - 150*			
Surrogate: DCB [1C]					*75.0*	*30 - 150*			
Surrogate: DCB [2C]					*65.0*	*30 - 150*			
LCS Dup (BF40643-BSD1)					Prepared: 6/6/2024 Analyzed: 6/7/2024				

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BF40643-BSD1) - Continued					Prepared: 6/6/2024 Analyzed: 6/7/2024				
Alpha-BHC	0.0390	0.0050	0.050		78.0	50 - 150	5.26	20	
Gamma-BHC	0.0410	0.0050	0.050		82.0	50 - 150	5.00	20	
Heptachlor	0.0370	0.0050	0.050		74.0	50 - 150	5.56	20	
Aldrin	0.0400	0.0050	0.050		80.0	50 - 150	7.79	20	
Beta-BHC	0.0490	0.0050	0.050		98.0	50 - 150	6.32	20	
Delta-BHC	0.0390	0.0050	0.050		78.0	50 - 150	2.60	20	
Heptachlor Epoxide	0.0440	0.0050	0.050		88.0	50 - 150	7.06	20	
Endosulfan I	0.0460	0.0050	0.050		92.0	50 - 150	6.74	20	
4,4-DDE	0.0450	0.0010	0.050		90.0	50 - 150	9.30	20	
Dieldrin	0.0460	0.0020	0.050		92.0	50 - 150	4.44	20	
Endrin	0.0410	0.022	0.050		82.0	50 - 150	13.0	20	
4,4-DDD	0.0480	0.0010	0.050		96.0	50 - 150	8.70	20	
Endosulfan II	0.0460	0.0050	0.050		92.0	50 - 150	11.5	20	
4,4-DDT	0.0420	0.0010	0.050		84.0	50 - 150	10.0	20	
Endrin Aldehyde	0.0490	0.0050	0.050		98.0	50 - 150	8.51	20	
4,4-Methoxychlor	0.0480	0.0050	0.050		96.0	50 - 150	6.45	20	
Endosulfan Sulfate	0.0480	0.0050	0.050		96.0	50 - 150	11.0	20	
Endrin Ketone	0.0520	0.0050	0.050		104	50 - 150	12.2	20	
Alachlor	0.124	0.20	0.100		124	50 - 150	4.96	20	
Surrogate: TCMX [1C]					*70.0*	*30 - 150*			
Surrogate: TCMX [2C]					*67.0*	*30 - 150*			
Surrogate: DCB [1C]					*84.0*	*30 - 150*			
Surrogate: DCB [2C]					*63.0*	*30 - 150*			

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by David Ditta



Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24E0851
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-8B

Sample Date(s): 05/20/2024

Laboratory Sample ID(s): 24E0851-01 thru 24E0851-10

List RCP Methods Used:

EPA 1312, EPA 8081B

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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☐ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 06/07/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

RCP Case Narrative

7- Project specific QC was not requested by the client.

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BF40432		24E0851-01	B59 0-2ft	EPA 1312	Soil	05/20/2024
BF40432		24E0851-02	B60 0-2ft	EPA 1312	Soil	05/20/2024
BF40432		24E0851-03	B61 0-2ft	EPA 1312	Soil	05/20/2024
BF40432		24E0851-07	B55 0-2ft	EPA 1312	Soil	05/20/2024
BF40432		24E0851-08	B57 0-2ft	EPA 1312	Soil	05/20/2024
BF40432		24E0851-09	B24A 2-4ft	EPA 1312	Soil	05/20/2024
BF40432		24E0851-10	B43 0-2ft	EPA 1312	Soil	05/20/2024
BE43118	S4F0314	24E0851-04	B62 0-2ft	EPA 8081B	Soil	05/20/2024
BE43118	S4F0314	24E0851-05	B63 0-2ft	EPA 8081B	Soil	05/20/2024
BE43118	S4F0314	24E0851-06	B64 0-2ft	EPA 8081B	Soil	05/20/2024
BF40421	S4F0508	24E0851-01	B59 0-2ft	EPA 8081B	Soil	05/20/2024
BF40421	S4F0508	24E0851-02	B60 0-2ft	EPA 8081B	Soil	05/20/2024
BF40421	S4F0508	24E0851-03	B61 0-2ft	EPA 8081B	Soil	05/20/2024
BF40421	S4F0508	24E0851-07	B55 0-2ft	EPA 8081B	Soil	05/20/2024
BF40421	S4F0508	24E0851-08	B57 0-2ft	EPA 8081B	Soil	05/20/2024
BF40643	S4F0708	24E0851-09	B24A 2-4ft	EPA 8081B	Soil	05/20/2024
BF40643	S4F0708	24E0851-10	B43 0-2ft	EPA 8081B	Soil	05/20/2024

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8081B in Soil	
Alpha-BHC	CT,NY,PA
Gamma-BHC	CT,NY,PA
Heptachlor	CT,NY,PA
Aldrin	CT,NY,PA
Beta-BHC	CT,NY,PA
Delta-BHC	CT,NY,PA
Heptachlor Epoxide	CT,NY,PA
Endosulfan I	CT,NY,PA
4,4-DDE	CT,NY,PA
Dieldrin	CT,NY,PA
Endrin	CT,NY,PA
4,4-DDD	CT,NY,PA
Endosulfan II	CT,NY,PA
4,4-DDT	CT,NY,PA
Endrin Aldehyde	CT,NY,PA
4,4-Methoxychlor	CT,NY,PA
Endosulfan Sulfate	CT,NY,PA
Endrin Ketone	CT,NY,PA
Chlordane	CT,NY,PA
Toxaphene	CT,NY,PA
Alachlor	CT
EPA 8081B in Water	
Alpha-BHC	CT
Gamma-BHC	CT
Heptachlor	CT
Aldrin	CT
Beta-BHC	CT
Delta-BHC	CT
Heptachlor Epoxide	CT
Endosulfan I	CT
4,4-DDE	CT
Dieldrin	CT
Endrin	CT
4,4-DDD	CT
Endosulfan II	CT
4,4-DDT	CT
Endrin Aldehyde	CT
4,4-Methoxychlor	CT
Endosulfan Sulfate	CT
Endrin Ketone	CT
Chlordane	CT
Toxaphene	CT
Alachlor	CT
SM 2540 G in Soil	
Percent Solids	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
NY	New York Certification (NELAC)	11982	04/01/2024
PA	Pennsylvania DEP	68-02927	05/31/2024

Megan Carpenter

From: Dan Pinho <danpinho@zuvic.com>
Sent: Wednesday, May 29, 2024 8:53 PM
To: CET Services
Cc: Tory Man; Ryan Orlowski
Subject: 24E0649 - Request additional analysis
Attachments: 24E0649 Lab Chain - Additional Analysis Request 5-29-2024.pdf

Good evening CET,

Below are requested additional testing of soil samples. Please find attached the revised lab chain for the requests below. Please call if there are any questions. Please confirm receipt.

CET Report 24E0649

Sample ID	Additional Analysis
B24A 2-4'	SPLP Pests
B43 0-2'	SPLP Pests
B55 0-2'	SPLP Pests
B57 0-2'	SPLP Pests
B59 0-2'	SPLP Pests
B60 0-2'	SPLP Pests
B61 0-2'	SPLP Pests
B62 0-2'	Pests
B63 0-2'	Pests
B64 0-2'	Pests

Thank you,

Daniel Pinho, LEP • Project Manager
860.899.1918 (direct) • 860.436.4901 (main)

ZUVIC | Infrastructure Solutions

40 Cold Spring Road, Suite 1, Rocky Hill, Connecticut 06067
WWW.ZUVIC.COM

24E0851

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

A1 - standard TAT, DP, 5/29/2024

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Standard ***

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PAHs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	8 RCRA	13 Priority Poll.	15 CT DEEP	Total	8PLP Pesticides	TCLP	Dissolved	Field Filter ☐ Lab Filter ☐	Spot Lead										TOTAL # OF CONT.	NOTE #
B40 0.3-1 ft	5/20/24-0900	S				X																								1	1
B41 0.3-1 ft	5/20/24-0830	S				X																								1	1
B59 0-2 ft	5/20/24-1030	S						X		X						A1														1	1
B60 0-2 ft	5/20/24-1015	S						X		X						A1														1	1
B61 0-2 ft	5/20/24-1000	S						X		X						A1														1	1
B20A 2-4 ft	5/20/24-1030	S								X																				1	1
B62 0-2 ft	5/20/24-1154	S						X		A1						X					X									1	1
B63 0-2 ft	5/20/24-1159	S						X		A1						X					X									1	1
B64 0-2 ft	5/20/24-1114	S						X		A1						X					X									1	1
B55 0-2 ft	5/20/24-1305	S						X		X						A1														1	1
PRESERVATIVE (C=HCl, N=HNO3, S=H2SO4, Na=NaOH, C=Cool, O=Other)						C		C		C						C					C									10	
CONTAINER TYPE (P=Plastic, G=Glass, V=Vial, O=Other)						G		G		G						G					G										
																														Running Total	10	

Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	5/21/24 0855	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	5/21/24 1455	5/21/24 1455
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:
Rush Results within 5 business days. Additional samples are being held that may be sent for additional analysis by 5/29/24
1) Please hold all samples for potential additional analysis
*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuni Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: dangonho@zuni.com, ngan-omorib@zuni.com
E-mail:
Phone #:
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills Soil Sampling PO #:
Location: 1985 Blue Hills Ave Ext. Windsor, CT Project #: 23246-8B
CET Quote #: 011823-B Collector(s): RO/GR
QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report: ☒ PDF ☒ EDD - Specify Format: RE6-Comp Other:
Reporting Limits: GA, RDEC Disposal Facility:
Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 3 °C Evidence of Cooling: (Y) N
PAGE 1 OF 2

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

24E0851

A1 - standard TAT, DP, 5/29/2024

CHAIN OF CUSTODY

COMPLETE ENVIRONMENTAL TESTING, INC.

Volatile Soils Only: Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Standard ***

Metals: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs/PAH, PCBs ☐ SOX ☐ ASE, Pesticides, Herbicides, 8 RCRA, 13 Priority Poll., 15 CT DEEP, Total, SPLP, TCLP, Dissolved, Field Filter ☐ Lab Filter ☐

Additional Analysis: SPLP Pesticides

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Turnaround Time	8270 PNAs/PAH	PCBs	Pesticides	SPLP Pesticides	TOTAL # OF CONT.	NOTE #
B57 0-2ft	5/20/24-1335	S	* See Notes *	X		X	A1	1	1
B24A ~~0-2ft~~ 2-4ft	5/20/24-1325	S	↓	X		X	A1	1	1
B43 0-2ft	5/20/24-1455	S	↓			X	A1	1	1
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)				C		C			
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)				6		6		3	
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)							Running Total = 15		

RELINQUISHED BY: DATE/TIME: 5/21/24 0815 RECEIVED BY:
RELINQUISHED BY: DATE/TIME: 5/21/24 14:55 RECEIVED BY: 5/21/24 14:55
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES:
Need result within 5 business days by 5/29/24. Additional samples are being held that may be sent for additional analysis ~~by 5/24/24~~
1) Please hold all samples for potential additional analysis
*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvi Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: dangonino@zuvi.com E-mail: ryan.onofrio@zuvi.com
Phone #:
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills Soil Sampling PO #:
Location: 1985 Blue Hills Ave Ext. Windsor, CT Project #: 23246-8B
CET Quote #: 011823-B Collector(s): RO / BR
QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report: ☒ PDF ☒ EDD - Specify Format: REG COMP Other:
Reporting Limits: GA, RDEC Disposal Facility:
Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 3 °C Evidence of Cooling: Y N
PAGE 2 OF 2

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dan Pinho
Zuvic, Inc.
40 Cold Spring Road
Rocky Hill, CT 06067

Analytical Report

CET# 24E0861

Report Date:June 05, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

SAMPLE SUMMARY

The sample(s) were received at 6.0°C.
This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B61 2-4ft	24E0861-01	Soil	5/20/2024 9:58	05/30/2024
B64 2-4ft	24E0861-02	Soil	5/20/2024 11:12	05/30/2024
B24A 4-6ft	24E0861-03	Soil	5/20/2024 13:22	05/30/2024
B57 2-4ft	24E0861-04	Soil	5/20/2024 13:33	05/30/2024
B59 2-4ft	24E0861-05	Soil	5/21/2024 8:44	05/30/2024
B60 2-4ft	24E0861-06	Soil	5/21/2024 10:12	05/30/2024

Analyte: Percent Solids [SM 2540 G]

Analyst: SEY

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0861-01	B61 2-4ft	89	1.0	%	1	BE43044	05/30/2024	05/31/2024 09:00	
24E0861-02	B64 2-4ft	92	1.0	%	1	BE43044	05/30/2024	05/31/2024 09:00	
24E0861-03	B24A 4-6ft	95	1.0	%	1	BE43044	05/30/2024	05/31/2024 09:00	
24E0861-04	B57 2-4ft	96	1.0	%	1	BE43044	05/30/2024	05/31/2024 09:00	
24E0861-05	B59 2-4ft	83	1.0	%	1	BE43044	05/30/2024	05/31/2024 09:00	
24E0861-06	B60 2-4ft	94	1.0	%	1	BE43044	05/30/2024	05/31/2024 09:00	

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B61 2-4ft

Lab ID: 24E0861-01

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Alpha-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Gamma-BHC	ND	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Heptachlor	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Aldrin	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Beta-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Delta-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Heptachlor Epoxide	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Endosulfan I	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
4,4-DDE	**14**	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Dieldrin	**2.4**	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Endrin	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
4,4-DDD	**14**	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Endosulfan II	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
4,4-DDT	**8.0**	0.56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Endrin Aldehyde	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
4,4-Methoxychlor	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Endosulfan Sulfate	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Endrin Ketone	ND	2.8	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Chlordane	ND	17	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Toxaphene	ND	56	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Alachlor	ND	28	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:43	
Surrogate: TCMX [1C]	*68.5 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:43*	
Surrogate: DCB [1C]	*72.1 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:43*	
Surrogate: TCMX [2C]	*67.4 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:43*	
Surrogate: DCB [2C]	*65.9 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:43*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
2-Methyl Naphthalene	ND	220	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Acenaphthylene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Acenaphthene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Fluorene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Phenanthrene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Anthracene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B61 2-4ft

Lab ID: 24E0861-01

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Fluoranthene	**260**	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Pyrene	**270**	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Benzo[a]anthracene	**120**	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Chrysene	**120**	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Benzo[b]fluoranthene	**140**	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Benzo[a]pyrene	**130**	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Benzo[g,h,i]perylene	**120**	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:21	
Surrogate: Nitrobenzene-d5	*55.5 %*	*30 - 130*			BE43008	05/30/2024	*05/31/2024 15:21*	
Surrogate: 2-Fluorobiphenyl	*64.4 %*	*30 - 130*			BE43008	05/30/2024	*05/31/2024 15:21*	
Surrogate: Terphenyl-d14	*93.0 %*	*30 - 130*			BE43008	05/30/2024	*05/31/2024 15:21*	

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B64 2-4ft

Lab ID: 24E0861-02

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.53	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Alpha-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Gamma-BHC	ND	0.53	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Heptachlor	ND	2.7	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Aldrin	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Beta-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Delta-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Heptachlor Epoxide	ND	2.7	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Endosulfan I	ND	2.7	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
4,4-DDE	ND	0.53	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Dieldrin	ND	0.53	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Endrin	ND	2.7	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
4,4-DDD	ND	0.53	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Endosulfan II	ND	2.7	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
4,4-DDT	ND	0.53	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Endrin Aldehyde	ND	2.7	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
4,4-Methoxychlor	ND	2.7	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Endosulfan Sulfate	ND	2.7	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Endrin Ketone	ND	2.7	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Chlordane	ND	16	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Toxaphene	ND	53	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Alachlor	ND	27	1	EPA 3546	BE43118	05/31/2024	06/03/2024 21:54	
Surrogate: TCMX [1C]	*55.0 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:54*	
Surrogate: DCB [1C]	*70.8 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:54*	
Surrogate: TCMX [2C]	*54.2 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:54*	
Surrogate: DCB [2C]	*60.6 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 21:54*	

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Heptachlor	ND	0.0050	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Aldrin	ND	0.0050	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B64 2-4ft

Lab ID: 24E0861-02

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Endosulfan I	ND	0.0050	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
4,4-DDE	ND	0.0010	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Dieldrin	ND	0.0020	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Endrin	ND	0.022	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Chlordane	ND	0.20	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Toxaphene	ND	0.80	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Alachlor	ND	0.20	1	EPA 3510C	BF40421	06/05/2024	06/05/2024 13:05	
Surrogate: TCMX [1C]	*72.0 %*	*30 - 150*			BF40421	06/05/2024	*06/05/2024 13:05*	
Surrogate: TCMX [2C]	*70.0 %*	*30 - 150*			BF40421	06/05/2024	*06/05/2024 13:05*	
Surrogate: DCB [1C]	*51.0 %*	*30 - 150*			BF40421	06/05/2024	*06/05/2024 13:05*	
Surrogate: DCB [2C]	*44.0 %*	*30 - 150*			BF40421	06/05/2024	*06/05/2024 13:05*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
2-Methyl Naphthalene	ND	220	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Acenaphthylene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Acenaphthene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Fluorene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Phenanthrene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Anthracene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Fluoranthene	**140**	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Pyrene	**120**	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Benzo[a]anthracene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Chrysene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Benzo[a]pyrene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B64 2-4ft

Lab ID: 24E0861-02

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	BE43008	05/30/2024	05/31/2024 15:46	
Surrogate: Nitrobenzene-d5	*38.9 %*	*30 - 130*			BE43008	05/30/2024	*05/31/2024 15:46*	
Surrogate: 2-Fluorobiphenyl	*46.6 %*	*30 - 130*			BE43008	05/30/2024	*05/31/2024 15:46*	
Surrogate: Terphenyl-d14	*79.5 %*	*30 - 130*			BE43008	05/30/2024	*05/31/2024 15:46*	

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B24A 4-6ft

Lab ID: 24E0861-03

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.52	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Alpha-BHC	ND	1.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Gamma-BHC	ND	0.52	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Heptachlor	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Aldrin	ND	1.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Beta-BHC	ND	1.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Delta-BHC	ND	1.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Heptachlor Epoxide	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Endosulfan I	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
4,4-DDE	**2.1**	0.52	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Dieldrin	ND	0.52	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Endrin	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
4,4-DDD	ND	0.52	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Endosulfan II	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
4,4-DDT	**2.6**	0.52	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Endrin Aldehyde	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
4,4-Methoxychlor	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Endosulfan Sulfate	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Endrin Ketone	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Chlordane	ND	16	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Toxaphene	ND	52	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Alachlor	ND	26	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:06	
Surrogate: TCMX [1C]	*61.2 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:06*	
Surrogate: DCB [1C]	*70.2 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:06*	
Surrogate: TCMX [2C]	*60.1 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:06*	
Surrogate: DCB [2C]	*61.4 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:06*	

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B57 2-4ft

Lab ID: 24E0861-04

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.51	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Alpha-BHC	ND	1.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Gamma-BHC	ND	0.51	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Heptachlor	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Aldrin	ND	1.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Beta-BHC	ND	1.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Delta-BHC	ND	1.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Heptachlor Epoxide	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Endosulfan I	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
4,4-DDE	**0.93**	0.51	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Dieldrin	ND	0.51	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Endrin	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
4,4-DDD	ND	0.51	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Endosulfan II	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
4,4-DDT	ND	0.51	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Endrin Aldehyde	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
4,4-Methoxychlor	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Endosulfan Sulfate	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Endrin Ketone	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Chlordane	ND	15	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Toxaphene	ND	51	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Alachlor	ND	26	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:17	
Surrogate: TCMX [1C]	*63.7 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:17*	
Surrogate: DCB [1C]	*72.0 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:17*	
Surrogate: TCMX [2C]	*63.4 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:17*	
Surrogate: DCB [2C]	*63.9 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:17*	

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B59 2-4ft

Lab ID: 24E0861-05

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.60	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Alpha-BHC	ND	1.2	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Gamma-BHC	ND	0.60	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Heptachlor	ND	3.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Aldrin	ND	1.2	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Beta-BHC	ND	1.2	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Delta-BHC	ND	1.2	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Heptachlor Epoxide	ND	3.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Endosulfan I	ND	3.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
4,4-DDE	ND	0.60	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Dieldrin	ND	0.60	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Endrin	ND	3.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
4,4-DDD	ND	0.60	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Endosulfan II	ND	3.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
4,4-DDT	ND	0.60	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Endrin Aldehyde	ND	3.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
4,4-Methoxychlor	ND	3.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Endosulfan Sulfate	ND	3.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Endrin Ketone	ND	3.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Chlordane	ND	18	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Toxaphene	ND	60	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Alachlor	ND	30	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:29	
Surrogate: TCMX [1C]	*62.3 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:29*	
Surrogate: DCB [1C]	*73.8 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:29*	
Surrogate: TCMX [2C]	*60.7 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:29*	
Surrogate: DCB [2C]	*66.5 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:29*	

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B60 2-4ft

Lab ID: 24E0861-06

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.53	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Alpha-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Gamma-BHC	ND	0.53	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Heptachlor	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Aldrin	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Beta-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Delta-BHC	ND	1.1	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Heptachlor Epoxide	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Endosulfan I	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
4,4-DDE	**2.8**	0.53	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Dieldrin	ND	0.53	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Endrin	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
4,4-DDD	**0.86**	0.53	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Endosulfan II	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
4,4-DDT	**2.5**	0.53	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Endrin Aldehyde	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
4,4-Methoxychlor	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Endosulfan Sulfate	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Endrin Ketone	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Chlordane	ND	16	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Toxaphene	ND	53	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Alachlor	ND	26	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:40	
Surrogate: TCMX [1C]	*64.4 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:40*	
Surrogate: DCB [1C]	*73.4 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:40*	
Surrogate: TCMX [2C]	*63.8 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:40*	
Surrogate: DCB [2C]	*63.9 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:40*	

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

QUALITY CONTROL SECTION

Batch BE43008 - EPA 8270E

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE43008-BLK1)					Prepared: 5/30/2024 Analyzed: 5/31/2024				
Naphthalene	ND	100							
2-Methyl Naphthalene	ND	200							
Acenaphthylene	ND	100							
Acenaphthene	ND	100							
Fluorene	ND	100							
Phenanthrene	ND	100							
Anthracene	ND	100							
Fluoranthene	ND	100							
Pyrene	ND	100							
Benzo[a]anthracene	ND	100							
Chrysene	ND	100							
Benzo[b]fluoranthene	ND	100							
Benzo[k]fluoranthene	ND	100							
Benzo[a]pyrene	ND	100							
Indeno[1,2,3-cd]pyrene	ND	100							
Dibenz[a,h]anthracene	ND	100							
Benzo[g,h,i]perylene	ND	100							
Surrogate: Nitrobenzene-d5					*56.6*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*66.4*	*30 - 130*			
Surrogate: Terphenyl-d14					*81.0*	*30 - 130*			
LCS (BE43008-BS1)					Prepared: 5/30/2024 Analyzed: 5/31/2024				
Naphthalene	2570	100	4,000.000		64.2	40 - 140			
2-Methyl Naphthalene	2870	200	4,000.000		71.8	40 - 140			
Acenaphthylene	2880	100	4,000.000		71.9	40 - 140			
Acenaphthene	2960	100	4,000.000		74.0	40 - 140			
Fluorene	2980	100	4,000.000		74.4	40 - 140			
Phenanthrene	3100	100	4,000.000		77.5	40 - 140			
Anthracene	3070	100	4,000.000		76.7	40 - 140			
Fluoranthene	3170	100	4,000.000		79.3	40 - 140			
Pyrene	3100	100	4,000.000		77.5	40 - 140			
Benzo[a]anthracene	3040	100	4,000.000		76.0	40 - 140			
Chrysene	3170	100	4,000.000		79.3	40 - 140			
Benzo[b]fluoranthene	3140	100	4,000.000		78.5	40 - 140			
Benzo[k]fluoranthene	3540	100	4,000.000		88.4	40 - 140			
Benzo[a]pyrene	3210	100	4,000.000		80.3	40 - 140			
Indeno[1,2,3-cd]pyrene	3210	100	4,000.000		80.3	40 - 140			
Dibenz[a,h]anthracene	3180	100	4,000.000		79.6	40 - 140			
Benzo[g,h,i]perylene	3210	100	4,000.000		80.3	40 - 140			
Surrogate: Nitrobenzene-d5					*63.9*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*73.2*	*30 - 130*			
Surrogate: Terphenyl-d14					*88.2*	*30 - 130*			
LCS Dup (BE43008-BSD1)					Prepared: 5/30/2024 Analyzed: 5/31/2024				
Naphthalene	2530	100	4,000.000		63.4	40 - 140	1.31	30	
2-Methyl Naphthalene	2870	200	4,000.000		71.8	40 - 140	0.0178	30	
Acenaphthylene	2890	100	4,000.000		72.2	40 - 140	0.496	30	
Acenaphthene	2960	100	4,000.000		74.0	40 - 140	0.0588	30	
Fluorene	2990	100	4,000.000		74.8	40 - 140	0.577	30	

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BE43008-BSD1) - Continued					Prepared: 5/30/2024 Analyzed: 5/31/2024				
Phenanthrene	3130	100	4,000.000		78.2	40 - 140	0.902	30	
Anthracene	3090	100	4,000.000		77.2	40 - 140	0.595	30	
Fluoranthene	3200	100	4,000.000		80.1	40 - 140	1.04	30	
Pyrene	3150	100	4,000.000		78.8	40 - 140	1.67	30	
Benzo[a]anthracene	3170	100	4,000.000		79.4	40 - 140	4.29	30	
Chrysene	3240	100	4,000.000		81.1	40 - 140	2.31	30	
Benzo[b]fluoranthene	3280	100	4,000.000		82.0	40 - 140	4.38	30	
Benzo[k]fluoranthene	3530	100	4,000.000		88.2	40 - 140	0.265	30	
Benzo[a]pyrene	3260	100	4,000.000		81.5	40 - 140	1.47	30	
Indeno[1,2,3-cd]pyrene	3270	100	4,000.000		81.7	40 - 140	1.77	30	
Dibenz[a,h]anthracene	3240	100	4,000.000		81.0	40 - 140	1.74	30	
Benzo[g,h,i]perylene	3290	100	4,000.000		82.2	40 - 140	2.22	30	
Surrogate: Nitrobenzene-d5					*64.8*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*74.6*	*30 - 130*			
Surrogate: Terphenyl-d14					*91.5*	*30 - 130*			

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BE43118 - EPA 8081B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE43118-BLK1)					Prepared: 5/31/2024 Analyzed: 5/31/2024				
Hexachlorobenzene	ND	0.50							
Alpha-BHC	ND	1.0							
Gamma-BHC	ND	0.50							
Heptachlor	ND	2.5							
Aldrin	ND	1.0							
Beta-BHC	ND	1.0							
Delta-BHC	ND	1.0							
Heptachlor Epoxide	ND	2.5							
Endosulfan I	ND	2.5							
4,4-DDE	ND	0.50							
Dieldrin	ND	0.50							
Endrin	ND	2.5							
4,4-DDD	ND	0.50							
Endosulfan II	ND	2.5							
4,4-DDT	ND	0.50							
Endrin Aldehyde	ND	2.5							
4,4-Methoxychlor	ND	2.5							
Endosulfan Sulfate	ND	2.5							
Endrin Ketone	ND	2.5							
Chlordane	ND	15							
Toxaphene	ND	50							
Alachlor	ND	25							
Surrogate: TCMX [1C]					*95.8*	*30 - 150*			
Surrogate: DCB [1C]					*94.3*	*30 - 150*			
Surrogate: TCMX [2C]					*95.7*	*30 - 150*			
Surrogate: DCB [2C]					*88.5*	*30 - 150*			
LCS (BE43118-BS1)					Prepared: 5/31/2024 Analyzed: 5/31/2024				
Hexachlorobenzene	22.3	0.50	25.000		89.4	40 - 140			
Alpha-BHC	21.3	1.0	25.000		85.1	40 - 140			
Gamma-BHC	21.5	0.50	25.000		86.1	40 - 140			
Heptachlor	21.0	2.5	25.000		83.8	40 - 140			
Aldrin	23.0	1.0	25.000		92.2	40 - 140			
Beta-BHC	21.4	1.0	25.000		85.8	40 - 140			
Delta-BHC	21.2	1.0	25.000		85.0	40 - 140			
Heptachlor Epoxide	22.3	2.5	25.000		89.2	40 - 140			
Endosulfan I	22.9	2.5	25.000		91.5	40 - 140			
4,4-DDE	22.7	0.50	25.000		90.8	40 - 140			
Dieldrin	24.2	0.50	25.000		96.9	40 - 140			
Endrin	18.5	2.5	25.000		73.9	40 - 140			
4,4-DDD	23.6	0.50	25.000		94.2	40 - 140			
Endosulfan II	23.4	2.5	25.000		93.7	40 - 140			
4,4-DDT	20.2	0.50	25.000		80.8	40 - 140			
Endrin Aldehyde	24.9	2.5	25.000		99.7	40 - 140			
4,4-Methoxychlor	19.9	2.5	25.000		79.5	40 - 140			
Endosulfan Sulfate	25.0	2.5	25.000		100	40 - 140			
Endrin Ketone	26.9	2.5	25.000		108	40 - 140			
Alachlor	50.9	25	50.000		102	40 - 140			
Surrogate: TCMX [1C]					*98.5*	*30 - 150*			
Surrogate: DCB [1C]					*108*	*30 - 150*			
Surrogate: TCMX [2C]					*97.8*	*30 - 150*			
Surrogate: DCB [2C]					*109*	*30 - 150*			

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE43118-BS1) - Continued					Prepared: 5/31/2024 Analyzed: 5/31/2024				
LCS Dup (BE43118-BSD1)					Prepared: 5/31/2024 Analyzed: 5/31/2024				
Hexachlorobenzene	22.0	0.50	25.000		87.8	40 - 140	1.75	20	
Alpha-BHC	22.2	1.0	25.000		89.0	40 - 140	4.44	20	
Gamma-BHC	22.5	0.50	25.000		89.9	40 - 140	4.39	20	
Heptachlor	21.5	2.5	25.000		86.0	40 - 140	2.53	20	
Aldrin	23.9	1.0	25.000		95.4	40 - 140	3.46	20	
Beta-BHC	22.1	1.0	25.000		88.4	40 - 140	2.95	20	
Delta-BHC	22.1	1.0	25.000		88.6	40 - 140	4.16	20	
Heptachlor Epoxide	23.2	2.5	25.000		92.7	40 - 140	3.84	20	
Endosulfan I	23.6	2.5	25.000		94.5	40 - 140	3.25	20	
4,4-DDE	23.8	0.50	25.000		95.4	40 - 140	4.90	20	
Dieldrin	25.3	0.50	25.000		101	40 - 140	4.31	20	
Endrin	18.3	2.5	25.000		73.0	40 - 140	1.25	20	
4,4-DDD	24.6	0.50	25.000		98.2	40 - 140	4.14	20	
Endosulfan II	24.3	2.5	25.000		97.4	40 - 140	3.84	20	
4,4-DDT	20.2	0.50	25.000		80.9	40 - 140	0.0742	20	
Endrin Aldehyde	25.0	2.5	25.000		100	40 - 140	0.348	20	
4,4-Methoxychlor	19.6	2.5	25.000		78.2	40 - 140	1.54	20	
Endosulfan Sulfate	22.6	2.5	25.000		90.4	40 - 140	10.1	20	
Endrin Ketone	23.5	2.5	25.000		94.0	40 - 140	13.5	20	
Alachlor	53.8	25	50.000		108	40 - 140	5.53	20	
Surrogate: TCMX [1C]					*105*	*30 - 150*			
Surrogate: DCB [1C]					*111*	*30 - 150*			
Surrogate: TCMX [2C]					*102*	*30 - 150*			
Surrogate: DCB [2C]					*121*	*30 - 150*			

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BF40421 - EPA 8081B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF40421-BLK1)					Prepared: 6/4/2024 Analyzed: 6/4/2024				
Alpha-BHC	ND	0.0050							
Gamma-BHC	ND	0.0050							
Heptachlor	ND	0.0050							
Aldrin	ND	0.0050							
Beta-BHC	ND	0.0050							
Delta-BHC	ND	0.0050							
Heptachlor Epoxide	ND	0.0050							
Endosulfan I	ND	0.0050							
4,4-DDE	ND	0.0010							
Dieldrin	ND	0.0020							
Endrin	ND	0.022							
4,4-DDD	ND	0.0010							
Endosulfan II	ND	0.0050							
4,4-DDT	ND	0.0010							
Endrin Aldehyde	ND	0.0050							
4,4-Methoxychlor	ND	0.0050							
Endosulfan Sulfate	ND	0.0050							
Endrin Ketone	ND	0.0050							
Chlordane	ND	0.20							
Toxaphene	ND	0.80							
Alachlor	ND	0.20							
Surrogate: TCMX [1C]					*89.0*	*30 - 150*			
Surrogate: TCMX [2C]					*86.0*	*30 - 150*			
Surrogate: DCB [1C]					*80.0*	*30 - 150*			
Surrogate: DCB [2C]					*70.0*	*30 - 150*			
LCS (BF40421-BS1)					Prepared: 6/4/2024 Analyzed: 6/4/2024				
Alpha-BHC	0.0390	0.0050	0.050		78.0	50 - 150			
Gamma-BHC	0.0410	0.0050	0.050		82.0	50 - 150			
Heptachlor	0.0390	0.0050	0.050		78.0	50 - 150			
Aldrin	0.0420	0.0050	0.050		84.0	50 - 150			
Beta-BHC	0.0450	0.0050	0.050		90.0	50 - 150			
Delta-BHC	0.0400	0.0050	0.050		80.0	50 - 150			
Heptachlor Epoxide	0.0410	0.0050	0.050		82.0	50 - 150			
Endosulfan I	0.0410	0.0050	0.050		82.0	50 - 150			
4,4-DDE	0.0420	0.0010	0.050		84.0	50 - 150			
Dieldrin	0.0450	0.0020	0.050		90.0	50 - 150			
Endrin	0.0380	0.022	0.050		76.0	50 - 150			
4,4-DDD	0.0440	0.0010	0.050		88.0	50 - 150			
Endosulfan II	0.0440	0.0050	0.050		88.0	50 - 150			
4,4-DDT	0.0430	0.0010	0.050		86.0	50 - 150			
Endrin Aldehyde	0.0470	0.0050	0.050		94.0	50 - 150			
4,4-Methoxychlor	0.0410	0.0050	0.050		82.0	50 - 150			
Endosulfan Sulfate	0.0470	0.0050	0.050		94.0	50 - 150			
Endrin Ketone	0.0480	0.0050	0.050		96.0	50 - 150			
Alachlor	0.0840	0.20	0.100		84.0	50 - 150			
Surrogate: TCMX [1C]					*98.0*	*30 - 150*			
Surrogate: TCMX [2C]					*95.0*	*30 - 150*			
Surrogate: DCB [1C]					*87.0*	*30 - 150*			
Surrogate: DCB [2C]					*92.0*	*30 - 150*			
LCS Dup (BF40421-BSD1)					Prepared: 6/4/2024 Analyzed: 6/4/2024				

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BF40421-BSD1) - Continued					Prepared: 6/4/2024 Analyzed: 6/4/2024				
Alpha-BHC	0.0390	0.0050	0.050		78.0	50 - 150	0.00	20	
Gamma-BHC	0.0410	0.0050	0.050		82.0	50 - 150	0.00	20	
Heptachlor	0.0400	0.0050	0.050		80.0	50 - 150	2.53	20	
Aldrin	0.0420	0.0050	0.050		84.0	50 - 150	0.00	20	
Beta-BHC	0.0460	0.0050	0.050		92.0	50 - 150	2.20	20	
Delta-BHC	0.0410	0.0050	0.050		82.0	50 - 150	2.47	20	
Heptachlor Epoxide	0.0420	0.0050	0.050		84.0	50 - 150	2.41	20	
Endosulfan I	0.0430	0.0050	0.050		86.0	50 - 150	4.76	20	
4,4-DDE	0.0420	0.0010	0.050		84.0	50 - 150	0.00	20	
Dieldrin	0.0450	0.0020	0.050		90.0	50 - 150	0.00	20	
Endrin	0.0400	0.022	0.050		80.0	50 - 150	5.13	20	
4,4-DDD	0.0440	0.0010	0.050		88.0	50 - 150	0.00	20	
Endosulfan II	0.0420	0.0050	0.050		84.0	50 - 150	4.65	20	
4,4-DDT	0.0420	0.0010	0.050		84.0	50 - 150	2.35	20	
Endrin Aldehyde	0.0510	0.0050	0.050		102	50 - 150	8.16	20	
4,4-Methoxychlor	0.0430	0.0050	0.050		86.0	50 - 150	4.76	20	
Endosulfan Sulfate	0.0460	0.0050	0.050		92.0	50 - 150	2.15	20	
Endrin Ketone	0.0520	0.0050	0.050		104	50 - 150	8.00	20	
Alachlor	0.0900	0.20	0.100		90.0	50 - 150	6.90	20	
Surrogate: TCMX [1C]					*101*	*30 - 150*			
Surrogate: TCMX [2C]					*96.0*	*30 - 150*			
Surrogate: DCB [1C]					*89.0*	*30 - 150*			
Surrogate: DCB [2C]					*82.0*	*30 - 150*			

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Timothy Fusco



Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24E0861
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-8B

Sample Date(s): 05/20/2024, 05/21/2024

Laboratory Sample ID(s): 24E0861-01 thru 24E0861-06

List RCP Methods Used:

EPA 1312, EPA 8081B, EPA 8270E

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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☐ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 06/05/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

RCP Case Narrative

6- Client requested a subset of the RCP 8270 list.

7- Project specific QC was not requested by the client.

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BF40532		24E0861-02	B64 2-4ft	EPA 1312	Soil	05/20/2024
BE43118	S4F0314	24E0861-01	B61 2-4ft	EPA 8081B	Soil	05/20/2024
BE43118	S4F0314	24E0861-02	B64 2-4ft	EPA 8081B	Soil	05/20/2024
BE43118	S4F0314	24E0861-03	B24A 4-6ft	EPA 8081B	Soil	05/20/2024
BE43118	S4F0314	24E0861-04	B57 2-4ft	EPA 8081B	Soil	05/20/2024
BE43118	S4F0314	24E0861-05	B59 2-4ft	EPA 8081B	Soil	05/21/2024
BE43118	S4F0314	24E0861-06	B60 2-4ft	EPA 8081B	Soil	05/21/2024
BF40421	S4F0508	24E0861-02	B64 2-4ft	EPA 8081B	Soil	05/20/2024
BE43008	S4E3117	24E0861-01	B61 2-4ft	EPA 8270E	Soil	05/20/2024
BE43008	S4E3117	24E0861-02	B64 2-4ft	EPA 8270E	Soil	05/20/2024

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8081B in Soil	
Alpha-BHC	CT,NY,PA
Gamma-BHC	CT,NY,PA
Heptachlor	CT,NY,PA
Aldrin	CT,NY,PA
Beta-BHC	CT,NY,PA
Delta-BHC	CT,NY,PA
Heptachlor Epoxide	CT,NY,PA
Endosulfan I	CT,NY,PA
4,4-DDE	CT,NY,PA
Dieldrin	CT,NY,PA
Endrin	CT,NY,PA
4,4-DDD	CT,NY,PA
Endosulfan II	CT,NY,PA
4,4-DDT	CT,NY,PA
Endrin Aldehyde	CT,NY,PA
4,4-Methoxychlor	CT,NY,PA
Endosulfan Sulfate	CT,NY,PA
Endrin Ketone	CT,NY,PA
Chlordane	CT,NY,PA
Toxaphene	CT,NY,PA
Alachlor	CT
EPA 8081B in Water	
Alpha-BHC	CT
Gamma-BHC	CT
Heptachlor	CT
Aldrin	CT
Beta-BHC	CT
Delta-BHC	CT
Heptachlor Epoxide	CT
Endosulfan I	CT
4,4-DDE	CT
Dieldrin	CT
Endrin	CT
4,4-DDD	CT
Endosulfan II	CT
4,4-DDT	CT
Endrin Aldehyde	CT
4,4-Methoxychlor	CT
Endosulfan Sulfate	CT
Endrin Ketone	CT
Chlordane	CT
Toxaphene	CT
Alachlor	CT
EPA 8270E in Soil	
Naphthalene	CT,NY,PA
2-Methyl Naphthalene	CT,NY,PA
Acenaphthylene	CT,NY,PA
Acenaphthene	CT,NY,PA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270E in Soil	
Fluorene	CT,NY,PA
Phenanthrene	CT,NY,PA
Anthracene	CT,NY,PA
Fluoranthene	CT,NY,PA
Pyrene	CT,NY,PA
Benzo[a]anthracene	CT,NY,PA
Chrysene	CT,NY,PA
Benzo[b]fluoranthene	CT,NY,PA
Benzo[k]fluoranthene	CT,NY,PA
Benzo[a]pyrene	CT,NY,PA
Indeno[1,2,3-cd]pyrene	CT,NY,PA
Dibenz[a,h]anthracene	CT,NY,PA
Benzo[g,h,i]perylene	CT,NY,PA
SM 2540 G in Soil	
Percent Solids	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
NY	New York Certification (NELAC)	11982	04/01/2024
PA	Pennsylvania DEP	68-02927	05/31/2024

24E0861

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day*, Next Day*, Two Day*, Three Day*, Standard***

Metals: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs/PAH, PCBs ☐ SOX ☐ ASE, Pesticides, Herbicides, 8 RCRA, 13 Priority Poll., 15 CT DEEP, Total, SPLP, TCLP, Dissolved, Field Filter ☐ Lab Filter ☐

Additional Analysis: Hold, SPLP Pesticides

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Turnaround Time	8270 PNAs/PAH	Pesticides	Hold	SPLP Pesticides	TOTAL # OF CONT.	NOTE #
B61 2-4ft	5/20/24-0958	S	* See note **	X	X			1	1,2
B61 4-6ft	5/20/24-0956	S				X		1	1,2
B64 2-4ft	5/20/24-1112	S		X	X		X	1	1
B64 4-6ft	5/20/24-1110	S				X		1	1
B24A 4-6 ft	5/20/24 1322	S			X			1	1
B43 2-4 ft	5/20/24 1452	S				X		1	1
B43 4-6 ft.	5/20/24 1450	S				X		1	1
B57 2-4 ft.	5/20/24 1333	S			X			1	1
B57 4-6 ft.	5/20/24 1331	S				X		1	1
B59 2-4 ft.	5/21/24 0844	S			X			1	1
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)				C	C	C	C	10/16	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)				G	G	G	G		

Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	5/30/24-1005	DVSA 5/30/24 1005
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: * Need results within 5 business days by 6/5/24. Additional samples are being held that may be sent for additional analysis.
1, Please hold ** sampler for potential additional analysis.

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvic Inc.
Address: 40 Old Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: E-mail: danpinhoe@zuvic.com, ryan.onowski@zuvic.com
Phone #
Tax Status: ☐ Exempt

Project Information

Project: Evergreen Blvd Hill, Windsor, CT Soil Sampling PO #: —
Location: 1985 Blue Hills Ave. Ext., Windsor CT Project #: 23246-8B
CET Quote # 011823-B Collector(s): RD/GR
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format REG COMP Other
Reporting Limits: GA, RDEC Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 6 °C Evidence of Cooling: (Y) N
PAGE 1 OF 2

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

24E0861

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day*, Next Day*, Two Day*, Three Day*, Standard***

Metals: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs/PAH, PCBs ☐SOX ☐ASE, Pesticides, Herbicides, 8 RCRA, 13 Priority Poll., 15 CT DEEP, Total, SPLP, TCLP, Dissolved, Field Filter☐ Lab Filter☐

Additional Analysis: Hold, SPLP Pesticides

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day*	Next Day*	Two Day*	Three Day*	Standard***	Pesticides	Herbicides	Hold	SPLP Pesticides	TOTAL # OF CONT.	NOTE #
B59 4-6 ft.	5/20/24 0846	S	*See note*							X		1	1
B60 2-4 ft.	5/20/24 1018	S					X	X				1	1
B60 4-6 ft.	5/20/24 1018	S								X		1	1
B62 2-4 ft.	5/20/24 1152	S								X		1	1
B62 4-6 ft.	5/20/24 1150	S								X		1	1
~~B63 2-4 ft.~~	~~5/20/24~~	~~S~~					~~X~~	~~X~~		~~X~~	~~X~~	~~2~~	~~2~~
B63 4-6 ft.	5/20/24 1155	S								X		1	1
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)								C		C	C	7/~~8~~	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)								G		G	G		
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)													

RELINQUISHED BY: DATE/TIME: 5/30/24 - 1005 RECEIVED BY: [signature] 5/30/24 1005
RELINQUISHED BY: DATE/TIME: RECEIVED BY:
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES: * need results within 5 business days by 6/5/24. Additional samples are being held that may be sent for additional analysis.
1. Please hold samples for potential additional analysis

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvic Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report to: E-mail: dan@hae2uvic.com, ryan.onowski@zuvic.com
Phone #
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills, Windsor, CT. Soil Samplings PO #:
Location: 1485 Blue Hills Ave. Ext. Windsor, CT Project #: 23246-8B
CET Quote #: 011822-B Collector(s): RO/GR
QA/QC ☐ Std ☐ Site Specific (MS/MSD)* ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format: REG 2004 Other
Reporting Limits: GA, RDEC Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: ~~4~~ °C Evidence of Cooling: (Y) N

PAGE 2 OF 2

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dan Pinho
Zuvic, Inc.
40 Cold Spring Road
Rocky Hill, CT 06067

Analytical Report

CET# 24E0877

Report Date:June 07, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24E0877
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

SAMPLE SUMMARY

The sample(s) were received at 5.0°C.
This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B63 2-4ft	24E0877-01	Soil	5/20/2024 11:57	05/22/2024

Analyte: Percent Solids [SM 2540 G]

Analyst: SJP

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0877-01	B63 2-4ft	94	1.0	%	1	BE43125	05/31/2024	05/31/2024 14:09	

CET # : 24E0877
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B63 2-4ft

Lab ID: 24E0877-01

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.52	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Alpha-BHC	ND	1.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Gamma-BHC	ND	0.52	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Heptachlor	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Aldrin	ND	1.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Beta-BHC	ND	1.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Delta-BHC	ND	1.0	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Heptachlor Epoxide	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Endosulfan I	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
4,4-DDE	**4.4**	0.52	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Dieldrin	ND	0.52	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Endrin	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
4,4-DDD	ND	0.52	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Endosulfan II	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
4,4-DDT	**4.4**	0.52	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Endrin Aldehyde	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
4,4-Methoxychlor	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Endosulfan Sulfate	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Endrin Ketone	ND	2.6	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Chlordane	ND	16	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Toxaphene	ND	52	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Alachlor	ND	26	1	EPA 3546	BE43118	05/31/2024	06/03/2024 22:52	
Surrogate: TCMX [1C]	*72.5 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:52*	
Surrogate: DCB [1C]	*77.8 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:52*	
Surrogate: TCMX [2C]	*71.8 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:52*	
Surrogate: DCB [2C]	*67.9 %*	*30 - 150*			BE43118	05/31/2024	*06/03/2024 22:52*	

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Heptachlor	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Aldrin	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	

CET # : 24E0877
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B63 2-4ft

Lab ID: 24E0877-01

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Endosulfan I	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
4,4-DDE	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Dieldrin	ND	0.0020	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Endrin	ND	0.022	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Chlordane	ND	0.20	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Toxaphene	ND	0.80	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Alachlor	ND	0.20	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:22	
Surrogate: TCMX [1C]	*69.0 %*	*30 - 150*			BF40643	06/06/2024	*06/07/2024 11:22*	
Surrogate: TCMX [2C]	*65.0 %*	*30 - 150*			BF40643	06/06/2024	*06/07/2024 11:22*	
Surrogate: DCB [1C]	*67.0 %*	*30 - 150*			BF40643	06/06/2024	*06/07/2024 11:22*	
Surrogate: DCB [2C]	*56.0 %*	*30 - 150*			BF40643	06/06/2024	*06/07/2024 11:22*	

CET # : 24E0877
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

QUALITY CONTROL SECTION

Batch BE43118 - EPA 8081B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE43118-BLK1)					Prepared: 5/31/2024 Analyzed: 5/31/2024				
Hexachlorobenzene	ND	0.50							
Alpha-BHC	ND	1.0							
Gamma-BHC	ND	0.50							
Heptachlor	ND	2.5							
Aldrin	ND	1.0							
Beta-BHC	ND	1.0							
Delta-BHC	ND	1.0							
Heptachlor Epoxide	ND	2.5							
Endosulfan I	ND	2.5							
4,4-DDE	ND	0.50							
Dieldrin	ND	0.50							
Endrin	ND	2.5							
4,4-DDD	ND	0.50							
Endosulfan II	ND	2.5							
4,4-DDT	ND	0.50							
Endrin Aldehyde	ND	2.5							
4,4-Methoxychlor	ND	2.5							
Endosulfan Sulfate	ND	2.5							
Endrin Ketone	ND	2.5							
Chlordane	ND	15							
Toxaphene	ND	50							
Alachlor	ND	25							
Surrogate: TCMX [1C]					*95.8*	*30 - 150*			
Surrogate: DCB [1C]					*94.3*	*30 - 150*			
Surrogate: TCMX [2C]					*95.7*	*30 - 150*			
Surrogate: DCB [2C]					*88.5*	*30 - 150*			
LCS (BE43118-BS1)					Prepared: 5/31/2024 Analyzed: 5/31/2024				
Hexachlorobenzene	22.3	0.50	25.000		89.4	40 - 140			
Alpha-BHC	21.3	1.0	25.000		85.1	40 - 140			
Gamma-BHC	21.5	0.50	25.000		86.1	40 - 140			
Heptachlor	21.0	2.5	25.000		83.8	40 - 140			
Aldrin	23.0	1.0	25.000		92.2	40 - 140			
Beta-BHC	21.4	1.0	25.000		85.8	40 - 140			
Delta-BHC	21.2	1.0	25.000		85.0	40 - 140			
Heptachlor Epoxide	22.3	2.5	25.000		89.2	40 - 140			
Endosulfan I	22.9	2.5	25.000		91.5	40 - 140			
4,4-DDE	22.7	0.50	25.000		90.8	40 - 140			
Dieldrin	24.2	0.50	25.000		96.9	40 - 140			
Endrin	18.5	2.5	25.000		73.9	40 - 140			
4,4-DDD	23.6	0.50	25.000		94.2	40 - 140			
Endosulfan II	23.4	2.5	25.000		93.7	40 - 140			
4,4-DDT	20.2	0.50	25.000		80.8	40 - 140			
Endrin Aldehyde	24.9	2.5	25.000		99.7	40 - 140			
4,4-Methoxychlor	19.9	2.5	25.000		79.5	40 - 140			
Endosulfan Sulfate	25.0	2.5	25.000		100	40 - 140			
Endrin Ketone	26.9	2.5	25.000		108	40 - 140			
Alachlor	50.9	25	50.000		102	40 - 140			
Surrogate: TCMX [1C]					*98.5*	*30 - 150*			

CET # : 24E0877
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE43118-BS1) - Continued					Prepared: 5/31/2024 Analyzed: 5/31/2024				
Surrogate: DCB [1C]					*108*	*30 - 150*			
Surrogate: TCMX [2C]					*97.8*	*30 - 150*			
Surrogate: DCB [2C]					*109*	*30 - 150*			
LCS Dup (BE43118-BSD1)					Prepared: 5/31/2024 Analyzed: 5/31/2024				
Hexachlorobenzene	22.0	0.50	25.000		87.8	40 - 140	1.75	20	
Alpha-BHC	22.2	1.0	25.000		89.0	40 - 140	4.44	20	
Gamma-BHC	22.5	0.50	25.000		89.9	40 - 140	4.39	20	
Heptachlor	21.5	2.5	25.000		86.0	40 - 140	2.53	20	
Aldrin	23.9	1.0	25.000		95.4	40 - 140	3.46	20	
Beta-BHC	22.1	1.0	25.000		88.4	40 - 140	2.95	20	
Delta-BHC	22.1	1.0	25.000		88.6	40 - 140	4.16	20	
Heptachlor Epoxide	23.2	2.5	25.000		92.7	40 - 140	3.84	20	
Endosulfan I	23.6	2.5	25.000		94.5	40 - 140	3.25	20	
4,4-DDE	23.8	0.50	25.000		95.4	40 - 140	4.90	20	
Dieldrin	25.3	0.50	25.000		101	40 - 140	4.31	20	
Endrin	18.3	2.5	25.000		73.0	40 - 140	1.25	20	
4,4-DDD	24.6	0.50	25.000		98.2	40 - 140	4.14	20	
Endosulfan II	24.3	2.5	25.000		97.4	40 - 140	3.84	20	
4,4-DDT	20.2	0.50	25.000		80.9	40 - 140	0.0742	20	
Endrin Aldehyde	25.0	2.5	25.000		100	40 - 140	0.348	20	
4,4-Methoxychlor	19.6	2.5	25.000		78.2	40 - 140	1.54	20	
Endosulfan Sulfate	22.6	2.5	25.000		90.4	40 - 140	10.1	20	
Endrin Ketone	23.5	2.5	25.000		94.0	40 - 140	13.5	20	
Alachlor	53.8	25	50.000		108	40 - 140	5.53	20	
Surrogate: TCMX [1C]					*105*	*30 - 150*			
Surrogate: DCB [1C]					*111*	*30 - 150*			
Surrogate: TCMX [2C]					*102*	*30 - 150*			
Surrogate: DCB [2C]					*121*	*30 - 150*			
Matrix Spike (BE43118-MS1)		**Source: 24E0877-01**			Prepared: 5/31/2024 Analyzed: 6/3/2024				
Hexachlorobenzene	16.6	0.53	26.611	ND	62.2	30 - 150			
Alpha-BHC	18.5	1.1	26.611	ND	69.5	30 - 150			
Gamma-BHC	17.9	0.53	26.611	ND	67.2	30 - 150			
Heptachlor	19.3	2.7	26.611	ND	72.4	30 - 150			
Aldrin	20.1	1.1	26.611	ND	75.6	30 - 150			
Beta-BHC	20.5	1.1	26.611	ND	77.0	30 - 150			
Delta-BHC	18.1	1.1	26.611	ND	68.2	30 - 150			
Heptachlor Epoxide	19.6	2.7	26.611	ND	73.7	30 - 150			
Endosulfan I	20.1	2.7	26.611	ND	75.4	30 - 150			
4,4-DDE	25.7	0.53	26.611	4.42	79.9	30 - 150			
Dieldrin	22.6	0.53	26.611	ND	85.0	30 - 150			
Endrin	23.2	2.7	26.611	ND	87.2	30 - 150			
4,4-DDD	21.9	0.53	26.611	ND	82.1	30 - 150			
Endosulfan II	20.3	2.7	26.611	ND	76.4	30 - 150			
4,4-DDT	25.4	0.53	26.611	4.37	79.1	30 - 150			
Endrin Aldehyde	12.0	2.7	26.611	ND	45.2	30 - 150			
4,4-Methoxychlor	21.7	2.7	26.611	ND	81.4	30 - 150			
Endosulfan Sulfate	22.4	2.7	26.611	ND	84.1	30 - 150			
Endrin Ketone	21.8	2.7	26.611	ND	81.9	30 - 150			
Alachlor	46.7	27	53.221	ND	87.7	30 - 150			
Surrogate: TCMX [1C]					*76.9*	*30 - 150*			
Surrogate: DCB [1C]					*88.8*	*30 - 150*			
Surrogate: TCMX [2C]					*74.3*	*30 - 150*			

CET # : 24E0877
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Matrix Spike (BE43118-MS1) - Continued		**Source: 24E0877-01**			Prepared: 5/31/2024 Analyzed: 6/3/2024				
Surrogate: DCB [2C]					*79.7*	*30 - 150*			
Matrix Spike Dup (BE43118-MSD1)		**Source: 24E0877-01**			Prepared: 5/31/2024 Analyzed: 6/3/2024				
Hexachlorobenzene	16.4	0.53	26.452	ND	61.8	30 - 150	1.23	30	
Alpha-BHC	17.9	1.1	26.452	ND	67.7	30 - 150	3.22	30	
Gamma-BHC	17.4	0.53	26.452	ND	65.7	30 - 150	2.90	30	
Heptachlor	18.9	2.6	26.452	ND	71.6	30 - 150	1.78	30	
Aldrin	19.5	1.1	26.452	ND	73.7	30 - 150	3.18	30	
Beta-BHC	19.6	1.1	26.452	ND	74.2	30 - 150	4.38	30	
Delta-BHC	17.4	1.1	26.452	ND	65.6	30 - 150	4.42	30	
Heptachlor Epoxide	19.1	2.6	26.452	ND	72.2	30 - 150	2.63	30	
Endosulfan I	19.3	2.6	26.452	ND	72.9	30 - 150	4.04	30	
4,4-DDE	25.0	0.53	26.452	4.42	78.0	30 - 150	2.52	30	
Dieldrin	21.8	0.53	26.452	ND	82.6	30 - 150	3.47	30	
Endrin	22.3	2.6	26.452	ND	84.2	30 - 150	4.05	30	
4,4-DDD	21.5	0.53	26.452	ND	81.4	30 - 150	1.45	30	
Endosulfan II	19.4	2.6	26.452	ND	73.3	30 - 150	4.78	30	
4,4-DDT	24.0	0.53	26.452	4.37	74.1	30 - 150	5.82	30	
Endrin Aldehyde	11.8	2.6	26.452	ND	44.5	30 - 150	2.13	30	
4,4-Methoxychlor	21.3	2.6	26.452	ND	80.6	30 - 150	1.57	30	
Endosulfan Sulfate	21.4	2.6	26.452	ND	80.9	30 - 150	4.55	30	
Endrin Ketone	23.2	2.6	26.452	ND	87.8	30 - 150	6.40	30	
Alachlor	47.4	26	52.905	ND	89.7	30 - 150	1.56	30	
Surrogate: TCMX [1C]					*77.2*	*30 - 150*			
Surrogate: DCB [1C]					*90.1*	*30 - 150*			
Surrogate: TCMX [2C]					*75.0*	*30 - 150*			
Surrogate: DCB [2C]					*78.5*	*30 - 150*			

CET # : 24E0877
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BF40643 - EPA 8081B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF40643-BLK1)					Prepared: 6/6/2024 Analyzed: 6/7/2024				
Alpha-BHC	ND	0.0050							
Gamma-BHC	ND	0.0050							
Heptachlor	ND	0.0050							
Aldrin	ND	0.0050							
Beta-BHC	ND	0.0050							
Delta-BHC	ND	0.0050							
Heptachlor Epoxide	ND	0.0050							
Endosulfan I	ND	0.0050							
4,4-DDE	ND	0.0010							
Dieldrin	ND	0.0020							
Endrin	ND	0.022							
4,4-DDD	ND	0.0010							
Endosulfan II	ND	0.0050							
4,4-DDT	ND	0.0010							
Endrin Aldehyde	ND	0.0050							
4,4-Methoxychlor	ND	0.0050							
Endosulfan Sulfate	ND	0.0050							
Endrin Ketone	ND	0.0050							
Chlordane	ND	0.20							
Toxaphene	ND	0.80							
Alachlor	ND	0.20							
Surrogate: TCMX [1C]					*70.0*	*30 - 150*			
Surrogate: TCMX [2C]					*65.0*	*30 - 150*			
Surrogate: DCB [1C]					*53.0*	*30 - 150*			
Surrogate: DCB [2C]					*55.0*	*30 - 150*			
LCS (BF40643-BS1)					Prepared: 6/6/2024 Analyzed: 6/7/2024				
Alpha-BHC	0.0370	0.0050	0.050		74.0	50 - 150			
Gamma-BHC	0.0390	0.0050	0.050		78.0	50 - 150			
Heptachlor	0.0350	0.0050	0.050		70.0	50 - 150			
Aldrin	0.0370	0.0050	0.050		74.0	50 - 150			
Beta-BHC	0.0460	0.0050	0.050		92.0	50 - 150			
Delta-BHC	0.0380	0.0050	0.050		76.0	50 - 150			
Heptachlor Epoxide	0.0410	0.0050	0.050		82.0	50 - 150			
Endosulfan I	0.0430	0.0050	0.050		86.0	50 - 150			
4,4-DDE	0.0410	0.0010	0.050		82.0	50 - 150			
Dieldrin	0.0440	0.0020	0.050		88.0	50 - 150			
Endrin	0.0360	0.022	0.050		72.0	50 - 150			
4,4-DDD	0.0440	0.0010	0.050		88.0	50 - 150			
Endosulfan II	0.0410	0.0050	0.050		82.0	50 - 150			
4,4-DDT	0.0380	0.0010	0.050		76.0	50 - 150			
Endrin Aldehyde	0.0450	0.0050	0.050		90.0	50 - 150			
4,4-Methoxychlor	0.0450	0.0050	0.050		90.0	50 - 150			
Endosulfan Sulfate	0.0430	0.0050	0.050		86.0	50 - 150			
Endrin Ketone	0.0460	0.0050	0.050		92.0	50 - 150			
Alachlor	0.118	0.20	0.100		118	50 - 150			
Surrogate: TCMX [1C]					*66.0*	*30 - 150*			
Surrogate: TCMX [2C]					*60.0*	*30 - 150*			
Surrogate: DCB [1C]					*75.0*	*30 - 150*			
Surrogate: DCB [2C]					*65.0*	*30 - 150*			
LCS Dup (BF40643-BSD1)					Prepared: 6/6/2024 Analyzed: 6/7/2024				

CET # : 24E0877
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BF40643-BSD1) - Continued					Prepared: 6/6/2024 Analyzed: 6/7/2024				
Alpha-BHC	0.0390	0.0050	0.050		78.0	50 - 150	5.26	20	
Gamma-BHC	0.0410	0.0050	0.050		82.0	50 - 150	5.00	20	
Heptachlor	0.0370	0.0050	0.050		74.0	50 - 150	5.56	20	
Aldrin	0.0400	0.0050	0.050		80.0	50 - 150	7.79	20	
Beta-BHC	0.0490	0.0050	0.050		98.0	50 - 150	6.32	20	
Delta-BHC	0.0390	0.0050	0.050		78.0	50 - 150	2.60	20	
Heptachlor Epoxide	0.0440	0.0050	0.050		88.0	50 - 150	7.06	20	
Endosulfan I	0.0460	0.0050	0.050		92.0	50 - 150	6.74	20	
4,4-DDE	0.0450	0.0010	0.050		90.0	50 - 150	9.30	20	
Dieldrin	0.0460	0.0020	0.050		92.0	50 - 150	4.44	20	
Endrin	0.0410	0.022	0.050		82.0	50 - 150	13.0	20	
4,4-DDD	0.0480	0.0010	0.050		96.0	50 - 150	8.70	20	
Endosulfan II	0.0460	0.0050	0.050		92.0	50 - 150	11.5	20	
4,4-DDT	0.0420	0.0010	0.050		84.0	50 - 150	10.0	20	
Endrin Aldehyde	0.0490	0.0050	0.050		98.0	50 - 150	8.51	20	
4,4-Methoxychlor	0.0480	0.0050	0.050		96.0	50 - 150	6.45	20	
Endosulfan Sulfate	0.0480	0.0050	0.050		96.0	50 - 150	11.0	20	
Endrin Ketone	0.0520	0.0050	0.050		104	50 - 150	12.2	20	
Alachlor	0.124	0.20	0.100		124	50 - 150	4.96	20	
Surrogate: TCMX [1C]					*70.0*	*30 - 150*			
Surrogate: TCMX [2C]					*67.0*	*30 - 150*			
Surrogate: DCB [1C]					*84.0*	*30 - 150*			
Surrogate: DCB [2C]					*63.0*	*30 - 150*			

CET # : 24E0877
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by David Ditta



Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24E0877
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-8B

Sample Date(s): 05/20/2024 ***Laboratory Sample ID(s):*** 24E0877-01

List RCP Methods Used:

EPA 1312, EPA 8081B

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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☑ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 06/07/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BF40532		24E0877-01	B63 2-4ft	EPA 1312	Soil	05/20/2024
BE43118	S4F0314	24E0877-01	B63 2-4ft	EPA 8081B	Soil	05/20/2024
BF40643	S4F0708	24E0877-01	B63 2-4ft	EPA 8081B	Soil	05/20/2024

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8081B in Soil	
Alpha-BHC	CT,NY,PA
Gamma-BHC	CT,NY,PA
Heptachlor	CT,NY,PA
Aldrin	CT,NY,PA
Beta-BHC	CT,NY,PA
Delta-BHC	CT,NY,PA
Heptachlor Epoxide	CT,NY,PA
Endosulfan I	CT,NY,PA
4,4-DDE	CT,NY,PA
Dieldrin	CT,NY,PA
Endrin	CT,NY,PA
4,4-DDD	CT,NY,PA
Endosulfan II	CT,NY,PA
4,4-DDT	CT,NY,PA
Endrin Aldehyde	CT,NY,PA
4,4-Methoxychlor	CT,NY,PA
Endosulfan Sulfate	CT,NY,PA
Endrin Ketone	CT,NY,PA
Chlordane	CT,NY,PA
Toxaphene	CT,NY,PA
Alachlor	CT
EPA 8081B in Water	
Alpha-BHC	CT
Gamma-BHC	CT
Heptachlor	CT
Aldrin	CT
Beta-BHC	CT
Delta-BHC	CT
Heptachlor Epoxide	CT
Endosulfan I	CT
4,4-DDE	CT
Dieldrin	CT
Endrin	CT
4,4-DDD	CT
Endosulfan II	CT
4,4-DDT	CT
Endrin Aldehyde	CT
4,4-Methoxychlor	CT
Endosulfan Sulfate	CT
Endrin Ketone	CT
Chlordane	CT
Toxaphene	CT
Alachlor	CT
SM 2540 G in Soil	
Percent Solids	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
NY	New York Certification (NELAC)	11982	04/01/2024
PA	Pennsylvania DEP	68-02927	05/31/2024

Megan Carpenter

From: Dan Pinho <danpinho@zuvic.com>
Sent: Wednesday, May 29, 2024 9:32 PM
To: CET Services
Cc: Tory Man; Ryan Orlowski
Subject: 24E0689_Lab Chain - Request additional analysis - 5-29-2024
Attachments: 24E0689_Lab Chain - Request additional analysis - 5-29-2024.pdf

Good evening CET,

Below is a request for additional testing for B63 2-4 ft. Please find attached the revised lab chain for the request below. Please call if there are any questions. Please confirm receipt.

CET Report 24E0689

Sample ID	Additional Analysis
B63 2-4'	Pests, SPLP Pests

Thank you,

Daniel Pinho, LEP • Project Manager
860.899.1918 (direct) • 860.436.4901 (main)

ZUVIC | Infrastructure Solutions

40 Cold Spring Road, Suite 1, Rocky Hill, Connecticut 06067
WWW.ZUVIC.COM

24E0877

A1 - standard TAT, DP, 5/29/2024

CHAIN OF CUSTODY

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Volatile Soils Only:
Date and Time in Freezer
Client: 5/21/24 1800
CET: 05/22/24 16:00

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day *	Next Day *	Two Day *	Three Day *	Standard ***	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	Metals: 8 RCRA Cr, Ni	13 Priority Poll.	15 CT DEEP	Total	SPLP	TCLP	Dissolved	Lab Filter ☐ Field Filter ☐	Additional Analysis: Hold	SPLP Pesticides	TOTAL # OF CONT.	NOTE #
B5S 0.5-2 ft	5/20/24-0918	S	*	See note A							X															1	1
B5S 10-12ft	5/21/24-0824	S									X															1	1
B6S 2-4ft	5/20/24-1157	S						X							A1										A1	4	1
B27A 2-4ft	5/21/24-1034	S						X				X														4	1
B27A 6-7.5ft	5/21/24-1036	S						X							X									X		4	1, 2
B4S 2-4ft	5/21/24-1014	S						X				X														4	1
B4S 4-5ft	5/21/24-1015	S						X				X					X							X		4	1, 2
B5L 4-6ft	5/21/24-1000	S									X		X													1	1
B5S 0-2ft	5/21/24-0935	S													X											1	1
B5S 6-8ft	5/21/24-0937	S									X		X													1	1
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)								C			C	C	C		C		C							C		25
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)								V			G	G	G		G		G							G		
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)								MS																		

Running Total = 25

RELINQUISHED BY: DATE/TIME: 5/22/24 (0940) RECEIVED BY:
RELINQUISHED BY: DATE/TIME: 5/22/24 14:15 RECEIVED BY: 05/22/24 14:15
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES: Need Results within 5 business days by 5/30/24. Additional samples are being held that may be sent for additional analysis
1) Please hold sample for future analysis
2) hold VOC vials for future analysis
*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuni Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: E-mail: carpenter@zuni.com, ryan.oneill@zuni.com
Phone #:
Tax Status: ☐ Exempt

Project Information

Project: Evergreen Blue Hills, Winsor Soil Sampling PO #:
Location: East Blue Hills Ave Ext. Winsor CT Project #: 23246-88
CET Quote #: 011823-B Collector(s): RO/GR
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format: RE6 COMP Other:
Reporting Limits: GA, RDEL Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 5 °C Evidence of Cooling: Y N

PAGE 1 OF 3

REV 01/23

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

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Client: Mr. Dan Pinho
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40 Cold Spring Road
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Analytical Report

CET# 24E0899

Report Date:June 07, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

SAMPLE SUMMARY

The sample(s) were received at 5.0°C.
This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B48 4-5ft	24E0899-01	Soil	5/21/2024 10:15	05/22/2024
B56 2-4ft	24E0899-02	Soil	5/21/2024 9:02	05/22/2024
B44 2-4ft	24E0899-03	Soil	5/21/2024 11:58	05/22/2024
B47 8-9.5ft	24E0899-04	Soil	5/21/2024 10:56	05/22/2024
B42 0-2ft	24E0899-05	Soil	5/21/2024 13:25	05/22/2024

Client Sample ID B48 4-5ft

Lab ID: 24E0899-01

SPLP Metals **Analyst: EAS**

Method: EPA 6020B-1312 **Matrix: Extract**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Chromium	ND	0.056	1	EPA 3005A	BF40435	06/04/2024	06/04/2024 14:38	
Arsenic	ND	0.010	1	EPA 3005A	BF40435	06/04/2024	06/04/2024 14:38	
Barium	**0.094**	0.056	1	EPA 3005A	BF40435	06/04/2024	06/04/2024 14:38	
Nickel	ND	0.056	1	EPA 3005A	BF40435	06/04/2024	06/04/2024 14:38	

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B56 2-4ft

Lab ID: 24E0899-02

SPLP Semivolatiles **Analyst: STP**

Method: EPA 8270E-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Acenaphthylene	ND	0.30	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Acenaphthene	ND	1.0	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Fluorene	ND	1.0	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Phenanthrene	**1.2**	0.077	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Anthracene	ND	1.0	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Fluoranthene	ND	1.0	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Pyrene	ND	1.0	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Chrysene	ND	1.0	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	BF40612	06/06/2024	06/06/2024 16:16	
Surrogate: Nitrobenzene-d5	*72.4 %*		*30 - 130*		BF40612	06/06/2024	*06/06/2024 16:16*	
Surrogate: 2-Fluorobiphenyl	*69.8 %*		*30 - 130*		BF40612	06/06/2024	*06/06/2024 16:16*	
Surrogate: Terphenyl-d14	*111 %*		*30 - 130*		BF40612	06/06/2024	*06/06/2024 16:16*	

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B44 2-4ft

Lab ID: 24E0899-03

SPLP Metals **Analyst: EAS**

Method: EPA 6020B-1312 **Matrix: Extract**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**0.053**	0.014	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:49	
Selenium	ND	0.011	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:49	
Cadmium	ND	0.0056	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:49	
Chromium	ND	0.056	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:49	
Arsenic	ND	0.010	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:49	
Barium	ND	0.056	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:49	
Silver	ND	0.022	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:49	
Copper	ND	0.044	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:49	
Nickel	ND	0.056	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:49	
Zinc	**0.075**	0.022	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:49	
Mercury	ND	0.0022	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:49	

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Heptachlor	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Aldrin	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Endosulfan I	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
4,4-DDE	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Dieldrin	ND	0.0020	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Endrin	ND	0.022	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Chlordane	ND	0.20	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Toxaphene	ND	0.80	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Alachlor	ND	0.20	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:33	
Surrogate: TCMX [1C]	*67.0 %*	*30 - 150*			BF40643	06/06/2024	*06/07/2024 11:33*	

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B44 2-4ft

Lab ID: 24E0899-03

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: TCMX [2C]	*74.0 %*		*30 - 150*		BF40643	06/06/2024	*06/07/2024 11:33*	
Surrogate: DCB [1C]	*61.0 %*		*30 - 150*		BF40643	06/06/2024	*06/07/2024 11:33*	
Surrogate: DCB [2C]	*67.0 %*		*30 - 150*		BF40643	06/06/2024	*06/07/2024 11:33*	

Client Sample ID B47 8-9.5ft

Lab ID: 24E0899-04

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Heptachlor	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Aldrin	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Endosulfan I	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
4,4-DDE	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Dieldrin	ND	0.0020	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Endrin	ND	0.022	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Chlordane	ND	0.20	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Toxaphene	ND	0.80	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Alachlor	ND	0.20	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:45	
Surrogate: TCMX [1C]	*68.0 %*		*30 - 150*		BF40643	06/06/2024	*06/07/2024 11:45*	
Surrogate: TCMX [2C]	*67.0 %*		*30 - 150*		BF40643	06/06/2024	*06/07/2024 11:45*	
Surrogate: DCB [1C]	*81.0 %*		*30 - 150*		BF40643	06/06/2024	*06/07/2024 11:45*	
Surrogate: DCB [2C]	*66.0 %*		*30 - 150*		BF40643	06/06/2024	*06/07/2024 11:45*	

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B42 0-2ft

Lab ID: 24E0899-05

SPLP Metals **Analyst: EAS**

Method: EPA 6020B-1312 **Matrix: Extract**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.014	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:54	
Selenium	ND	0.011	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:54	
Cadmium	ND	0.0056	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:54	
Chromium	ND	0.056	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:54	
Arsenic	ND	0.010	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:54	
Barium	ND	0.056	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:54	
Silver	ND	0.022	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:54	
Copper	ND	0.044	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:54	
Nickel	ND	0.056	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:54	
Zinc	**0.025**	0.022	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:54	
Mercury	ND	0.0022	1	EPA 3005A	BF40533	06/05/2024	06/05/2024 13:54	

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Heptachlor	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Aldrin	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Endosulfan I	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
4,4-DDE	**0.0060**	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Dieldrin	ND	0.0020	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Endrin	ND	0.022	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Chlordane	ND	0.20	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Toxaphene	ND	0.80	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Alachlor	ND	0.20	1	EPA 3510C	BF40643	06/06/2024	06/07/2024 11:56	
Surrogate: TCMX [1C]	*73.0 %*	*30 - 150*			BF40643	06/06/2024	*06/07/2024 11:56*	

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B42 0-2ft

Lab ID: 24E0899-05

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: TCMX [2C]	*71.0 %*		*30 - 150*		BF40643	06/06/2024	*06/07/2024 11:56*	
Surrogate: DCB [1C]	*74.0 %*		*30 - 150*		BF40643	06/06/2024	*06/07/2024 11:56*	
Surrogate: DCB [2C]	*75.0 %*		*30 - 150*		BF40643	06/06/2024	*06/07/2024 11:56*	

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

QUALITY CONTROL SECTION

Batch BF40435 - EPA 6020B

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF40435-BLK1)					Prepared: 6/4/2024 Analyzed: 6/4/2024				
Lead	ND	0.014							
Selenium	ND	0.011							
Cadmium	ND	0.0056							
Chromium	ND	0.056							
Arsenic	ND	0.010							
Barium	ND	0.056							
Silver	ND	0.022							
Copper	ND	0.044							
Nickel	ND	0.056							
Zinc	ND	0.022							
Mercury	ND	0.0022							
Blank (BF40435-BLK2)					Prepared: 6/4/2024 Analyzed: 6/4/2024				
Lead	ND	0.014							
Selenium	ND	0.011							
Cadmium	ND	0.0056							
Chromium	ND	0.056							
Arsenic	ND	0.010							
Barium	ND	0.056							
Silver	ND	0.022							
Copper	ND	0.044							
Nickel	ND	0.056							
Zinc	ND	0.022							
Mercury	ND	0.0022							
LCS (BF40435-BS1)					Prepared: 6/4/2024 Analyzed: 6/4/2024				
Lead	0.235	0.015	0.222		106	80 - 120			
Selenium	0.443	0.011	0.444		99.6	80 - 120			
Cadmium	0.225	0.0057	0.222		101	80 - 120			
Chromium	0.237	0.057	0.222		107	80 - 120			
Arsenic	0.231	0.010	0.222		104	80 - 120			
Barium	0.229	0.057	0.222		103	80 - 120			
Silver	0.103	0.023	0.111		92.4	80 - 120			
Copper	0.223	0.045	0.222		100	80 - 120			
Nickel	0.225	0.057	0.222		101	80 - 120			
Zinc	0.225	0.023	0.222		101	80 - 120			
Mercury	0.00498	0.0023	0.006		89.6	80 - 120			
LCS (BF40435-BS2)					Prepared: 6/4/2024 Analyzed: 6/4/2024				
Lead	0.239	0.015	0.222		108	80 - 120			
Selenium	0.439	0.011	0.444		98.8	80 - 120			
Cadmium	0.229	0.0057	0.222		103	80 - 120			
Chromium	0.242	0.057	0.222		109	80 - 120			
Arsenic	0.230	0.010	0.222		104	80 - 120			
Barium	0.234	0.057	0.222		105	80 - 120			
Silver	0.104	0.023	0.111		93.5	80 - 120			
Copper	0.226	0.045	0.222		102	80 - 120			
Nickel	0.229	0.057	0.222		103	80 - 120			
Zinc	0.227	0.023	0.222		102	80 - 120			
Mercury	0.00507	0.0023	0.006		91.2	80 - 120			

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BF40435-BSD1)					Prepared: 6/4/2024 Analyzed: 6/4/2024				
Lead	0.205	0.015	0.222		92.0	80 - 120	14.0	20	
Selenium	0.379	0.011	0.444		85.3	80 - 120	15.5	20	
Cadmium	0.195	0.0057	0.222		87.7	80 - 120	14.5	20	
Chromium	0.202	0.057	0.222		91.1	80 - 120	15.7	20	
Arsenic	0.197	0.010	0.222		88.8	80 - 120	15.5	20	
Barium	0.197	0.057	0.222		88.4	80 - 120	15.3	20	
Silver	0.103	0.023	0.111		92.4	80 - 120	0.0181	20	
Copper	0.192	0.045	0.222		86.5	80 - 120	14.7	20	
Nickel	0.191	0.057	0.222		86.1	80 - 120	16.3	20	
Zinc	0.192	0.023	0.222		86.4	80 - 120	15.8	20	
Mercury	0.00499	0.0023	0.006		89.8	80 - 120	0.283	20	
LCS Dup (BF40435-BSD2)					Prepared: 6/4/2024 Analyzed: 6/4/2024				
Lead	0.205	0.015	0.222		92.3	80 - 120	15.3	20	
Selenium	0.381	0.011	0.444		85.8	80 - 120	14.1	20	
Cadmium	0.197	0.0057	0.222		88.5	80 - 120	15.3	20	
Chromium	0.206	0.057	0.222		92.6	80 - 120	16.3	20	
Arsenic	0.199	0.010	0.222		89.5	80 - 120	14.7	20	
Barium	0.197	0.057	0.222		88.7	80 - 120	17.1	20	
Silver	0.103	0.023	0.111		93.0	80 - 120	0.553	20	
Copper	0.194	0.045	0.222		87.3	80 - 120	15.4	20	
Nickel	0.193	0.057	0.222		87.0	80 - 120	17.1	20	
Zinc	0.194	0.023	0.222		87.4	80 - 120	15.4	20	
Mercury	0.00502	0.0023	0.006		90.4	80 - 120	0.861	20	

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BF40533 - EPA 6020B

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF40533-BLK1)					Prepared: 6/5/2024 Analyzed: 6/5/2024				
Lead	ND	0.014							
Selenium	ND	0.011							
Cadmium	ND	0.0056							
Chromium	ND	0.056							
Arsenic	ND	0.010							
Barium	ND	0.056							
Silver	ND	0.022							
Copper	ND	0.044							
Nickel	ND	0.056							
Zinc	ND	0.022							
Mercury	ND	0.0022							
LCS (BF40533-BS1)					Prepared: 6/5/2024 Analyzed: 6/5/2024				
Lead	0.203	0.015	0.200		101	80 - 120			
Selenium	0.380	0.011	0.400		95.1	80 - 120			
Cadmium	0.195	0.0057	0.200		97.5	80 - 120			
Chromium	0.201	0.057	0.200		100	80 - 120			
Arsenic	0.198	0.010	0.200		99.0	80 - 120			
Barium	0.197	0.057	0.200		98.7	80 - 120			
Silver	0.0981	0.023	0.100		98.1	80 - 120			
Copper	0.195	0.045	0.200		97.7	80 - 120			
Nickel	0.190	0.057	0.200		95.0	80 - 120			
Zinc	0.191	0.023	0.200		95.5	80 - 120			
Mercury	0.00480	0.0023	0.005		96.1	80 - 120			
LCS Dup (BF40533-BSD1)					Prepared: 6/5/2024 Analyzed: 6/5/2024				
Lead	0.208	0.015	0.200		104	80 - 120	2.61	20	
Selenium	0.390	0.011	0.400		97.5	80 - 120	2.57	20	
Cadmium	0.199	0.0057	0.200		99.4	80 - 120	1.87	20	
Chromium	0.209	0.057	0.200		105	80 - 120	4.17	20	
Arsenic	0.205	0.010	0.200		103	80 - 120	3.56	20	
Barium	0.200	0.057	0.200		99.9	80 - 120	1.21	20	
Silver	0.102	0.023	0.100		102	80 - 120	3.73	20	
Copper	0.204	0.045	0.200		102	80 - 120	4.13	20	
Nickel	0.198	0.057	0.200		99.0	80 - 120	4.14	20	
Zinc	0.201	0.023	0.200		100	80 - 120	5.02	20	
Mercury	0.00504	0.0023	0.005		101	80 - 120	4.73	20	

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BF40612 - EPA 8270E

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF40612-BLK1)					Prepared: 6/6/2024 Analyzed: 6/6/2024				
Naphthalene	ND	1.0							
2-Methyl Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Fluorene	ND	1.0							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Fluoranthene	ND	1.0							
Pyrene	ND	1.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	1.0							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.20							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: Nitrobenzene-d5					*81.6*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*82.8*	*30 - 130*			
Surrogate: Terphenyl-d14					*121*	*30 - 130*			
LCS (BF40612-BS1)					Prepared: 6/6/2024 Analyzed: 6/6/2024				
Naphthalene	1.41	1.0	2.000		70.5	40 - 140			
2-Methyl Naphthalene	1.40	1.0	2.000		70.0	40 - 140			
Acenaphthylene	1.44	0.30	2.000		72.0	40 - 140			
Acenaphthene	1.52	1.0	2.000		76.0	40 - 140			
Fluorene	1.57	1.0	2.000		78.5	40 - 140			
Phenanthrene	1.50	0.077	2.000		75.0	40 - 140			
Anthracene	1.51	1.0	2.000		75.5	40 - 140			
Fluoranthene	1.64	1.0	2.000		82.0	40 - 140			
Pyrene	1.65	1.0	2.000		82.5	40 - 140			
Benzo[a]anthracene	1.75	0.060	2.000		87.5	40 - 140			
Chrysene	1.78	1.0	2.000		89.0	40 - 140			
Benzo[b]fluoranthene	1.73	0.080	2.000		86.5	40 - 140			
Benzo[k]fluoranthene	1.71	0.30	2.000		85.5	40 - 140			
Benzo[a]pyrene	1.64	0.20	2.000		82.0	40 - 140			
Indeno[1,2,3-cd]pyrene	1.74	0.10	2.000		87.0	40 - 140			
Dibenz[a,h]anthracene	1.75	0.10	2.000		87.5	40 - 140			
Benzo[g,h,i]perylene	1.80	0.40	2.000		90.0	40 - 140			
Surrogate: Nitrobenzene-d5					*84.2*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*80.4*	*30 - 130*			
Surrogate: Terphenyl-d14					*120*	*30 - 130*			
LCS Dup (BF40612-BSD1)					Prepared: 6/6/2024 Analyzed: 6/6/2024				
Naphthalene	1.35	1.0	2.000		67.5	40 - 140	4.35	20	
2-Methyl Naphthalene	1.37	1.0	2.000		68.5	40 - 140	2.17	20	
Acenaphthylene	1.47	0.30	2.000		73.5	40 - 140	2.06	20	
Acenaphthene	1.53	1.0	2.000		76.5	40 - 140	0.656	20	
Fluorene	1.57	1.0	2.000		78.5	40 - 140	0.00	20	
Phenanthrene	1.51	0.077	2.000		75.5	40 - 140	0.664	20	
Anthracene	1.56	1.0	2.000		78.0	40 - 140	3.26	20	
Fluoranthene	1.63	1.0	2.000		81.5	40 - 140	0.612	20	

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BF40612-BSD1) - Continued					Prepared: 6/6/2024 Analyzed: 6/6/2024				
Pyrene	1.62	1.0	2.000		81.0	40 - 140	1.83	20	
Benzo[a]anthracene	1.82	0.060	2.000		91.0	40 - 140	3.92	20	
Chrysene	1.85	1.0	2.000		92.5	40 - 140	3.86	20	
Benzo[b]fluoranthene	1.76	0.080	2.000		88.0	40 - 140	1.72	20	
Benzo[k]fluoranthene	1.88	0.30	2.000		94.0	40 - 140	9.47	20	
Benzo[a]pyrene	1.72	0.20	2.000		86.0	40 - 140	4.76	20	
Indeno[1,2,3-cd]pyrene	1.82	0.10	2.000		91.0	40 - 140	4.49	20	
Dibenz[a,h]anthracene	1.89	0.10	2.000		94.5	40 - 140	7.69	20	
Benzo[g,h,i]perylene	1.93	0.40	2.000		96.5	40 - 140	6.97	20	
Surrogate: Nitrobenzene-d5					*83.4*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*82.4*	*30 - 130*			
Surrogate: Terphenyl-d14					*118*	*30 - 130*			

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BF40643 - EPA 8081B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF40643-BLK1)					Prepared: 6/6/2024 Analyzed: 6/7/2024				
Alpha-BHC	ND	0.0050							
Gamma-BHC	ND	0.0050							
Heptachlor	ND	0.0050							
Aldrin	ND	0.0050							
Beta-BHC	ND	0.0050							
Delta-BHC	ND	0.0050							
Heptachlor Epoxide	ND	0.0050							
Endosulfan I	ND	0.0050							
4,4-DDE	ND	0.0010							
Dieldrin	ND	0.0020							
Endrin	ND	0.022							
4,4-DDD	ND	0.0010							
Endosulfan II	ND	0.0050							
4,4-DDT	ND	0.0010							
Endrin Aldehyde	ND	0.0050							
4,4-Methoxychlor	ND	0.0050							
Endosulfan Sulfate	ND	0.0050							
Endrin Ketone	ND	0.0050							
Chlordane	ND	0.20							
Toxaphene	ND	0.80							
Alachlor	ND	0.20							
Surrogate: TCMX [1C]					*70.0*	*30 - 150*			
Surrogate: TCMX [2C]					*65.0*	*30 - 150*			
Surrogate: DCB [1C]					*53.0*	*30 - 150*			
Surrogate: DCB [2C]					*55.0*	*30 - 150*			
LCS (BF40643-BS1)					Prepared: 6/6/2024 Analyzed: 6/7/2024				
Alpha-BHC	0.0370	0.0050	0.050		74.0	50 - 150			
Gamma-BHC	0.0390	0.0050	0.050		78.0	50 - 150			
Heptachlor	0.0350	0.0050	0.050		70.0	50 - 150			
Aldrin	0.0370	0.0050	0.050		74.0	50 - 150			
Beta-BHC	0.0460	0.0050	0.050		92.0	50 - 150			
Delta-BHC	0.0380	0.0050	0.050		76.0	50 - 150			
Heptachlor Epoxide	0.0410	0.0050	0.050		82.0	50 - 150			
Endosulfan I	0.0430	0.0050	0.050		86.0	50 - 150			
4,4-DDE	0.0410	0.0010	0.050		82.0	50 - 150			
Dieldrin	0.0440	0.0020	0.050		88.0	50 - 150			
Endrin	0.0360	0.022	0.050		72.0	50 - 150			
4,4-DDD	0.0440	0.0010	0.050		88.0	50 - 150			
Endosulfan II	0.0410	0.0050	0.050		82.0	50 - 150			
4,4-DDT	0.0380	0.0010	0.050		76.0	50 - 150			
Endrin Aldehyde	0.0450	0.0050	0.050		90.0	50 - 150			
4,4-Methoxychlor	0.0450	0.0050	0.050		90.0	50 - 150			
Endosulfan Sulfate	0.0430	0.0050	0.050		86.0	50 - 150			
Endrin Ketone	0.0460	0.0050	0.050		92.0	50 - 150			
Alachlor	0.118	0.20	0.100		118	50 - 150			
Surrogate: TCMX [1C]					*66.0*	*30 - 150*			
Surrogate: TCMX [2C]					*60.0*	*30 - 150*			
Surrogate: DCB [1C]					*75.0*	*30 - 150*			
Surrogate: DCB [2C]					*65.0*	*30 - 150*			
LCS Dup (BF40643-BSD1)					Prepared: 6/6/2024 Analyzed: 6/7/2024				

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BF40643-BSD1) - Continued					Prepared: 6/6/2024 Analyzed: 6/7/2024				
Alpha-BHC	0.0390	0.0050	0.050		78.0	50 - 150	5.26	20	
Gamma-BHC	0.0410	0.0050	0.050		82.0	50 - 150	5.00	20	
Heptachlor	0.0370	0.0050	0.050		74.0	50 - 150	5.56	20	
Aldrin	0.0400	0.0050	0.050		80.0	50 - 150	7.79	20	
Beta-BHC	0.0490	0.0050	0.050		98.0	50 - 150	6.32	20	
Delta-BHC	0.0390	0.0050	0.050		78.0	50 - 150	2.60	20	
Heptachlor Epoxide	0.0440	0.0050	0.050		88.0	50 - 150	7.06	20	
Endosulfan I	0.0460	0.0050	0.050		92.0	50 - 150	6.74	20	
4,4-DDE	0.0450	0.0010	0.050		90.0	50 - 150	9.30	20	
Dieldrin	0.0460	0.0020	0.050		92.0	50 - 150	4.44	20	
Endrin	0.0410	0.022	0.050		82.0	50 - 150	13.0	20	
4,4-DDD	0.0480	0.0010	0.050		96.0	50 - 150	8.70	20	
Endosulfan II	0.0460	0.0050	0.050		92.0	50 - 150	11.5	20	
4,4-DDT	0.0420	0.0010	0.050		84.0	50 - 150	10.0	20	
Endrin Aldehyde	0.0490	0.0050	0.050		98.0	50 - 150	8.51	20	
4,4-Methoxychlor	0.0480	0.0050	0.050		96.0	50 - 150	6.45	20	
Endosulfan Sulfate	0.0480	0.0050	0.050		96.0	50 - 150	11.0	20	
Endrin Ketone	0.0520	0.0050	0.050		104	50 - 150	12.2	20	
Alachlor	0.124	0.20	0.100		124	50 - 150	4.96	20	
Surrogate: TCMX [1C]					*70.0*	*30 - 150*			
Surrogate: TCMX [2C]					*67.0*	*30 - 150*			
Surrogate: DCB [1C]					*84.0*	*30 - 150*			
Surrogate: DCB [2C]					*63.0*	*30 - 150*			

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Timothy Fusco



Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24E0899
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-8B

Sample Date(s): 05/21/2024

Laboratory Sample ID(s): 24E0899-01 thru 24E0899-05

List RCP Methods Used:

EPA 1312, EPA 6020B, EPA 8081B, EPA 8270E

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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☐ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 06/07/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

RCP Case Narrative

6- Client requested a subset of the RCP 8270 list.

7- Project specific QC was not requested by the client.

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BF40432		24E0899-01	B48 4-5ft	EPA 1312	Soil	05/21/2024
BF40532		24E0899-03	B44 2-4ft	EPA 1312	Soil	05/21/2024
BF40532		24E0899-04	B47 8-9.5ft	EPA 1312	Soil	05/21/2024
BF40532		24E0899-05	B42 0-2ft	EPA 1312	Soil	05/21/2024
BF40631		24E0899-02	B56 2-4ft	EPA 1312	Soil	05/21/2024
BF40435	S4F0414	24E0899-01	B48 4-5ft	EPA 6020B	Soil	05/21/2024
BF40533	S4F0512	24E0899-03	B44 2-4ft	EPA 6020B	Soil	05/21/2024
BF40533	S4F0512	24E0899-05	B42 0-2ft	EPA 6020B	Soil	05/21/2024
BF40643	S4F0708	24E0899-03	B44 2-4ft	EPA 8081B	Soil	05/21/2024
BF40643	S4F0708	24E0899-04	B47 8-9.5ft	EPA 8081B	Soil	05/21/2024
BF40643	S4F0708	24E0899-05	B42 0-2ft	EPA 8081B	Soil	05/21/2024
BF40612	S4F0625	24E0899-02	B56 2-4ft	EPA 8270E	Soil	05/21/2024

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 6020B in Water	
Lead	CT
Selenium	CT
Cadmium	CT
Chromium	CT
Arsenic	CT
Barium	CT
Silver	CT
Copper	CT
Nickel	CT
Zinc	CT
Mercury	CT
EPA 8081B in Water	
Alpha-BHC	CT
Gamma-BHC	CT
Heptachlor	CT
Aldrin	CT
Beta-BHC	CT
Delta-BHC	CT
Heptachlor Epoxide	CT
Endosulfan I	CT
4,4-DDE	CT
Dieldrin	CT
Endrin	CT
4,4-DDD	CT
Endosulfan II	CT
4,4-DDT	CT
Endrin Aldehyde	CT
4,4-Methoxychlor	CT
Endosulfan Sulfate	CT
Endrin Ketone	CT
Chlordane	CT
Toxaphene	CT
Alachlor	CT
EPA 8270E in Water	
Naphthalene	CT
2-Methyl Naphthalene	CT
Acenaphthylene	CT
Acenaphthene	CT
Fluorene	CT
Phenanthrene	CT
Anthracene	CT
Fluoranthene	CT
Pyrene	CT
Benzo[a]anthracene	CT
Chrysene	CT
Benzo[b]fluoranthene	CT
Benzo[k]fluoranthene	CT
Benzo[a]pyrene	CT

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270E in Water	
Indeno[1,2,3-cd]pyrene	CT
Dibenz[a,h]anthracene	CT
Benzo[g,h,i]perylene	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024

Megan Carpenter

From: Dan Pinho <danpinho@zuvic.com>
Sent: Thursday, May 30, 2024 8:58 PM
To: CET Services
Cc: Tory Man; Ryan Orlowski
Subject: RE: 24E0689_Lab Chain - Request additional analysis - 5-30-2024
Attachments: 24E0689_Lab Chain - Request additional analysis -_5-30-2024.pdf

Good evening CET,

Please find attached the revised lab chain for the additional testing requests below. Please call if there are any questions. Please confirm receipt.

CET Report 24E0689

Sample ID	Additional Analysis
B42 0-2'	SPLP Pests, RCRA 8 plus Cu, Ni, Zn
B44 2-4'	SPLP Pests, RCRA 8 plus Cu, Ni, Zn
B47 8-9.5'	SPLP Pests
B48 4-5'	SPLP Chromium, Arsenic, Barium, Nickel
B56 2-4'	SPLP PAHs

Thank you,

Daniel Pinho, LEP • Project Manager
860.899.1918 (direct) • 860.436.4901 (main)

ZUVIC | Infrastructure Solutions

40 Cold Spring Road, Suite 1, Rocky Hill, Connecticut 06067
WWW.ZUVIC.COM

24E0899

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

A1 - standard TAT, DP, 5/29/2024
A2 - standard TAT, DP, 5/30/2024

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client: 5/21/24 1800
CET: 05/22/24 16:00

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)
Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Standard ***

Sample ID/Sample Depths (Include Units for any sample depths provided)	Collection Date/Time	Matrix	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	8 RCRA (As, Ni)	13 Priority Poll.	15 CT DEEP	Total	SPLP Cr, As, Ba, Ni	TCLP	Dissolved	Field Filter ☐ Lab Filter ☐	Hold	SPLP Pesticides	TOTAL # OF CONT.	NOTE #
B58 0.5-2 ft	5/21/24-0918	S				X																1	1
B58 10-12 ft	5/21/24-0824	S				X																1	1
B63 2-4 ft	5/20/24-1157	S		X						A1											A1	4	1
B27A 2-4 ft	5/21/24-1034	S		X			X															4	1
B27A 6-7.5 ft	5/21/24-1036	S		~~X~~ (24hr)						X										X		4	1, 2
B48 2-4 ft	5/21/24-1014	S		X			X															4	1
B48 4-5 ft	5/21/24-1015	S		~~X~~ (24hr)			X					X				A2				X		4	1, 2
B52 4-6 ft	5/21/24-1000	S				X		X														1	1
B53 0-2 ft	5/21/24-0935	S								X												1	1
B53 6-8 ft	5/21/24-0937	S				X		X														1	1
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)			C			C	C	C		C		C								C		25	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)			V			6	6	6		6		6								6			
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)			M/E	/	/																		

Running total = 25

RELINQUISHED BY: DATE/TIME: 5/22/24 (2040) RECEIVED BY:
RELINQUISHED BY: DATE/TIME: 5/22/24 14:15 RECEIVED BY: 05/22/24 14:15
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES: Need Results within 5 business days by 5/30/24. Additional samples on hold may be sent for additional analysis
1) Please hold sample for future analysis
2) hold VOC vials for future analysis

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvi Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: E-mail: caipanhoe@zuvi.com, ryan.onolsk@zuvi.com
Phone #
Tax Status: ☐ Exempt

Project Information

Project: Evergreen Blue Hills, Winsor Soil Sampling PO #:
Location: East Blue Hills Ave Ext. Windsor CT Project #: 23246-BB
CET Quote #: 011823-B Collector(s): RO/GR
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Formal REG COMP Other
Reporting Limits: GA, RDEC Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 5 °C Evidence of Cooling: (Y) N
PAGE 1 OF 3

REV 01/23

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

24E0899

A2 - standard TAT, DP, 5/30/2024

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client: 5/21/24 1800
CET: 05/22/24 1600

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)
Turnaround Time ** (check one): Same Day*, Next Day*, Two Day*, Three Day*, Standard***

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	8 RCRA Cu, Ni, Zn	13 Priority Poll.	15 CT DEEP	Total	SPLP	TCLP	Dissolved	Field Filter ☐ Lab Filter ☐	Additional Analysis: HOLD	SPLP PAHs	SPLP Pesticides	TOTAL # OF CONT.	NOTE #
B54 6-8ft	5/21/24-0925	S				X		X															1	1
B56 2-4ft	5/21/24-0902	S						X		X											A2		1	1
B44 2-4ft	5/21/24-1158	S						X		X		A2									A2		1	1
B44 16-18ft	5/21/24-1204	S								X													1	1
B45 0-2ft	5/21/24-1139	S						X		X													1	1
B45 4-6ft	5/21/24-1141	S						X		X													1	1
B46 2-4ft	5/21/24-1122	S	X				X																4	1
B46 4-6ft	5/21/24-1123	S																		X			4	1,2
B47 2-4ft	5/21/24-1052	S	X				X			X													4	1
B47 4-6ft	5/21/24-1053	S																		X			4	1,2
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)			C				C	C		C										C			22	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)			V				G	G		G										G				
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)			MS																				47	

5/30/24 Running total:

RELINQUISHED BY: DATE/TIME: 5/22/24 CCUD RECEIVED BY:
RELINQUISHED BY: DATE/TIME: 5/22/24 14:16 RECEIVED BY: 05/22/24 1415
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTE: * Need results within 5 business days by Stelltex. Additional samples are being held that may be sent for additional analysis
1) Please hold sample for future analysis
2 - hold VOC vials for future analysis
*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvic Inc.
Address: 40 Cove Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: E-mail: dangmho@zuvic.com, ryan.gnacinski@zuvic.com
Phone #
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills, Windsor CT Soil Sampling
PO #:
Location: 1085 Blue Hills Ave. Ext. Windsor CT
Project #: 23246-8B
CET Quote #: ON823-B
Collector(s): RO/GR
QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report: ☒ PDF ☒ EDD - Specify Format RBCA Comp Other
Reporting Limits: GA, RDEC Disposal Facility:
Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 5 °C Evidence of Cooling: (Y) N
PAGE 2 OF 3

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV 01/23

24E0899

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

A2 - standard TAT, DP, 5/30/2024

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET: 05/22/24 16:00

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day*, Next Day*, Two Day*, Three Day*, Standard***

Metals: 8 RCRA, 13 Priority Poll., 15 CT DEEP, Total As, Pb, SPLP As, Pb, TCLP, Dissolved, Field Filter ☐, Lab Filter ☐

Additional Analysis: SPLP Pesticides

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day*	Next Day*	Two Day*	Three Day*	Standard***	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	8 RCRA	13 Priority Poll.	15 CT DEEP	Total As, Pb	SPLP As, Pb	TCLP	Dissolved	Field Filter ☐	Lab Filter ☐	SPLP Pesticides	TOTAL # OF CONT.	NOTE #
B47 8-9.5ft	5/21/24 - 1056	S	A	See	note	A									X		X										1	1
B42 0-2ft	5/21/24 - 1325	S													X		A2									A2	1	1
B42 12-14ft	5/21/24 - 1332	S													X												1	1
B49 4-6ft	5/21/24 - 1432	S											X							X	X						1	1
B49 6-8ft	5/21/24 - 1433	S											X		X					X	X						1	1
B50 0-2ft	5/21/24 - 1341	S													X												1	1
B50 6-8ft	5/21/24 - 1343	S											X							X	X						1	1
B51 6-7.5ft	5/21/24 - 1409	S											X							X	X						1	1
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)													C		C		C			C	C						8	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)													G		G		G			G	G							
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)																										5/30/24 Running total =	55	

RELINQUISHED BY: DATE/TIME: 5/22/24 RECEIVED BY: 1654

RELINQUISHED BY: DATE/TIME: 5/22/24 14:16 RECEIVED BY: 05/22/24 14:16

RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTE: Need results by within 5 business days by 5/30/24. Additional samples are being held that may be sent for additional analysis.
1) Please hold sample for future analysis
2) hold voa vials for future analysis

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvn Inc.
Address: 40 Lois Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: dangmho@zuvic.com, ngan.omolulu@zuvn.com
E-mail:
Phone #:
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills, Windsor CT. Soil Samplings
PO #:
Location: 1485 Blue Hills Ave. Ext. Windsor, CT
Project #: 23246-8B
CET Quote #: 011823-B
Collector(s): RO/GR

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format: REG Comp Other:
Reporting Limits: GA, RDEC Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 5 °C Evidence of Cooling: (Y) N

PAGE 8 OF 8

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV 01/23

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dan Pinho
Zuvic, Inc.
40 Cold Spring Road
Rocky Hill, CT 06067

Analytical Report

CET# 24E0914

Report Date:June 05, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24E0914
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

SAMPLE SUMMARY

The sample(s) were received at 1.5°C.
This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B27A 4-6ft	24E0914-01	Soil	5/21/2024 10:36	05/31/2024
B56 4-6ft	24E0914-02	Soil	5/21/2024 9:04	05/31/2024

Analyte: Percent Solids [SM 2540 G]

Analyst: SEY

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0914-01	B27A 4-6ft	90	1.0	%	1	BF40332	06/03/2024	06/03/2024 16:18	
24E0914-02	B56 4-6ft	93	1.0	%	1	BF40332	06/03/2024	06/03/2024 16:18	

CET # : 24E0914
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B27A 4-6ft

Lab ID: 24E0914-01

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
1,3-Dichlorobenzene	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
n-Nitroso-di-n-propylamine	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Pyridine	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
n-Nitroso-dimethylamine	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
bis(2-Chloroethyl)ether	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Aniline	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	*I
2-Chlorophenol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
1,4-Dichlorobenzene	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Benzyl Alcohol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	*C1
1,2-Dichlorobenzene	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
bis(2-Chloroisopropyl)ether	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Hexachloroethane	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
2-Methyl Phenol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
3+4 Methyl Phenol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Naphthalene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
2-Nitrophenol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	*C2
2,4-Dichlorophenol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Hexachlorobutadiene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
4-Chloro-3-methylphenol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Nitrobenzene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Isophorone	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
2,4-Dimethylphenol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
bis(2-Chloroethoxy)methane	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Benzoic Acid	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
1,2,4-Trichlorobenzene	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
2,6-Dichlorophenol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
4-Chloroaniline	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
1,2,4,5-Tetrachlorobenzene	ND	55	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
2-Methyl Naphthalene	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Acenaphthylene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Acenaphthene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Dibenzofuran	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Fluorene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Hexachlorocyclopentadiene	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	*I
2,4,6-Trichlorophenol	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
2,4,5-Trichlorophenol	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
2,4-Dinitrophenol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	*C2
4-Nitrophenol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
2-Chloronaphthalene	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
2-Nitroaniline	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	*C2

CET # : 24E0914
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B27A 4-6ft

Lab ID: 24E0914-01

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dimethylphthalate	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
2,6-Dinitrotoluene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	*C2
4-Nitroaniline	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	*C2
2,4-Dinitrotoluene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	*C2
2,3,4,6-Tetrachlorophenol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
4-Chlorophenyl-phenylether	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Diethylphthalate	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Phenanthrene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Anthracene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Carbazole	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Fluoranthene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Pyrene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
n-Nitrosodiphenylamine	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Pentachlorophenol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
3-Nitroaniline	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	*C2
4,6-Dinitro-2-methylphenol	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	*C2
1,2-Diphenylhydrazine	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
4-Bromophenyl-phenylether	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Hexachlorobenzene	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Di-n-butylphthalate	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Pentachloronitrobenzene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Benzo[a]anthracene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Chrysene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Butylbenzylphthalate	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
3,3-Dichlorobenzidine	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
bis(2-Ethylhexyl)phthalate	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Di-n-octylphthalate	ND	220	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Benzo[b]fluoranthene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Benzo[k]fluoranthene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Benzo[a]pyrene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Indeno[1,2,3-cd]pyrene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Dibenz[a,h]anthracene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Acetophenone	ND	330	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	*F1
Benzo[g,h,i]perylene	ND	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:23	
Surrogate: 2-Fluorophenol	*40.0 %*	*30 - 130*			BF40316	06/03/2024	*06/04/2024 19:23*	
Surrogate: Phenol-d6	*45.9 %*	*30 - 130*			BF40316	06/03/2024	*06/04/2024 19:23*	
Surrogate: Nitrobenzene-d5	*40.6 %*	*30 - 130*			BF40316	06/03/2024	*06/04/2024 19:23*	
Surrogate: 2-Fluorobiphenyl	*45.4 %*	*30 - 130*			BF40316	06/03/2024	*06/04/2024 19:23*	
Surrogate: 2,4,6-Tribromophenol	*70.9 %*	*30 - 130*			BF40316	06/03/2024	*06/04/2024 19:23*	
Surrogate: Terphenyl-d14	*74.1 %*	*30 - 130*			BF40316	06/03/2024	*06/04/2024 19:23*	

CET # : 24E0914
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B27A 4-6ft

Lab ID: 24E0914-01

Client Sample ID B56 4-6ft

Lab ID: 24E0914-02

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	**560**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
2-Methyl Naphthalene	**370**	210	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Acenaphthylene	**160**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Acenaphthene	**950**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Fluorene	**960**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Phenanthrene	**9900**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Anthracene	**1800**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Fluoranthene	**11000**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Pyrene	**8900**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Benzo[a]anthracene	**4100**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Chrysene	**4300**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Benzo[b]fluoranthene	**4500**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Benzo[k]fluoranthene	**2200**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Benzo[a]pyrene	**3900**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Indeno[1,2,3-cd]pyrene	**2100**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Dibenz[a,h]anthracene	**660**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Benzo[g,h,i]perylene	**2600**	110	1	EPA 3545A	BF40316	06/03/2024	06/04/2024 19:47	
Surrogate: Nitrobenzene-d5	*53.2 %*	*30 - 130*			BF40316	06/03/2024	*06/04/2024 19:47*	
Surrogate: 2-Fluorobiphenyl	*60.8 %*	*30 - 130*			BF40316	06/03/2024	*06/04/2024 19:47*	
Surrogate: Terphenyl-d14	*80.3 %*	*30 - 130*			BF40316	06/03/2024	*06/04/2024 19:47*	

CET # : 24E0914
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

QUALITY CONTROL SECTION

Batch BF40316 - EPA 8270E

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF40316-BLK1)					Prepared: 6/3/2024 Analyzed: 6/4/2024				
Phenol	ND	200							
1,3-Dichlorobenzene	ND	200							
n-Nitroso-di-n-propylamine	ND	100							
Pyridine	ND	100							
n-Nitroso-dimethylamine	ND	100							
bis(2-Chloroethyl)ether	ND	200							
Aniline	ND	100							
2-Chlorophenol	ND	200							
1,4-Dichlorobenzene	ND	200							
Benzyl Alcohol	ND	200							
1,2-Dichlorobenzene	ND	200							
bis(2-Chloroisopropyl)ether	ND	200							
Hexachloroethane	ND	200							
2-Methyl Phenol	ND	200							
3+4 Methyl Phenol	ND	200							
Naphthalene	ND	100							
2-Methyl Naphthalene	ND	200							
2-Nitrophenol	ND	200							
2,4-Dichlorophenol	ND	200							
Acenaphthylene	ND	100							
Acenaphthene	ND	100							
Hexachlorobutadiene	ND	100							
4-Chloro-3-methylphenol	ND	200							
Fluorene	ND	100							
Nitrobenzene	ND	100							
Phenanthrene	ND	100							
Anthracene	ND	100							
Isophorone	ND	200							
2,4-Dimethylphenol	ND	200							
Fluoranthene	ND	100							
bis(2-Chloroethoxy)methane	ND	200							
Pyrene	ND	100							
Benzo[a]anthracene	ND	100							
Benzoic Acid	ND	200							
1,2,4-Trichlorobenzene	ND	200							
Chrysene	ND	100							
2,6-Dichlorophenol	ND	200							
Benzo[b]fluoranthene	ND	100							
4-Chloroaniline	ND	100							
Benzo[k]fluoranthene	ND	100							
Benzo[a]pyrene	ND	100							
Indeno[1,2,3-cd]pyrene	ND	100							
1,2,4,5-Tetrachlorobenzene	ND	50							
Dibenz[a,h]anthracene	ND	100							
2-Methyl Naphthalene	ND	200							
Benzo[g,h,i]perylene	ND	100							
Acenaphthylene	ND	100							
Acenaphthene	ND	100							
Dibenzofuran	ND	100							

CET # : 24E0914
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF40316-BLK1) - Continued					Prepared: 6/3/2024 Analyzed: 6/4/2024				
Fluorene	ND	100							
Hexachlorocyclopentadiene	ND	200							
2,4,6-Trichlorophenol	ND	100							
2,4,5-Trichlorophenol	ND	100							
2,4-Dinitrophenol	ND	200							
4-Nitrophenol	ND	200							
2-Chloronaphthalene	ND	200							
2-Nitroaniline	ND	200							
Dimethylphthalate	ND	200							
2,6-Dinitrotoluene	ND	100							
4-Nitroaniline	ND	200							
2,4-Dinitrotoluene	ND	100							
2,3,4,6-Tetrachlorophenol	ND	200							
4-Chlorophenyl-phenylether	ND	200							
Diethylphthalate	ND	200							
Phenanthrene	ND	100							
Anthracene	ND	100							
Carbazole	ND	100							
Fluoranthene	ND	100							
Pyrene	ND	100							
n-Nitrosodiphenylamine	ND	100							
Pentachlorophenol	ND	200							
3-Nitroaniline	ND	200							
4,6-Dinitro-2-methylphenol	ND	200							
1,2-Diphenylhydrazine	ND	100							
4-Bromophenyl-phenylether	ND	200							
Hexachlorobenzene	ND	200							
Di-n-butylphthalate	ND	200							
Pentachloronitrobenzene	ND	100							
Benzo[a]anthracene	ND	100							
Chrysene	ND	100							
Butylbenzylphthalate	ND	200							
3,3-Dichlorobenzidine	ND	100							
bis(2-Ethylhexyl)phthalate	ND	200							
Di-n-octylphthalate	ND	200							
Benzo[b]fluoranthene	ND	100							
Benzo[k]fluoranthene	ND	100							
Benzo[a]pyrene	ND	100							
Indeno[1,2,3-cd]pyrene	ND	100							
Dibenz[a,h]anthracene	ND	100							
Acetophenone	ND	300							
Benzo[g,h,i]perylene	ND	100							
Surrogate: Nitrobenzene-d5					*55.9*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*58.5*	*30 - 130*			
Surrogate: Terphenyl-d14					*70.4*	*30 - 130*			
Surrogate: 2-Fluorophenol					*56.1*	*30 - 130*			
Surrogate: Phenol-d6					*57.9*	*30 - 130*			
Surrogate: Nitrobenzene-d5					*55.9*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*58.5*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*79.8*	*30 - 130*			
Surrogate: Terphenyl-d14					*70.4*	*30 - 130*			
LCS (BF40316-BS1)					Prepared: 6/3/2024 Analyzed: 6/4/2024				

CET # : 24E0914
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BF40316-BS1) - Continued					Prepared: 6/3/2024 Analyzed: 6/4/2024				
Phenol	2360	200	3,000.000		78.7	30 - 130			
1,3-Dichlorobenzene	2240	200	3,000.000		74.7	40 - 140			
n-Nitroso-di-n-propylamine	2270	100	3,000.000		75.7	40 - 140			
Pyridine	1330	100	3,000.000		44.3	40 - 140			
n-Nitroso-dimethylamine	2350	100	3,000.000		78.5	40 - 140			
bis(2-Chloroethyl)ether	2260	200	3,000.000		75.5	40 - 140			
Aniline	1430	100	3,000.000		47.7	40 - 140			
2-Chlorophenol	2500	200	3,000.000		83.3	30 - 130			
1,4-Dichlorobenzene	2230	200	3,000.000		74.4	40 - 140			
Benzyl Alcohol	1850	200	3,000.000		61.7	30 - 130			
1,2-Dichlorobenzene	2370	200	3,000.000		78.9	40 - 140			
bis(2-Chloroisopropyl)ether	2590	200	3,000.000		86.3	40 - 140			
Hexachloroethane	2250	200	3,000.000		75.1	40 - 140			
2-Methyl Phenol	2660	200	3,000.000		88.7	30 - 130			
3+4 Methyl Phenol	2560	200	3,000.000		85.2	30 - 130			
Naphthalene	2310	100	3,000.000		77.1	40 - 140			
2-Methyl Naphthalene	2480	200	3,000.000		82.8	40 - 140			
2-Nitrophenol	2970	200	3,000.000		98.9	30 - 130			
2,4-Dichlorophenol	2650	200	3,000.000		88.3	30 - 130			
Acenaphthylene	2570	100	3,000.000		85.8	40 - 140			
Acenaphthene	2630	100	3,000.000		87.8	40 - 140			
Hexachlorobutadiene	2470	100	3,000.000		82.3	40 - 140			
4-Chloro-3-methylphenol	2680	200	3,000.000		89.3	30 - 130			
Fluorene	2740	100	3,000.000		91.4	40 - 140			
Nitrobenzene	2480	100	3,000.000		82.6	40 - 140			
Phenanthrene	2770	100	3,000.000		92.2	40 - 140			
Anthracene	2760	100	3,000.000		91.9	40 - 140			
Isophorone	2570	200	3,000.000		85.7	40 - 140			
2,4-Dimethylphenol	2040	200	3,000.000		67.9	30 - 130			
Fluoranthene	2990	100	3,000.000		99.8	40 - 140			
bis(2-Chloroethoxy)methane	2390	200	3,000.000		79.7	40 - 140			
Pyrene	2940	100	3,000.000		98.0	40 - 140			
Benzo[a]anthracene	2680	100	3,000.000		89.2	40 - 140			
Benzoic Acid	2270	200	3,000.000		75.7	30 - 130			
1,2,4-Trichlorobenzene	2420	200	3,000.000		80.7	40 - 140			
Chrysene	2760	100	3,000.000		92.0	40 - 140			
2,6-Dichlorophenol	2640	200	3,000.000		88.0	30 - 130			
Benzo[b]fluoranthene	2890	100	3,000.000		96.2	40 - 140			
4-Chloroaniline	2420	100	3,000.000		80.7	40 - 140			
Benzo[k]fluoranthene	3140	100	3,000.000		105	40 - 140			
Benzo[a]pyrene	2900	100	3,000.000		96.6	40 - 140			
Indeno[1,2,3-cd]pyrene	2780	100	3,000.000		92.5	40 - 140			
1,2,4,5-Tetrachlorobenzene	2530	50	3,000.000		84.5	40 - 140			
Dibenz[a,h]anthracene	2790	100	3,000.000		92.9	40 - 140			
2-Methyl Naphthalene	2480	200	3,000.000		82.8	40 - 140			
Benzo[g,h,i]perylene	2690	100	3,000.000		89.5	40 - 140			
Acenaphthylene	2570	100	3,000.000		85.8	40 - 140			
Acenaphthene	2630	100	3,000.000		87.8	40 - 140			
Dibenzofuran	2680	100	3,000.000		89.4	40 - 140			
Fluorene	2740	100	3,000.000		91.4	40 - 140			
Hexachlorocyclopentadiene	1620	200	3,000.000		54.0	40 - 140			
2,4,6-Trichlorophenol	2690	100	3,000.000		89.6	30 - 130			
2,4,5-Trichlorophenol	2730	100	3,000.000		91.0	30 - 130			

CET # : 24E0914
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BF40316-BS1) - Continued					Prepared: 6/3/2024 Analyzed: 6/4/2024				
2,4-Dinitrophenol	3080	200	3,000.000		103	30 - 130			
4-Nitrophenol	3500	200	3,000.000		117	30 - 130			
2-Chloronaphthalene	2440	200	3,000.000		81.3	40 - 140			
2-Nitroaniline	3480	200	3,000.000		116	40 - 140			
Dimethylphthalate	2760	200	3,000.000		92.1	40 - 140			
2,6-Dinitrotoluene	3670	100	3,000.000		122	40 - 140			
4-Nitroaniline	3050	200	3,000.000		102	40 - 140			
2,4-Dinitrotoluene	3510	100	3,000.000		117	40 - 140			
2,3,4,6-Tetrachlorophenol	3360	200	3,000.000		112	30 - 130			
4-Chlorophenyl-phenylether	2720	200	3,000.000		90.5	40 - 140			
Diethylphthalate	2850	200	3,000.000		95.1	40 - 140			
Phenanthrene	2770	100	3,000.000		92.2	40 - 140			
Anthracene	2760	100	3,000.000		91.9	40 - 140			
Carbazole	3070	100	3,000.000		102	40 - 140			
Fluoranthene	2990	100	3,000.000		99.8	40 - 140			
Pyrene	2940	100	3,000.000		98.0	40 - 140			
n-Nitrosodiphenylamine	3350	100	3,000.000		112	40 - 140			
Pentachlorophenol	2860	200	3,000.000		95.4	30 - 130			
3-Nitroaniline	3430	200	3,000.000		114	40 - 140			
4,6-Dinitro-2-methylphenol	3910	200	3,000.000		130	30 - 130			
1,2-Diphenylhydrazine	2610	100	3,000.000		86.8	40 - 140			
4-Bromophenyl-phenylether	2810	200	3,000.000		93.7	40 - 140			
Hexachlorobenzene	2890	200	3,000.000		96.4	40 - 140			
Di-n-butylphthalate	3160	200	3,000.000		105	40 - 140			
Pentachloronitrobenzene	3160	100	3,000.000		105	40 - 140			
Benzo[a]anthracene	2680	100	3,000.000		89.2	40 - 140			
Chrysene	2760	100	3,000.000		92.0	40 - 140			
Butylbenzylphthalate	2640	200	3,000.000		88.0	40 - 140			
3,3-Dichlorobenzidine	2570	100	3,000.000		85.7	40 - 140			
bis(2-Ethylhexyl)phthalate	2870	200	3,000.000		95.7	40 - 140			
Di-n-octylphthalate	3040	200	3,000.000		101	40 - 140			
Benzo[b]fluoranthene	2890	100	3,000.000		96.2	40 - 140			
Benzo[k]fluoranthene	3140	100	3,000.000		105	40 - 140			
Benzo[a]pyrene	2900	100	3,000.000		96.6	40 - 140			
Indeno[1,2,3-cd]pyrene	2780	100	3,000.000		92.5	40 - 140			
Dibenz[a,h]anthracene	2790	100	3,000.000		92.9	40 - 140			
Acetophenone	2500	300				30 - 130			**L**
Benzo[g,h,i]perylene	2690	100	3,000.000		89.5	40 - 140			
Surrogate: Nitrobenzene-d5					*68.0*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*69.6*	*30 - 130*			
Surrogate: Terphenyl-d14					*90.5*	*30 - 130*			
Surrogate: 2-Fluorophenol					*65.3*	*30 - 130*			
Surrogate: Phenol-d6					*67.2*	*30 - 130*			
Surrogate: Nitrobenzene-d5					*68.0*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*69.6*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*98.3*	*30 - 130*			
Surrogate: Terphenyl-d14					*90.5*	*30 - 130*			
LCS Dup (BF40316-BSD1)					Prepared: 6/3/2024 Analyzed: 6/4/2024				
Phenol	1990	200	3,000.000		66.5	30 - 130	16.8	30	
1,3-Dichlorobenzene	1870	200	3,000.000		62.5	40 - 140	17.8	30	
n-Nitroso-di-n-propylamine	1980	100	3,000.000		66.0	40 - 140	13.7	30	
Pyridine	1090	100	3,000.000		36.4	40 - 140	19.6	30	**L**

CET # : 24E0914
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BF40316-BSD1) - Continued					Prepared: 6/3/2024 Analyzed: 6/4/2024				
n-Nitroso-dimethylamine	1910	100	3,000.000		63.8	40 - 140	20.7	30	
bis(2-Chloroethyl)ether	1950	200	3,000.000		65.1	40 - 140	14.7	30	
Aniline	1240	100	3,000.000		41.3	40 - 140	14.3	30	
2-Chlorophenol	2070	200	3,000.000		68.9	30 - 130	18.9	30	
1,4-Dichlorobenzene	1920	200	3,000.000		64.0	40 - 140	15.0	30	
Benzyl Alcohol	1680	200	3,000.000		56.1	30 - 130	9.45	30	
1,2-Dichlorobenzene	1990	200	3,000.000		66.3	40 - 140	17.3	30	
bis(2-Chloroisopropyl)ether	2240	200	3,000.000		74.7	40 - 140	14.5	30	
Hexachloroethane	1890	200	3,000.000		62.9	40 - 140	17.7	30	
2-Methyl Phenol	2270	200	3,000.000		75.7	30 - 130	15.8	30	
3+4 Methyl Phenol	2270	200	3,000.000		75.8	30 - 130	11.7	30	
Naphthalene	2000	100	3,000.000		66.8	40 - 140	14.3	30	
2-Methyl Naphthalene	2110	200	3,000.000		70.2	40 - 140	16.5	30	
2-Nitrophenol	2570	200	3,000.000		85.6	30 - 130	14.4	30	
2,4-Dichlorophenol	2240	200	3,000.000		74.8	30 - 130	16.5	30	
Acenaphthylene	2200	100	3,000.000		73.5	40 - 140	15.5	30	
Acenaphthene	2220	100	3,000.000		74.1	40 - 140	16.9	30	
Hexachlorobutadiene	2170	100	3,000.000		72.4	40 - 140	12.8	30	
4-Chloro-3-methylphenol	2370	200	3,000.000		78.9	30 - 130	12.4	30	
Fluorene	2330	100	3,000.000		77.5	40 - 140	16.4	30	
Nitrobenzene	2120	100	3,000.000		70.6	40 - 140	15.8	30	
Phenanthrene	2380	100	3,000.000		79.5	40 - 140	14.9	30	
Anthracene	2370	100	3,000.000		79.0	40 - 140	15.1	30	
Isophorone	2210	200	3,000.000		73.6	40 - 140	15.3	30	
2,4-Dimethylphenol	1710	200	3,000.000		57.1	30 - 130	17.2	30	
Fluoranthene	2570	100	3,000.000		85.5	40 - 140	15.4	30	
bis(2-Chloroethoxy)methane	2110	200	3,000.000		70.4	40 - 140	12.5	30	
Pyrene	2520	100	3,000.000		84.0	40 - 140	15.4	30	
Benzo[a]anthracene	2340	100	3,000.000		78.0	40 - 140	13.4	30	
Benzoic Acid	2240	200	3,000.000		74.8	30 - 130	1.23	30	
1,2,4-Trichlorobenzene	2060	200	3,000.000		68.6	40 - 140	16.2	30	
Chrysene	2410	100	3,000.000		80.4	40 - 140	13.4	30	
2,6-Dichlorophenol	2290	200	3,000.000		76.5	30 - 130	14.0	30	
Benzo[b]fluoranthene	2540	100	3,000.000		84.6	40 - 140	12.8	30	
4-Chloroaniline	2110	100	3,000.000		70.2	40 - 140	13.8	30	
Benzo[k]fluoranthene	2630	100	3,000.000		87.7	40 - 140	17.7	30	
Benzo[a]pyrene	2480	100	3,000.000		82.8	40 - 140	15.4	30	
Indeno[1,2,3-cd]pyrene	2340	100	3,000.000		77.9	40 - 140	17.1	30	
1,2,4,5-Tetrachlorobenzene	2070	50	3,000.000		69.0	40 - 140	20.2	30	
Dibenz[a,h]anthracene	2350	100	3,000.000		78.3	40 - 140	17.1	30	
2-Methyl Naphthalene	2110	200	3,000.000		70.2	40 - 140	16.5	30	
Benzo[g,h,i]perylene	2300	100	3,000.000		76.6	40 - 140	15.6	30	
Acenaphthylene	2200	100	3,000.000		73.5	40 - 140	15.5	30	
Acenaphthene	2220	100	3,000.000		74.1	40 - 140	16.9	30	
Dibenzofuran	2290	100	3,000.000		76.3	40 - 140	15.8	30	
Fluorene	2330	100	3,000.000		77.5	40 - 140	16.4	30	
Hexachlorocyclopentadiene	1370	200	3,000.000		45.7	40 - 140	16.8	30	
2,4,6-Trichlorophenol	2330	100	3,000.000		77.7	30 - 130	14.2	30	
2,4,5-Trichlorophenol	2300	100	3,000.000		76.5	30 - 130	17.3	30	
2,4-Dinitrophenol	2910	200	3,000.000		96.9	30 - 130	5.83	30	
4-Nitrophenol	2920	200	3,000.000		97.2	30 - 130	18.1	30	
2-Chloronaphthalene	2090	200	3,000.000		69.5	40 - 140	15.7	30	
2-Nitroaniline	3040	200	3,000.000		101	40 - 140	13.3	30	

CET # : 24E0914
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BF40316-BSD1) - Continued					Prepared: 6/3/2024 Analyzed: 6/4/2024				
Dimethylphthalate	2340	200	3,000.000		78.1	40 - 140	16.5	30	
2,6-Dinitrotoluene	3120	100	3,000.000		104	40 - 140	16.0	30	
4-Nitroaniline	2620	200	3,000.000		87.3	40 - 140	15.2	30	
2,4-Dinitrotoluene	3060	100	3,000.000		102	40 - 140	13.6	30	
2,3,4,6-Tetrachlorophenol	2900	200	3,000.000		96.6	30 - 130	14.7	30	
4-Chlorophenyl-phenylether	2360	200	3,000.000		78.8	40 - 140	13.9	30	
Diethylphthalate	2440	200	3,000.000		81.2	40 - 140	15.8	30	
Phenanthrene	2380	100	3,000.000		79.5	40 - 140	14.9	30	
Anthracene	2370	100	3,000.000		79.0	40 - 140	15.1	30	
Carbazole	2680	100	3,000.000		89.4	40 - 140	13.7	30	
Fluoranthene	2570	100	3,000.000		85.5	40 - 140	15.4	30	
Pyrene	2520	100	3,000.000		84.0	40 - 140	15.4	30	
n-Nitrosodiphenylamine	2880	100	3,000.000		96.1	40 - 140	14.9	30	
Pentachlorophenol	2540	200	3,000.000		84.6	30 - 130	11.9	30	
3-Nitroaniline	3000	200	3,000.000		100	40 - 140	13.3	30	
4,6-Dinitro-2-methylphenol	3480	200	3,000.000		116	30 - 130	11.6	30	
1,2-Diphenylhydrazine	2270	100	3,000.000		75.7	40 - 140	13.7	30	
4-Bromophenyl-phenylether	2440	200	3,000.000		81.5	40 - 140	14.0	30	
Hexachlorobenzene	2460	200	3,000.000		81.9	40 - 140	16.3	30	
Di-n-butylphthalate	2710	200	3,000.000		90.3	40 - 140	15.2	30	
Pentachloronitrobenzene	2830	100	3,000.000		94.3	40 - 140	10.9	30	
Benzo[a]anthracene	2340	100	3,000.000		78.0	40 - 140	13.4	30	
Chrysene	2410	100	3,000.000		80.4	40 - 140	13.4	30	
Butylbenzylphthalate	2350	200	3,000.000		78.4	40 - 140	11.6	30	
3,3-Dichlorobenzidine	2200	100	3,000.000		73.4	40 - 140	15.4	30	
bis(2-Ethylhexyl)phthalate	2550	200	3,000.000		84.9	40 - 140	12.0	30	
Di-n-octylphthalate	2710	200	3,000.000		90.2	40 - 140	11.7	30	
Benzo[b]fluoranthene	2540	100	3,000.000		84.6	40 - 140	12.8	30	
Benzo[k]fluoranthene	2630	100	3,000.000		87.7	40 - 140	17.7	30	
Benzo[a]pyrene	2480	100	3,000.000		82.8	40 - 140	15.4	30	
Indeno[1,2,3-cd]pyrene	2340	100	3,000.000		77.9	40 - 140	17.1	30	
Dibenz[a,h]anthracene	2350	100	3,000.000		78.3	40 - 140	17.1	30	
Acetophenone	2160	300				30 - 130	14.2	30	**L**
Benzo[g,h,i]perylene	2300	100	3,000.000		76.6	40 - 140	15.6	30	
Surrogate: Nitrobenzene-d5					*57.6*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*58.3*	*30 - 130*			
Surrogate: Terphenyl-d14					*77.3*	*30 - 130*			
Surrogate: 2-Fluorophenol					*53.9*	*30 - 130*			
Surrogate: Phenol-d6					*56.5*	*30 - 130*			
Surrogate: Nitrobenzene-d5					*57.6*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*58.3*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*85.2*	*30 - 130*			
Surrogate: Terphenyl-d14					*77.3*	*30 - 130*			

CET # : 24E0914
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Timothy Fusco



Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24E0914
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-8B

Sample Date(s): 05/21/2024

Laboratory Sample ID(s): 24E0914-01 thru 24E0914-02

List RCP Methods Used:

EPA 8270E

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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☐ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 06/05/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

RCP Case Narrative

4- See Exceptions Report Below

6- Client requested a subset of the RCP 8270 list.

7- Project specific QC was not requested by the client.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
Pyridine	LCS DUP	Low	1090		36.4	BF40316-BSD1
2,4-Dinitrophenol	CC	High	82600		165	S4F0415
2,4-Dinitrotoluene	CC	High	61400		123	S4F0415
2,6-Dinitrotoluene	CC	High	67600		135	S4F0415
2-Nitroaniline	CC	High	65000		130	S4F0415
2-Nitrophenol	CC	High	61400		123	S4F0415
3-Nitroaniline	CC	High	63300		127	S4F0415
4,6-Dinitro-2-methylphenol	CC	High	77600		155	S4F0415
4-Nitroaniline	CC	High	62600		125	S4F0415
Benzyl Alcohol	CC	Low	35200		70.4	S4F0415
Aniline	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Hexachlorocyclopentadiene	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BF40316	S4F0415	24E0914-01	B27A 4-6ft	EPA 8270E	Soil	05/21/2024
BF40316	S4F0415	24E0914-02	B56 4-6ft	EPA 8270E	Soil	05/21/2024

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270E in Soil	
Phenol	CT,NY,PA
1,3-Dichlorobenzene	CT,NY,PA
n-Nitroso-di-n-propylamine	CT,NY,PA
Pyridine	CT,NY,PA
n-Nitroso-dimethylamine	CT,NY,PA
bis(2-Chloroethyl)ether	CT,NY,PA
Aniline	CT,NY,PA
2-Chlorophenol	CT,NY,PA
1,4-Dichlorobenzene	CT,NY,PA
Benzyl Alcohol	CT,NY,PA
1,2-Dichlorobenzene	CT,NY,PA
bis(2-Chloroisopropyl)ether	CT,NY,PA
Hexachloroethane	CT,NY,PA
2-Methyl Phenol	CT,NY,PA
3+4 Methyl Phenol	CT,NY,PA
Naphthalene	CT,NY,PA
Naphthalene	CT,NY,PA
2-Methyl Naphthalene	CT,NY,PA
2-Nitrophenol	CT,NY,PA
2,4-Dichlorophenol	CT,NY,PA
Acenaphthylene	CT,NY,PA
Acenaphthene	CT,NY,PA
Hexachlorobutadiene	CT,NY,PA
4-Chloro-3-methylphenol	CT,NY,PA
Fluorene	CT,NY,PA
Nitrobenzene	CT,NY,PA
Phenanthrene	CT,NY,PA
Anthracene	CT,NY,PA
Isophorone	CT,NY,PA
2,4-Dimethylphenol	CT,NY,PA
Fluoranthene	CT,NY,PA
bis(2-Chloroethoxy)methane	CT,NY,PA
Pyrene	CT,NY,PA
Benzo[a]anthracene	CT,NY,PA
Benzoic Acid	CT,NY,PA
1,2,4-Trichlorobenzene	CT,NY,PA
Chrysene	CT,NY,PA
2,6-Dichlorophenol	CT,NY,PA
Benzo[b]fluoranthene	CT,NY,PA
4-Chloroaniline	CT,NY,PA
Benzo[k]fluoranthene	CT,NY,PA
Benzo[a]pyrene	CT,NY,PA
Indeno[1,2,3-cd]pyrene	CT,NY,PA
1,2,4,5-Tetrachlorobenzene	CT,NY,PA
Dibenz[a,h]anthracene	CT,NY,PA
2-Methyl Naphthalene	CT,NY,PA
Benzo[g,h,i]perylene	CT,NY,PA
Acenaphthylene	CT,NY,PA
Acenaphthene	CT,NY,PA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270E in Soil	
Dibenzofuran	CT,NY,PA
Fluorene	CT,NY,PA
Hexachlorocyclopentadiene	CT,NY,PA
2,4,6-Trichlorophenol	CT,NY,PA
2,4,5-Trichlorophenol	CT,NY,PA
2,4-Dinitrophenol	CT,NY,PA
4-Nitrophenol	CT,NY,PA
2-Chloronaphthalene	CT,NY,PA
2-Nitroaniline	CT,NY,PA
Dimethylphthalate	CT,NY,PA
2,6-Dinitrotoluene	CT,NY,PA
4-Nitroaniline	CT,NY,PA
2,4-Dinitrotoluene	CT,NY,PA
2,3,4,6-Tetrachlorophenol	CT,NY,PA
4-Chlorophenyl-phenylether	CT,NY,PA
Diethylphthalate	CT,NY,PA
Phenanthrene	CT,NY,PA
Anthracene	CT,NY,PA
Carbazole	CT,NY,PA
Fluoranthene	CT,NY,PA
Pyrene	CT,NY,PA
n-Nitrosodiphenylamine	CT,NY,PA
Pentachlorophenol	CT,NY,PA
3-Nitroaniline	CT,NY,PA
4,6-Dinitro-2-methylphenol	CT,NY,PA
1,2-Diphenylhydrazine	CT
4-Bromophenyl-phenylether	CT,NY,PA
Hexachlorobenzene	CT,NY,PA
Di-n-butylphthalate	CT,NY,PA
Pentachloronitrobenzene	CT,NY
Benzo[a]anthracene	CT,NY,PA
Chrysene	CT,NY,PA
Butylbenzylphthalate	CT,NY,PA
3,3-Dichlorobenzidine	CT,NY
bis(2-Ethylhexyl)phthalate	CT,NY,PA
Di-n-octylphthalate	CT,NY,PA
Benzo[b]fluoranthene	CT,NY,PA
Benzo[k]fluoranthene	CT,NY,PA
Benzo[a]pyrene	CT,NY,PA
Indeno[1,2,3-cd]pyrene	CT,NY,PA
Dibenz[a,h]anthracene	CT,NY,PA
Benzo[g,h,i]perylene	CT,NY,PA
SM 2540 G in Soil	
Percent Solids	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
NY	New York Certification (NELAC)	11982	04/01/2024
PA	Pennsylvania DEP	68-02927	05/31/2024

24E0914

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Standard ***

Metals: 8 RCRA, 13 Priority Poll., 15 CT DEEP, Total, SPLP, TCLP, Dissolved, Field Filter ☐, Lab Filter ☐

Additional Analysis: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs/PAH, PCBs ☐ SOX ☐ ASE, Pesticides, Herbicides

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Standard ***	8270 CT List	8270 PNAs/PAH	TOTAL # OF CONT.	NOTE #
B27A 4-6'	5/21/24 1036	S	✱See note✱				X	X		1	1
B56 4-6'	5/21/24 0904	S					X		X	1	1

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other): C C
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other): G G — 2
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)

RELINQUISHED BY: DATE/TIME: 5-31-24 1540 RECEIVED BY:
RELINQUISHED BY: DATE/TIME: 5/31/24 15:40 RECEIVED BY: 5/31/24 15:40
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES: ✱ Need results w/in 5 business days by 6/6/24. Additional samples are being held that may be sent for additional analysis.
1. Please hold samples for potential additional analysis

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuic Inc.
Address: 40 Old Spring Rd.
City: Rocky Hill State: CT Zip: 06067
Report To: denpinho@zuic.com; ryan.orlowski@zuic.com
E-mail:
Phone #
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills, Windsor, CT PO #: —
Location: 1985 Blue Hills Ave Ext., Windsor, CT Project #: 23246-88
CET Quote #: 011823-B Collector(s): RO/GR
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format: REG COMP Other:
Reporting Limits: GA, RDEC Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 5.5 °C Evidence of Cooling: (Y) N
PAGE 1 OF 1

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. wi start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dan Pinho
Zuvic, Inc.
40 Cold Spring Road
Rocky Hill, CT 06067

Analytical Report

CET# 24F0174

Report Date:June 11, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24F0174
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

SAMPLE SUMMARY

The sample(s) were received at 5.0°C.
This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B44 2-4ft	24F0174-01	Soil	5/21/2024 11:58	05/22/2024
B42 0-2ft	24F0174-02	Soil	5/21/2024 13:25	05/22/2024

Analyte: Percent Solids [SM 2540 G] **Analyst: JF**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24F0174-01	B44 2-4ft	72	1.0	%	1	BF40750	06/07/2024	06/10/2024 11:50	
24F0174-02	B42 0-2ft	88	1.0	%	1	BF40750	06/07/2024	06/10/2024 11:50	

Analyte: Mercury [EPA 7471B] **Analyst: GEH**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24F0174-01	B44 2-4ft	ND	0.16	mg/kg dry	1	BF41005	06/10/2024	06/10/2024 14:43	
24F0174-02	B42 0-2ft	ND	0.14	mg/kg dry	1	BF41005	06/10/2024	06/10/2024 14:46	

CET # : 24F0174
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B44 2-4ft

Lab ID: 24F0174-01

Total Metals **Analyst: SS**

Method: EPA 6010D **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**48**	2.6	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:38	
Selenium	ND	3.2	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:38	
Cadmium	ND	0.64	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:38	
Chromium	**12**	2.6	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:38	
Arsenic	**3.6**	1.3	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:38	
Barium	**34**	2.6	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:38	
Silver	ND	2.6	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:38	
Copper	**10**	2.6	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:38	
Nickel	**7.4**	2.6	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:38	
Zinc	**54**	2.6	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:38	

Client Sample ID B42 0-2ft

Lab ID: 24F0174-02

Total Metals **Analyst: SS**

Method: EPA 6010D **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**10**	2.1	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:42	
Selenium	ND	2.6	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:42	
Cadmium	ND	0.52	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:42	
Chromium	**11**	2.1	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:42	
Arsenic	**2.3**	1.0	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:42	
Barium	**20**	2.1	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:42	
Silver	ND	2.1	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:42	
Copper	**19**	2.1	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:42	
Nickel	**7.5**	2.1	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:42	
Zinc	**36**	2.1	1	EPA 3051A	BF41034	06/10/2024	06/11/2024 11:42	

CET # : 24F0174
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

QUALITY CONTROL SECTION

Batch BF40750 - SM 2540 G

Analyte	Result (%)	RL (%)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Duplicate (BF40750-DUP1)		**Source: 24F0174-02**			Prepared: 6/7/2024 Analyzed: 6/10/2024				
Percent Solids	89	1.0		88			0.268	5	

CET # : 24F0174
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BF41005 - EPA 7471B

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF41005-BLK1)					Prepared: 6/10/2024 Analyzed: 6/10/2024				
Mercury	ND	0.13							
LCS (BF41005-BS1)					Prepared: 6/10/2024 Analyzed: 6/10/2024				
Mercury	1.26	0.13	1.250		101	80 - 120			
LCS Dup (BF41005-BSD1)					Prepared: 6/10/2024 Analyzed: 6/10/2024				
Mercury	1.24	0.13	1.250		99.5	80 - 120	1.68	20	

CET # : 24F0174
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BF41034 - EPA 6010D

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF41034-BLK1)					Prepared: 6/10/2024 Analyzed: 6/11/2024				
Lead	ND	2.0							
Selenium	ND	2.5							
Cadmium	ND	0.50							
Chromium	ND	2.0							
Arsenic	ND	1.0							
Barium	ND	2.0							
Silver	ND	2.0							
Copper	ND	2.0							
Nickel	ND	2.0							
Zinc	ND	2.0							
LCS (BF41034-BS1)					Prepared: 6/10/2024 Analyzed: 6/11/2024				
Lead	238	2.0	261.000		91.1	78 - 114			
Selenium	106	2.5	117.000		90.3	83 - 127			
Cadmium	179	0.50	199.000		89.8	84 - 119			
Chromium	187	2.0	210.000		89.2	80 - 117			
Arsenic	167	1.0	180.000		93.0	87 - 127			
Barium	387	2.0	431.000		89.9	81 - 114			
Silver	57.9	2.0	65.500		88.4	83 - 127			
Copper	195	2.0	229.000		85.3	79 - 110			
Nickel	102	2.0	108.000		94.8	79 - 114			
Zinc	238	2.0	264.000		90.1	82 - 121			
LCS Dup (BF41034-BSD1)					Prepared: 6/10/2024 Analyzed: 6/11/2024				
Lead	233	2.0	261.000		89.2	78 - 114	2.04	30	
Selenium	103	2.5	117.000		88.2	83 - 127	2.39	30	
Cadmium	178	0.50	199.000		89.2	84 - 119	0.730	30	
Chromium	183	2.0	210.000		87.0	80 - 117	2.43	30	
Arsenic	164	1.0	180.000		90.9	87 - 127	2.30	30	
Barium	366	2.0	431.000		84.8	81 - 114	5.79	30	
Silver	55.9	2.0	65.500		85.3	83 - 127	3.55	30	
Copper	191	2.0	229.000		83.6	79 - 110	2.02	30	
Nickel	101	2.0	108.000		93.2	79 - 114	1.67	30	
Zinc	233	2.0	264.000		88.1	82 - 121	2.25	30	

CET # : 24F0174
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Timothy Fusco



Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24F0174
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-8B

Sample Date(s): 05/21/2024

Laboratory Sample ID(s): 24F0174-01 thru 24F0174-02

List RCP Methods Used:

EPA 6010D, EPA 7471B

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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☐ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 06/11/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

RCP Case Narrative

6- Client requested a subset of the RCP Metals list.

7- Project specific QC was not requested by the client.

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BF41034	S4F1102	24F0174-01	B44 2-4ft	EPA 6010D	Soil	05/21/2024
BF41034	S4F1102	24F0174-02	B42 0-2ft	EPA 6010D	Soil	05/21/2024
BF41005		24F0174-01	B44 2-4ft	EPA 7471B	Soil	05/21/2024
BF41005		24F0174-02	B42 0-2ft	EPA 7471B	Soil	05/21/2024

Megan Carpenter

From: Dan Pinho <danpinho@zuvic.com>
Sent: Friday, June 7, 2024 12:40 PM
To: CET Services
Cc: Tory Man
Subject: RE: CET# 24E0899 PARTIAL
Attachments: 24E0899 PARTIAL.pdf

Good afternoon CET,

Thank you for sending over the partial for this report. In reviewing the report, it looks like SPLP RCRA 8 plus Cu, Ni, Zn was reported for samples B42 0-2' and B44 2-4' instead of total RCRA 8 plus Cu, Ni, Zn for both samples. See lab chain attached and email correspondence below.

We were looking to review results for total RCRA 8 plus Cu, Ni, Zn on these two samples before requesting SPLP on select metals for these two soil samples.

Please run the soil samples B42 0-2' and B44 2-4' for RCRA 8 plus Cu, Ni, Zn.

Thank you,

Daniel Pinho, LEP • Project Manager
860.899.1918 (direct) • 860.436.4901 (main)

ZUVIC | Infrastructure Solutions

40 Cold Spring Road, Suite 1, Rocky Hill, Connecticut 06067
WWW.ZUVIC.COM

Good evening CET,

Please find attached the revised lab chain for the additional testing requests below. Please call if there are any questions. Please confirm receipt.

CET Report 24E0689

Sample ID	Additional Analysis
B42 0-2'	SPLP Pests, RCRA 8 plus Cu, Ni, Zn
B44 2-4'	SPLP Pests, RCRA 8 plus Cu, Ni, Zn
B47 8-9.5'	SPLP Pests
B48 4-5'	SPLP Chromium, Arsenic, Barium, Nickel
B56 2-4'	SPLP PAHs

24F0174

A2 - standard TAT; DP, 5/30/2024

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client: 5/21/24 1500
CET: 05/22/24 1610

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day*, Next Day*, Two Day*, Three Day*, Standard***

Metals: 8 RCRA Cu, Ni, Zn; 13 Priority Poll.; 15 CT DEEP; Total; SPLP; TCLP; Dissolved; Field Filter ☐ Lab Filter ☐

Additional Analysis: Hold; SPLP PAHs; SPLP Pesticides

Sample ID/Sample Depths (Include Units for any sample depths provided)	Collection Date/Time	Matrix	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PAHs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	8 RCRA Cu, Ni, Zn	Hold	SPLP PAHs	SPLP Pesticides	TOTAL # OF CONT.	NOTE #
B54 6-8ft	5/21/24-0925	S				X		X								1	1
B56 2-4ft	5/21/24-0902	S						X		X				A2		1	1
B44 2-4ft	5/21/24-1158	S						X		X		A2			A2	1	1
B44 16-18ft	5/21/24-1204	S								X						1	1
B45 0-2ft	5/21/24-1139	S						X		X						1	1
B45 4-6ft	5/21/24-1141	S						X		X						1	1
B46 2-4ft	5/21/24-1122	S		X			X									4	1
B46 4-6ft	5/21/24-1123	S											X			4	1,2
B47 2-4ft	5/21/24-1052	S		X			X			X						4	1
B47 4-6ft	5/21/24-1053	S											X			4	1,2
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)			C				C	C		C			C			22	
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)			V				G	G		G			G				
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)			MS													5/30/24 Running total=	47

RELINQUISHED BY: DATE/TIME: 5/22/24 RECEIVED BY: (CET)
RELINQUISHED BY: DATE/TIME: 5/22/24 14:16 RECEIVED BY: 05/22/24 1415
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTE: Need results within 5 business days by 5/30/24. Additional samples are being held that may be sent for additional analysis
1) Please hold sample for future analysis
2 - hold VOC vials for future analysis
*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvi Inc
Address: 40 Cove Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: E-mail: cangemio@zuvi.com, ryan.brigham@zuvi.com
Phone:
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hill, Windsor CT Soil Sampling
PO #:
Location: 1881 Blue Hills Ave. Ext. Windsor CT
Project #: 23246-BB
CET Quote #: ONB23-B
Collector(s): RO/GR
QA/QC ☐ Std ☐ Site Specific (MS/MSD)* ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format: RBCA Comp Other
Reporting Limits: GA, RSR
Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 5 °C Evidence of Cooling: (Y) N
PAGE 2 OF 3

* Additional charges apply. **TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV 01/23

24F0174

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

A2 - standard TAT, DP, 5/30/2024

CHAIN OF CUSTODY

Volatile Soils Only: Date and Time in Freezer

Client:
CET: 05/22/24 16:00

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day*, Next Day*, Two Day*, Three Day*, Standard***

Metals: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs/PAH, PCBs, SOX, ASE, Pesticides, Herbicides, 8 RCRA Cu, Ni, Zn, 13 Priority Poll., 15 GT DEEP, Total Pb, SPLP Pb, TCLP, Dissolved, Field Filter, Lab Filter

Additional Analysis: SPLP Pesticides

Sample ID/Sample Depths (Include Units for any sample depths provided)	Collection Date/Time	Matrix	Turnaround Time	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs	SOX	ASE	Pesticides	Herbicides	8 RCRA Cu, Ni, Zn	13 Priority Poll.	15 GT DEEP	Total Pb	SPLP Pb	TCLP	Dissolved	Field Filter	Lab Filter	SPLP Pesticides	TOTAL # OF CONT.	NOTE #
B47 8-9.5ft	5/21/24 - 1056	S	A See note A										X	X										A2	1	1
B42 0-2ft	5/21/24 - 1325	S											X	A2										A2	1	1
B42 12-14ft	5/21/24 - 1332	S											X												1	1
B49 4-6ft	5/21/24 - 1432	S							X									X	X						1	1
B49 6-8ft	5/21/24 - 1438	S							X				X					X	X						1	1
B50 0-2ft	5/21/24 - 1341	S											X												1	1
B50 6-8ft	5/21/24 - 1343	S							X									X	X						1	1
B51 6-7.5ft	5/21/24 - 1409	S							X									X	X						1	1
PRESERVATIVE (C=HCl, N=HNO3, S=H2SO4, Na=NaOH, C=Cool, O=Other)									C	C			C		C			C	C						8	
CONTAINER TYPE (P=Plastic, G=Glass, V=Vial, O=Other)									G	G			G		G			G	G							
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)																								5/30/24 Running total =		55

RELINQUISHED BY: DATE/TIME: 5/22/24 1650 RECEIVED BY:
RELINQUISHED BY: DATE/TIME: 5/22/24 14:16 RECEIVED BY: Mato 05/22/24 14:16
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTE: *Need results by within 5 business days by 5/30/24. Additional samples are being held that may be sent for additional analysis.
1) Clean hold sample for future analysis
2) Hold 40ml vials for future analysis

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuur Inc.
Address: 40 Old Stony Rock Rd, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: dangmito@zuur.com, ryan.onorato@zuur.com E-mail
Phone #
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills Windsor CT Soil Samplings PO #:
Location: 1988 Blue Hills Ave. Ext. Windsor, CT Project #: 23246-8B
CET Quote #: 011823-B Collector(s): RO/RR
QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report: ☒ PDF ☒ EDD - Specify Format: DEP Comp Other:
Reporting Limits: GA RDEC Disposal Facility:
Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 5 °C Evidence of Cooling: (Y) N

PAGE 9 OF 9

* Additional charges apply. **TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV 01/23

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dan Pinho
Zuvic, Inc.
40 Cold Spring Road
Rocky Hill, CT 06067

Analytical Report

CET# 24F0290

Report Date:June 18, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24F0290
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

SAMPLE SUMMARY

The sample(s) were received at 4.0°C.
This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B44 4-6ft	24F0290-01	Soil	5/21/2024 11:59	06/12/2024

Analyte: Percent Solids [SM 2540 G] **Analyst: REW**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24F0290-01	B44 4-6ft	80	1.0	%	1	BF41322	06/13/2024	06/13/2024 14:40	

Analyte: Mercury [EPA 7471B] **Analyst: GEH**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24F0290-01	B44 4-6ft	ND	0.16	mg/kg dry	1	BF41305	06/13/2024	06/13/2024 15:10	

Analyte: SPLP Lead [EPA 6020B] **Analyst: EAS**

Prep: EPA 3005A-1312 **Matrix: Extract**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24F0290-01	B44 4-6ft	ND	0.014	mg/L	1	BF41438	06/14/2024	06/14/2024 19:53	

CET # : 24F0290
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B44 4-6ft

Lab ID: 24F0290-01

Total Metals **Analyst: SS**

Method: EPA 6010D **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**36**	2.4	1	EPA 3051A	BF41332	06/13/2024	06/17/2024 14:21	
Selenium	ND	3.0	1	EPA 3051A	BF41332	06/13/2024	06/17/2024 14:21	
Cadmium	ND	0.60	1	EPA 3051A	BF41332	06/13/2024	06/17/2024 14:21	
Chromium	**14**	2.4	1	EPA 3051A	BF41332	06/13/2024	06/17/2024 14:21	
Arsenic	**2.4**	1.2	1	EPA 3051A	BF41332	06/13/2024	06/17/2024 14:21	
Barium	**28**	2.4	1	EPA 3051A	BF41332	06/13/2024	06/17/2024 14:21	
Silver	ND	2.4	1	EPA 3051A	BF41332	06/13/2024	06/17/2024 14:21	
Copper	**8.4**	2.4	1	EPA 3051A	BF41332	06/13/2024	06/17/2024 14:21	
Nickel	**7.4**	2.4	1	EPA 3051A	BF41332	06/13/2024	06/17/2024 14:21	
Zinc	**39**	2.4	1	EPA 3051A	BF41332	06/13/2024	06/17/2024 14:21	

CET # : 24F0290
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

QUALITY CONTROL SECTION

Batch BF41305 - EPA 7471B

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF41305-BLK1)					Prepared: 6/13/2024 Analyzed: 6/13/2024				
Mercury	ND	0.13							
LCS (BF41305-BS1)					Prepared: 6/13/2024 Analyzed: 6/13/2024				
Mercury	1.24	0.13	1.250		99.4	80 - 120			
LCS Dup (BF41305-BSD1)					Prepared: 6/13/2024 Analyzed: 6/13/2024				
Mercury	1.25	0.13	1.250		100	80 - 120	0.869	20	

CET # : 24F0290
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BF41332 - EPA 6010D

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF41332-BLK1)					Prepared: 6/13/2024 Analyzed: 6/14/2024				
Lead	ND	2.0							
Selenium	ND	2.5							
Cadmium	ND	0.50							
Chromium	ND	2.0							
Arsenic	ND	1.0							
Barium	ND	2.0							
Silver	ND	2.0							
Copper	ND	2.0							
Nickel	ND	2.0							
Zinc	ND	2.0							
LCS (BF41332-BS1)					Prepared: 6/13/2024 Analyzed: 6/14/2024				
Lead	254	2.0	261.000		97.2	78 - 114			
Selenium	111	2.5	117.000		95.2	83 - 127			
Cadmium	192	0.50	199.000		96.3	84 - 119			
Chromium	201	2.0	210.000		95.7	80 - 117			
Arsenic	178	1.0	180.000		99.1	87 - 127			
Barium	386	2.0	431.000		89.5	81 - 114			
Silver	66.3	2.0	65.500		101	83 - 127			
Copper	209	2.0	229.000		91.2	79 - 110			
Nickel	109	2.0	108.000		101	79 - 114			
Zinc	255	2.0	264.000		96.4	82 - 121			
LCS Dup (BF41332-BSD1)					Prepared: 6/13/2024 Analyzed: 6/14/2024				
Lead	264	2.0	261.000		101	78 - 114	4.09	30	
Selenium	117	2.5	117.000		99.7	83 - 127	4.65	30	
Cadmium	202	0.50	199.000		101	84 - 119	5.08	30	
Chromium	212	2.0	210.000		101	80 - 117	5.52	30	
Arsenic	186	1.0	180.000		103	87 - 127	4.22	30	
Barium	410	2.0	431.000		95.1	81 - 114	6.03	30	
Silver	68.6	2.0	65.500		105	83 - 127	3.45	30	
Copper	217	2.0	229.000		94.7	79 - 110	3.76	30	
Nickel	114	2.0	108.000		105	79 - 114	4.03	30	
Zinc	264	2.0	264.000		100	82 - 121	3.74	30	

CET # : 24F0290
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Batch BF41438 - EPA 6020B

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF41438-BLK1)					Prepared: 6/14/2024 Analyzed: 6/14/2024				
Lead	ND	0.014							
LCS (BF41438-BS1)					Prepared: 6/14/2024 Analyzed: 6/14/2024				
Lead	0.200	0.015	0.200		100	80 - 120			
LCS Dup (BF41438-BSD1)					Prepared: 6/14/2024 Analyzed: 6/14/2024				
Lead	0.199	0.015	0.200		99.3	80 - 120	0.910	20	

CET # : 24F0290
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Timothy Fusco



Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24F0290
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-8B

Sample Date(s): 05/21/2024 ***Laboratory Sample ID(s):*** 24F0290-01

List RCP Methods Used:

EPA 1312, EPA 6010D, EPA 6020B, EPA 7471B

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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☐ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 06/18/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

RCP Case Narrative

6- Client requested a subset of the RCP Metals list.

7- Project specific QC was not requested by the client.

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BF41425		24F0290-01	B44 4-6ft	EPA 1312	Soil	05/21/2024
BF41332	S4F1419	24F0290-01	B44 4-6ft	EPA 6010D	Soil	05/21/2024
BF41438	S4F1415	24F0290-01	B44 4-6ft	EPA 6020B	Soil	05/21/2024
BF41305		24F0290-01	B44 4-6ft	EPA 7471B	Soil	05/21/2024

24F0290

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, OW=Orinking Water, C=Cassette Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Standard ***

Metals: 8 RCRA plus Cu, Ni, Zn; 13 Priority Poll.; 15 CT DEEP; Total; SPLP pb; TCLP; Dissolved; Field Filter ☐ Lab Filter ☐

Additional Analysis

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Standard ***	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	8 RCRA plus Cu, Ni, Zn	13 Priority Poll.	15 CT DEEP	Total	SPLP pb	TCLP	Dissolved	Field Filter ☐ Lab Filter ☐	Additional Analysis	TOTAL # OF CONT.	NOTE #
B44 4-6'	5/21/24 11:59	S					X										X				X					1	1

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	6/12/24 0900	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	6/12/24 13:15	06/12/24 13:15
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:
1. Please hold sample for potential additional analysis.

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvic Enc.
Address: 40 Cold Spring Rd, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: danpinho@zuvic.com ; ryan.carlowski@zuvic.com
E-mail
Phone #
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills Soil Sampling PO #:
Location: 1985 Blue Hills Ave Ext. ; Windsor, CT Project #: 23246-8B
CET Quote #: 011823-B Collector(s): RO / GR

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format REG COMO Other
Reporting Limits: GA, RDEC Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 4 °C Evidence of Cooling: (Y) N

PAGE 1 OF 1

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. wi start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dan Pinho
Zuvic, Inc.
40 Cold Spring Road
Rocky Hill, CT 06067

Analytical Report

CET# 24F0156R

Report Date:October 24, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24F0156
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

SAMPLE SUMMARY

The sample(s) were received at 5.0°C.
This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B56 2-4ft	24F0156-01	Soil	5/21/2024 9:02	05/22/2024

Client Sample ID B56 2-4ft
Lab ID: 24F0156-01

SPLP Organics **Analyst: MFJ**
Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Heptachlor	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Aldrin	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Endosulfan I	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
4,4-DDE	ND	0.0010	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Dieldrin	ND	0.0020	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Endrin	ND	0.022	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Chlordane	ND	0.20	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Toxaphene	ND	0.80	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Alachlor	ND	0.20	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:29	
Surrogate: TCMX [1C]	*66.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 19:29*	
Surrogate: TCMX [2C]	*66.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 19:29*	
Surrogate: DCB [1C]	*42.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 19:29*	
Surrogate: DCB [2C]	*40.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 19:29*	

CET # : 24F0156
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

QUALITY CONTROL SECTION

Batch BF41402 - EPA 8081B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF41402-BLK1)					Prepared: 6/14/2024 Analyzed: 6/18/2024				
Alpha-BHC	ND	0.0050							
Gamma-BHC	ND	0.0050							
Heptachlor	ND	0.0050							
Aldrin	ND	0.0050							
Beta-BHC	ND	0.0050							
Delta-BHC	ND	0.0050							
Heptachlor Epoxide	ND	0.0050							
Endosulfan I	ND	0.0050							
4,4-DDE	ND	0.0010							
Dieldrin	ND	0.0020							
Endrin	ND	0.022							
4,4-DDD	ND	0.0010							
Endosulfan II	ND	0.0050							
4,4-DDT	ND	0.0010							
Endrin Aldehyde	ND	0.0050							
4,4-Methoxychlor	ND	0.0050							
Endosulfan Sulfate	ND	0.0050							
Endrin Ketone	ND	0.0050							
Chlordane	ND	0.20							
Toxaphene	ND	0.80							
Alachlor	ND	0.20							
Surrogate: TCMX [1C]					*78.0*	*30 - 150*			
Surrogate: TCMX [2C]					*72.0*	*30 - 150*			
Surrogate: DCB [1C]					*85.0*	*30 - 150*			
Surrogate: DCB [2C]					*72.0*	*30 - 150*			
LCS (BF41402-BS1)					Prepared: 6/14/2024 Analyzed: 6/18/2024				
Alpha-BHC	0.0420	0.0050	0.050		84.0	50 - 150			
Gamma-BHC	0.0430	0.0050	0.050		86.0	50 - 150			
Heptachlor	0.0460	0.0050	0.050		92.0	50 - 150			
Aldrin	0.0440	0.0050	0.050		88.0	50 - 150			
Beta-BHC	0.0470	0.0050	0.050		94.0	50 - 150			
Delta-BHC	0.0400	0.0050	0.050		80.0	50 - 150			
Heptachlor Epoxide	0.0420	0.0050	0.050		84.0	50 - 150			
Endosulfan I	0.0370	0.0050	0.050		74.0	50 - 150			
4,4-DDE	0.0440	0.0010	0.050		88.0	50 - 150			
Dieldrin	0.0440	0.0020	0.050		88.0	50 - 150			
Endrin	0.0500	0.022	0.050		100	50 - 150			
4,4-DDD	0.0400	0.0010	0.050		80.0	50 - 150			
Endosulfan II	0.0420	0.0050	0.050		84.0	50 - 150			
4,4-DDT	0.0570	0.0010	0.050		114	50 - 150			
Endrin Aldehyde	0.0380	0.0050	0.050		76.0	50 - 150			
4,4-Methoxychlor	0.0640	0.0050	0.050		128	50 - 150			
Endosulfan Sulfate	0.0450	0.0050	0.050		90.0	50 - 150			
Endrin Ketone	0.0400	0.0050	0.050		80.0	50 - 150			
Alachlor	0.109	0.20	0.100		109	50 - 150			
Surrogate: TCMX [1C]					*91.0*	*30 - 150*			
Surrogate: TCMX [2C]					*88.0*	*30 - 150*			
Surrogate: DCB [1C]					*101*	*30 - 150*			

CET # : 24F0156
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BF41402-BS1) - Continued					Prepared: 6/14/2024 Analyzed: 6/18/2024				
Surrogate: DCB [2C]					*83.0*	*30 - 150*			
LCS Dup (BF41402-BSD1)					Prepared: 6/14/2024 Analyzed: 6/18/2024				
Alpha-BHC	0.0420	0.0050	0.050		84.0	50 - 150	0.00	20	
Gamma-BHC	0.0420	0.0050	0.050		84.0	50 - 150	2.35	20	
Heptachlor	0.0460	0.0050	0.050		92.0	50 - 150	0.00	20	
Aldrin	0.0430	0.0050	0.050		86.0	50 - 150	2.30	20	
Beta-BHC	0.0450	0.0050	0.050		90.0	50 - 150	4.35	20	
Delta-BHC	0.0390	0.0050	0.050		78.0	50 - 150	2.53	20	
Heptachlor Epoxide	0.0410	0.0050	0.050		82.0	50 - 150	2.41	20	
Endosulfan I	0.0340	0.0050	0.050		68.0	50 - 150	8.45	20	
4,4-DDE	0.0420	0.0010	0.050		84.0	50 - 150	4.65	20	
Dieldrin	0.0420	0.0020	0.050		84.0	50 - 150	4.65	20	
Endrin	0.0520	0.022	0.050		104	50 - 150	3.92	20	
4,4-DDD	0.0410	0.0010	0.050		82.0	50 - 150	2.47	20	
Endosulfan II	0.0370	0.0050	0.050		74.0	50 - 150	12.7	20	
4,4-DDT	0.0560	0.0010	0.050		112	50 - 150	1.77	20	
Endrin Aldehyde	0.0350	0.0050	0.050		70.0	50 - 150	8.22	20	
4,4-Methoxychlor	0.0610	0.0050	0.050		122	50 - 150	4.80	20	
Endosulfan Sulfate	0.0440	0.0050	0.050		88.0	50 - 150	2.25	20	
Endrin Ketone	0.0400	0.0050	0.050		80.0	50 - 150	0.00	20	
Alachlor	0.111	0.20	0.100		111	50 - 150	1.82	20	
Surrogate: TCMX [1C]					*92.0*	*30 - 150*			
Surrogate: TCMX [2C]					*91.0*	*30 - 150*			
Surrogate: DCB [1C]					*96.0*	*30 - 150*			
Surrogate: DCB [2C]					*83.0*	*30 - 150*			

CET # : 24F0156
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

CASE NARRATIVE

Revision: Original report dated 6/19/2024; RCP revised to reflect SPLP analysis for pesticides was analyzed out of hold time.

CET # : 24F0156
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Jeffrey Smith at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Timothy Fusco



Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24F0156
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-8B

Sample Date(s): 05/21/2024 ***Laboratory Sample ID(s):*** 24F0156-01

List RCP Methods Used:

EPA 1312, EPA 8081B

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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☐ Yes ☑ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☐ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 10/24/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

RCP Case Narrative

1A- Sample was extracted and analyzed past hold for SPLP 8081 per client request.

7- Project specific QC was not requested by the client.

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BF41125		24F0156-01	B56 2-4ft	EPA 1312	Soil	05/21/2024
BF41402	S4F1812	24F0156-01	B56 2-4ft	EPA 8081B	Soil	05/21/2024

Megan Carpenter

From: Dan Pinho <danpinho@zuvic.com>
Sent: Thursday, June 6, 2024 11:38 AM
To: CET Services
Cc: Tory Man; Ryan Orlowski
Subject: Lab Chain - Request additional analysis - 6-6-2024
Attachments: 24E0689_Lab Chain - Request additional analysis -_6-6-2024.pdf; 24E0861_Lab Chain - Request additional analysis -_6-6-2024.pdf

Good morning CET,

Please find attached the revised lab chains for the additional testing requests below. Please call if there are any questions. Please confirm receipt.

CET Report 24E0689

Sample ID	Additional Analysis
B56 2-4'	SPLP Pests

CET Report 24E0861

Sample ID	Additional Analysis
B24A 4-6'	SPLP Pests
B60 2-4'	SPLP Pests
B61 2-4'	SPLP Pests

Thank you,

Daniel Pinho, LEP • Project Manager
860.899.1918 (direct) • 860.436.4901 (main)

ZUVIC | Infrastructure Solutions

40 Cold Spring Road, Suite 1, Rocky Hill, Connecticut 06067
WWW.ZUVIC.COM

24F0156

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

A2 - standard TAT, DP, 5/30/2024
A3 - standard TAT, DP 6/6/2024

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client: 5/21/24 1800
CET: 05/22/24 1610

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Standard ***

Metals: 8 RCRA Cu, Ni, Zn; 13 Priority Poll.; 15 CT DEEP; Total; SPLP; TCLP; Dissolved; Field Filter ☐; Lab Filter ☐

Additional Analysis: HOLD; SPLP PAHs; SPLP Pesticides

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Standard ***	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	8 RCRA Cu, Ni, Zn	13 Priority Poll.	15 CT DEEP	Total	SPLP	TCLP	Dissolved	Field Filter ☐	Lab Filter ☐	HOLD	SPLP PAHs	SPLP Pesticides	TOTAL # OF CONT.	NOTE #
B54 6-8ft	5/21/24-0925	S	☆	See	note	☆				X		X																1	1
B56 2-4ft	5/21/24-0902	S										X		X													A2	A3	1	1
B44 2-4ft	5/21/24-1158	S										X		X		A2											A2		1	1
B44 16-18ft	5/21/24-1204	S												X															1	1
B45 0-2ft	5/21/24-1139	S											X	X															1	1
B45 4-6ft	5/21/24-1141	S											X	X															1	1
B46 2-4ft	5/21/24-1122	S						X				X																	4	1
B46 4-6ft	5/21/24-1123	S																								X			4	1,2
B47 2-4ft	5/21/24-1052	S						X				X		X															4	1
B47 4-6ft	5/21/24-1053	S																								X			4	1,2
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)								C				C	C		C											C			22	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)								V				6	6		6											G				
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)								VS																					5/30/24 Running total=	47

RELINQUISHED BY: DATE/TIME 5/22/24 RECEIVED BY: CCUD

RELINQUISHED BY: DATE/TIME 5/22/24 14:15 RECEIVED BY: 05/22/24 1415

RELINQUISHED BY: DATE/TIME RECEIVED BY:

NOTES: ☆ Need results within 5 business days by Stellar. Additional samples are being held that may be sent for additional analysis
1) Please hold sample for future analysis
2 - hold VOCs vials for future analysis

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvi Inc.
Address: 40 Cove Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: dangimino@zuvic.com, ryan.gnidziak@zuvic.com
E-mail:
Phone #:
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills, Windsor CT Soil Sampling
PO #:
Location: 1081 Blue Hills Ave Ext. Windsor CT
Project #: 23246-BB
CET Quote #: 01823-B
Collector(s): RO/GR

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report: ☒ PDF ☒ EDD - Specify Format RBCA Comp Other
Reporting Limits: GA, RDEC
Disposal Facility:
Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 5 °C
Evidence of Cooling: (Y) N

PAGE 2 OF 3

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV 01/23

Megan Carpenter

From: Dan Pinho <danpinho@zuvic.com>
Sent: Thursday, June 6, 2024 1:49 PM
To: CET Services
Cc: Tory Man; Ryan Orlowski
Subject: RE: Lab Chain - Request additional analysis - 6-6-2024

Yes please.

Thanks,

Dan P

From: CET Services <cetservices@cetlabs.com>
Sent: Thursday, June 6, 2024 1:47 PM
To: Dan Pinho <danpinho@zuvic.com>
Cc: Tory Man <victoria.man@zuvic.com>; Ryan Orlowski <ryan.orlowski@zuvic.com>
Subject: RE: Lab Chain - Request additional analysis - 6-6-2024

Received; it looks like these samples are past hold time for SPLP pesticides, do you still want us to run them?

Thank you,

Megan Carpenter
Complete Environmental Testing, Inc.
80 Lupes Drive
Stratford, CT 06615
203-377-9984

Give us your feedback: Survey

This e-mail and any attachments contain CET confidential information that may be proprietary or privileged. If you receive this message in error or are not the intended recipient, you should not retain, distribute, disclose or use any of this information and you should destroy the e-mail and any attachments or copies. If you received this message in error please call 203-377-9984.

From: Dan Pinho <danpinho@zuvic.com>
Sent: Thursday, June 6, 2024 11:38 AM
To: CET Services <cetservices@cetlabs.com>
Cc: Tory Man <victoria.man@zuvic.com>; Ryan Orlowski <ryan.orlowski@zuvic.com>
Subject: Lab Chain - Request additional analysis - 6-6-2024

Good morning CET,

Please find attached the revised lab chains for the additional testing requests below. Please call if there are any questions. Please confirm receipt.

CET Report 24E0689

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dan Pinho
Zuvic, Inc.
40 Cold Spring Road
Rocky Hill, CT 06067

Analytical Report

CET# 24F0157R

Report Date:October 24, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24F0157
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

SAMPLE SUMMARY

The sample(s) were received at 6.0ºC.
This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B61 2-4ft	24F0157-01	Soil	5/20/2024 9:58	05/30/2024
B24A 4-6ft	24F0157-02	Soil	5/20/2024 13:22	05/30/2024
B60 2-4ft	24F0157-03	Soil	5/20/2024 10:12	05/30/2024

Client Sample ID B61 2-4ft

Lab ID: 24F0157-01

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Heptachlor	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Aldrin	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Endosulfan I	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
4,4-DDE	ND	0.0010	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Dieldrin	ND	0.0020	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Endrin	ND	0.022	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Chlordane	ND	0.20	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Toxaphene	ND	0.80	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Alachlor	ND	0.20	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:42	
Surrogate: TCMX [1C]	*71.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 19:42*	
Surrogate: TCMX [2C]	*74.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 19:42*	
Surrogate: DCB [1C]	*57.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 19:42*	
Surrogate: DCB [2C]	*53.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 19:42*	

CET # : 24F0157
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B24A 4-6ft

Lab ID: 24F0157-02

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Heptachlor	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Aldrin	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Endosulfan I	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
4,4-DDE	ND	0.0010	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Dieldrin	ND	0.0020	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Endrin	ND	0.022	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Chlordane	ND	0.20	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Toxaphene	ND	0.80	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Alachlor	ND	0.20	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 19:56	
Surrogate: TCMX [1C]	*71.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 19:56*	
Surrogate: TCMX [2C]	*80.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 19:56*	
Surrogate: DCB [1C]	*51.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 19:56*	
Surrogate: DCB [2C]	*51.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 19:56*	

CET # : 24F0157
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Client Sample ID B60 2-4ft

Lab ID: 24F0157-03

SPLP Organics **Analyst: MFJ**

Method: EPA 8081B-1312 **Matrix: Extract**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Alpha-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Heptachlor	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Aldrin	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Beta-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Delta-BHC	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Endosulfan I	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
4,4-DDE	ND	0.0010	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Dieldrin	ND	0.0020	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Endrin	ND	0.022	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
4,4-DDD	ND	0.0010	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Endosulfan II	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
4,4-DDT	ND	0.0010	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Chlordane	ND	0.20	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Toxaphene	ND	0.80	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Alachlor	ND	0.20	1	EPA 3510C	BF41402	06/14/2024	06/18/2024 20:09	
Surrogate: TCMX [1C]	*67.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 20:09*	
Surrogate: TCMX [2C]	*75.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 20:09*	
Surrogate: DCB [1C]	*53.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 20:09*	
Surrogate: DCB [2C]	*49.0 %*	*30 - 150*			BF41402	06/14/2024	*06/18/2024 20:09*	

CET # : 24F0157
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

QUALITY CONTROL SECTION

Batch BF41402 - EPA 8081B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF41402-BLK1)					Prepared: 6/14/2024 Analyzed: 6/18/2024				
Alpha-BHC	ND	0.0050							
Gamma-BHC	ND	0.0050							
Heptachlor	ND	0.0050							
Aldrin	ND	0.0050							
Beta-BHC	ND	0.0050							
Delta-BHC	ND	0.0050							
Heptachlor Epoxide	ND	0.0050							
Endosulfan I	ND	0.0050							
4,4-DDE	ND	0.0010							
Dieldrin	ND	0.0020							
Endrin	ND	0.022							
4,4-DDD	ND	0.0010							
Endosulfan II	ND	0.0050							
4,4-DDT	ND	0.0010							
Endrin Aldehyde	ND	0.0050							
4,4-Methoxychlor	ND	0.0050							
Endosulfan Sulfate	ND	0.0050							
Endrin Ketone	ND	0.0050							
Chlordane	ND	0.20							
Toxaphene	ND	0.80							
Alachlor	ND	0.20							
Surrogate: TCMX [1C]					*78.0*	*30 - 150*			
Surrogate: TCMX [2C]					*72.0*	*30 - 150*			
Surrogate: DCB [1C]					*85.0*	*30 - 150*			
Surrogate: DCB [2C]					*72.0*	*30 - 150*			
LCS (BF41402-BS1)					Prepared: 6/14/2024 Analyzed: 6/18/2024				
Alpha-BHC	0.0420	0.0050	0.050		84.0	50 - 150			
Gamma-BHC	0.0430	0.0050	0.050		86.0	50 - 150			
Heptachlor	0.0460	0.0050	0.050		92.0	50 - 150			
Aldrin	0.0440	0.0050	0.050		88.0	50 - 150			
Beta-BHC	0.0470	0.0050	0.050		94.0	50 - 150			
Delta-BHC	0.0400	0.0050	0.050		80.0	50 - 150			
Heptachlor Epoxide	0.0420	0.0050	0.050		84.0	50 - 150			
Endosulfan I	0.0370	0.0050	0.050		74.0	50 - 150			
4,4-DDE	0.0440	0.0010	0.050		88.0	50 - 150			
Dieldrin	0.0440	0.0020	0.050		88.0	50 - 150			
Endrin	0.0500	0.022	0.050		100	50 - 150			
4,4-DDD	0.0400	0.0010	0.050		80.0	50 - 150			
Endosulfan II	0.0420	0.0050	0.050		84.0	50 - 150			
4,4-DDT	0.0570	0.0010	0.050		114	50 - 150			
Endrin Aldehyde	0.0380	0.0050	0.050		76.0	50 - 150			
4,4-Methoxychlor	0.0640	0.0050	0.050		128	50 - 150			
Endosulfan Sulfate	0.0450	0.0050	0.050		90.0	50 - 150			
Endrin Ketone	0.0400	0.0050	0.050		80.0	50 - 150			
Alachlor	0.109	0.20	0.100		109	50 - 150			
Surrogate: TCMX [1C]					*91.0*	*30 - 150*			
Surrogate: TCMX [2C]					*88.0*	*30 - 150*			
Surrogate: DCB [1C]					*101*	*30 - 150*			

CET # : 24F0157
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BF41402-BS1) - Continued					Prepared: 6/14/2024 Analyzed: 6/18/2024				
Surrogate: DCB [2C]					*83.0*	*30 - 150*			
LCS Dup (BF41402-BSD1)					Prepared: 6/14/2024 Analyzed: 6/18/2024				
Alpha-BHC	0.0420	0.0050	0.050		84.0	50 - 150	0.00	20	
Gamma-BHC	0.0420	0.0050	0.050		84.0	50 - 150	2.35	20	
Heptachlor	0.0460	0.0050	0.050		92.0	50 - 150	0.00	20	
Aldrin	0.0430	0.0050	0.050		86.0	50 - 150	2.30	20	
Beta-BHC	0.0450	0.0050	0.050		90.0	50 - 150	4.35	20	
Delta-BHC	0.0390	0.0050	0.050		78.0	50 - 150	2.53	20	
Heptachlor Epoxide	0.0410	0.0050	0.050		82.0	50 - 150	2.41	20	
Endosulfan I	0.0340	0.0050	0.050		68.0	50 - 150	8.45	20	
4,4-DDE	0.0420	0.0010	0.050		84.0	50 - 150	4.65	20	
Dieldrin	0.0420	0.0020	0.050		84.0	50 - 150	4.65	20	
Endrin	0.0520	0.022	0.050		104	50 - 150	3.92	20	
4,4-DDD	0.0410	0.0010	0.050		82.0	50 - 150	2.47	20	
Endosulfan II	0.0370	0.0050	0.050		74.0	50 - 150	12.7	20	
4,4-DDT	0.0560	0.0010	0.050		112	50 - 150	1.77	20	
Endrin Aldehyde	0.0350	0.0050	0.050		70.0	50 - 150	8.22	20	
4,4-Methoxychlor	0.0610	0.0050	0.050		122	50 - 150	4.80	20	
Endosulfan Sulfate	0.0440	0.0050	0.050		88.0	50 - 150	2.25	20	
Endrin Ketone	0.0400	0.0050	0.050		80.0	50 - 150	0.00	20	
Alachlor	0.111	0.20	0.100		111	50 - 150	1.82	20	
Surrogate: TCMX [1C]					*92.0*	*30 - 150*			
Surrogate: TCMX [2C]					*91.0*	*30 - 150*			
Surrogate: DCB [1C]					*96.0*	*30 - 150*			
Surrogate: DCB [2C]					*83.0*	*30 - 150*			

CET # : 24F0157
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

CASE NARRATIVE

Revision: Original report dated 6/19/2024; RCP revised to reflect SPLP analysis for pesticides was analyzed out of hold time.

CET # : 24F0157
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Jeffrey Smith at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Timothy Fusco



Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24F0157
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-8B

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-8B

Sample Date(s): 05/20/2024

Laboratory Sample ID(s): 24F0157-01 thru 24F0157-03

List RCP Methods Used:

EPA 1312, EPA 8081B

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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☐ Yes ☑ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☐ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 10/24/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

RCP Case Narrative

1A- Samples were extracted and analyzed past hold for SPLP 8081 per client request.

7- Project specific QC was not requested by the client.

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BF41125		24F0157-01	B61 2-4ft	EPA 1312	Soil	05/20/2024
BF41125		24F0157-02	B24A 4-6ft	EPA 1312	Soil	05/20/2024
BF41125		24F0157-03	B60 2-4ft	EPA 1312	Soil	05/20/2024
BF41402	S4F1812	24F0157-01	B61 2-4ft	EPA 8081B	Soil	05/20/2024
BF41402	S4F1812	24F0157-02	B24A 4-6ft	EPA 8081B	Soil	05/20/2024
BF41402	S4F1812	24F0157-03	B60 2-4ft	EPA 8081B	Soil	05/20/2024

Megan Carpenter

From: Dan Pinho <danpinho@zuvic.com>
Sent: Thursday, June 6, 2024 11:38 AM
To: CET Services
Cc: Tory Man; Ryan Orlowski
Subject: Lab Chain - Request additional analysis - 6-6-2024
Attachments: 24E0689_Lab Chain - Request additional analysis -_6-6-2024.pdf; 24E0861_Lab Chain - Request additional analysis -_6-6-2024.pdf

Good morning CET,

Please find attached the revised lab chains for the additional testing requests below. Please call if there are any questions. Please confirm receipt.

CET Report 24E0689

Sample ID	Additional Analysis
B56 2-4'	SPLP Pests

CET Report 24E0861

Sample ID	Additional Analysis
B24A 4-6'	SPLP Pests
B60 2-4'	SPLP Pests
B61 2-4'	SPLP Pests

Thank you,

Daniel Pinho, LEP • Project Manager
860.899.1918 (direct) • 860.436.4901 (main)

ZUVIC | Infrastructure Solutions

40 Cold Spring Road, Suite 1, Rocky Hill, Connecticut 06067
WWW.ZUVIC.COM

24F0157

A3 - standard TAT, DP 6/6/2024

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day*, Next Day*, Two Day*, Three Day*, Standard***

Metals: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs/PAH, PCBs ☐ SOX ☐ ASE, Pesticides, Herbicides, 8 RCRA, 13 Priority Poll., 15 CT DEEP, Total, SPLP, TCLP, Dissolved, Field Filter ☐ Lab Filter ☐

Additional Analysis: Hold, SPLP Pesticides

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Turnaround Time ** (check one)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	8 RCRA	13 Priority Poll.	15 CT DEEP	Total	SPLP	TCLP	Dissolved	Field Filter ☐ Lab Filter ☐	Hold	SPLP Pesticides	TOTAL # OF CONT.	NOTE #
B61 2-4ft	5/20/24-0958	S	Standard *** X						X		X											A3	1	1
B61 4-6ft	5/20/24-0956	S	Standard *** X																		X		1	1
B64 2-4ft	5/20/24-1112	S	Standard *** X						X		X												1	1
B64 4-6ft	5/20/24-1110	S	Standard *** X																		X		1	1
B24A 4-6ft	5/20/24 1322	S	Standard *** X								X											A3	1	1
B43 2-4ft	5/20/24 1452	S																			X		1	1
B43 4-6 ft.	5/20/24 1450	S																			X		1	1
B57 2-4 ft.	5/20/24 1333	S	Standard *** X								X												1	1
B57 4-6 ft.	5/20/24 1331	S																			X		1	1
B59 2-4 ft.	5/21/24 0844	S	Standard *** X								X												1	1
PRESERVATIVE (C=HCl, N=HNO3, S=H2SO4, Na=NaOH, C=Cool, O=Other)								C			C										C	C		
CONTAINER TYPE (P=Plastic, G=Glass, V=Vial, O=Other)								G			G										G	G	10/16	

Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	5/30/24-1005	DHL 5/30/24 1005
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Need results within 5 business days by 6/5/24. Additional samples are being held that may be sent for additional analysis.
1. Please hold ## Sampler for potential additional analysis.

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zwirl Inc.
Address: 40 Old Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: E-mail: dangonhue@zwirl.com, mgonowski@zwirl.com
Phone #:
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hill, Windsor, CT Soil Sampling PO #:
Location: 1985 Blue Hill Ave. Ext., Windsor, CT Project #: 23246-8B
CET Quote #: 011823-B Collector(s): RO/GR
QA/QC ☐ Std ☐ Site Specific (MS/MSD)* ☒ RCP Pkg. ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format: REG COMP Other:
Reporting Limits: GA, RDEC Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 6 °C Evidence of Cooling: (Y) N
PAGE 1 OF 2

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

24F0157

A3 - standard TAT, DP 6/6/2024

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day*, Next Day*, Two Day*, Three Day*, Standard***

Metals: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs/PAH, PCBs, SOX, ASE, Pesticides, Herbicides, 8 RCRA, 13 Priority Poll., 15 CT DEEP, Total, SPLP, TCLP, Dissolved, Field Filter, Lab Filter

Additional Analysis: Hold, SPLP Pesticides

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Turnaround Time	Pesticides	Hold	SPLP Pesticides	TOTAL # OF CONT.	NOTE #
B59 4-6 ft.	5/20/24 0846	S	* See note		X		1	1
B60 2-4 ft.	5/20/24 1012	S		X		A3	1	1
B60 4-6 ft.	5/20/24 1010	S			X		1	1
B62 2-4 ft.	5/20/24 1152	S			X		1	1
B62 4-6 ft.	5/20/24 1150	S			X		1	1
~~B62 2-4 ft.~~	~~5/20/24~~	~~S~~		~~X~~		~~X~~	~~1~~	~~1~~
B63 4-6 ft.	5/20/24 1155	S			X		1	1
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)				C	C	C	7	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)				G	G	G	~~8~~	

Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)

RELINQUISHED BY: DATE/TIME: 5/30/24 1005 RECEIVED BY: [illegible] 5/30/24 1005
RELINQUISHED BY: DATE/TIME: RECEIVED BY:
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES: * need result within 5 business days by 6/5/24 Additional samples are being held that may be sent for additional analysis. 1. Please hold samples for potential additional analysis

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvic Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report to: E-mail: dangphue@zuvic.com, ryan.onowski@zuvic.com
Phone #
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills Windsor, CT Soil Samplings PO #:
Location: 1491 Blue Hills Ave. Ext. Windsor, CT Project #: 23246-8B
CET Quote #: 011822-B Collector(s): RO/GR
QA/QC ☐ Std ☐ Site Specific (MS/MSD)* ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format: REG TOMO Other
Reporting Limits: GA, RDEC Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 1.0 °C Evidence of Cooling: (Y) N
PAGE 2 OF 2

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

Megan Carpenter

From: Dan Pinho <danpinho@zuvic.com>
Sent: Thursday, June 6, 2024 1:49 PM
To: CET Services
Cc: Tory Man; Ryan Orlowski
Subject: RE: Lab Chain - Request additional analysis - 6-6-2024

Follow Up Flag: Follow up
Flag Status: Completed

Yes please.

Thanks,

Dan P

From: CET Services <cetservices@cetlabs.com>
Sent: Thursday, June 6, 2024 1:47 PM
To: Dan Pinho <danpinho@zuvic.com>
Cc: Tory Man <victoria.man@zuvic.com>; Ryan Orlowski <ryan.orlowski@zuvic.com>
Subject: RE: Lab Chain - Request additional analysis - 6-6-2024

Received; it looks like these samples are past hold time for SPLP pesticides, do you still want us to run them?

Thank you,

Megan Carpenter
Complete Environmental Testing, Inc.
80 Lupes Drive
Stratford, CT 06615
203-377-9984

Give us your feedback: Survey

This e-mail and any attachments contain CET confidential information that may be proprietary or privileged. If you receive this message in error or are not the intended recipient, you should not retain, distribute, disclose or use any of this information and you should destroy the e-mail and any attachments or copies. If you received this message in error please call 203-377-9984.

From: Dan Pinho <danpinho@zuvic.com>
Sent: Thursday, June 6, 2024 11:38 AM
To: CET Services <cetservices@cetlabs.com>
Cc: Tory Man <victoria.man@zuvic.com>; Ryan Orlowski <ryan.orlowski@zuvic.com>
Subject: Lab Chain - Request additional analysis - 6-6-2024

Good morning CET,

Please find attached the revised lab chains for the additional testing requests below. Please call if there are any questions. Please confirm receipt.

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24E0649
Date Samples Collected: 5/20/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation - Release Delineation

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
X	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes:	
X	DATA ARE USABLE
Exceptions:	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered “YES” or “N/A”
X	Case narrative provided for all “NO” answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered “NO”
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0649

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0649

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

X	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery: Sample B59 0-2ft; SURR: Nitrobenzene-d5; 17.6%; 30-130; B60 0-2ft; SURR: Nitrobenzene-d5; 26.3%;30-130	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions: Due to low recovery of the surrogate Nitrobenzene-d5, results reported for compounds (2-methylnaphthalene and naphthalene) associated with the surrogate may be biased low in samples B59 0-2 ft and B60 0-2 ft. Compounds associated with the surrogate were reported below laboratory reporting limits and well below RSR criteria in both samples, therefore data are usable for its intended purpose.	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0649

SITE CONTAMINANTS OF CONCERN - project manager to complete

X	Extractable total petroleum hydrocarbons (ETPH)
	Aromatic volatile organic compounds (AVOCs)
	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
X	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	Phthalates
X	Pesticides, SPLP Pesticides
	Herbicides
	Cyanide
	Arsenic, SPLP
	Barium, SPLP
	Cadmium
	Chromium, SPLP
	Copper
X	Lead, SPLP
	Mercury
	Nickel, SPLP
	Selenium
	Silver
	Zinc, SPLP
	Ethylene Glycol
	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception: Requested a subset of the RCP 8270 and Metals list	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site soil conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0649

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

Poorly Performing Compounds	Common Lab Contaminants
Acetone	Methylene chloride
Benzyl Alcohol	Acetone
Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
1,2-dibromo-3-chloropropane	Freons (chloro fluoro methanes or ethanes)
Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0649

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24E0689
Date Samples Collected: 5/20/2024 and 5/21/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation - Release Delineation

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
X	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes:	
X	DATA ARE USABLE
Exceptions:	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered “YES” or “N/A”
X	Case narrative provided for all “NO” answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered “NO”
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0689

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS are within allowable limits, note NA

X	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
X	Compounds with low recoveries are poorly performing compounds or common lab contaminants (see list below)
Exceptions:	
X	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
X	Compounds with high recoveries are poorly performing compounds and/or common lab contaminants (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

X	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
X	Compounds with low recoveries are poorly performing compounds and/or common lab contaminants
Exceptions:	
X	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
X	Compounds with high recoveries are poorly performing compounds and/or common lab contaminants
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0689

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

X	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery: Sample B47 2-4ft; SURR: 2-Fluorophenol; 29.5%/ 30-130; Sample B47 2-4ft; SURR: Nitrobenzene-d5; 28.9 %/30-130	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions: Due to low recovery of the surrogates 2-Fluorophenol and Nitrobenzene-d5 (2-methylnaphthalene and naphthalene), results reported for compounds associated with the surrogates may be biased low in sample B47 2-4 ft. Compounds associated with the surrogates were reported below laboratory reporting limits and below RSR criteria in both samples, therefore data are usable for its intended purpose. In addition, those PAHs detected in the sample were below criteria and their associated surrogates were within range and therefore usable.	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0689

SITE CONTAMINANTS OF CONCERN - project manager to complete

X	Extractable total petroleum hydrocarbons (ETPH)
	Aromatic volatile organic compounds (AVOCs)
X	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
X	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	Phthalates
X	Pesticides
	Herbicides
	Cyanide
X	Arsenic, SPLP Arsenic
X	Barium,
X	Cadmium
X	Chromium
X	Copper
X	Lead, SPLP Lead
X	Mercury
X	Nickel
X	Selenium
X	Silver
X	Zinc, SPLP
	Ethylene Glycol
X	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception: Requested a subset of the RCP 8260, 8270 and Metals list	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site soil conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0689

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

Poorly Performing Compounds	Common Lab Contaminants
Acetone	Methylene chloride
Benzyl Alcohol	Acetone
Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
1,2-dibromo-3-chloropropane	Freons (chloro fluoro methanes or ethanes)
Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0689

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24E0851
Date Samples Collected: 5/20/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation - Release Delineation

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
X	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes:	
X	DATA ARE USABLE
Exceptions:	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered “YES” or “N/A”
X	Case narrative provided for all “NO” answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered “NO”
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0851

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0851

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
NA	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0851

SITE CONTAMINANTS OF CONCERN - project manager to complete

	Extractable total petroleum hydrocarbons (ETPH), SPLP
	Aromatic volatile organic compounds (AVOCs)
	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	Phthalates
X	Pesticides, SPLP Pesticides
	Herbicides
	Cyanide
	Arsenic, SPLP
	Barium, SPLP
	Cadmium
	Chromium, SPLP
	Copper
	Lead, SPLP
	Mercury
	Nickel, SPLP
	Selenium
	Silver
	Zinc, SPLP
	Ethylene Glycol
	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception:	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site soil conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0851

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

Poorly Performing Compounds	Common Lab Contaminants
Acetone	Methylene chloride
Benzyl Alcohol	Acetone
Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
1,2-dibromo-3-chloropropane	Freons (chloro fluoro methanes or ethanes)
Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0851

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24E0861
Date Samples Collected: 5/20/2024 and 5/21/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation - Release Delineation

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
X	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes:	
X	DATA ARE USABLE
Exceptions:	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered “YES” or “N/A”
X	Case narrative provided for all “NO” answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered “NO”
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0861

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0861

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0861

SITE CONTAMINANTS OF CONCERN - project manager to complete

	Extractable total petroleum hydrocarbons (ETPH), SPLP
	Aromatic volatile organic compounds (AVOCs)
	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
X	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	Phthalates
X	Pesticides, SPLP Pesticides
	Herbicides
	Cyanide
	Arsenic, SPLP
	Barium, SPLP
	Cadmium
	Chromium, SPLP
	Copper
	Lead, SPLP
	Mercury
	Nickel, SPLP
	Selenium
	Silver
	Organics, SPLP
	Ethylene Glycol
	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception: Requested a subset of the RCP 8270 list	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site soil conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0861

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

Poorly Performing Compounds	Common Lab Contaminants
Acetone	Methylene chloride
Benzyl Alcohol	Acetone
Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
1,2-dibromo-3-chloropropane	Freons (chloro fluoro methanes or ethanes)
Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0861

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24E0877
Date Samples Collected: 5/20/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation - Release Delineation

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
X	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes:	
X	DATA ARE USABLE
Exceptions:	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered “YES” or “N/A”
X	Case narrative provided for all “NO” answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered “NO”
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0877

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0877

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0877

SITE CONTAMINANTS OF CONCERN - project manager to complete

	Extractable total petroleum hydrocarbons (ETPH), SPLP
	Aromatic volatile organic compounds (AVOCs)
	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	Phthalates
X	Pesticides, SPLP Pesticides
	Herbicides
	Cyanide
	Arsenic, SPLP
	Barium, SPLP
	Cadmium
	Chromium, SPLP
	Copper
	Lead, SPLP
	Mercury
	Nickel, SPLP
	Selenium
	Silver
	Zinc, SPLP
	Ethylene Glycol
	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception: Requested a subset of the RCP Metals list	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site soil conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0877

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

Poorly Performing Compounds	Common Lab Contaminants
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Benzyl Alcohol	Acetone
Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
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Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0877

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24E0899
Date Samples Collected: 5/21/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation - Release Delineation

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
X	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes:	
X	DATA ARE USABLE
Exceptions:	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered “YES” or “N/A”
X	Case narrative provided for all “NO” answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered “NO”
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0899

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0899

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
NA	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0899

SITE CONTAMINANTS OF CONCERN - project manager to complete

	Extractable total petroleum hydrocarbons (ETPH), SPLP
	Aromatic volatile organic compounds (AVOCs)
	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
X	SPLP Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	Phthalates
X	SPLP Pesticides
	Herbicides
	Cyanide
X	SPLP Arsenic
X	SPLP Barium
X	SPLP Cadmium
X	SPLP Chromium
X	SPLP Copper
X	SPLP Lead
X	SPLP Mercury
X	SPLP Nickel
X	SPLP Selenium
X	SPLP Silver
X	SPLP Zinc
	Ethylene Glycol
	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception: Requested a subset of the RCP 8270s list	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site soil conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0899

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

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Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0899

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24E0914
Date Samples Collected: 5/21/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation - Release Delineation

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
X	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes:	
X	DATA ARE USABLE
Exceptions:	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered “YES” or “N/A”
X	Case narrative provided for all “NO” answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered “NO”
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0914

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS and LCS Dup are within allowable limits, note NA

X	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
X	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

X	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery: Benzyl alcohol; S4F0415 (B27A 4-6 ft and B56 4-6 ft); 70.4%; 80-120	
X	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	Benzyl alcohol was within allowable limits in the LCS, therefore the data are usable.

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0914

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
NA	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0914

SITE CONTAMINANTS OF CONCERN - project manager to complete

	Extractable total petroleum hydrocarbons (ETPH), SPLP
	Aromatic volatile organic compounds (AVOCs)
	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
X	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	Phthalates
	Pesticides, SPLP
	Herbicides
	Cyanide
	Arsenic, SPLP
	Barium, SPLP
	Cadmium
	Chromium, SPLP
	Copper
	Lead, SPLP
	Mercury
	Nickel, SPLP
	Selenium
	Silver
	Zinc, SPLP
	Ethylene Glycol
X	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception: Requested a subset of the RCP 8270 list	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site soil conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0914

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

Poorly Performing Compounds	Common Lab Contaminants
Acetone	Methylene chloride
Benzyl Alcohol	Acetone
Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
1,2-dibromo-3-chloropropane	Freons (chloro fluoro methanes or ethanes)
Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0914

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24F0156R
Date Samples Collected: 5/21/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation - Release Delineation

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
X	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes:	
X	DATA ARE USABLE
Exceptions: Sample B56 2-4 ft was analyzed past the hold time for SPLP pesticides. Leachable pesticides were not detected in the sample. Pesticides persist in the environment for many years without degradation; therefore, the data are usable for its intended purpose.	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered “YES” or “N/A”
X	Case narrative provided for all “NO” answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered “NO”
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24F0156R

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24F0156R

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24F0156R

SITE CONTAMINANTS OF CONCERN - project manager to complete

	Extractable total petroleum hydrocarbons (ETPH), SPLP
	Aromatic volatile organic compounds (AVOCs)
	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	Phthalates
X	SPLP Pesticides
	Herbicides
	Cyanide
	Arsenic, SPLP
	Barium, SPLP
	Cadmium
	Chromium, SPLP
	Copper
	Lead, SPLP
	Mercury
	Nickel, SPLP
	Selenium
	Silver
	Zinc, SPLP
	Ethylene Glycol
	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception:	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site soil conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions: Sample B56 2-4 ft was analyzed past the hold time for SPLP pesticides. Leachable pesticides were not detected in the sample. Pesticides persist in the environment for many years without degradation; therefore, the data are usable for its intended purpose.	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24F0156R

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

Poorly Performing Compounds	Common Lab Contaminants
Acetone	Methylene chloride
Benzyl Alcohol	Acetone
Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
1,2-dibromo-3-chloropropane	Freons (chloro fluoro methanes or ethanes)
Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24F0156R

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24F0157R
Date Samples Collected: 5/20/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation - Release Delineation

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
X	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes:	
X	DATA ARE USABLE
Exceptions: Samples B24A 4-6 ft., B60 2-4 ft. and B61 2-4 ft. were analyzed past the hold time for SPLP pesticides. Leachable pesticides were not detected in the samples. Pesticides persist in the environment for many years without degradation; therefore, the data are usable for its intended purpose.	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered “YES” or “N/A”
X	Case narrative provided for all “NO” answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered “NO”
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24F0157R

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24F0157R

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24F0157R

SITE CONTAMINANTS OF CONCERN - project manager to complete

	Extractable total petroleum hydrocarbons (ETPH), SPLP
	Aromatic volatile organic compounds (AVOCs)
	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	Phthalates
X	SPLP Pesticides
	Herbicides
	Cyanide
	Arsenic, SPLP
	Barium, SPLP
	Cadmium
	Chromium, SPLP
	Copper
	Lead, SPLP
	Mercury
	Nickel, SPLP
	Selenium
	Silver
	Zinc, SPLP
	Ethylene Glycol
	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception:	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site soil conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions: Samples B24A 4-6 ft., B60 2-4 ft. and B61 2-4 ft. were analyzed past the hold time for SPLP pesticides. Leachable pesticides were not detected in the samples. Pesticides persist in the environment for many years without degradation; therefore, the data are usable for its intended purpose.	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24F0157R

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

Poorly Performing Compounds	Common Lab Contaminants
Acetone	Methylene chloride
Benzyl Alcohol	Acetone
Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
1,2-dibromo-3-chloropropane	Freons (chloro fluoro methanes or ethanes)
Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24F0157R

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24F0174
Date Samples Collected: 5/21/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation - Release Delineation

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
X	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes:	
X	DATA ARE USABLE
Exceptions:	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered “YES” or “N/A”
X	Case narrative provided for all “NO” answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered “NO”
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24F0174

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS and LCS Dup are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24F0174

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24F0174

SITE CONTAMINANTS OF CONCERN - project manager to complete

	Extractable total petroleum hydrocarbons (ETPH), SPLP
	Aromatic volatile organic compounds (AVOCs)
	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	Phthalates
	Pesticides, SPLP
	Herbicides
	Cyanide
X	Arsenic
X	Barium
X	Cadmium
X	Chromium
X	Copper
X	Lead
X	Mercury
X	Nickel
X	Selenium
X	Silver
X	Zinc
	Ethylene Glycol
	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception: Requested a subset of the RCP Metals list	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site soil conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24F0174

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

Poorly Performing Compounds	Common Lab Contaminants
Acetone	Methylene chloride
Benzyl Alcohol	Acetone
Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
1,2-dibromo-3-chloropropane	Freons (chloro fluoro methanes or ethanes)
Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24F0174

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24F0290
Date Samples Collected: 5/21/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation - Release Delineation

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
X	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes:	
X	DATA ARE USABLE
Exceptions:	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered “YES” or “N/A”
X	Case narrative provided for all “NO” answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered “NO”
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24F0290

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24F0290

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24F0290

SITE CONTAMINANTS OF CONCERN - project manager to complete

	Extractable total petroleum hydrocarbons (ETPH), SPLP
	Aromatic volatile organic compounds (AVOCs)
	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	Phthalates
	Pesticides, SPLP
	Herbicides
	Cyanide
X	Arsenic
X	Barium
X	Cadmium
X	Chromium
X	Copper
X	Lead, SPLP Lead
X	Mercury
X	Nickel
X	Selenium
X	Silver
X	Zinc
	Ethylene Glycol
	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception: Requested a subset of the RCP Metals list	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site soil conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24F0290

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

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Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
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Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24F0290

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

Appendix E

Groundwater Sample Laboratory Analytical Report

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dan Pinho
Zuvic, Inc.
40 Cold Spring Road
Rocky Hill, CT 06067

Analytical Report

CET# 24E0417

Report Date:May 22, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

SAMPLE SUMMARY

The sample(s) were received at 5.0ºC.
This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
L1985-6MW	24E0417-01	Water	5/13/2024 9:05	05/14/2024
L1985-5MW	24E0417-02	Water	5/13/2024 11:05	05/14/2024
B1/MW1	24E0417-03	Water	5/13/2024 12:20	05/14/2024
B2/MW2	24E0417-04	Water	5/13/2024 9:10	05/14/2024
B3/MW3	24E0417-05	Water	5/13/2024 9:00	05/14/2024
L1985-10MW	24E0417-06	Water	5/13/2024 11:55	05/14/2024
B24/MW6	24E0417-07	Water	5/13/2024 12:00	05/14/2024
B4/MW4	24E0417-08	Water	5/13/2024 14:20	05/14/2024
B5/MW5	24E0417-09	Water	5/13/2024 15:00	05/14/2024
L1985-3MW	24E0417-10	Water	5/13/2024 14:20	05/14/2024
B23/MW7	24E0417-11	Water	5/13/2024 15:50	05/14/2024

Analyte: Mercury [EPA 245.2]

Analyst: GEH

Matrix: Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0417-01	L1985-6MW	ND	0.00020	mg/L	1	BE41705	05/17/2024	05/17/2024 14:49	
24E0417-02	L1985-5MW	ND	0.00020	mg/L	1	BE41706	05/17/2024	05/17/2024 15:05	
24E0417-03	B1/MW1	ND	0.00020	mg/L	1	BE41706	05/17/2024	05/17/2024 15:15	
24E0417-04	B2/MW2	ND	0.00020	mg/L	1	BE41706	05/17/2024	05/17/2024 15:17	
24E0417-05	B3/MW3	ND	0.00020	mg/L	1	BE41706	05/17/2024	05/17/2024 15:19	
24E0417-06	L1985-10MW	ND	0.00020	mg/L	1	BE41706	05/17/2024	05/17/2024 15:22	
24E0417-07	B24/MW6	ND	0.00020	mg/L	1	BE41706	05/17/2024	05/17/2024 15:24	
24E0417-08	B4/MW4	ND	0.00020	mg/L	1	BE41706	05/17/2024	05/17/2024 15:26	
24E0417-09	B5/MW5	ND	0.00020	mg/L	1	BE41706	05/17/2024	05/17/2024 15:34	
24E0417-10	L1985-3MW	ND	0.00020	mg/L	1	BE41706	05/17/2024	05/17/2024 15:36	
24E0417-11	B23/MW7	ND	0.00020	mg/L	1	BE41706	05/17/2024	05/17/2024 15:38	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-6MW

Lab ID: 24E0417-01

Total Metals **Analyst: SS**

Method: EPA 200.7 **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 15:57	
Selenium	ND	0.010	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 15:57	
Cadmium	ND	0.0050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 15:57	
Chromium	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 15:57	
Arsenic	ND	0.0040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 15:57	
Barium	**0.44**	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 15:57	
Silver	ND	0.012	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 15:57	
Copper	ND	0.040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 15:57	
Nickel	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 15:57	
Zinc	ND	0.020	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 15:57	

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	BE41517	05/15/2024	05/16/2024 10:20	
Surrogate: Octacosane	*85.6 %*	*50 - 150*			BE41517	05/15/2024	*05/16/2024 10:20*	

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	*F1
Alpha-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Heptachlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Aldrin	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Beta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Delta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-6MW

Lab ID: 24E0417-01

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Endosulfan I	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
4,4-DDE	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Dieldrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Endrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
4,4-DDD	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Endosulfan II	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
4,4-DDT	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Chlordane	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Toxaphene	ND	0.80	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Alachlor	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 17:51	
Surrogate: TCMX [1C]	*87.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 17:51*	
Surrogate: TCMX [2C]	*87.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 17:51*	
Surrogate: DCB [1C]	*79.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 17:51*	
Surrogate: DCB [2C]	*78.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 17:51*	

Alcohol Analysis by GC **Analyst: JTS**

Method: EPA 8015B **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 11:30	
Isopropanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 11:30	
Ethanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 11:30	
n-Propanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 11:30	
Isobutanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 11:30	
n-Butanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 11:30	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-6MW

Lab ID: 24E0417-01

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	*F1
1,3-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
n-Nitroso-di-n-propylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Pyridine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
n-Nitroso-dimethylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
bis(2-Chloroethyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Aniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	*I
2-Chlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
1,4-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Benzyl Alcohol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
1,2-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
bis(2-Chloroisopropyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Hexachloroethane	ND	3.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
2-Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
3+4 Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
2-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
2,4-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Hexachlorobutadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
4-Chloro-3-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Nitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Isophorone	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
2,4-Dimethylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
bis(2-Chloroethoxy)methane	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Benzoic Acid	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
1,2,4-Trichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
2,6-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
4-Chloroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
1,2,4,5-Tetrachlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Acenaphthylene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Acenaphthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Dibenzofuran	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Fluorene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Hexachlorocyclopentadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	*I
2,4,6-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
2,4,5-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
2,4-Dinitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
4-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
2-Chloronaphthalene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
2-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-6MW

Lab ID: 24E0417-01

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dimethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
2,6-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
4-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
2,4-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
2,3,4,6-Tetrachlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
4-Chlorophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Diethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Phenanthrene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Anthracene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Carbazole	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Fluoranthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Pyrene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
n-Nitrosodiphenylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Pentachlorophenol	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
3-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
4,6-Dinitro-2-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
1,2-Diphenylhydrazine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
4-Bromophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Pentachloronitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Di-n-butylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Chrysene	ND	0.50	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Butylbenzylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
3,3-Dichlorobenzidine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Di-n-octylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:10	
Surrogate: 2-Fluorophenol	*27.2 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 21:10*	
Surrogate: Phenol-d6	*17.8 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 21:10*	
Surrogate: Nitrobenzene-d5	*54.1 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 21:10*	
Surrogate: 2-Fluorobiphenyl	*56.5 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 21:10*	
Surrogate: 2,4,6-Tribromophenol	*77.7 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 21:10*	
Surrogate: Terphenyl-d14	*110 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 21:10*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-6MW

Lab ID: 24E0417-01

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	*F1
Chloromethane	ND	2.7	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Vinyl Chloride	ND	1.6	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Bromomethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Chloroethane	ND	5.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Trichlorofluoromethane	ND	25	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Acetone	ND	50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Acrylonitrile	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	*I
t-Butanol	ND	20	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	*C1
Methylene Chloride	ND	5.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	*F2RP*I
Carbon Disulfide	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	*I
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Di-isopropyl ether	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
t-Butyl ethyl ether	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
2-Butanone (MEK)	ND	25	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	*C1
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Bromochloromethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Chloroform	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
tert-Amyl methyl ether (TAME)	ND	5.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Benzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	*C1
Trichloroethene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Dibromomethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Bromodichloromethane	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Toluene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
2-Hexanone	ND	25	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-6MW

Lab ID: 24E0417-01

Volatile Organics **Analyst: ACS**

Method: EPA 8260D

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Tetrachloroethene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Dibromochloromethane	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Chlorobenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Ethylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
m+p Xylenes	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
o-Xylene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Styrene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Bromoform	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Isopropylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Bromobenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
n-Propylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
n-Butylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Naphthalene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	
Ethyl Ether	ND	25	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:27	*F1
Surrogate: 1,2-Dichloroethane-d4	*106 %*		*70 - 130*		BE41563	05/16/2024	*05/16/2024 06:27*	
Surrogate: Toluene-d8	*98.1 %*		*70 - 130*		BE41563	05/16/2024	*05/16/2024 06:27*	
Surrogate: 4-Bromofluorobenzene	*91.3 %*		*70 - 130*		BE41563	05/16/2024	*05/16/2024 06:27*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-6MW

Lab ID: 24E0417-01

1,4-Dioxane By 8260B/ SIM **Analyst: ACS**

Method: Modified EPA 8260B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,4-Dioxane	ND	2.5	1	EPA 5030C	BE41565	05/16/2024	05/16/2024 06:27	
Surrogate: 1,4-Dioxane-d8	*104 %*	*70 - 130*			BE41565	05/16/2024	*05/16/2024 06:27*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-5MW

Lab ID: 24E0417-02

Total Metals **Analyst: SS**

Method: EPA 200.7 **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:02	
Selenium	ND	0.010	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:02	
Cadmium	ND	0.0050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:02	
Chromium	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:02	
Arsenic	ND	0.0040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:02	
Barium	**0.18**	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:02	
Silver	ND	0.012	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:02	
Copper	ND	0.040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:02	
Nickel	**0.068**	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:02	
Zinc	ND	0.020	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:02	

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	BE41517	05/15/2024	05/16/2024 10:41	
Surrogate: Octacosane	*79.8 %*	*50 - 150*			BE41517	05/15/2024	*05/16/2024 10:41*	

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	*F1
Alpha-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Heptachlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Aldrin	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Beta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Delta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-5MW

Lab ID: 24E0417-02

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Endosulfan I	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
4,4-DDE	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Dieldrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Endrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
4,4-DDD	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Endosulfan II	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
4,4-DDT	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Chlordane	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Toxaphene	ND	0.80	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Alachlor	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:03	
Surrogate: TCMX [1C]	*85.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:03*	
Surrogate: TCMX [2C]	*85.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:03*	
Surrogate: DCB [1C]	*66.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:03*	
Surrogate: DCB [2C]	*70.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:03*	

Semivolatile Organics By SIM **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Naphthalene	ND	1.0	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	RP
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Acenaphthylene	ND	0.30	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Acenaphthene	ND	1.0	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Fluorene	ND	1.0	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Phenanthrene	ND	0.077	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Anthracene	ND	1.0	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Fluoranthene	ND	1.0	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Pyrene	ND	1.0	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Chrysene	ND	0.50	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-5MW

Lab ID: 24E0417-02

Semivolatile Organics By SIM **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	BE41612	05/16/2024	05/17/2024 13:52	
Surrogate: Nitrobenzene-d5	*37.0 %*		*30 - 130*		BE41612	05/16/2024	*05/17/2024 13:52*	
Surrogate: 2-Fluorobiphenyl	*42.2 %*		*30 - 130*		BE41612	05/16/2024	*05/17/2024 13:52*	
Surrogate: Terphenyl-d14	*96.4 %*		*30 - 130*		BE41612	05/16/2024	*05/17/2024 13:52*	

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	*F1
Chloromethane	ND	2.7	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Vinyl Chloride	ND	1.6	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Bromomethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Chloroethane	ND	5.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Trichlorofluoromethane	ND	25	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Acetone	ND	50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Acrylonitrile	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	*I
t-Butanol	ND	20	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	*C1
Methylene Chloride	ND	5.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	*F2RP*I
Carbon Disulfide	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	*I
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Di-isopropyl ether	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
t-Butyl ethyl ether	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
2-Butanone (MEK)	ND	25	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	*C1
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Bromochloromethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Chloroform	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-5MW

Lab ID: 24E0417-02

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
tert-Amyl methyl ether (TAME)	ND	5.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Benzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	*C1
Trichloroethene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Dibromomethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Bromodichloromethane	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Toluene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
2-Hexanone	ND	25	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Tetrachloroethene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Dibromochloromethane	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Chlorobenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Ethylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
m+p Xylenes	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
o-Xylene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Styrene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Bromoform	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Isopropylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Bromobenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
n-Propylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-5MW

Lab ID: 24E0417-02

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
n-Butylbenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Naphthalene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	
Ethyl Ether	ND	25	1	EPA 5030C	BE41563	05/16/2024	05/16/2024 06:53	*F1
Surrogate: 1,2-Dichloroethane-d4	*107 %*		*70 - 130*		BE41563	05/16/2024	*05/16/2024 06:53*	
Surrogate: Toluene-d8	*98.3 %*		*70 - 130*		BE41563	05/16/2024	*05/16/2024 06:53*	
Surrogate: 4-Bromofluorobenzene	*90.2 %*		*70 - 130*		BE41563	05/16/2024	*05/16/2024 06:53*	

1,4-Dioxane By 8260B/ SIM **Analyst: ACS**

Method: Modified EPA 8260B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,4-Dioxane	ND	2.5	1	EPA 5030C	BE41565	05/16/2024	05/16/2024 06:53	
Surrogate: 1,4-Dioxane-d8	*96.3 %*		*70 - 130*		BE41565	05/16/2024	*05/16/2024 06:53*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B1/MW1

Lab ID: 24E0417-03

Total Metals **Analyst: SS**

Method: EPA 200.7 **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:06	
Selenium	ND	0.010	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:06	
Cadmium	ND	0.0050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:06	
Chromium	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:06	
Arsenic	ND	0.0040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:06	
Barium	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:06	
Silver	ND	0.012	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:06	
Copper	ND	0.040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:06	
Nickel	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:06	
Zinc	ND	0.020	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:06	

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	BE41517	05/15/2024	05/16/2024 11:02	
Surrogate: Octacosane	*87.4 %*	*50 - 150*			BE41517	05/15/2024	*05/16/2024 11:02*	

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	*F1
Alpha-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Heptachlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Aldrin	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Beta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Delta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B1/MW1

Lab ID: 24E0417-03

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Endosulfan I	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
4,4-DDE	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Dieldrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Endrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
4,4-DDD	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Endosulfan II	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
4,4-DDT	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Chlordane	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Toxaphene	ND	0.80	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Alachlor	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:14	
Surrogate: TCMX [1C]	*113 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:14*	
Surrogate: TCMX [2C]	*117 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:14*	
Surrogate: DCB [1C]	*93.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:14*	
Surrogate: DCB [2C]	*99.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:14*	

Alcohol Analysis by GC **Analyst: JTS**

Method: EPA 8015B **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 11:56	
Isopropanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 11:56	
Ethanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 11:56	
n-Propanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 11:56	
Isobutanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 11:56	
n-Butanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 11:56	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B1/MW1

Lab ID: 24E0417-03

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	*F1
1,3-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
n-Nitroso-di-n-propylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Pyridine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
n-Nitroso-dimethylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
bis(2-Chloroethyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Aniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	*I
2-Chlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
1,4-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Benzyl Alcohol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
1,2-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
bis(2-Chloroisopropyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Hexachloroethane	ND	3.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
2-Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
3+4 Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
2-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
2,4-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Hexachlorobutadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
4-Chloro-3-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Nitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Isophorone	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
2,4-Dimethylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
bis(2-Chloroethoxy)methane	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Benzoic Acid	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
1,2,4-Trichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
2,6-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
4-Chloroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
1,2,4,5-Tetrachlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Acenaphthylene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Acenaphthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Dibenzofuran	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Fluorene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Hexachlorocyclopentadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	*I
2,4,6-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
2,4,5-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
2,4-Dinitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
4-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
2-Chloronaphthalene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
2-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B1/MW1

Lab ID: 24E0417-03

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dimethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
2,6-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
4-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
2,4-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
2,3,4,6-Tetrachlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
4-Chlorophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Diethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Phenanthrene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Anthracene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Carbazole	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Fluoranthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Pyrene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
n-Nitrosodiphenylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Pentachlorophenol	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
3-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
4,6-Dinitro-2-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
1,2-Diphenylhydrazine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
4-Bromophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Pentachloronitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Di-n-butylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Chrysene	ND	0.50	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Butylbenzylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
3,3-Dichlorobenzidine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Di-n-octylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 21:35	
Surrogate: 2-Fluorophenol	*33.5 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 21:35*	
Surrogate: Phenol-d6	*22.0 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 21:35*	
Surrogate: Nitrobenzene-d5	*59.8 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 21:35*	
Surrogate: 2-Fluorobiphenyl	*64.8 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 21:35*	
Surrogate: 2,4,6-Tribromophenol	*88.4 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 21:35*	
Surrogate: Terphenyl-d14	*123 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 21:35*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B1/MW1

Lab ID: 24E0417-03

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	*C1*I
Chloromethane	ND	2.7	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Vinyl Chloride	ND	1.6	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Bromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Chloroethane	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Trichlorofluoromethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Acetone	ND	50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Acrylonitrile	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
t-Butanol	ND	20	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	*F1*C1*I
Methylene Chloride	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Carbon Disulfide	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Di-isopropyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
t-Butyl ethyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
2-Butanone (MEK)	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Bromochloromethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Chloroform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
tert-Amyl methyl ether (TAME)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Benzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Trichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Dibromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Bromodichloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Toluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
2-Hexanone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B1/MW1

Lab ID: 24E0417-03

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Tetrachloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Dibromochloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Chlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Ethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
m+p Xylenes	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
o-Xylene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Styrene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Bromoform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Isopropylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Bromobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
n-Propylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
n-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Naphthalene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	
Ethyl Ether	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:01	*F1
Surrogate: 1,2-Dichloroethane-d4	*111 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 10:01*	
Surrogate: Toluene-d8	*99.9 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 10:01*	
Surrogate: 4-Bromofluorobenzene	*89.6 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 10:01*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B1/MW1

Lab ID: 24E0417-03

1,4-Dioxane By 8260B/ SIM **Analyst: ACS**

Method: Modified EPA 8260B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,4-Dioxane	ND	2.5	1	EPA 5030C	BE41713	05/17/2024	05/17/2024 10:01	
Surrogate: 1,4-Dioxane-d8	*89.9 %*	*70 - 130*			BE41713	05/17/2024	*05/17/2024 10:01*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B2/MW2

Lab ID: 24E0417-04

Total Metals **Analyst: SS**

Method: EPA 200.7 **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:10	
Selenium	ND	0.010	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:10	
Cadmium	ND	0.0050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:10	
Chromium	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:10	
Arsenic	ND	0.0040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:10	
Barium	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:10	
Silver	ND	0.012	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:10	
Copper	ND	0.040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:10	
Nickel	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:10	
Zinc	ND	0.020	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:10	

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	BE41615	05/16/2024	05/17/2024 04:30	
Surrogate: Octacosane	*73.2 %*	*50 - 150*			BE41615	05/16/2024	*05/17/2024 04:30*	

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	*F1
Alpha-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Heptachlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Aldrin	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Beta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Delta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B2/MW2

Lab ID: 24E0417-04

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Endosulfan I	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
4,4-DDE	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Dieldrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Endrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
4,4-DDD	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Endosulfan II	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
4,4-DDT	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Chlordane	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Toxaphene	ND	0.80	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Alachlor	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:26	
Surrogate: TCMX [1C]	*114 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:26*	
Surrogate: TCMX [2C]	*119 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:26*	
Surrogate: DCB [1C]	*77.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:26*	
Surrogate: DCB [2C]	*82.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:26*	

Alcohol Analysis by GC **Analyst: JTS**

Method: EPA 8015B **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 12:22	
Isopropanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 12:22	
Ethanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 12:22	
n-Propanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 12:22	
Isobutanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 12:22	
n-Butanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 12:22	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B2/MW2

Lab ID: 24E0417-04

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	*F1
1,3-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
n-Nitroso-di-n-propylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Pyridine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
n-Nitroso-dimethylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
bis(2-Chloroethyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Aniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	*I
2-Chlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
1,4-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Benzyl Alcohol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
1,2-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
bis(2-Chloroisopropyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Hexachloroethane	ND	3.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
2-Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
3+4 Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
2-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
2,4-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Hexachlorobutadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
4-Chloro-3-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Nitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Isophorone	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
2,4-Dimethylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
bis(2-Chloroethoxy)methane	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Benzoic Acid	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
1,2,4-Trichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
2,6-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
4-Chloroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
1,2,4,5-Tetrachlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Acenaphthylene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Acenaphthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Dibenzofuran	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Fluorene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Hexachlorocyclopentadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	*I
2,4,6-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
2,4,5-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
2,4-Dinitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
4-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
2-Chloronaphthalene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
2-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B2/MW2

Lab ID: 24E0417-04

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dimethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
2,6-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
4-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
2,4-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
2,3,4,6-Tetrachlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
4-Chlorophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Diethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Phenanthrene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Anthracene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Carbazole	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Fluoranthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Pyrene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
n-Nitrosodiphenylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Pentachlorophenol	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
3-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
4,6-Dinitro-2-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
1,2-Diphenylhydrazine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
4-Bromophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Pentachloronitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Di-n-butylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Chrysene	ND	0.50	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Butylbenzylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
3,3-Dichlorobenzidine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Di-n-octylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:00	
Surrogate: 2-Fluorophenol	*39.0 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 22:00*	
Surrogate: Phenol-d6	*23.8 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 22:00*	
Surrogate: Nitrobenzene-d5	*67.0 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 22:00*	
Surrogate: 2-Fluorobiphenyl	*71.9 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 22:00*	
Surrogate: 2,4,6-Tribromophenol	*89.5 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 22:00*	
Surrogate: Terphenyl-d14	*122 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 22:00*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B2/MW2

Lab ID: 24E0417-04

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	*C1*I
Chloromethane	ND	2.7	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Vinyl Chloride	ND	1.6	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Bromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Chloroethane	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Trichlorofluoromethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Acetone	ND	50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Acrylonitrile	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
t-Butanol	ND	20	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	*F1*C1*I
Methylene Chloride	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Carbon Disulfide	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Di-isopropyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
t-Butyl ethyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
2-Butanone (MEK)	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Bromochloromethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Chloroform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
tert-Amyl methyl ether (TAME)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Benzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Trichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Dibromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Bromodichloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Toluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
2-Hexanone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B2/MW2

Lab ID: 24E0417-04

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Tetrachloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Dibromochloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Chlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Ethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
m+p Xylenes	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
o-Xylene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Styrene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Bromoform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Isopropylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Bromobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
n-Propylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
n-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Naphthalene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	
Ethyl Ether	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:26	*F1
Surrogate: 1,2-Dichloroethane-d4	*111 %*	*70 - 130*			BE41714	05/17/2024	*05/17/2024 10:26*	
Surrogate: Toluene-d8	*103 %*	*70 - 130*			BE41714	05/17/2024	*05/17/2024 10:26*	
Surrogate: 4-Bromofluorobenzene	*89.4 %*	*70 - 130*			BE41714	05/17/2024	*05/17/2024 10:26*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B2/MW2

Lab ID: 24E0417-04

1,4-Dioxane By 8260B/ SIM **Analyst: ACS**

Method: Modified EPA 8260B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,4-Dioxane	ND	2.5	1	EPA 5030C	BE41713	05/17/2024	05/17/2024 10:26	
Surrogate: 1,4-Dioxane-d8	*95.3 %*	*70 - 130*			BE41713	05/17/2024	*05/17/2024 10:26*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B3/MW3

Lab ID: 24E0417-05

Total Metals **Analyst: SS**

Method: EPA 200.7 **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:19	
Selenium	ND	0.010	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:19	
Cadmium	ND	0.0050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:19	
Chromium	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:19	
Arsenic	ND	0.0040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:19	
Barium	**0.18**	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:19	
Silver	ND	0.012	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:19	
Copper	ND	0.040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:19	
Nickel	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:19	
Zinc	ND	0.020	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:19	

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	BE41615	05/16/2024	05/17/2024 04:51	
Surrogate: Octacosane	*94.3 %*	*50 - 150*			BE41615	05/16/2024	*05/17/2024 04:51*	

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	*F1
Alpha-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Heptachlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Aldrin	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Beta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Delta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B3/MW3

Lab ID: 24E0417-05

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Endosulfan I	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
4,4-DDE	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Dieldrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Endrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
4,4-DDD	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Endosulfan II	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
4,4-DDT	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Chlordane	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Toxaphene	ND	0.80	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Alachlor	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:37	
Surrogate: TCMX [1C]	*82.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:37*	
Surrogate: TCMX [2C]	*85.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:37*	
Surrogate: DCB [1C]	*73.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:37*	
Surrogate: DCB [2C]	*74.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:37*	

Glycol Analysis **Analyst: JTS**

Method: EPA 8015B **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Propylene Glycol	ND	5.0	1	GC/FID 8015	BE42143	05/21/2024	05/21/2024 20:02	
Ethylene Glycol	ND	5.0	1	GC/FID 8015	BE42143	05/21/2024	05/21/2024 20:02	

Alcohol Analysis by GC **Analyst: JTS**

Method: EPA 8015B **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 16:17	
Isopropanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 16:17	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B3/MW3

Lab ID: 24E0417-05

Alcohol Analysis by GC **Analyst: JTS**

Method: EPA 8015B **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Ethanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 16:17	
n-Propanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 16:17	
Isobutanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 16:17	
n-Butanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 16:17	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	*F1
1,3-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
n-Nitroso-di-n-propylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Pyridine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
n-Nitroso-dimethylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
bis(2-Chloroethyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Aniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	*I
2-Chlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
1,4-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Benzyl Alcohol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
1,2-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
bis(2-Chloroisopropyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Hexachloroethane	ND	3.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
2-Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
3+4 Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
2-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
2,4-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Hexachlorobutadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
4-Chloro-3-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Nitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Isophorone	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
2,4-Dimethylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
bis(2-Chloroethoxy)methane	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Benzoic Acid	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
1,2,4-Trichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
2,6-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
4-Chloroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B3/MW3

Lab ID: 24E0417-05

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4,5-Tetrachlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Acenaphthylene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Acenaphthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Dibenzofuran	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Fluorene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Hexachlorocyclopentadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	*I
2,4,6-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
2,4,5-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
2,4-Dinitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
4-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
2-Chloronaphthalene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
2-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Dimethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
2,6-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
4-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
2,4-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
2,3,4,6-Tetrachlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
4-Chlorophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Diethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Phenanthrene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Anthracene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Carbazole	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Fluoranthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Pyrene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
n-Nitrosodiphenylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Pentachlorophenol	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
3-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
4,6-Dinitro-2-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
1,2-Diphenylhydrazine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
4-Bromophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Pentachloronitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Di-n-butylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Chrysene	ND	0.50	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Butylbenzylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
3,3-Dichlorobenzidine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Di-n-octylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B3/MW3

Lab ID: 24E0417-05

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:25	
Surrogate: 2-Fluorophenol	*36.8 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 22:25*	
Surrogate: Phenol-d6	*22.8 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 22:25*	
Surrogate: Nitrobenzene-d5	*64.2 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 22:25*	
Surrogate: 2-Fluorobiphenyl	*66.8 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 22:25*	
Surrogate: 2,4,6-Tribromophenol	*88.9 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 22:25*	
Surrogate: Terphenyl-d14	*120 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 22:25*	

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	*C1*I
Chloromethane	ND	2.7	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Vinyl Chloride	ND	1.6	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Bromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Chloroethane	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Trichlorofluoromethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Acetone	ND	50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Acrylonitrile	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
t-Butanol	ND	20	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	*F1*C1*I
Methylene Chloride	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Carbon Disulfide	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Di-isopropyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
t-Butyl ethyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
2-Butanone (MEK)	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B3/MW3

Lab ID: 24E0417-05

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Bromochloromethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Chloroform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
tert-Amyl methyl ether (TAME)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Benzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Trichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Dibromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Bromodichloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Toluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
2-Hexanone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Tetrachloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Dibromochloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Chlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Ethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
m+p Xylenes	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
o-Xylene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Styrene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Bromoform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Isopropylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Bromobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
n-Propylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B3/MW3

Lab ID: 24E0417-05

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
n-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Naphthalene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	
Ethyl Ether	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 10:52	*F1
Surrogate: 1,2-Dichloroethane-d4	*112 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 10:52*	
Surrogate: Toluene-d8	*103 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 10:52*	
Surrogate: 4-Bromofluorobenzene	*89.6 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 10:52*	

1,4-Dioxane By 8260B/ SIM **Analyst: ACS**

Method: Modified EPA 8260B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,4-Dioxane	ND	2.5	1	EPA 5030C	BE41713	05/17/2024	05/17/2024 10:52	
Surrogate: 1,4-Dioxane-d8	*96.2 %*		*70 - 130*		BE41713	05/17/2024	*05/17/2024 10:52*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
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Client Sample ID L1985-10MW

Lab ID: 24E0417-06

Total Metals **Analyst: SS**

Method: EPA 200.7 **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:23	
Selenium	ND	0.010	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:23	
Cadmium	ND	0.0050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:23	
Chromium	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:23	
Arsenic	ND	0.0040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:23	
Barium	**0.053**	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:23	
Silver	ND	0.012	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:23	
Copper	ND	0.040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:23	
Nickel	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:23	
Zinc	ND	0.020	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:23	

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	BE41615	05/16/2024	05/17/2024 05:11	
Surrogate: Octacosane	*95.8 %*	*50 - 150*			BE41615	05/16/2024	*05/17/2024 05:11*	

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	*F1
Alpha-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Heptachlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Aldrin	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Beta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Delta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-10MW

Lab ID: 24E0417-06

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Endosulfan I	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
4,4-DDE	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Dieldrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Endrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
4,4-DDD	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Endosulfan II	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
4,4-DDT	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Chlordane	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Toxaphene	ND	0.80	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Alachlor	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 18:48	
Surrogate: TCMX [1C]	*73.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:48*	
Surrogate: TCMX [2C]	*74.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:48*	
Surrogate: DCB [1C]	*88.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:48*	
Surrogate: DCB [2C]	*88.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 18:48*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	*F1
1,3-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
n-Nitroso-di-n-propylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Pyridine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
n-Nitroso-dimethylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
bis(2-Chloroethyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Aniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	*I
2-Chlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
1,4-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Benzyl Alcohol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
1,2-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
bis(2-Chloroisopropyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Hexachloroethane	ND	3.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-10MW

Lab ID: 24E0417-06

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2-Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
3+4 Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
2-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
2,4-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Hexachlorobutadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
4-Chloro-3-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Nitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Isophorone	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
2,4-Dimethylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
bis(2-Chloroethoxy)methane	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Benzoic Acid	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
1,2,4-Trichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
2,6-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
4-Chloroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
1,2,4,5-Tetrachlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Acenaphthylene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Acenaphthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Dibenzofuran	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Fluorene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Hexachlorocyclopentadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	*I
2,4,6-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
2,4,5-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
2,4-Dinitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
4-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
2-Chloronaphthalene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
2-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Dimethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
2,6-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
4-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
2,4-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
2,3,4,6-Tetrachlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
4-Chlorophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Diethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Phenanthrene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Anthracene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Carbazole	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Fluoranthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Pyrene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
n-Nitrosodiphenylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-10MW

Lab ID: 24E0417-06

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Pentachlorophenol	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
3-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
4,6-Dinitro-2-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
1,2-Diphenylhydrazine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
4-Bromophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Pentachloronitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Di-n-butylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Chrysene	ND	0.50	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Butylbenzylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
3,3-Dichlorobenzidine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Di-n-octylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 22:51	
Surrogate: 2-Fluorophenol	*37.2 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 22:51*	
Surrogate: Phenol-d6	*23.4 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 22:51*	
Surrogate: Nitrobenzene-d5	*63.0 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 22:51*	
Surrogate: 2-Fluorobiphenyl	*67.5 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 22:51*	
Surrogate: 2,4,6-Tribromophenol	*83.8 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 22:51*	
Surrogate: Terphenyl-d14	*104 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 22:51*	

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	*C1*I
Chloromethane	ND	2.7	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Vinyl Chloride	ND	1.6	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Bromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Chloroethane	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-10MW

Lab ID: 24E0417-06

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichlorofluoromethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Acetone	ND	50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Acrylonitrile	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
t-Butanol	ND	20	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	*F1*C1*I
Methylene Chloride	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Carbon Disulfide	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Di-isopropyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
t-Butyl ethyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
2-Butanone (MEK)	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Bromochloromethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Chloroform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
tert-Amyl methyl ether (TAME)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Benzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Trichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Dibromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Bromodichloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Toluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
2-Hexanone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Tetrachloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Dibromochloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Chlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-10MW

Lab ID: 24E0417-06

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Ethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
m+p Xylenes	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
o-Xylene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Styrene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Bromoform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Isopropylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Bromobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
n-Propylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
n-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Naphthalene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	
Ethyl Ether	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:18	*F1
Surrogate: 1,2-Dichloroethane-d4	*110 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 11:18*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 11:18*	
Surrogate: 4-Bromofluorobenzene	*89.2 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 11:18*	

1,4-Dioxane By 8260B/ SIM **Analyst: ACS**

Method: Modified EPA 8260B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-10MW

Lab ID: 24E0417-06

1,4-Dioxane By 8260B/ SIM **Analyst: ACS**

Method: Modified EPA 8260B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,4-Dioxane	ND	2.5	1	EPA 5030C	BE41713	05/17/2024	05/17/2024 11:18	
Surrogate: 1,4-Dioxane-d8	*102 %*	*70 - 130*			BE41713	05/17/2024	*05/17/2024 11:18*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B24/MW6

Lab ID: 24E0417-07

Total Metals **Analyst: SS**

Method: EPA 200.7 **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:36	
Selenium	ND	0.010	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:36	
Cadmium	ND	0.0050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:36	
Chromium	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:36	
Arsenic	ND	0.0040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:36	
Barium	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:36	
Silver	ND	0.012	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:36	
Copper	ND	0.040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:36	
Nickel	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:36	
Zinc	ND	0.020	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:36	

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	BE41615	05/16/2024	05/17/2024 05:32	
Surrogate: Octacosane	*97.9 %*	*50 - 150*			BE41615	05/16/2024	*05/17/2024 05:32*	

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	*F1
Alpha-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Heptachlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Aldrin	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Beta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Delta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B24/MW6

Lab ID: 24E0417-07

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Endosulfan I	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
4,4-DDE	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Dieldrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Endrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
4,4-DDD	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Endosulfan II	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
4,4-DDT	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Chlordane	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Toxaphene	ND	0.80	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Alachlor	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:00	
Surrogate: TCMX [1C]	*98.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:00*	
Surrogate: TCMX [2C]	*102 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:00*	
Surrogate: DCB [1C]	*109 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:00*	
Surrogate: DCB [2C]	*112 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:00*	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	*F1
1,3-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
n-Nitroso-di-n-propylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Pyridine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
n-Nitroso-dimethylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
bis(2-Chloroethyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Aniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	*I
2-Chlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
1,4-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Benzyl Alcohol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
1,2-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
bis(2-Chloroisopropyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Hexachloroethane	ND	3.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B24/MW6

Lab ID: 24E0417-07

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2-Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
3+4 Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
2-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
2,4-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Hexachlorobutadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
4-Chloro-3-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Nitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Isophorone	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
2,4-Dimethylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
bis(2-Chloroethoxy)methane	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Benzoic Acid	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
1,2,4-Trichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
2,6-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
4-Chloroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
1,2,4,5-Tetrachlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Acenaphthylene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Acenaphthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Dibenzofuran	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Fluorene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Hexachlorocyclopentadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	*I
2,4,6-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
2,4,5-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
2,4-Dinitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
4-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
2-Chloronaphthalene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
2-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Dimethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
2,6-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
4-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
2,4-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
2,3,4,6-Tetrachlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
4-Chlorophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Diethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Phenanthrene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Anthracene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Carbazole	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Fluoranthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Pyrene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
n-Nitrosodiphenylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B24/MW6

Lab ID: 24E0417-07

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Pentachlorophenol	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
3-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
4,6-Dinitro-2-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
1,2-Diphenylhydrazine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
4-Bromophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Pentachloronitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Di-n-butylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Chrysene	ND	0.50	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Butylbenzylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
3,3-Dichlorobenzidine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Di-n-octylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:16	
Surrogate: 2-Fluorophenol	*31.5 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 23:16*	
Surrogate: Phenol-d6	*19.7 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 23:16*	
Surrogate: Nitrobenzene-d5	*56.9 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 23:16*	
Surrogate: 2-Fluorobiphenyl	*58.8 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 23:16*	
Surrogate: 2,4,6-Tribromophenol	*81.9 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 23:16*	
Surrogate: Terphenyl-d14	*105 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 23:16*	

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	*C1*I
Chloromethane	ND	2.7	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Vinyl Chloride	ND	1.6	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Bromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Chloroethane	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B24/MW6

Lab ID: 24E0417-07

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichlorofluoromethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Acetone	ND	50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Acrylonitrile	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
t-Butanol	ND	20	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	*F1*C1*I
Methylene Chloride	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Carbon Disulfide	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Di-isopropyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
t-Butyl ethyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
2-Butanone (MEK)	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Bromochloromethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Chloroform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
tert-Amyl methyl ether (TAME)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Benzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Trichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Dibromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Bromodichloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Toluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
2-Hexanone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Tetrachloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Dibromochloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Chlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B24/MW6

Lab ID: 24E0417-07

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Ethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
m+p Xylenes	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
o-Xylene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Styrene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Bromoform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Isopropylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Bromobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
n-Propylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
n-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Naphthalene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	
Ethyl Ether	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 11:45	*F1
Surrogate: 1,2-Dichloroethane-d4	*111 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 11:45*	
Surrogate: Toluene-d8	*100 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 11:45*	
Surrogate: 4-Bromofluorobenzene	*88.8 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 11:45*	

1,4-Dioxane By 8260B/ SIM **Analyst: ACS**

Method: Modified EPA 8260B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B24/MW6

Lab ID: 24E0417-07

1,4-Dioxane By 8260B/ SIM **Analyst: ACS**

Method: Modified EPA 8260B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,4-Dioxane	ND	2.5	1	EPA 5030C	BE41713	05/17/2024	05/17/2024 11:45	
Surrogate: 1,4-Dioxane-d8	*114 %*	*70 - 130*			BE41713	05/17/2024	*05/17/2024 11:45*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B4/MW4

Lab ID: 24E0417-08

Total Metals **Analyst: SS**

Method: EPA 200.7 **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:40	
Selenium	ND	0.010	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:40	
Cadmium	ND	0.0050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:40	
Chromium	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:40	
Arsenic	ND	0.0040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:40	
Barium	**0.13**	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:40	
Silver	ND	0.012	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:40	
Copper	ND	0.040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:40	
Nickel	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:40	
Zinc	ND	0.020	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:40	

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	BE41615	05/16/2024	05/17/2024 05:53	
Surrogate: Octacosane	*69.3 %*	*50 - 150*			BE41615	05/16/2024	*05/17/2024 05:53*	

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	*F1
Alpha-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Heptachlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Aldrin	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Beta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Delta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B4/MW4

Lab ID: 24E0417-08

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Endosulfan I	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
4,4-DDE	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Dieldrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Endrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
4,4-DDD	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Endosulfan II	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
4,4-DDT	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Chlordane	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Toxaphene	ND	0.80	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Alachlor	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:11	
Surrogate: TCMX [1C]	*77.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:11*	
Surrogate: TCMX [2C]	*78.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:11*	
Surrogate: DCB [1C]	*58.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:11*	
Surrogate: DCB [2C]	*59.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:11*	

Alcohol Analysis by GC **Analyst: JTS**

Method: EPA 8015B **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 16:43	
Isopropanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 16:43	
Ethanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 16:43	
n-Propanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 16:43	
Isobutanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 16:43	
n-Butanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 16:43	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B4/MW4

Lab ID: 24E0417-08

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	*F1
1,3-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
n-Nitroso-di-n-propylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Pyridine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
n-Nitroso-dimethylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
bis(2-Chloroethyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Aniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	*I
2-Chlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
1,4-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Benzyl Alcohol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
1,2-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
bis(2-Chloroisopropyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Hexachloroethane	ND	3.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
2-Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
3+4 Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
2-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
2,4-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Hexachlorobutadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
4-Chloro-3-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Nitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Isophorone	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
2,4-Dimethylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
bis(2-Chloroethoxy)methane	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Benzoic Acid	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
1,2,4-Trichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
2,6-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
4-Chloroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
1,2,4,5-Tetrachlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Acenaphthylene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Acenaphthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Dibenzofuran	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Fluorene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Hexachlorocyclopentadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	*I
2,4,6-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
2,4,5-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
2,4-Dinitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
4-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
2-Chloronaphthalene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
2-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B4/MW4

Lab ID: 24E0417-08

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dimethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
2,6-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
4-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
2,4-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
2,3,4,6-Tetrachlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
4-Chlorophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Diethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Phenanthrene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Anthracene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Carbazole	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Fluoranthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Pyrene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
n-Nitrosodiphenylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Pentachlorophenol	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
3-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
4,6-Dinitro-2-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
1,2-Diphenylhydrazine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
4-Bromophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Pentachloronitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Di-n-butylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Chrysene	ND	0.50	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Butylbenzylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
3,3-Dichlorobenzidine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Di-n-octylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	BE41502	05/15/2024	05/15/2024 23:41	
Surrogate: 2-Fluorophenol	*33.2 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 23:41*	
Surrogate: Phenol-d6	*21.0 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 23:41*	
Surrogate: Nitrobenzene-d5	*61.7 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 23:41*	
Surrogate: 2-Fluorobiphenyl	*65.9 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 23:41*	
Surrogate: 2,4,6-Tribromophenol	*89.7 %*		*15 - 110*		BE41502	05/15/2024	*05/15/2024 23:41*	
Surrogate: Terphenyl-d14	*120 %*		*30 - 130*		BE41502	05/15/2024	*05/15/2024 23:41*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B4/MW4

Lab ID: 24E0417-08

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	*C1*I
Chloromethane	ND	2.7	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Vinyl Chloride	ND	1.6	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Bromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Chloroethane	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Trichlorofluoromethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Acetone	ND	50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Acrylonitrile	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
t-Butanol	ND	20	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	*F1*C1*I
Methylene Chloride	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Carbon Disulfide	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Di-isopropyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
t-Butyl ethyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
2-Butanone (MEK)	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Bromochloromethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Chloroform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
tert-Amyl methyl ether (TAME)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Benzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Trichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Dibromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Bromodichloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Toluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
2-Hexanone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B4/MW4

Lab ID: 24E0417-08

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Tetrachloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Dibromochloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Chlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Ethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
m+p Xylenes	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
o-Xylene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Styrene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Bromoform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Isopropylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Bromobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
n-Propylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
n-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Naphthalene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	
Ethyl Ether	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:11	*F1
Surrogate: 1,2-Dichloroethane-d4	*109 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 12:11*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 12:11*	
Surrogate: 4-Bromofluorobenzene	*89.8 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 12:11*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B4/MW4

Lab ID: 24E0417-08

1,4-Dioxane By 8260B/ SIM **Analyst: ACS**

Method: Modified EPA 8260B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,4-Dioxane	ND	2.5	1	EPA 5030C	BE41713	05/17/2024	05/17/2024 12:11	
Surrogate: 1,4-Dioxane-d8	*104 %*	*70 - 130*			BE41713	05/17/2024	*05/17/2024 12:11*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B5/MW5

Lab ID: 24E0417-09

Total Metals **Analyst: SS**

Method: EPA 200.7 **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:45	
Selenium	ND	0.010	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:45	
Cadmium	ND	0.0050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:45	
Chromium	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:45	
Arsenic	ND	0.0040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:45	
Barium	**0.085**	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:45	
Silver	ND	0.012	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:45	
Copper	ND	0.040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:45	
Nickel	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:45	
Zinc	ND	0.020	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:45	

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	BE41615	05/16/2024	05/17/2024 06:14	
Surrogate: Octacosane	*107 %*	*50 - 150*			BE41615	05/16/2024	*05/17/2024 06:14*	

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	*F1
Alpha-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Heptachlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Aldrin	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Beta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Delta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B5/MW5

Lab ID: 24E0417-09

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Endosulfan I	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
4,4-DDE	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Dieldrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Endrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
4,4-DDD	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Endosulfan II	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
4,4-DDT	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Chlordane	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Toxaphene	ND	0.80	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Alachlor	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:23	
Surrogate: TCMX [1C]	*99.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:23*	
Surrogate: TCMX [2C]	*102 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:23*	
Surrogate: DCB [1C]	*78.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:23*	
Surrogate: DCB [2C]	*80.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:23*	

Alcohol Analysis by GC **Analyst: JTS**

Method: EPA 8015B **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 17:09	
Isopropanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 17:09	
Ethanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 17:09	
n-Propanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 17:09	
Isobutanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 17:09	
n-Butanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 17:09	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B5/MW5

Lab ID: 24E0417-09

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	*F1
1,3-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
n-Nitroso-di-n-propylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Pyridine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
n-Nitroso-dimethylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
bis(2-Chloroethyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Aniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	*I
2-Chlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
1,4-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Benzyl Alcohol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
1,2-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
bis(2-Chloroisopropyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Hexachloroethane	ND	3.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
2-Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
3+4 Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
2-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
2,4-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Hexachlorobutadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
4-Chloro-3-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Nitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Isophorone	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
2,4-Dimethylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
bis(2-Chloroethoxy)methane	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Benzoic Acid	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
1,2,4-Trichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
2,6-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
4-Chloroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
1,2,4,5-Tetrachlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Acenaphthylene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Acenaphthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Dibenzofuran	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Fluorene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Hexachlorocyclopentadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	*I
2,4,6-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
2,4,5-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
2,4-Dinitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
4-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
2-Chloronaphthalene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
2-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B5/MW5

Lab ID: 24E0417-09

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dimethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
2,6-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
4-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
2,4-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
2,3,4,6-Tetrachlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
4-Chlorophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Diethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Phenanthrene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Anthracene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Carbazole	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Fluoranthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Pyrene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
n-Nitrosodiphenylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Pentachlorophenol	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
3-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
4,6-Dinitro-2-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
1,2-Diphenylhydrazine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
4-Bromophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Pentachloronitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Di-n-butylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Chrysene	ND	0.50	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Butylbenzylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
3,3-Dichlorobenzidine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Di-n-octylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:06	
Surrogate: 2-Fluorophenol	*35.9 %*		*15 - 110*		BE41502	05/15/2024	*05/16/2024 00:06*	
Surrogate: Phenol-d6	*22.2 %*		*15 - 110*		BE41502	05/15/2024	*05/16/2024 00:06*	
Surrogate: Nitrobenzene-d5	*58.9 %*		*30 - 130*		BE41502	05/15/2024	*05/16/2024 00:06*	
Surrogate: 2-Fluorobiphenyl	*63.9 %*		*30 - 130*		BE41502	05/15/2024	*05/16/2024 00:06*	
Surrogate: 2,4,6-Tribromophenol	*80.8 %*		*15 - 110*		BE41502	05/15/2024	*05/16/2024 00:06*	
Surrogate: Terphenyl-d14	*102 %*		*30 - 130*		BE41502	05/15/2024	*05/16/2024 00:06*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B5/MW5

Lab ID: 24E0417-09

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	*C1*I
Chloromethane	ND	2.7	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Vinyl Chloride	ND	1.6	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Bromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Chloroethane	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Trichlorofluoromethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Acetone	ND	50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Acrylonitrile	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
t-Butanol	ND	20	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	*F1*C1*I
Methylene Chloride	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Carbon Disulfide	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Di-isopropyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
t-Butyl ethyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
2-Butanone (MEK)	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Bromochloromethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Chloroform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
tert-Amyl methyl ether (TAME)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Benzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Trichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Dibromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Bromodichloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Toluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
2-Hexanone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B5/MW5

Lab ID: 24E0417-09

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Tetrachloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Dibromochloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Chlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Ethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
m+p Xylenes	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
o-Xylene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Styrene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Bromoform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Isopropylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Bromobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
n-Propylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
n-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Naphthalene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	
Ethyl Ether	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 12:37	*F1
Surrogate: 1,2-Dichloroethane-d4	*113 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 12:37*	
Surrogate: Toluene-d8	*100 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 12:37*	
Surrogate: 4-Bromofluorobenzene	*87.5 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 12:37*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B5/MW5

Lab ID: 24E0417-09

1,4-Dioxane By 8260B/ SIM **Analyst: ACS**

Method: Modified EPA 8260B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,4-Dioxane	ND	2.5	1	EPA 5030C	BE41713	05/17/2024	05/17/2024 12:37	
Surrogate: 1,4-Dioxane-d8	*107 %*	*70 - 130*			BE41713	05/17/2024	*05/17/2024 12:37*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-3MW
Lab ID: 24E0417-10

Total Metals **Analyst: SS**
Method: EPA 200.7 **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:49	
Selenium	ND	0.010	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:49	
Cadmium	ND	0.0050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:49	
Chromium	**0.054**	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:49	
Arsenic	ND	0.0040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:49	
Barium	**0.052**	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:49	
Silver	ND	0.012	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:49	
Copper	ND	0.040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:49	
Nickel	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:49	
Zinc	ND	0.020	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:49	

Conn. Extractable TPH **Analyst: ATL**
Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	BE41615	05/16/2024	05/17/2024 06:35	
Surrogate: Octacosane	*87.1 %*	*50 - 150*			BE41615	05/16/2024	*05/17/2024 06:35*	

Chlorinated Pesticides **Analyst: MFJ**
Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	*F1
Alpha-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Heptachlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Aldrin	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Beta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Delta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Heptachlor Epoxide	**0.0080**	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-3MW

Lab ID: 24E0417-10

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Endosulfan I	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
4,4-DDE	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Dieldrin	**0.0050**	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Endrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
4,4-DDD	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Endosulfan II	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
4,4-DDT	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Chlordane	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Toxaphene	ND	0.80	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Alachlor	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:34	
Surrogate: TCMX [1C]	*98.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:34*	
Surrogate: TCMX [2C]	*101 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:34*	
Surrogate: DCB [1C]	*67.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:34*	
Surrogate: DCB [2C]	*70.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:34*	

Alcohol Analysis by GC **Analyst: JTS**

Method: EPA 8015B **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 14:07	
Isopropanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 14:07	
Ethanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 14:07	
n-Propanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 14:07	
Isobutanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 14:07	
n-Butanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 14:07	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-3MW

Lab ID: 24E0417-10

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	*F1
1,3-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
n-Nitroso-di-n-propylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Pyridine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
n-Nitroso-dimethylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
bis(2-Chloroethyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Aniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	*I
2-Chlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
1,4-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Benzyl Alcohol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
1,2-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
bis(2-Chloroisopropyl)ether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Hexachloroethane	ND	3.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
2-Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
3+4 Methyl Phenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
2-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
2,4-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Hexachlorobutadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
4-Chloro-3-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Nitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Isophorone	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
2,4-Dimethylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
bis(2-Chloroethoxy)methane	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Benzoic Acid	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
1,2,4-Trichlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
2,6-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
4-Chloroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
1,2,4,5-Tetrachlorobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Acenaphthylene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Acenaphthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Dibenzofuran	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Fluorene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Hexachlorocyclopentadiene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	*I
2,4,6-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
2,4,5-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
2,4-Dinitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
4-Nitrophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
2-Chloronaphthalene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
2-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-3MW

Lab ID: 24E0417-10

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dimethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
2,6-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
4-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
2,4-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
2,3,4,6-Tetrachlorophenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
4-Chlorophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Diethylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Phenanthrene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Anthracene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Carbazole	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Fluoranthene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Pyrene	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
n-Nitrosodiphenylamine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Pentachlorophenol	ND	1.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
3-Nitroaniline	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
4,6-Dinitro-2-methylphenol	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
1,2-Diphenylhydrazine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
4-Bromophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Pentachloronitrobenzene	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Di-n-butylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Chrysene	ND	0.50	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Butylbenzylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
3,3-Dichlorobenzidine	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Di-n-octylphthalate	ND	4.0	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	BE41502	05/15/2024	05/16/2024 00:31	
Surrogate: 2-Fluorophenol	*37.5 %*		*15 - 110*		BE41502	05/15/2024	*05/16/2024 00:31*	
Surrogate: Phenol-d6	*23.3 %*		*15 - 110*		BE41502	05/15/2024	*05/16/2024 00:31*	
Surrogate: Nitrobenzene-d5	*62.8 %*		*30 - 130*		BE41502	05/15/2024	*05/16/2024 00:31*	
Surrogate: 2-Fluorobiphenyl	*63.5 %*		*30 - 130*		BE41502	05/15/2024	*05/16/2024 00:31*	
Surrogate: 2,4,6-Tribromophenol	*87.0 %*		*15 - 110*		BE41502	05/15/2024	*05/16/2024 00:31*	
Surrogate: Terphenyl-d14	*118 %*		*30 - 130*		BE41502	05/15/2024	*05/16/2024 00:31*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-3MW

Lab ID: 24E0417-10

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	*C1*I
Chloromethane	ND	2.7	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Vinyl Chloride	ND	1.6	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Bromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Chloroethane	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Trichlorofluoromethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Acetone	ND	50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Acrylonitrile	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
t-Butanol	ND	20	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	*F1*C1*I
Methylene Chloride	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Carbon Disulfide	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Di-isopropyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
t-Butyl ethyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
2-Butanone (MEK)	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Bromochloromethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Chloroform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
tert-Amyl methyl ether (TAME)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Benzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Trichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Dibromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Bromodichloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Toluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
2-Hexanone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-3MW

Lab ID: 24E0417-10

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Tetrachloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Dibromochloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Chlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Ethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
m+p Xylenes	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
o-Xylene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Styrene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Bromoform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Isopropylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Bromobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
n-Propylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
n-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Naphthalene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	
Ethyl Ether	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:04	*F1
Surrogate: 1,2-Dichloroethane-d4	*107 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 13:04*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 13:04*	
Surrogate: 4-Bromofluorobenzene	*90.8 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 13:04*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-3MW

Lab ID: 24E0417-10

1,4-Dioxane By 8260B/ SIM **Analyst: ACS**

Method: Modified EPA 8260B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,4-Dioxane	ND	2.5	1	EPA 5030C	BE41713	05/17/2024	05/17/2024 13:04	
Surrogate: 1,4-Dioxane-d8	*97.7 %*	*70 - 130*			BE41713	05/17/2024	*05/17/2024 13:04*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B23/MW7

Lab ID: 24E0417-11

Total Metals **Analyst: SS**

Method: EPA 200.7 **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:53	
Selenium	ND	0.010	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:53	
Cadmium	ND	0.0050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:53	
Chromium	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:53	
Arsenic	ND	0.0040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:53	
Barium	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:53	
Silver	ND	0.012	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:53	
Copper	ND	0.040	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:53	
Nickel	ND	0.050	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:53	
Zinc	ND	0.020	1	EPA 200.7	BE41506	05/15/2024	05/15/2024 16:53	

Conn. Extractable TPH **Analyst: ATL**

Method: CT-ETPH **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	BE41615	05/16/2024	05/17/2024 06:56	
Surrogate: Octacosane	*83.0 %*	*50 - 150*			BE41615	05/16/2024	*05/17/2024 06:56*	

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Hexachlorobenzene	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	*F1
Alpha-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Gamma-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Heptachlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Aldrin	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Beta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Delta-BHC	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Heptachlor Epoxide	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B23/MW7

Lab ID: 24E0417-11

Chlorinated Pesticides **Analyst: MFJ**

Method: EPA 8081B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Endosulfan I	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
4,4-DDE	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Dieldrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Endrin	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
4,4-DDD	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Endosulfan II	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
4,4-DDT	ND	0.0010	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Endrin Aldehyde	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
4,4-Methoxychlor	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Endosulfan Sulfate	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Endrin Ketone	ND	0.0050	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Chlordane	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Toxaphene	ND	0.80	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Alachlor	ND	0.20	1	EPA 3510C	BE41508	05/15/2024	05/16/2024 19:46	
Surrogate: TCMX [1C]	*90.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:46*	
Surrogate: TCMX [2C]	*94.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:46*	
Surrogate: DCB [1C]	*77.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:46*	
Surrogate: DCB [2C]	*77.0 %*	*30 - 150*			BE41508	05/15/2024	*05/16/2024 19:46*	

Glycol Analysis **Analyst: JTS**

Method: EPA 8015B **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Propylene Glycol	ND	5.0	1	GC/FID 8015	BE42143	05/21/2024	05/21/2024 20:36	
Ethylene Glycol	ND	5.0	1	GC/FID 8015	BE42143	05/21/2024	05/21/2024 20:36	

Alcohol Analysis by GC **Analyst: JTS**

Method: EPA 8015B **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 14:33	
Isopropanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 14:33	

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Project: Eversource Blue Hills 6WM, Windsor
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Lab ID: 24E0417-11

Alcohol Analysis by GC **Analyst: JTS**

Method: EPA 8015B **Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Ethanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 14:33	
n-Propanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 14:33	
Isobutanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 14:33	
n-Butanol	ND	1.0	1	GC/FID 8015	BE42021	05/20/2024	05/21/2024 14:33	

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	*F1
1,3-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
n-Nitroso-di-n-propylamine	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Pyridine	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
n-Nitroso-dimethylamine	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
bis(2-Chloroethyl)ether	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Aniline	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	*I
2-Chlorophenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
1,4-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Benzyl Alcohol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
1,2-Dichlorobenzene	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
bis(2-Chloroisopropyl)ether	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Hexachloroethane	ND	3.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
2-Methyl Phenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
3+4 Methyl Phenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Naphthalene	ND	1.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
2-Nitrophenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
2,4-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Hexachlorobutadiene	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
4-Chloro-3-methylphenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Nitrobenzene	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Isophorone	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
2,4-Dimethylphenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
bis(2-Chloroethoxy)methane	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Benzoic Acid	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
1,2,4-Trichlorobenzene	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
2,6-Dichlorophenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
4-Chloroaniline	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B23/MW7

Lab ID: 24E0417-11

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4,5-Tetrachlorobenzene	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Acenaphthylene	ND	0.30	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Acenaphthene	ND	1.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Dibenzofuran	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Fluorene	ND	1.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Hexachlorocyclopentadiene	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	*I
2,4,6-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
2,4,5-Trichlorophenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
2,4-Dinitrophenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
4-Nitrophenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
2-Chloronaphthalene	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
2-Nitroaniline	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Dimethylphthalate	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
2,6-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
4-Nitroaniline	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
2,4-Dinitrotoluene	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
2,3,4,6-Tetrachlorophenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
4-Chlorophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Diethylphthalate	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Phenanthrene	ND	0.077	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Anthracene	ND	1.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Carbazole	ND	1.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Fluoranthene	ND	1.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Pyrene	ND	1.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
n-Nitrosodiphenylamine	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Pentachlorophenol	ND	1.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
3-Nitroaniline	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
4,6-Dinitro-2-methylphenol	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
1,2-Diphenylhydrazine	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
4-Bromophenyl-phenylether	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Pentachloronitrobenzene	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Di-n-butylphthalate	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Chrysene	ND	0.50	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Butylbenzylphthalate	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
3,3-Dichlorobenzidine	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Di-n-octylphthalate	ND	4.0	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	

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Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B23/MW7

Lab ID: 24E0417-11

Semivolatile Organics **Analyst: STP**

Method: EPA 8270E **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Indeno[1,2,3-cd]pyrene	ND	0.10	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Dibenz[a,h]anthracene	ND	0.10	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	BE41619	05/16/2024	05/16/2024 19:45	
Surrogate: 2-Fluorophenol	*26.0 %*		*15 - 110*		BE41619	05/16/2024	*05/16/2024 19:45*	
Surrogate: Phenol-d6	*18.4 %*		*15 - 110*		BE41619	05/16/2024	*05/16/2024 19:45*	
Surrogate: Nitrobenzene-d5	*62.4 %*		*30 - 130*		BE41619	05/16/2024	*05/16/2024 19:45*	
Surrogate: 2-Fluorobiphenyl	*68.2 %*		*30 - 130*		BE41619	05/16/2024	*05/16/2024 19:45*	
Surrogate: 2,4,6-Tribromophenol	*81.4 %*		*15 - 110*		BE41619	05/16/2024	*05/16/2024 19:45*	
Surrogate: Terphenyl-d14	*113 %*		*30 - 130*		BE41619	05/16/2024	*05/16/2024 19:45*	

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	*C1*I
Chloromethane	ND	2.7	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Vinyl Chloride	ND	1.6	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Bromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Chloroethane	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Trichlorofluoromethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Acetone	ND	50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Acrylonitrile	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
t-Butanol	ND	20	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	*F1*C1*I
Methylene Chloride	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Carbon Disulfide	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Di-isopropyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
t-Butyl ethyl ether	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
2-Butanone (MEK)	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	

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Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B23/MW7

Lab ID: 24E0417-11

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Bromochloromethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Chloroform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Tetrahydrofuran	ND	4.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
tert-Amyl methyl ether (TAME)	ND	5.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Benzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Trichloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Dibromomethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Bromodichloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Toluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
2-Hexanone	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Tetrachloroethene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Dibromochloromethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Chlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Ethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
m+p Xylenes	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
o-Xylene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Styrene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Bromoform	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Isopropylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Bromobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
n-Propylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B23/MW7

Lab ID: 24E0417-11

Volatile Organics **Analyst: ACS**

Method: EPA 8260D **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
n-Butylbenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Naphthalene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	
Ethyl Ether	ND	25	1	EPA 5030C	BE41714	05/17/2024	05/17/2024 13:30	*F1
Surrogate: 1,2-Dichloroethane-d4	*111 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 13:30*	
Surrogate: Toluene-d8	*103 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 13:30*	
Surrogate: 4-Bromofluorobenzene	*89.8 %*		*70 - 130*		BE41714	05/17/2024	*05/17/2024 13:30*	

1,4-Dioxane By 8260B/ SIM **Analyst: ACS**

Method: Modified EPA 8260B **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,4-Dioxane	ND	2.5	1	EPA 5030C	BE41713	05/17/2024	05/17/2024 13:30	
Surrogate: 1,4-Dioxane-d8	*110 %*		*70 - 130*		BE41713	05/17/2024	*05/17/2024 13:30*	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
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QUALITY CONTROL SECTION

Batch BE41502 - EPA 8270E

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41502-BLK1)					Prepared: 5/15/2024 Analyzed: 5/15/2024				
Phenol	ND	4.0							
1,3-Dichlorobenzene	ND	4.0							
n-Nitroso-di-n-propylamine	ND	4.0							
Pyridine	ND	4.0							
n-Nitroso-dimethylamine	ND	4.0							
bis(2-Chloroethyl)ether	ND	4.0							
Aniline	ND	4.0							
2-Chlorophenol	ND	4.0							
1,4-Dichlorobenzene	ND	4.0							
Benzyl Alcohol	ND	4.0							
1,2-Dichlorobenzene	ND	4.0							
bis(2-Chloroisopropyl)ether	ND	4.0							
Hexachloroethane	ND	3.0							
2-Methyl Phenol	ND	4.0							
3+4 Methyl Phenol	ND	4.0							
Naphthalene	ND	1.0							
2-Nitrophenol	ND	4.0							
2,4-Dichlorophenol	ND	4.0							
Hexachlorobutadiene	ND	4.0							
4-Chloro-3-methylphenol	ND	4.0							
Nitrobenzene	ND	4.0							
Isophorone	ND	4.0							
2,4-Dimethylphenol	ND	4.0							
bis(2-Chloroethoxy)methane	ND	4.0							
Benzoic Acid	ND	4.0							
1,2,4-Trichlorobenzene	ND	4.0							
2,6-Dichlorophenol	ND	4.0							
4-Chloroaniline	ND	4.0							
1,2,4,5-Tetrachlorobenzene	ND	4.0							
2-Methyl Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Dibenzofuran	ND	4.0							
Fluorene	ND	1.0							
Hexachlorocyclopentadiene	ND	4.0							
2,4,6-Trichlorophenol	ND	4.0							
2,4,5-Trichlorophenol	ND	4.0							
2,4-Dinitrophenol	ND	4.0							
4-Nitrophenol	ND	4.0							
2-Chloronaphthalene	ND	4.0							
2-Nitroaniline	ND	4.0							
Dimethylphthalate	ND	4.0							
2,6-Dinitrotoluene	ND	4.0							
4-Nitroaniline	ND	4.0							
2,4-Dinitrotoluene	ND	4.0							
2,3,4,6-Tetrachlorophenol	ND	4.0							
4-Chlorophenyl-phenylether	ND	4.0							
Diethylphthalate	ND	4.0							
Phenanthrene	ND	0.077							

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Project: Eversource Blue Hills 6WM, Windsor
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Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41502-BLK1) - Continued					Prepared: 5/15/2024 Analyzed: 5/15/2024				
Anthracene	ND	1.0							
Carbazole	ND	1.0							
Fluoranthene	ND	1.0							
Pyrene	ND	1.0							
n-Nitrosodiphenylamine	ND	4.0							
Pentachlorophenol	ND	1.0							
3-Nitroaniline	ND	4.0							
4,6-Dinitro-2-methylphenol	ND	4.0							
1,2-Diphenylhydrazine	ND	4.0							
4-Bromophenyl-phenylether	ND	4.0							
Hexachlorobenzene	ND	0.077							
Pentachloronitrobenzene	ND	4.0							
Di-n-butylphthalate	ND	4.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	0.50							
Butylbenzylphthalate	ND	4.0							
3,3-Dichlorobenzidine	ND	4.0							
bis(2-Ethylhexyl)phthalate	ND	2.0							
Di-n-octylphthalate	ND	4.0							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.20							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: 2-Fluorophenol					*37.1*	*15 - 110*			
Surrogate: Phenol-d6					*25.6*	*15 - 110*			
Surrogate: Nitrobenzene-d5					*61.2*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*65.7*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*80.0*	*15 - 110*			
Surrogate: Terphenyl-d14					*111*	*30 - 130*			
LCS (BE41502-BS1)					Prepared: 5/15/2024 Analyzed: 5/15/2024				
Phenol	8.48	4.0	30.000		**28.3**	30 - 130			**L**
1,3-Dichlorobenzene	20.3	4.0	30.000		67.7	40 - 140			
n-Nitroso-di-n-propylamine	22.5	4.0	30.000		75.1	40 - 140			
Pyridine	12.2	4.0	30.000		40.8	40 - 140			
n-Nitroso-dimethylamine	13.8	4.0	30.000		45.9	40 - 140			
bis(2-Chloroethyl)ether	23.2	4.0	30.000		77.3	40 - 140			
Aniline	20.6	4.0	30.000		68.7	40 - 140			
2-Chlorophenol	19.9	4.0	30.000		66.3	30 - 130			
1,4-Dichlorobenzene	20.6	4.0	30.000		68.6	40 - 140			
Benzyl Alcohol	20.0	4.0	30.000		66.5	30 - 130			
1,2-Dichlorobenzene	20.9	4.0	30.000		69.7	40 - 140			
bis(2-Chloroisopropyl)ether	21.3	4.0	30.000		71.1	40 - 140			
Hexachloroethane	21.5	3.0	30.000		71.6	40 - 140			
2-Methyl Phenol	19.2	4.0	30.000		63.8	30 - 130			
3+4 Methyl Phenol	17.6	4.0	30.000		58.6	30 - 130			
Naphthalene	21.5	1.0	30.000		71.8	40 - 140			
2-Nitrophenol	23.4	4.0	30.000		78.0	30 - 130			
2,4-Dichlorophenol	24.0	4.0	30.000		80.1	30 - 130			
Hexachlorobutadiene	22.9	4.0	30.000		76.4	40 - 140			
4-Chloro-3-methylphenol	26.0	4.0	30.000		86.8	30 - 130			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
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Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE41502-BS1) - Continued					Prepared: 5/15/2024 Analyzed: 5/15/2024				
Nitrobenzene	23.9	4.0	30.000		79.6	40 - 140			
Isophorone	25.5	4.0	30.000		85.1	40 - 140			
2,4-Dimethylphenol	23.2	4.0	30.000		77.2	30 - 130			
bis(2-Chloroethoxy)methane	27.1	4.0	30.000		90.3	40 - 140			
Benzoic Acid	11.0	4.0	30.000		36.5	30 - 130			
1,2,4-Trichlorobenzene	22.9	4.0	30.000		76.3	40 - 140			
2,6-Dichlorophenol	24.8	4.0	30.000		82.8	30 - 130			
4-Chloroaniline	28.6	4.0	30.000		95.4	40 - 140			
1,2,4,5-Tetrachlorobenzene	22.1	4.0	30.000		73.8	40 - 140			
2-Methyl Naphthalene	23.0	1.0	30.000		76.5	40 - 140			
Acenaphthylene	23.3	0.30	30.000		77.8	40 - 140			
Acenaphthene	24.7	1.0	30.000		82.2	40 - 140			
Dibenzofuran	26.9	4.0	30.000		89.7	40 - 140			
Fluorene	26.6	1.0	30.000		88.7	40 - 140			
Hexachlorocyclopentadiene	18.2	4.0	30.000		60.7	40 - 140			
2,4,6-Trichlorophenol	23.9	4.0	30.000		79.6	30 - 130			
2,4,5-Trichlorophenol	25.1	4.0	30.000		83.5	30 - 130			
2,4-Dinitrophenol	25.2	4.0	30.000		84.0	30 - 130			
4-Nitrophenol	12.4	4.0	30.000		41.3	30 - 130			
2-Chloronaphthalene	21.6	4.0	30.000		72.1	40 - 140			
2-Nitroaniline	26.8	4.0	30.000		89.4	40 - 140			
Dimethylphthalate	26.9	4.0	30.000		89.5	40 - 140			
2,6-Dinitrotoluene	27.0	4.0	30.000		89.8	40 - 140			
4-Nitroaniline	27.0	4.0	30.000		90.1	40 - 140			
2,4-Dinitrotoluene	28.7	4.0	30.000		95.8	40 - 140			
2,3,4,6-Tetrachlorophenol	27.7	4.0	30.000		92.2	30 - 130			
4-Chlorophenyl-phenylether	25.7	4.0	30.000		85.6	40 - 140			
Diethylphthalate	27.8	4.0	30.000		92.8	40 - 140			
Phenanthrene	27.4	0.077	30.000		91.2	40 - 140			
Anthracene	27.7	1.0	30.000		92.5	40 - 140			
Carbazole	28.6	1.0	30.000		95.5	40 - 140			
Fluoranthene	28.6	1.0	30.000		95.3	40 - 140			
Pyrene	29.2	1.0	30.000		97.3	40 - 140			
n-Nitrosodiphenylamine	27.9	4.0	30.000		93.0	40 - 140			
Pentachlorophenol	25.8	1.0	30.000		85.9	30 - 130			
3-Nitroaniline	28.3	4.0	30.000		94.2	40 - 140			
4,6-Dinitro-2-methylphenol	27.0	4.0	30.000		90.0	30 - 130			
1,2-Diphenylhydrazine	26.2	4.0	30.000		87.4	40 - 140			
4-Bromophenyl-phenylether	25.9	4.0	30.000		86.4	40 - 140			
Hexachlorobenzene	27.4	0.077	30.000		91.4	40 - 140			
Pentachloronitrobenzene	31.1	4.0	30.000		104	40 - 140			
Di-n-butylphthalate	29.7	4.0	30.000		99.1	40 - 140			
Benzo[a]anthracene	34.6	0.060	30.000		115	40 - 140			
Chrysene	34.0	0.50	30.000		113	40 - 140			
Butylbenzylphthalate	35.5	4.0	30.000		118	40 - 140			
3,3-Dichlorobenzidine	32.7	4.0	30.000		109	40 - 140			
bis(2-Ethylhexyl)phthalate	34.7	2.0	30.000		116	40 - 140			
Di-n-octylphthalate	35.7	4.0	30.000		119	40 - 140			
Benzo[b]fluoranthene	30.1	0.080	30.000		100	40 - 140			
Benzo[k]fluoranthene	33.6	0.30	30.000		112	40 - 140			
Benzo[a]pyrene	31.4	0.20	30.000		105	40 - 140			
Indeno[1,2,3-cd]pyrene	31.1	0.10	30.000		104	40 - 140			
Dibenz[a,h]anthracene	31.4	0.10	30.000		105	40 - 140			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
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Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE41502-BS1) - Continued					Prepared: 5/15/2024 Analyzed: 5/15/2024				
Benzo[g,h,i]perylene	32.6	0.40	30.000		109	40 - 140			
Surrogate: 2-Fluorophenol					*41.7*	*15 - 110*			
Surrogate: Phenol-d6					*27.9*	*15 - 110*			
Surrogate: Nitrobenzene-d5					*73.2*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*72.2*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*93.8*	*15 - 110*			
Surrogate: Terphenyl-d14					*118*	*30 - 130*			
LCS Dup (BE41502-BSD1)					Prepared: 5/15/2024 Analyzed: 5/15/2024				
Phenol	9.30	4.0	30.000		31.0	30 - 130	9.22	20	
1,3-Dichlorobenzene	22.2	4.0	30.000		74.1	40 - 140	9.07	20	
n-Nitroso-di-n-propylamine	23.5	4.0	30.000		78.5	40 - 140	4.38	20	
Pyridine	13.3	4.0	30.000		44.5	40 - 140	8.60	20	
n-Nitroso-dimethylamine	14.3	4.0	30.000		47.6	40 - 140	3.71	20	
bis(2-Chloroethyl)ether	23.4	4.0	30.000		78.1	40 - 140	0.986	20	
Aniline	21.8	4.0	30.000		72.5	40 - 140	5.48	20	
2-Chlorophenol	21.5	4.0	30.000		71.6	30 - 130	7.78	20	
1,4-Dichlorobenzene	21.6	4.0	30.000		72.1	40 - 140	4.93	20	
Benzyl Alcohol	21.2	4.0	30.000		70.5	30 - 130	5.79	20	
1,2-Dichlorobenzene	22.1	4.0	30.000		73.8	40 - 140	5.71	20	
bis(2-Chloroisopropyl)ether	22.5	4.0	30.000		75.0	40 - 140	5.43	20	
Hexachloroethane	21.7	3.0	30.000		72.2	40 - 140	0.788	20	
2-Methyl Phenol	20.4	4.0	30.000		68.1	30 - 130	6.52	20	
3+4 Methyl Phenol	18.8	4.0	30.000		62.8	30 - 130	6.92	20	
Naphthalene	21.9	1.0	30.000		73.0	40 - 140	1.61	20	
2-Nitrophenol	24.5	4.0	30.000		81.8	30 - 130	4.76	20	
2,4-Dichlorophenol	23.5	4.0	30.000		78.4	30 - 130	2.10	20	
Hexachlorobutadiene	22.2	4.0	30.000		74.1	40 - 140	3.06	20	
4-Chloro-3-methylphenol	24.9	4.0	30.000		82.8	30 - 130	4.64	20	
Nitrobenzene	22.8	4.0	30.000		76.1	40 - 140	4.54	20	
Isophorone	25.3	4.0	30.000		84.2	40 - 140	1.10	20	
2,4-Dimethylphenol	23.0	4.0	30.000		76.7	30 - 130	0.649	20	
bis(2-Chloroethoxy)methane	26.7	4.0	30.000		88.9	40 - 140	1.64	20	
Benzoic Acid	11.1	4.0	30.000		37.1	30 - 130	1.54	20	
1,2,4-Trichlorobenzene	21.8	4.0	30.000		72.7	40 - 140	4.83	20	
2,6-Dichlorophenol	25.1	4.0	30.000		83.6	30 - 130	0.962	20	
4-Chloroaniline	28.1	4.0	30.000		93.7	40 - 140	1.76	20	
1,2,4,5-Tetrachlorobenzene	22.8	4.0	30.000		76.1	40 - 140	3.07	20	
2-Methyl Naphthalene	22.6	1.0	30.000		75.3	40 - 140	1.58	20	
Acenaphthylene	22.1	0.30	30.000		73.7	40 - 140	5.32	20	
Acenaphthene	24.2	1.0	30.000		80.6	40 - 140	1.97	20	
Dibenzofuran	25.7	4.0	30.000		85.6	40 - 140	4.68	20	
Fluorene	25.5	1.0	30.000		85.0	40 - 140	4.22	20	
Hexachlorocyclopentadiene	18.6	4.0	30.000		62.0	40 - 140	2.12	20	
2,4,6-Trichlorophenol	23.4	4.0	30.000		78.1	30 - 130	1.82	20	
2,4,5-Trichlorophenol	25.2	4.0	30.000		84.1	30 - 130	0.636	20	
2,4-Dinitrophenol	23.3	4.0	30.000		77.5	30 - 130	7.97	20	
4-Nitrophenol	12.4	4.0	30.000		41.3	30 - 130	0.0807	20	
2-Chloronaphthalene	22.3	4.0	30.000		74.2	40 - 140	2.82	20	
2-Nitroaniline	26.4	4.0	30.000		87.9	40 - 140	1.69	20	
Dimethylphthalate	24.6	4.0	30.000		81.9	40 - 140	8.83	20	
2,6-Dinitrotoluene	24.9	4.0	30.000		83.0	40 - 140	7.87	20	
4-Nitroaniline	26.3	4.0	30.000		87.6	40 - 140	2.81	20	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
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Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BE41502-BSD1) - Continued					Prepared: 5/15/2024 Analyzed: 5/15/2024				
2,4-Dinitrotoluene	27.6	4.0	30.000		92.1	40 - 140	3.94	20	
2,3,4,6-Tetrachlorophenol	27.5	4.0	30.000		91.7	30 - 130	0.507	20	
4-Chlorophenyl-phenylether	24.7	4.0	30.000		82.3	40 - 140	3.89	20	
Diethylphthalate	26.9	4.0	30.000		89.7	40 - 140	3.36	20	
Phenanthrene	26.5	0.077	30.000		88.2	40 - 140	3.31	20	
Anthracene	26.1	1.0	30.000		86.9	40 - 140	6.21	20	
Carbazole	27.5	1.0	30.000		91.5	40 - 140	4.21	20	
Fluoranthene	27.9	1.0	30.000		92.9	40 - 140	2.55	20	
Pyrene	27.3	1.0	30.000		91.0	40 - 140	6.69	20	
n-Nitrosodiphenylamine	26.4	4.0	30.000		87.9	40 - 140	5.67	20	
Pentachlorophenol	24.1	1.0	30.000		80.2	30 - 130	6.82	20	
3-Nitroaniline	27.6	4.0	30.000		92.0	40 - 140	2.43	20	
4,6-Dinitro-2-methylphenol	26.1	4.0	30.000		86.9	30 - 130	3.50	20	
1,2-Diphenylhydrazine	24.3	4.0	30.000		80.9	40 - 140	7.80	20	
4-Bromophenyl-phenylether	25.0	4.0	30.000		83.4	40 - 140	3.46	20	
Hexachlorobenzene	26.2	0.077	30.000		87.4	40 - 140	4.44	20	
Pentachloronitrobenzene	31.6	4.0	30.000		105	40 - 140	1.63	20	
Di-n-butylphthalate	28.5	4.0	30.000		95.1	40 - 140	4.19	20	
Benzo[a]anthracene	33.8	0.060	30.000		113	40 - 140	2.40	20	
Chrysene	33.0	0.50	30.000		110	40 - 140	2.96	20	
Butylbenzylphthalate	33.8	4.0	30.000		113	40 - 140	4.87	20	
3,3-Dichlorobenzidine	33.1	4.0	30.000		110	40 - 140	1.09	20	
bis(2-Ethylhexyl)phthalate	33.7	2.0	30.000		112	40 - 140	2.90	20	
Di-n-octylphthalate	35.4	4.0	30.000		118	40 - 140	1.07	20	
Benzo[b]fluoranthene	29.4	0.080	30.000		98.1	40 - 140	2.15	20	
Benzo[k]fluoranthene	32.6	0.30	30.000		109	40 - 140	2.93	20	
Benzo[a]pyrene	30.3	0.20	30.000		101	40 - 140	3.53	20	
Indeno[1,2,3-cd]pyrene	30.3	0.10	30.000		101	40 - 140	2.70	20	
Dibenz[a,h]anthracene	30.9	0.10	30.000		103	40 - 140	1.64	20	
Benzo[g,h,i]perylene	31.5	0.40	30.000		105	40 - 140	3.34	20	
Surrogate: 2-Fluorophenol					*45.4*	*15 - 110*			
Surrogate: Phenol-d6					*30.7*	*15 - 110*			
Surrogate: Nitrobenzene-d5					*76.8*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*74.8*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*93.6*	*15 - 110*			
Surrogate: Terphenyl-d14					*123*	*30 - 130*			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Batch BE41506 - EPA 200.7

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41506-BLK1)					Prepared: 5/15/2024 Analyzed: 5/15/2024				
Lead	ND	0.013							
Selenium	ND	0.010							
Cadmium	ND	0.0050							
Chromium	ND	0.050							
Arsenic	ND	0.0040							
Barium	ND	0.050							
Silver	ND	0.012							
Copper	ND	0.040							
Nickel	ND	0.050							
Zinc	ND	0.020							
LCS (BE41506-BS1)					Prepared: 5/15/2024 Analyzed: 5/15/2024				
Lead	0.188	0.013	0.200		93.8	85 - 115			
Selenium	0.376	0.010	0.400		94.1	85 - 115			
Cadmium	0.199	0.0050	0.200		99.3	85 - 115			
Chromium	0.189	0.050	0.200		94.3	85 - 115			
Arsenic	0.196	0.0040	0.200		98.2	85 - 115			
Barium	0.194	0.050	0.200		97.2	85 - 115			
Silver	0.0997	0.012	0.100		99.7	85 - 115			
Copper	0.195	0.040	0.200		97.4	85 - 115			
Nickel	0.192	0.050	0.200		96.1	85 - 115			
Zinc	0.203	0.020	0.200		101	85 - 115			
Matrix Spike (BE41506-MS2)		**Source: 24E0417-05**			Prepared: 5/15/2024 Analyzed: 5/15/2024				
Lead	0.201	0.013	0.200	ND	100	75 - 125			
Selenium	0.399	0.010	0.400	ND	99.7	75 - 125			
Cadmium	0.208	0.0050	0.200	ND	104	75 - 125			
Chromium	0.214	0.050	0.200	ND	107	75 - 125			
Arsenic	0.208	0.0040	0.200	ND	104	75 - 125			
Barium	0.378	0.050	0.200	0.179	99.5	75 - 125			
Silver	0.102	0.012	0.100	ND	102	75 - 125			
Copper	0.201	0.040	0.200	ND	101	75 - 125			
Nickel	0.208	0.050	0.200	ND	104	75 - 125			
Zinc	0.223	0.020	0.200	ND	111	75 - 125			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Batch BE41508 - EPA 8081B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41508-BLK1)					Prepared: 5/15/2024 Analyzed: 5/16/2024				
Hexachlorobenzene	ND	0.0050							
Alpha-BHC	ND	0.0050							
Gamma-BHC	ND	0.0050							
Heptachlor	ND	0.0050							
Aldrin	ND	0.0050							
Beta-BHC	ND	0.0050							
Delta-BHC	ND	0.0050							
Heptachlor Epoxide	ND	0.0050							
Endosulfan I	ND	0.0050							
4,4-DDE	ND	0.0010							
Dieldrin	ND	0.0010							
Endrin	ND	0.0010							
4,4-DDD	ND	0.0010							
Endosulfan II	ND	0.0050							
4,4-DDT	ND	0.0010							
Endrin Aldehyde	ND	0.0050							
4,4-Methoxychlor	ND	0.0050							
Endosulfan Sulfate	ND	0.0050							
Endrin Ketone	ND	0.0050							
Chlordane	ND	0.20							
Toxaphene	ND	0.80							
Alachlor	ND	0.20							
Surrogate: TCMX [1C]					*118*	*30 - 150*			
Surrogate: TCMX [2C]					*120*	*30 - 150*			
Surrogate: DCB [1C]					*112*	*30 - 150*			
Surrogate: DCB [2C]					*109*	*30 - 150*			
LCS (BE41508-BS1)					Prepared: 5/15/2024 Analyzed: 5/16/2024				
Hexachlorobenzene	ND	0.0050				40 - 140			**L**
Alpha-BHC	0.0510	0.0050	0.050		102	40 - 140			
Gamma-BHC	0.0530	0.0050	0.050		106	40 - 140			
Heptachlor	0.0510	0.0050	0.050		102	40 - 140			
Aldrin	0.0530	0.0050	0.050		106	40 - 140			
Beta-BHC	0.0510	0.0050	0.050		102	40 - 140			
Delta-BHC	0.0550	0.0050	0.050		110	40 - 140			
Heptachlor Epoxide	0.0520	0.0050	0.050		104	40 - 140			
Endosulfan I	0.0520	0.0050	0.050		104	40 - 140			
4,4-DDE	0.0530	0.0010	0.050		106	40 - 140			
Dieldrin	0.0570	0.0010	0.050		114	40 - 140			
Endrin	0.0500	0.0010	0.050		100	40 - 140			
4,4-DDD	0.0530	0.0010	0.050		106	40 - 140			
Endosulfan II	0.0590	0.0050	0.050		118	40 - 140			
4,4-DDT	0.0510	0.0010	0.050		102	40 - 140			
Endrin Aldehyde	0.0550	0.0050	0.050		110	40 - 140			
4,4-Methoxychlor	0.0500	0.0050	0.050		100	40 - 140			
Endosulfan Sulfate	0.0550	0.0050	0.050		110	40 - 140			
Endrin Ketone	0.0590	0.0050	0.050		118	40 - 140			
Alachlor	0.128	0.20	0.100		128	40 - 140			
Surrogate: TCMX [1C]					*97.0*	*30 - 150*			
Surrogate: TCMX [2C]					*97.0*	*30 - 150*			
Surrogate: DCB [1C]					*88.0*	*30 - 150*			
Surrogate: DCB [2C]					*86.0*	*30 - 150*			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE41508-BS1) - Continued					Prepared: 5/15/2024 Analyzed: 5/16/2024				
LCS Dup (BE41508-BSD1)					Prepared: 5/15/2024 Analyzed: 5/16/2024				
Hexachlorobenzene	ND	0.0050				40 - 140		20	**L**
Alpha-BHC	0.0530	0.0050	0.050		106	40 - 140	3.85	20	
Gamma-BHC	0.0560	0.0050	0.050		112	40 - 140	5.50	20	
Heptachlor	0.0490	0.0050	0.050		98.0	40 - 140	4.00	20	
Aldrin	0.0530	0.0050	0.050		106	40 - 140	0.00	20	
Beta-BHC	0.0520	0.0050	0.050		104	40 - 140	1.94	20	
Delta-BHC	0.0560	0.0050	0.050		112	40 - 140	1.80	20	
Heptachlor Epoxide	0.0540	0.0050	0.050		108	40 - 140	3.77	20	
Endosulfan I	0.0540	0.0050	0.050		108	40 - 140	3.77	20	
4,4-DDE	0.0530	0.0010	0.050		106	40 - 140	0.00	20	
Dieldrin	0.0600	0.0010	0.050		120	40 - 140	5.13	20	
Endrin	0.0540	0.0010	0.050		108	40 - 140	7.69	20	
4,4-DDD	0.0540	0.0010	0.050		108	40 - 140	1.87	20	
Endosulfan II	0.0530	0.0050	0.050		106	40 - 140	10.7	20	
4,4-DDT	0.0540	0.0010	0.050		108	40 - 140	5.71	20	
Endrin Aldehyde	0.0570	0.0050	0.050		114	40 - 140	3.57	20	
4,4-Methoxychlor	0.0540	0.0050	0.050		108	40 - 140	7.69	20	
Endosulfan Sulfate	0.0570	0.0050	0.050		114	40 - 140	3.57	20	
Endrin Ketone	0.0620	0.0050	0.050		124	40 - 140	4.96	20	
Alachlor	0.136	0.20	0.100		136	40 - 140	6.06	20	
Surrogate: TCMX [1C]					*99.0*	*30 - 150*			
Surrogate: TCMX [2C]					*99.0*	*30 - 150*			
Surrogate: DCB [1C]					*100*	*30 - 150*			
Surrogate: DCB [2C]					*98.0*	*30 - 150*			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Batch BE41517 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41517-BLK1)					Prepared: 5/15/2024 Analyzed: 5/15/2024				
ETPH	ND	0.10							
Surrogate: Octacosane					*91.5*	*50 - 150*			
LCS (BE41517-BS1)					Prepared: 5/15/2024 Analyzed: 5/15/2024				
ETPH	0.483	0.10	0.500		96.7	60 - 120			
Surrogate: Octacosane					*83.6*	*50 - 150*			
LCS Dup (BE41517-BSD1)					Prepared: 5/15/2024 Analyzed: 5/15/2024				
ETPH	0.538	0.10	0.500		108	60 - 120	10.6	30	
Surrogate: Octacosane					*95.5*	*50 - 150*			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Batch BE41563 - EPA 8260D

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41563-BLK1)					Prepared: 5/15/2024 Analyzed: 5/15/2024				
Dichlorodifluoromethane	ND	10							
Chloromethane	ND	2.7							
Vinyl Chloride	ND	1.6							
Bromomethane	ND	1.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	25							
Acetone	ND	50							
Acrylonitrile	ND	0.50							
Trichlorotrifluoroethane	ND	25							
1,1-Dichloroethene	ND	1.0							
t-Butanol	ND	20							
Methylene Chloride	ND	5.0							
Carbon Disulfide	ND	1.0							
Methyl-t-Butyl Ether (MTBE)	ND	5.0							
trans-1,2-Dichloroethene	ND	1.0							
Di-isopropyl ether	ND	1.0							
1,1-Dichloroethane	ND	1.0							
t-Butyl ethyl ether	ND	1.0							
2-Butanone (MEK)	ND	25							
2,2-Dichloropropane	ND	1.0							
cis-1,2-Dichloroethene	ND	1.0							
Bromochloromethane	ND	1.0							
Chloroform	ND	1.0							
Tetrahydrofuran	ND	4.0							
1,1,1-Trichloroethane	ND	1.0							
tert-Amyl methyl ether (TAME)	ND	5.0							
Carbon Tetrachloride	ND	1.0							
1,1-Dichloropropene	ND	1.0							
Benzene	ND	1.0							
1,2-Dichloroethane	ND	1.0							
Trichloroethene	ND	1.0							
1,2-Dichloropropane	ND	1.0							
Dibromomethane	ND	1.0							
Bromodichloromethane	ND	0.50							
Methyl Isobutyl Ketone	ND	25							
cis-1,3-Dichloropropene	ND	0.50							
Toluene	ND	1.0							
trans-1,3-Dichloropropene	ND	0.50							
2-Hexanone	ND	25							
1,1,2-Trichloroethane	ND	1.0							
Tetrachloroethene	ND	1.0							
1,3-Dichloropropane	ND	0.50							
Dibromochloromethane	ND	0.50							
1,2-Dibromoethane	ND	0.50							
trans-1,4-Dichloro-2-Butene	ND	10							
Chlorobenzene	ND	1.0							
1,1,1,2-Tetrachloroethane	ND	1.0							
Ethylbenzene	ND	1.0							
m+p Xylenes	ND	1.0							
o-Xylene	ND	1.0							
Styrene	ND	1.0							
Bromoform	ND	1.0							

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
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Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41563-BLK1) - Continued					Prepared: 5/15/2024 Analyzed: 5/15/2024				
Isopropylbenzene	ND	1.0							
1,1,2,2-Tetrachloroethane	ND	0.50							
Bromobenzene	ND	1.0							
1,2,3-Trichloropropane	ND	1.0							
n-Propylbenzene	ND	1.0							
2-Chlorotoluene	ND	1.0							
4-Chlorotoluene	ND	1.0							
1,3,5-Trimethylbenzene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,2,4-Trimethylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
n-Butylbenzene	ND	1.0							
1,2-Dibromo-3-Chloropropane	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
Hexachlorobutadiene	ND	0.45							
Naphthalene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							
Ethyl Ether	ND	25							
Surrogate: 1,2-Dichloroethane-d4					*106*	*70 - 130*			
Surrogate: Toluene-d8					*101*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*93.1*	*70 - 130*			
LCS (BE41563-BS1)					Prepared: 5/15/2024 Analyzed: 5/15/2024				
Dichlorodifluoromethane	32.0	10	50.000		**63.9**	70 - 130			**L**
Chloromethane	42.9	2.7	50.000		85.9	70 - 130			
Vinyl Chloride	44.3	1.6	50.000		88.6	70 - 130			
Bromomethane	37.6	1.0	50.000		75.1	70 - 130			
Chloroethane	45.2	5.0	50.000		90.4	70 - 130			
Trichlorofluoromethane	42.1	25	50.000		84.2	70 - 130			
Acetone	81.1	50	100.000		81.1	70 - 130			
Acrylonitrile	48.1	0.50	50.000		96.1	70 - 130			
Trichlorotrifluoroethane	46.8	25	50.000		93.6	70 - 130			
1,1-Dichloroethene	49.2	1.0	50.000		98.4	70 - 130			
t-Butanol	415	20	500.000		82.9	70 - 130			
Methylene Chloride	93.7	5.0	50.000		**187**	70 - 130			**H**
Carbon Disulfide	48.4	1.0	50.000		96.8	70 - 130			
Methyl-t-Butyl Ether (MTBE)	48.7	5.0	50.000		97.4	70 - 130			
trans-1,2-Dichloroethene	49.8	1.0	50.000		99.5	70 - 130			
Di-isopropyl ether	52.5	1.0	50.000		105	70 - 130			
1,1-Dichloroethane	52.3	1.0	50.000		105	70 - 130			
t-Butyl ethyl ether	49.7	1.0	50.000		99.4	70 - 130			
2-Butanone (MEK)	92.9	25	100.000		92.9	70 - 130			
2,2-Dichloropropane	43.6	1.0	50.000		87.3	70 - 130			
cis-1,2-Dichloroethene	50.0	1.0	50.000		100	70 - 130			
Bromochloromethane	49.6	1.0	50.000		99.1	70 - 130			
Chloroform	50.6	1.0	50.000		101	70 - 130			
Tetrahydrofuran	41.8	4.0	50.000		83.6	70 - 130			
1,1,1-Trichloroethane	44.5	1.0	50.000		89.1	70 - 130			
tert-Amyl methyl ether (TAME)	46.3	5.0	50.000		92.5	70 - 130			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE41563-BS1) - Continued					Prepared: 5/15/2024 Analyzed: 5/15/2024				
Carbon Tetrachloride	44.0	1.0	50.000		87.9	70 - 130			
1,1-Dichloropropene	45.1	1.0	50.000		90.2	70 - 130			
Benzene	48.2	1.0	50.000		96.3	70 - 130			
1,2-Dichloroethane	41.3	1.0	50.000		82.7	70 - 130			
Trichloroethene	42.7	1.0	50.000		85.4	70 - 130			
1,2-Dichloropropane	48.7	1.0	50.000		97.4	70 - 130			
Dibromomethane	45.3	1.0	50.000		90.5	70 - 130			
Bromodichloromethane	46.3	0.50	50.000		92.5	70 - 130			
Methyl Isobutyl Ketone	98.9	25	100.000		98.9	70 - 130			
cis-1,3-Dichloropropene	47.1	0.50	50.000		94.3	70 - 130			
Toluene	46.7	1.0	50.000		93.3	70 - 130			
trans-1,3-Dichloropropene	46.1	0.50	50.000		92.1	70 - 130			
2-Hexanone	96.7	25	100.000		96.7	70 - 130			
1,1,2-Trichloroethane	47.6	1.0	50.000		95.1	70 - 130			
Tetrachloroethene	42.4	1.0	50.000		84.7	70 - 130			
1,3-Dichloropropane	50.2	0.50	50.000		100	70 - 130			
Dibromochloromethane	48.3	0.50	50.000		96.5	70 - 130			
1,2-Dibromoethane	50.6	0.50	50.000		101	70 - 130			
trans-1,4-Dichloro-2-Butene	50.1	10	50.000		100	70 - 130			
Chlorobenzene	50.2	1.0	50.000		100	70 - 130			
1,1,1,2-Tetrachloroethane	49.8	1.0	50.000		99.6	70 - 130			
Ethylbenzene	49.9	1.0	50.000		99.9	70 - 130			
m+p Xylenes	101	1.0	100.000		101	70 - 130			
o-Xylene	52.7	1.0	50.000		105	70 - 130			
Styrene	51.4	1.0	50.000		103	70 - 130			
Bromoform	47.1	1.0	50.000		94.2	70 - 130			
Isopropylbenzene	49.2	1.0	50.000		98.4	70 - 130			
1,1,2,2-Tetrachloroethane	52.9	0.50	50.000		106	70 - 130			
Bromobenzene	53.9	1.0	50.000		108	70 - 130			
1,2,3-Trichloropropane	49.5	1.0	50.000		99.0	70 - 130			
n-Propylbenzene	54.3	1.0	50.000		109	70 - 130			
2-Chlorotoluene	53.5	1.0	50.000		107	70 - 130			
4-Chlorotoluene	53.5	1.0	50.000		107	70 - 130			
1,3,5-Trimethylbenzene	53.0	1.0	50.000		106	70 - 130			
tert-Butylbenzene	50.7	1.0	50.000		101	70 - 130			
1,2,4-Trimethylbenzene	51.4	1.0	50.000		103	70 - 130			
sec-Butylbenzene	52.6	1.0	50.000		105	70 - 130			
1,3-Dichlorobenzene	49.9	1.0	50.000		99.8	70 - 130			
4-Isopropyltoluene	51.3	1.0	50.000		103	70 - 130			
1,4-Dichlorobenzene	47.4	1.0	50.000		94.7	70 - 130			
1,2-Dichlorobenzene	50.6	1.0	50.000		101	70 - 130			
n-Butylbenzene	53.1	1.0	50.000		106	70 - 130			
1,2-Dibromo-3-Chloropropane	46.8	1.0	50.000		93.5	70 - 130			
1,2,4-Trichlorobenzene	47.8	1.0	50.000		95.6	70 - 130			
Hexachlorobutadiene	46.8	0.45	50.000		93.6	70 - 130			
Naphthalene	47.5	1.0	50.000		94.9	70 - 130			
1,2,3-Trichlorobenzene	46.8	1.0	50.000		93.6	70 - 130			
Ethyl Ether	ND	25				70 - 130			**L**
Surrogate: 1,2-Dichloroethane-d4					*107*	*70 - 130*			
Surrogate: Toluene-d8					*99.5*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*89.3*	*70 - 130*			
LCS Dup (BE41563-BSD1)					Prepared: 5/15/2024 Analyzed: 5/15/2024				

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
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Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BE41563-BSD1) - Continued					Prepared: 5/15/2024 Analyzed: 5/15/2024				
Dichlorodifluoromethane	31.9	10	50.000		63.9	70 - 130	0.125	30	**L**
Chloromethane	44.3	2.7	50.000		88.6	70 - 130	3.16	30	
Vinyl Chloride	44.8	1.6	50.000		89.6	70 - 130	1.10	30	
Bromomethane	37.9	1.0	50.000		75.8	70 - 130	0.901	30	
Chloroethane	46.7	5.0	50.000		93.4	70 - 130	3.31	30	
Trichlorofluoromethane	43.1	25	50.000		86.1	70 - 130	2.23	30	
Acetone	86.5	50	100.000		86.5	70 - 130	6.45	30	
Acrylonitrile	49.4	0.50	50.000		98.8	70 - 130	2.81	30	
Trichlorotrifluoroethane	48.3	25	50.000		96.5	70 - 130	3.09	30	
1,1-Dichloroethene	50.5	1.0	50.000		101	70 - 130	2.59	30	
t-Butanol	421	20	500.000		84.1	70 - 130	1.48	30	
Methylene Chloride	60.8	5.0	50.000		122	70 - 130	**42.5**	30	**D**
Carbon Disulfide	50.7	1.0	50.000		101	70 - 130	4.66	30	
Methyl-t-Butyl Ether (MTBE)	50.7	5.0	50.000		101	70 - 130	4.04	30	
trans-1,2-Dichloroethene	51.7	1.0	50.000		103	70 - 130	3.78	30	
Di-isopropyl ether	55.2	1.0	50.000		110	70 - 130	4.87	30	
1,1-Dichloroethane	54.9	1.0	50.000		110	70 - 130	4.78	30	
t-Butyl ethyl ether	51.8	1.0	50.000		104	70 - 130	4.22	30	
2-Butanone (MEK)	93.7	25	100.000		93.7	70 - 130	0.761	30	
2,2-Dichloropropane	45.4	1.0	50.000		90.7	70 - 130	3.91	30	
cis-1,2-Dichloroethene	52.8	1.0	50.000		106	70 - 130	5.45	30	
Bromochloromethane	52.4	1.0	50.000		105	70 - 130	5.46	30	
Chloroform	53.0	1.0	50.000		106	70 - 130	4.54	30	
Tetrahydrofuran	44.7	4.0	50.000		89.5	70 - 130	6.82	30	
1,1,1-Trichloroethane	46.7	1.0	50.000		93.4	70 - 130	4.69	30	
tert-Amyl methyl ether (TAME)	49.5	5.0	50.000		99.0	70 - 130	6.79	30	
Carbon Tetrachloride	47.1	1.0	50.000		94.1	70 - 130	6.81	30	
1,1-Dichloropropene	47.7	1.0	50.000		95.4	70 - 130	5.67	30	
Benzene	51.2	1.0	50.000		102	70 - 130	6.02	30	
1,2-Dichloroethane	44.2	1.0	50.000		88.4	70 - 130	6.69	30	
Trichloroethene	45.8	1.0	50.000		91.6	70 - 130	6.98	30	
1,2-Dichloropropane	54.5	1.0	50.000		109	70 - 130	11.2	30	
Dibromomethane	49.2	1.0	50.000		98.4	70 - 130	8.30	30	
Bromodichloromethane	48.9	0.50	50.000		97.7	70 - 130	5.45	30	
Methyl Isobutyl Ketone	106	25	100.000		106	70 - 130	7.00	30	
cis-1,3-Dichloropropene	51.5	0.50	50.000		103	70 - 130	8.86	30	
Toluene	49.2	1.0	50.000		98.5	70 - 130	5.34	30	
trans-1,3-Dichloropropene	50.9	0.50	50.000		102	70 - 130	9.86	30	
2-Hexanone	106	25	100.000		106	70 - 130	8.83	30	
1,1,2-Trichloroethane	50.9	1.0	50.000		102	70 - 130	6.77	30	
Tetrachloroethene	45.4	1.0	50.000		90.7	70 - 130	6.86	30	
1,3-Dichloropropane	52.5	0.50	50.000		105	70 - 130	4.48	30	
Dibromochloromethane	50.5	0.50	50.000		101	70 - 130	4.50	30	
1,2-Dibromoethane	53.0	0.50	50.000		106	70 - 130	4.54	30	
trans-1,4-Dichloro-2-Butene	50.3	10	50.000		101	70 - 130	0.438	30	
Chlorobenzene	52.5	1.0	50.000		105	70 - 130	4.48	30	
1,1,1,2-Tetrachloroethane	51.8	1.0	50.000		104	70 - 130	3.88	30	
Ethylbenzene	52.0	1.0	50.000		104	70 - 130	4.12	30	
m+p Xylenes	107	1.0	100.000		107	70 - 130	6.22	30	
o-Xylene	49.8	1.0	50.000		99.7	70 - 130	5.56	30	
Styrene	54.3	1.0	50.000		109	70 - 130	5.32	30	
Bromoform	50.5	1.0	50.000		101	70 - 130	6.95	30	
Isopropylbenzene	52.2	1.0	50.000		104	70 - 130	5.82	30	

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Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BE41563-BSD1) - Continued					Prepared: 5/15/2024 Analyzed: 5/15/2024				
1,1,2,2-Tetrachloroethane	54.8	0.50	50.000		110	70 - 130	3.58	30	
Bromobenzene	55.7	1.0	50.000		111	70 - 130	3.36	30	
1,2,3-Trichloropropane	49.1	1.0	50.000		98.2	70 - 130	0.730	30	
n-Propylbenzene	57.5	1.0	50.000		115	70 - 130	5.78	30	
2-Chlorotoluene	57.1	1.0	50.000		114	70 - 130	6.56	30	
4-Chlorotoluene	56.9	1.0	50.000		114	70 - 130	6.16	30	
1,3,5-Trimethylbenzene	55.5	1.0	50.000		111	70 - 130	4.57	30	
tert-Butylbenzene	54.4	1.0	50.000		109	70 - 130	7.16	30	
1,2,4-Trimethylbenzene	54.7	1.0	50.000		109	70 - 130	6.34	30	
sec-Butylbenzene	56.7	1.0	50.000		113	70 - 130	7.52	30	
1,3-Dichlorobenzene	52.4	1.0	50.000		105	70 - 130	4.85	30	
4-Isopropyltoluene	53.8	1.0	50.000		108	70 - 130	4.74	30	
1,4-Dichlorobenzene	50.5	1.0	50.000		101	70 - 130	6.32	30	
1,2-Dichlorobenzene	54.6	1.0	50.000		109	70 - 130	7.53	30	
n-Butylbenzene	56.2	1.0	50.000		112	70 - 130	5.78	30	
1,2-Dibromo-3-Chloropropane	50.1	1.0	50.000		100	70 - 130	6.94	30	
1,2,4-Trichlorobenzene	53.4	1.0	50.000		107	70 - 130	11.0	30	
Hexachlorobutadiene	51.1	0.45	50.000		102	70 - 130	8.76	30	
Naphthalene	51.4	1.0	50.000		103	70 - 130	7.93	30	
1,2,3-Trichlorobenzene	51.1	1.0	50.000		102	70 - 130	8.71	30	
Ethyl Ether	ND	25				70 - 130		30	**L**
Surrogate: 1,2-Dichloroethane-d4					*107*	*70 - 130*			
Surrogate: Toluene-d8					*101*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*93.6*	*70 - 130*			

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Batch BE41565 - Modified EPA 8260B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41565-BLK1)					Prepared: 5/15/2024 Analyzed: 5/15/2024				
1,4-Dioxane	ND	2.5							
Surrogate: 1,4-Dioxane-d8					*96.7*	*70 - 130*			
LCS (BE41565-BS1)					Prepared: 5/15/2024 Analyzed: 5/15/2024				
1,4-Dioxane	109	2.5	100.000		109	70 - 130			
Surrogate: 1,4-Dioxane-d8					*91.5*	*70 - 130*			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Batch BE41612 - EPA 8270E

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41612-BLK1)					Prepared: 5/16/2024 Analyzed: 5/17/2024				
Naphthalene	ND	1.0							
2-Methyl Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Fluorene	ND	1.0							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Fluoranthene	ND	1.0							
Pyrene	ND	1.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	0.50							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.20							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: Nitrobenzene-d5					*39.6*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*45.4*	*30 - 130*			
Surrogate: Terphenyl-d14					*111*	*30 - 130*			
LCS (BE41612-BS1)					Prepared: 5/16/2024 Analyzed: 5/17/2024				
Naphthalene	1.16	1.0	2.000		58.0	40 - 140			
2-Methyl Naphthalene	1.22	1.0	2.000		61.0	40 - 140			
Acenaphthylene	1.22	0.30	2.000		61.0	40 - 140			
Acenaphthene	1.31	1.0	2.000		65.5	40 - 140			
Fluorene	1.26	1.0	2.000		63.0	40 - 140			
Phenanthrene	1.35	0.077	2.000		67.5	40 - 140			
Anthracene	1.44	1.0	2.000		72.0	40 - 140			
Fluoranthene	1.85	1.0	2.000		92.5	40 - 140			
Pyrene	1.85	1.0	2.000		92.5	40 - 140			
Benzo[a]anthracene	1.91	0.060	2.000		95.5	40 - 140			
Chrysene	1.92	0.50	2.000		96.0	40 - 140			
Benzo[b]fluoranthene	1.69	0.080	2.000		84.5	40 - 140			
Benzo[k]fluoranthene	1.96	0.30	2.000		98.0	40 - 140			
Benzo[a]pyrene	1.82	0.20	2.000		91.0	40 - 140			
Indeno[1,2,3-cd]pyrene	1.85	0.10	2.000		92.5	40 - 140			
Dibenz[a,h]anthracene	1.80	0.10	2.000		90.0	40 - 140			
Benzo[g,h,i]perylene	1.93	0.40	2.000		96.5	40 - 140			
Surrogate: Nitrobenzene-d5					*47.4*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*50.6*	*30 - 130*			
Surrogate: Terphenyl-d14					*110*	*30 - 130*			
LCS Dup (BE41612-BSD1)					Prepared: 5/16/2024 Analyzed: 5/17/2024				
Naphthalene	1.44	1.0	2.000		72.0	40 - 140	**21.5**	20	**D**
2-Methyl Naphthalene	1.40	1.0	2.000		70.0	40 - 140	13.7	20	
Acenaphthylene	1.41	0.30	2.000		70.5	40 - 140	14.4	20	
Acenaphthene	1.51	1.0	2.000		75.5	40 - 140	14.2	20	
Fluorene	1.52	1.0	2.000		76.0	40 - 140	18.7	20	
Phenanthrene	1.55	0.077	2.000		77.5	40 - 140	13.8	20	
Anthracene	1.62	1.0	2.000		81.0	40 - 140	11.8	20	
Fluoranthene	1.77	1.0	2.000		88.5	40 - 140	4.42	20	

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Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BE41612-BSD1) - Continued					Prepared: 5/16/2024 Analyzed: 5/17/2024				
Pyrene	1.73	1.0	2.000		86.5	40 - 140	6.70	20	
Benzo[a]anthracene	1.89	0.060	2.000		94.5	40 - 140	1.05	20	
Chrysene	1.92	0.50	2.000		96.0	40 - 140	0.00	20	
Benzo[b]fluoranthene	1.65	0.080	2.000		82.5	40 - 140	2.40	20	
Benzo[k]fluoranthene	1.98	0.30	2.000		99.0	40 - 140	1.02	20	
Benzo[a]pyrene	1.80	0.20	2.000		90.0	40 - 140	1.10	20	
Indeno[1,2,3-cd]pyrene	1.81	0.10	2.000		90.5	40 - 140	2.19	20	
Dibenz[a,h]anthracene	1.81	0.10	2.000		90.5	40 - 140	0.554	20	
Benzo[g,h,i]perylene	1.97	0.40	2.000		98.5	40 - 140	2.05	20	
Surrogate: Nitrobenzene-d5					*65.0*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*68.2*	*30 - 130*			
Surrogate: Terphenyl-d14					*100*	*30 - 130*			

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Batch BE41615 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41615-BLK1)					Prepared: 5/16/2024 Analyzed: 5/16/2024				
ETPH	ND	0.10							
Surrogate: Octacosane					*90.2*	*50 - 150*			
LCS (BE41615-BS1)					Prepared: 5/16/2024 Analyzed: 5/16/2024				
ETPH	0.518	0.10	0.500		104	60 - 120			
Surrogate: Octacosane					*76.1*	*50 - 150*			
LCS Dup (BE41615-BSD1)					Prepared: 5/16/2024 Analyzed: 5/16/2024				
ETPH	0.537	0.10	0.500		107	60 - 120	3.54	30	
Surrogate: Octacosane					*78.4*	*50 - 150*			

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Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Batch BE41619 - EPA 8270E

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41619-BLK1)					Prepared: 5/16/2024 Analyzed: 5/16/2024				
Phenol	ND	4.0							
1,3-Dichlorobenzene	ND	4.0							
n-Nitroso-di-n-propylamine	ND	4.0							
Pyridine	ND	4.0							
n-Nitroso-dimethylamine	ND	4.0							
bis(2-Chloroethyl)ether	ND	4.0							
Aniline	ND	4.0							
2-Chlorophenol	ND	4.0							
1,4-Dichlorobenzene	ND	4.0							
Benzyl Alcohol	ND	4.0							
1,2-Dichlorobenzene	ND	4.0							
bis(2-Chloroisopropyl)ether	ND	4.0							
Hexachloroethane	ND	3.0							
2-Methyl Phenol	ND	4.0							
3+4 Methyl Phenol	ND	4.0							
Naphthalene	ND	1.0							
2-Nitrophenol	ND	4.0							
2,4-Dichlorophenol	ND	4.0							
Hexachlorobutadiene	ND	4.0							
4-Chloro-3-methylphenol	ND	4.0							
Nitrobenzene	ND	4.0							
Isophorone	ND	4.0							
2,4-Dimethylphenol	ND	4.0							
bis(2-Chloroethoxy)methane	ND	4.0							
Benzoic Acid	ND	4.0							
1,2,4-Trichlorobenzene	ND	4.0							
2,6-Dichlorophenol	ND	4.0							
4-Chloroaniline	ND	4.0							
1,2,4,5-Tetrachlorobenzene	ND	4.0							
2-Methyl Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Dibenzofuran	ND	4.0							
Fluorene	ND	1.0							
Hexachlorocyclopentadiene	ND	4.0							
2,4,6-Trichlorophenol	ND	4.0							
2,4,5-Trichlorophenol	ND	4.0							
2,4-Dinitrophenol	ND	4.0							
4-Nitrophenol	ND	4.0							
2-Chloronaphthalene	ND	4.0							
2-Nitroaniline	ND	4.0							
Dimethylphthalate	ND	4.0							
2,6-Dinitrotoluene	ND	4.0							
4-Nitroaniline	ND	4.0							
2,4-Dinitrotoluene	ND	4.0							
2,3,4,6-Tetrachlorophenol	ND	4.0							
4-Chlorophenyl-phenylether	ND	4.0							
Diethylphthalate	ND	4.0							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Carbazole	ND	1.0							
Fluoranthene	ND	1.0							

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Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41619-BLK1) - Continued					Prepared: 5/16/2024 Analyzed: 5/16/2024				
Pyrene	ND	1.0							
n-Nitrosodiphenylamine	ND	4.0							
Pentachlorophenol	ND	1.0							
3-Nitroaniline	ND	4.0							
4,6-Dinitro-2-methylphenol	ND	4.0							
1,2-Diphenylhydrazine	ND	4.0							
4-Bromophenyl-phenylether	ND	4.0							
Hexachlorobenzene	ND	0.077							
Pentachloronitrobenzene	ND	4.0							
Di-n-butylphthalate	ND	4.0							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	0.50							
Butylbenzylphthalate	ND	4.0							
3,3-Dichlorobenzidine	ND	4.0							
bis(2-Ethylhexyl)phthalate	ND	2.0							
Di-n-octylphthalate	ND	4.0							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.20							
Indeno[1,2,3-cd]pyrene	ND	0.10							
Dibenz[a,h]anthracene	ND	0.10							
Benzo[g,h,i]perylene	ND	0.40							
Surrogate: 2-Fluorophenol					*34.9*	*15 - 110*			
Surrogate: Phenol-d6					*24.6*	*15 - 110*			
Surrogate: Nitrobenzene-d5					*74.7*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*75.4*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*93.5*	*15 - 110*			
Surrogate: Terphenyl-d14					*118*	*30 - 130*			
LCS (BE41619-BS1)					Prepared: 5/16/2024 Analyzed: 5/16/2024				
Phenol	8.92	4.0	30.000		**29.7**	30 - 130			**L**
1,3-Dichlorobenzene	24.1	4.0	30.000		80.2	40 - 140			
n-Nitroso-di-n-propylamine	26.3	4.0	30.000		87.5	40 - 140			
Pyridine	12.5	4.0	30.000		41.6	40 - 140			
n-Nitroso-dimethylamine	14.5	4.0	30.000		48.4	40 - 140			
bis(2-Chloroethyl)ether	26.0	4.0	30.000		86.6	40 - 140			
Aniline	20.8	4.0	30.000		69.4	40 - 140			
2-Chlorophenol	20.9	4.0	30.000		69.6	30 - 130			
1,4-Dichlorobenzene	24.3	4.0	30.000		80.8	40 - 140			
Benzyl Alcohol	21.5	4.0	30.000		71.6	30 - 130			
1,2-Dichlorobenzene	24.2	4.0	30.000		80.7	40 - 140			
bis(2-Chloroisopropyl)ether	24.6	4.0	30.000		81.9	40 - 140			
Hexachloroethane	24.1	3.0	30.000		80.2	40 - 140			
2-Methyl Phenol	19.4	4.0	30.000		64.6	30 - 130			
3+4 Methyl Phenol	16.6	4.0	30.000		55.4	30 - 130			
Naphthalene	23.8	1.0	30.000		79.3	40 - 140			
2-Nitrophenol	24.5	4.0	30.000		81.8	30 - 130			
2,4-Dichlorophenol	25.2	4.0	30.000		83.8	30 - 130			
Hexachlorobutadiene	25.1	4.0	30.000		83.7	40 - 140			
4-Chloro-3-methylphenol	24.9	4.0	30.000		82.8	30 - 130			
Nitrobenzene	25.0	4.0	30.000		83.4	40 - 140			
Isophorone	27.5	4.0	30.000		91.7	40 - 140			
2,4-Dimethylphenol	21.6	4.0	30.000		72.1	30 - 130			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE41619-BS1) - Continued					Prepared: 5/16/2024 Analyzed: 5/16/2024				
bis(2-Chloroethoxy)methane	29.3	4.0	30.000		97.5	40 - 140			
Benzoic Acid	10.0	4.0	30.000		33.4	30 - 130			
1,2,4-Trichlorobenzene	25.2	4.0	30.000		84.1	40 - 140			
2,6-Dichlorophenol	26.6	4.0	30.000		88.7	30 - 130			
4-Chloroaniline	29.5	4.0	30.000		98.4	40 - 140			
1,2,4,5-Tetrachlorobenzene	25.2	4.0	30.000		84.1	40 - 140			
2-Methyl Naphthalene	24.7	1.0	30.000		82.2	40 - 140			
Acenaphthylene	24.5	0.30	30.000		81.8	40 - 140			
Acenaphthene	25.3	1.0	30.000		84.5	40 - 140			
Dibenzofuran	28.1	4.0	30.000		93.7	40 - 140			
Fluorene	27.2	1.0	30.000		90.6	40 - 140			
Hexachlorocyclopentadiene	23.8	4.0	30.000		79.2	40 - 140			
2,4,6-Trichlorophenol	24.9	4.0	30.000		83.0	30 - 130			
2,4,5-Trichlorophenol	25.2	4.0	30.000		84.1	30 - 130			
2,4-Dinitrophenol	26.4	4.0	30.000		87.8	30 - 130			
4-Nitrophenol	10.6	4.0	30.000		35.4	30 - 130			
2-Chloronaphthalene	24.0	4.0	30.000		80.1	40 - 140			
2-Nitroaniline	27.4	4.0	30.000		91.4	40 - 140			
Dimethylphthalate	26.7	4.0	30.000		88.8	40 - 140			
2,6-Dinitrotoluene	26.8	4.0	30.000		89.2	40 - 140			
4-Nitroaniline	26.1	4.0	30.000		86.9	40 - 140			
2,4-Dinitrotoluene	26.8	4.0	30.000		89.4	40 - 140			
2,3,4,6-Tetrachlorophenol	27.2	4.0	30.000		90.7	30 - 130			
4-Chlorophenyl-phenylether	26.5	4.0	30.000		88.4	40 - 140			
Diethylphthalate	28.7	4.0	30.000		95.6	40 - 140			
Phenanthrene	27.7	0.077	30.000		92.4	40 - 140			
Anthracene	27.4	1.0	30.000		91.2	40 - 140			
Carbazole	27.8	1.0	30.000		92.7	40 - 140			
Fluoranthene	29.2	1.0	30.000		97.2	40 - 140			
Pyrene	27.9	1.0	30.000		93.0	40 - 140			
n-Nitrosodiphenylamine	28.3	4.0	30.000		94.4	40 - 140			
Pentachlorophenol	24.5	1.0	30.000		81.6	30 - 130			
3-Nitroaniline	26.4	4.0	30.000		87.9	40 - 140			
4,6-Dinitro-2-methylphenol	28.6	4.0	30.000		95.2	30 - 130			
1,2-Diphenylhydrazine	27.1	4.0	30.000		90.4	40 - 140			
4-Bromophenyl-phenylether	27.5	4.0	30.000		91.6	40 - 140			
Hexachlorobenzene	27.7	0.077	30.000		92.3	40 - 140			
Pentachloronitrobenzene	31.4	4.0	30.000		105	40 - 140			
Di-n-butylphthalate	30.7	4.0	30.000		102	40 - 140			
Benzo[a]anthracene	32.2	0.060	30.000		107	40 - 140			
Chrysene	31.7	0.50	30.000		106	40 - 140			
Butylbenzylphthalate	34.6	4.0	30.000		115	40 - 140			
3,3-Dichlorobenzidine	30.4	4.0	30.000		101	40 - 140			
bis(2-Ethylhexyl)phthalate	34.9	2.0	30.000		116	40 - 140			
Di-n-octylphthalate	36.0	4.0	30.000		120	40 - 140			
Benzo[b]fluoranthene	28.7	0.080	30.000		95.7	40 - 140			
Benzo[k]fluoranthene	32.1	0.30	30.000		107	40 - 140			
Benzo[a]pyrene	29.9	0.20	30.000		99.7	40 - 140			
Indeno[1,2,3-cd]pyrene	30.5	0.10	30.000		102	40 - 140			
Dibenz[a,h]anthracene	30.9	0.10	30.000		103	40 - 140			
Benzo[g,h,i]perylene	31.9	0.40	30.000		106	40 - 140			
Surrogate: 2-Fluorophenol					*41.8*	*15 - 110*			
Surrogate: Phenol-d6					*29.8*	*15 - 110*			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE41619-BS1) - Continued					Prepared: 5/16/2024 Analyzed: 5/16/2024				
Surrogate: Nitrobenzene-d5					*84.5*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*84.3*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*101*	*15 - 110*			
Surrogate: Terphenyl-d14					*113*	*30 - 130*			
LCS Dup (BE41619-BSD1)					Prepared: 5/16/2024 Analyzed: 5/16/2024				
Phenol	8.62	4.0	30.000		28.7	30 - 130	3.42	20	**L**
1,3-Dichlorobenzene	23.4	4.0	30.000		78.0	40 - 140	2.74	20	
n-Nitroso-di-n-propylamine	25.5	4.0	30.000		85.0	40 - 140	2.90	20	
Pyridine	12.0	4.0	30.000		40.1	40 - 140	3.67	20	
n-Nitroso-dimethylamine	14.7	4.0	30.000		49.0	40 - 140	1.30	20	
bis(2-Chloroethyl)ether	26.0	4.0	30.000		86.6	40 - 140	0.0385	20	
Aniline	18.8	4.0	30.000		62.6	40 - 140	10.3	20	
2-Chlorophenol	19.9	4.0	30.000		66.4	30 - 130	4.76	20	
1,4-Dichlorobenzene	23.9	4.0	30.000		79.6	40 - 140	1.50	20	
Benzyl Alcohol	21.4	4.0	30.000		71.4	30 - 130	0.373	20	
1,2-Dichlorobenzene	24.1	4.0	30.000		80.5	40 - 140	0.248	20	
bis(2-Chloroisopropyl)ether	24.3	4.0	30.000		81.1	40 - 140	0.941	20	
Hexachloroethane	24.5	3.0	30.000		81.8	40 - 140	1.93	20	
2-Methyl Phenol	18.0	4.0	30.000		59.9	30 - 130	7.50	20	
3+4 Methyl Phenol	16.1	4.0	30.000		53.6	30 - 130	3.36	20	
Naphthalene	23.9	1.0	30.000		79.6	40 - 140	0.336	20	
2-Nitrophenol	23.7	4.0	30.000		78.8	30 - 130	3.65	20	
2,4-Dichlorophenol	24.6	4.0	30.000		81.8	30 - 130	2.41	20	
Hexachlorobutadiene	25.6	4.0	30.000		85.2	40 - 140	1.78	20	
4-Chloro-3-methylphenol	23.6	4.0	30.000		78.7	30 - 130	5.12	20	
Nitrobenzene	25.7	4.0	30.000		85.7	40 - 140	2.76	20	
Isophorone	27.2	4.0	30.000		90.8	40 - 140	0.987	20	
2,4-Dimethylphenol	21.3	4.0	30.000		71.0	30 - 130	1.58	20	
bis(2-Chloroethoxy)methane	29.4	4.0	30.000		98.1	40 - 140	0.545	20	
Benzoic Acid	8.60	4.0	30.000		28.7	30 - 130	15.2	20	**L**
1,2,4-Trichlorobenzene	25.2	4.0	30.000		84.1	40 - 140	0.0793	20	
2,6-Dichlorophenol	25.8	4.0	30.000		85.8	30 - 130	3.25	20	
4-Chloroaniline	29.0	4.0	30.000		96.6	40 - 140	1.81	20	
1,2,4,5-Tetrachlorobenzene	24.2	4.0	30.000		80.6	40 - 140	4.17	20	
2-Methyl Naphthalene	23.6	1.0	30.000		78.6	40 - 140	4.52	20	
Acenaphthylene	23.3	0.30	30.000		77.5	40 - 140	5.31	20	
Acenaphthene	25.0	1.0	30.000		83.2	40 - 140	1.51	20	
Dibenzofuran	26.8	4.0	30.000		89.4	40 - 140	4.70	20	
Fluorene	25.8	1.0	30.000		85.9	40 - 140	5.25	20	
Hexachlorocyclopentadiene	23.7	4.0	30.000		78.9	40 - 140	0.295	20	
2,4,6-Trichlorophenol	24.4	4.0	30.000		81.3	30 - 130	2.07	20	
2,4,5-Trichlorophenol	24.5	4.0	30.000		81.8	30 - 130	2.73	20	
2,4-Dinitrophenol	24.1	4.0	30.000		80.5	30 - 130	8.75	20	
4-Nitrophenol	9.92	4.0	30.000		33.1	30 - 130	6.72	20	
2-Chloronaphthalene	23.4	4.0	30.000		77.9	40 - 140	2.83	20	
2-Nitroaniline	26.8	4.0	30.000		89.4	40 - 140	2.25	20	
Dimethylphthalate	25.4	4.0	30.000		84.8	40 - 140	4.65	20	
2,6-Dinitrotoluene	26.4	4.0	30.000		87.9	40 - 140	1.51	20	
4-Nitroaniline	25.0	4.0	30.000		83.2	40 - 140	4.35	20	
2,4-Dinitrotoluene	26.4	4.0	30.000		87.9	40 - 140	1.65	20	
2,3,4,6-Tetrachlorophenol	25.2	4.0	30.000		84.0	30 - 130	7.59	20	
4-Chlorophenyl-phenylether	25.9	4.0	30.000		86.5	40 - 140	2.25	20	
Diethylphthalate	26.4	4.0	30.000		87.9	40 - 140	8.43	20	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BE41619-BSD1) - Continued					Prepared: 5/16/2024 Analyzed: 5/16/2024				
Phenanthrene	26.1	0.077	30.000		86.9	40 - 140	6.13	20	
Anthracene	25.9	1.0	30.000		86.2	40 - 140	5.60	20	
Carbazole	26.3	1.0	30.000		87.7	40 - 140	5.58	20	
Fluoranthene	27.4	1.0	30.000		91.3	40 - 140	6.23	20	
Pyrene	26.3	1.0	30.000		87.5	40 - 140	6.09	20	
n-Nitrosodiphenylamine	26.5	4.0	30.000		88.2	40 - 140	6.76	20	
Pentachlorophenol	23.5	1.0	30.000		78.3	30 - 130	4.17	20	
3-Nitroaniline	24.7	4.0	30.000		82.3	40 - 140	6.54	20	
4,6-Dinitro-2-methylphenol	27.1	4.0	30.000		90.5	30 - 130	5.06	20	
1,2-Diphenylhydrazine	25.2	4.0	30.000		84.0	40 - 140	7.38	20	
4-Bromophenyl-phenylether	26.4	4.0	30.000		88.0	40 - 140	3.97	20	
Hexachlorobenzene	26.1	0.077	30.000		87.1	40 - 140	5.79	20	
Pentachloronitrobenzene	31.1	4.0	30.000		104	40 - 140	0.736	20	
Di-n-butylphthalate	28.5	4.0	30.000		95.1	40 - 140	7.26	20	
Benzo[a]anthracene	32.2	0.060	30.000		107	40 - 140	0.0931	20	
Chrysene	31.3	0.50	30.000		104	40 - 140	1.27	20	
Butylbenzylphthalate	34.3	4.0	30.000		114	40 - 140	0.843	20	
3,3-Dichlorobenzidine	31.2	4.0	30.000		104	40 - 140	2.60	20	
bis(2-Ethylhexyl)phthalate	34.3	2.0	30.000		114	40 - 140	1.56	20	
Di-n-octylphthalate	36.1	4.0	30.000		120	40 - 140	0.278	20	
Benzo[b]fluoranthene	27.3	0.080	30.000		91.0	40 - 140	5.11	20	
Benzo[k]fluoranthene	31.4	0.30	30.000		105	40 - 140	2.36	20	
Benzo[a]pyrene	28.9	0.20	30.000		96.2	40 - 140	3.57	20	
Indeno[1,2,3-cd]pyrene	29.4	0.10	30.000		98.0	40 - 140	3.54	20	
Dibenz[a,h]anthracene	29.6	0.10	30.000		98.5	40 - 140	4.37	20	
Benzo[g,h,i]perylene	31.3	0.40	30.000		104	40 - 140	1.74	20	
Surrogate: 2-Fluorophenol					*39.4*	*15 - 110*			
Surrogate: Phenol-d6					*27.9*	*15 - 110*			
Surrogate: Nitrobenzene-d5					*85.5*	*30 - 130*			
Surrogate: 2-Fluorobiphenyl					*82.6*	*30 - 130*			
Surrogate: 2,4,6-Tribromophenol					*92.8*	*15 - 110*			
Surrogate: Terphenyl-d14					*114*	*30 - 130*			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Batch BE41705 - EPA 245.2

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41705-BLK1)					Prepared: 5/17/2024 Analyzed: 5/17/2024				
Mercury	ND	0.00020							
LCS (BE41705-BS1)					Prepared: 5/17/2024 Analyzed: 5/17/2024				
Mercury	0.00458	0.00020	0.005		91.6	85 - 115			
LCS Dup (BE41705-BSD1)					Prepared: 5/17/2024 Analyzed: 5/17/2024				
Mercury	0.00469	0.00020	0.005		93.7	85 - 115	2.25	20	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Batch BE41706 - EPA 245.2

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41706-BLK1)					Prepared: 5/17/2024 Analyzed: 5/17/2024				
Mercury	ND	0.00020							
LCS (BE41706-BS1)					Prepared: 5/17/2024 Analyzed: 5/17/2024				
Mercury	0.00477	0.00020	0.005		95.4	85 - 115			
LCS Dup (BE41706-BSD1)					Prepared: 5/17/2024 Analyzed: 5/17/2024				
Mercury	0.00484	0.00020	0.005		96.9	85 - 115	1.54	20	
Duplicate (BE41706-DUP1)		**Source: 24E0417-02**			Prepared: 5/17/2024 Analyzed: 5/17/2024				
Mercury	ND	0.00020		ND				20	
Matrix Spike (BE41706-MS1)		**Source: 24E0417-02**			Prepared: 5/17/2024 Analyzed: 5/17/2024				
Mercury	0.00490	0.00020	0.005	ND	97.9	70 - 130			
Matrix Spike Dup (BE41706-MSD1)		**Source: 24E0417-02**			Prepared: 5/17/2024 Analyzed: 5/17/2024				
Mercury	0.00490	0.00020	0.005	ND	98.1	70 - 130	0.153	20	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Batch BE41713 - Modified EPA 8260B

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41713-BLK1)					Prepared: 5/17/2024 Analyzed: 5/17/2024				
1,4-Dioxane	ND	2.5							
Surrogate: 1,4-Dioxane-d8					*91.0*	*70 - 130*			
LCS (BE41713-BS1)					Prepared: 5/17/2024 Analyzed: 5/17/2024				
1,4-Dioxane	108	2.5	100.000		108	70 - 130			
Surrogate: 1,4-Dioxane-d8					*109*	*70 - 130*			
Matrix Spike (BE41713-MS1)		**Source: 24E0417-03**			Prepared: 5/17/2024 Analyzed: 5/17/2024				
1,4-Dioxane	114	2.5	100.000	ND	114	70 - 130			
Surrogate: 1,4-Dioxane-d8					*96.4*	*70 - 130*			
Matrix Spike Dup (BE41713-MSD1)		**Source: 24E0417-03**			Prepared: 5/17/2024 Analyzed: 5/17/2024				
1,4-Dioxane	136	2.5	100.000	ND	**136**	70 - 130	17.3	30	**H**
Surrogate: 1,4-Dioxane-d8					*101*	*70 - 130*			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Batch BE41714 - EPA 8260D

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41714-BLK1)					Prepared: 5/17/2024 Analyzed: 5/17/2024				
Dichlorodifluoromethane	ND	10							
Chloromethane	ND	2.7							
Vinyl Chloride	ND	1.6							
Bromomethane	ND	1.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	25							
Acetone	ND	50							
Acrylonitrile	ND	0.50							
Trichlorotrifluoroethane	ND	25							
1,1-Dichloroethene	ND	1.0							
t-Butanol	ND	20							
Methylene Chloride	ND	5.0							
Carbon Disulfide	ND	1.0							
Methyl-t-Butyl Ether (MTBE)	ND	5.0							
trans-1,2-Dichloroethene	ND	1.0							
Di-isopropyl ether	ND	1.0							
1,1-Dichloroethane	ND	1.0							
t-Butyl ethyl ether	ND	1.0							
2-Butanone (MEK)	ND	25							
2,2-Dichloropropane	ND	1.0							
cis-1,2-Dichloroethene	ND	1.0							
Bromochloromethane	ND	1.0							
Chloroform	ND	1.0							
Tetrahydrofuran	ND	4.0							
1,1,1-Trichloroethane	ND	1.0							
tert-Amyl methyl ether (TAME)	ND	5.0							
Carbon Tetrachloride	ND	1.0							
1,1-Dichloropropene	ND	1.0							
Benzene	ND	1.0							
1,2-Dichloroethane	ND	1.0							
Trichloroethene	ND	1.0							
1,2-Dichloropropane	ND	1.0							
Dibromomethane	ND	1.0							
Bromodichloromethane	ND	0.50							
Methyl Isobutyl Ketone	ND	25							
cis-1,3-Dichloropropene	ND	0.50							
Toluene	ND	1.0							
trans-1,3-Dichloropropene	ND	0.50							
2-Hexanone	ND	25							
1,1,2-Trichloroethane	ND	1.0							
Tetrachloroethene	ND	1.0							
1,3-Dichloropropane	ND	0.50							
Dibromochloromethane	ND	0.50							
1,2-Dibromoethane	ND	0.50							
trans-1,4-Dichloro-2-Butene	ND	10							
Chlorobenzene	ND	1.0							
1,1,1,2-Tetrachloroethane	ND	1.0							
Ethylbenzene	ND	1.0							
m+p Xylenes	ND	1.0							
o-Xylene	ND	1.0							
Styrene	ND	1.0							
Bromoform	ND	1.0							

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41714-BLK1) - Continued					Prepared: 5/17/2024 Analyzed: 5/17/2024				
Isopropylbenzene	ND	1.0							
1,1,2,2-Tetrachloroethane	ND	0.50							
Bromobenzene	ND	1.0							
1,2,3-Trichloropropane	ND	1.0							
n-Propylbenzene	ND	1.0							
2-Chlorotoluene	ND	1.0							
4-Chlorotoluene	ND	1.0							
1,3,5-Trimethylbenzene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,2,4-Trimethylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
n-Butylbenzene	ND	1.0							
1,2-Dibromo-3-Chloropropane	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
Hexachlorobutadiene	ND	0.45							
Naphthalene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							
Ethyl Ether	ND	25							
Surrogate: 1,2-Dichloroethane-d4					*109*	*70 - 130*			
Surrogate: Toluene-d8					*103*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*90.9*	*70 - 130*			
LCS (BE41714-BS1)					Prepared: 5/17/2024 Analyzed: 5/17/2024				
Dichlorodifluoromethane	36.2	10	50.000		72.4	70 - 130			
Chloromethane	49.6	2.7	50.000		99.3	70 - 130			
Vinyl Chloride	48.1	1.6	50.000		96.2	70 - 130			
Bromomethane	42.4	1.0	50.000		84.7	70 - 130			
Chloroethane	47.3	5.0	50.000		94.5	70 - 130			
Trichlorofluoromethane	45.1	25	50.000		90.2	70 - 130			
Acetone	89.1	50	100.000		89.1	70 - 130			
Acrylonitrile	42.5	0.50	50.000		84.9	70 - 130			
Trichlorotrifluoroethane	40.8	25	50.000		81.5	70 - 130			
1,1-Dichloroethene	41.7	1.0	50.000		83.4	70 - 130			
t-Butanol	339	20	500.000		**67.8**	70 - 130			**L**
Methylene Chloride	42.5	5.0	50.000		84.9	70 - 130			
Carbon Disulfide	39.3	1.0	50.000		78.6	70 - 130			
Methyl-t-Butyl Ether (MTBE)	42.4	5.0	50.000		84.9	70 - 130			
trans-1,2-Dichloroethene	44.5	1.0	50.000		89.0	70 - 130			
Di-isopropyl ether	47.0	1.0	50.000		94.1	70 - 130			
1,1-Dichloroethane	46.4	1.0	50.000		92.7	70 - 130			
t-Butyl ethyl ether	43.9	1.0	50.000		87.8	70 - 130			
2-Butanone (MEK)	87.9	25	100.000		87.9	70 - 130			
2,2-Dichloropropane	40.4	1.0	50.000		80.7	70 - 130			
cis-1,2-Dichloroethene	44.6	1.0	50.000		89.3	70 - 130			
Bromochloromethane	44.4	1.0	50.000		88.8	70 - 130			
Chloroform	44.4	1.0	50.000		88.8	70 - 130			
Tetrahydrofuran	37.2	4.0	50.000		74.4	70 - 130			
1,1,1-Trichloroethane	39.7	1.0	50.000		79.3	70 - 130			
tert-Amyl methyl ether (TAME)	42.0	5.0	50.000		83.9	70 - 130			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE41714-BS1) - Continued					Prepared: 5/17/2024 Analyzed: 5/17/2024				
Carbon Tetrachloride	39.1	1.0	50.000		78.2	70 - 130			
1,1-Dichloropropene	40.6	1.0	50.000		81.3	70 - 130			
Benzene	44.2	1.0	50.000		88.3	70 - 130			
1,2-Dichloroethane	38.1	1.0	50.000		76.2	70 - 130			
Trichloroethene	38.5	1.0	50.000		77.1	70 - 130			
1,2-Dichloropropane	45.9	1.0	50.000		91.8	70 - 130			
Dibromomethane	39.6	1.0	50.000		79.3	70 - 130			
Bromodichloromethane	42.2	0.50	50.000		84.3	70 - 130			
Methyl Isobutyl Ketone	91.3	25	100.000		91.3	70 - 130			
cis-1,3-Dichloropropene	43.5	0.50	50.000		86.9	70 - 130			
Toluene	42.3	1.0	50.000		84.6	70 - 130			
trans-1,3-Dichloropropene	42.1	0.50	50.000		84.1	70 - 130			
2-Hexanone	92.3	25	100.000		92.3	70 - 130			
1,1,2-Trichloroethane	41.0	1.0	50.000		82.1	70 - 130			
Tetrachloroethene	38.3	1.0	50.000		76.6	70 - 130			
1,3-Dichloropropane	44.8	0.50	50.000		89.6	70 - 130			
Dibromochloromethane	42.7	0.50	50.000		85.3	70 - 130			
1,2-Dibromoethane	45.1	0.50	50.000		90.3	70 - 130			
trans-1,4-Dichloro-2-Butene	44.8	10	50.000		89.7	70 - 130			
Chlorobenzene	45.4	1.0	50.000		90.8	70 - 130			
1,1,1,2-Tetrachloroethane	43.5	1.0	50.000		87.0	70 - 130			
Ethylbenzene	46.1	1.0	50.000		92.3	70 - 130			
m+p Xylenes	92.7	1.0	100.000		92.7	70 - 130			
o-Xylene	46.1	1.0	50.000		92.3	70 - 130			
Styrene	44.2	1.0	50.000		88.3	70 - 130			
Bromoform	39.3	1.0	50.000		78.5	70 - 130			
Isopropylbenzene	45.3	1.0	50.000		90.5	70 - 130			
1,1,2,2-Tetrachloroethane	48.3	0.50	50.000		96.6	70 - 130			
Bromobenzene	46.4	1.0	50.000		92.7	70 - 130			
1,2,3-Trichloropropane	42.4	1.0	50.000		84.8	70 - 130			
n-Propylbenzene	49.1	1.0	50.000		98.1	70 - 130			
2-Chlorotoluene	47.8	1.0	50.000		95.6	70 - 130			
4-Chlorotoluene	48.0	1.0	50.000		96.0	70 - 130			
1,3,5-Trimethylbenzene	46.5	1.0	50.000		93.0	70 - 130			
tert-Butylbenzene	44.3	1.0	50.000		88.6	70 - 130			
1,2,4-Trimethylbenzene	44.9	1.0	50.000		89.9	70 - 130			
sec-Butylbenzene	47.1	1.0	50.000		94.2	70 - 130			
1,3-Dichlorobenzene	43.6	1.0	50.000		87.2	70 - 130			
4-Isopropyltoluene	46.0	1.0	50.000		91.9	70 - 130			
1,4-Dichlorobenzene	41.3	1.0	50.000		82.6	70 - 130			
1,2-Dichlorobenzene	44.9	1.0	50.000		89.7	70 - 130			
n-Butylbenzene	48.4	1.0	50.000		96.9	70 - 130			
1,2-Dibromo-3-Chloropropane	38.7	1.0	50.000		77.5	70 - 130			
1,2,4-Trichlorobenzene	44.8	1.0	50.000		89.7	70 - 130			
Hexachlorobutadiene	44.7	0.45	50.000		89.5	70 - 130			
Naphthalene	42.4	1.0	50.000		84.9	70 - 130			
1,2,3-Trichlorobenzene	42.2	1.0	50.000		84.3	70 - 130			
Ethyl Ether	ND	25				70 - 130			**L**
Surrogate: 1,2-Dichloroethane-d4					*103*	*70 - 130*			
Surrogate: Toluene-d8					*101*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*91.5*	*70 - 130*			
LCS Dup (BE41714-BSD1)					Prepared: 5/17/2024 Analyzed: 5/17/2024				

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
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Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BE41714-BSD1) - Continued					Prepared: 5/17/2024 Analyzed: 5/17/2024				
Dichlorodifluoromethane	38.4	10	50.000		76.7	70 - 130	5.79	30	
Chloromethane	52.2	2.7	50.000		104	70 - 130	5.09	30	
Vinyl Chloride	50.3	1.6	50.000		101	70 - 130	4.41	30	
Bromomethane	47.3	1.0	50.000		94.6	70 - 130	11.0	30	
Chloroethane	49.4	5.0	50.000		98.9	70 - 130	4.51	30	
Trichlorofluoromethane	48.5	25	50.000		97.0	70 - 130	7.28	30	
Acetone	92.9	50	100.000		92.9	70 - 130	4.15	30	
Acrylonitrile	43.7	0.50	50.000		87.3	70 - 130	2.76	30	
Trichlorotrifluoroethane	46.2	25	50.000		92.4	70 - 130	12.5	30	
1,1-Dichloroethene	48.1	1.0	50.000		96.1	70 - 130	14.2	30	
t-Butanol	350	20	500.000		70.1	70 - 130	3.28	30	
Methylene Chloride	47.1	5.0	50.000		94.1	70 - 130	10.3	30	
Carbon Disulfide	44.9	1.0	50.000		89.7	70 - 130	13.3	30	
Methyl-t-Butyl Ether (MTBE)	47.9	5.0	50.000		95.8	70 - 130	12.1	30	
trans-1,2-Dichloroethene	48.9	1.0	50.000		97.8	70 - 130	9.46	30	
Di-isopropyl ether	52.3	1.0	50.000		105	70 - 130	10.6	30	
1,1-Dichloroethane	51.5	1.0	50.000		103	70 - 130	10.5	30	
t-Butyl ethyl ether	49.4	1.0	50.000		98.8	70 - 130	11.7	30	
2-Butanone (MEK)	93.2	25	100.000		93.2	70 - 130	5.86	30	
2,2-Dichloropropane	45.8	1.0	50.000		91.7	70 - 130	12.7	30	
cis-1,2-Dichloroethene	50.2	1.0	50.000		100	70 - 130	11.7	30	
Bromochloromethane	48.9	1.0	50.000		97.7	70 - 130	9.57	30	
Chloroform	50.3	1.0	50.000		101	70 - 130	12.4	30	
Tetrahydrofuran	39.5	4.0	50.000		78.9	70 - 130	5.92	30	
1,1,1-Trichloroethane	46.3	1.0	50.000		92.5	70 - 130	15.4	30	
tert-Amyl methyl ether (TAME)	48.0	5.0	50.000		96.0	70 - 130	13.5	30	
Carbon Tetrachloride	45.7	1.0	50.000		91.4	70 - 130	15.5	30	
1,1-Dichloropropene	46.7	1.0	50.000		93.4	70 - 130	13.9	30	
Benzene	50.8	1.0	50.000		102	70 - 130	13.9	30	
1,2-Dichloroethane	42.3	1.0	50.000		84.5	70 - 130	10.4	30	
Trichloroethene	44.6	1.0	50.000		89.3	70 - 130	14.7	30	
1,2-Dichloropropane	52.2	1.0	50.000		104	70 - 130	12.9	30	
Dibromomethane	47.2	1.0	50.000		94.4	70 - 130	17.4	30	
Bromodichloromethane	49.6	0.50	50.000		99.1	70 - 130	16.1	30	
Methyl Isobutyl Ketone	97.1	25	100.000		97.1	70 - 130	6.16	30	
cis-1,3-Dichloropropene	50.3	0.50	50.000		101	70 - 130	14.6	30	
Toluene	49.5	1.0	50.000		99.1	70 - 130	15.8	30	
trans-1,3-Dichloropropene	49.7	0.50	50.000		99.5	70 - 130	16.8	30	
2-Hexanone	101	25	100.000		101	70 - 130	8.56	30	
1,1,2-Trichloroethane	48.1	1.0	50.000		96.1	70 - 130	15.8	30	
Tetrachloroethene	45.6	1.0	50.000		91.2	70 - 130	17.5	30	
1,3-Dichloropropane	51.2	0.50	50.000		102	70 - 130	13.3	30	
Dibromochloromethane	50.4	0.50	50.000		101	70 - 130	16.6	30	
1,2-Dibromoethane	52.6	0.50	50.000		105	70 - 130	15.3	30	
trans-1,4-Dichloro-2-Butene	49.9	10	50.000		99.8	70 - 130	10.7	30	
Chlorobenzene	53.2	1.0	50.000		106	70 - 130	15.9	30	
1,1,1,2-Tetrachloroethane	53.1	1.0	50.000		106	70 - 130	20.0	30	
Ethylbenzene	53.7	1.0	50.000		107	70 - 130	15.1	30	
m+p Xylenes	109	1.0	100.000		109	70 - 130	16.4	30	
o-Xylene	50.6	1.0	50.000		101	70 - 130	9.22	30	
Styrene	56.1	1.0	50.000		112	70 - 130	23.8	30	
Bromoform	48.3	1.0	50.000		96.6	70 - 130	20.7	30	
Isopropylbenzene	53.2	1.0	50.000		106	70 - 130	16.2	30	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
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Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS Dup (BE41714-BSD1) - Continued					Prepared: 5/17/2024 Analyzed: 5/17/2024				
1,1,2,2-Tetrachloroethane	55.9	0.50	50.000		112	70 - 130	14.6	30	
Bromobenzene	57.0	1.0	50.000		114	70 - 130	20.6	30	
1,2,3-Trichloropropane	49.3	1.0	50.000		98.5	70 - 130	14.9	30	
n-Propylbenzene	58.4	1.0	50.000		117	70 - 130	17.3	30	
2-Chlorotoluene	57.0	1.0	50.000		114	70 - 130	17.4	30	
4-Chlorotoluene	56.6	1.0	50.000		113	70 - 130	16.5	30	
1,3,5-Trimethylbenzene	55.9	1.0	50.000		112	70 - 130	18.4	30	
tert-Butylbenzene	54.0	1.0	50.000		108	70 - 130	19.8	30	
1,2,4-Trimethylbenzene	54.2	1.0	50.000		108	70 - 130	18.7	30	
sec-Butylbenzene	56.7	1.0	50.000		113	70 - 130	18.5	30	
1,3-Dichlorobenzene	52.6	1.0	50.000		105	70 - 130	18.8	30	
4-Isopropyltoluene	54.3	1.0	50.000		109	70 - 130	16.7	30	
1,4-Dichlorobenzene	50.6	1.0	50.000		101	70 - 130	20.3	30	
1,2-Dichlorobenzene	54.5	1.0	50.000		109	70 - 130	19.3	30	
n-Butylbenzene	56.8	1.0	50.000		114	70 - 130	15.9	30	
1,2-Dibromo-3-Chloropropane	45.3	1.0	50.000		90.6	70 - 130	15.6	30	
1,2,4-Trichlorobenzene	55.3	1.0	50.000		111	70 - 130	20.9	30	
Hexachlorobutadiene	53.3	0.45	50.000		107	70 - 130	17.4	30	
Naphthalene	51.1	1.0	50.000		102	70 - 130	18.5	30	
1,2,3-Trichlorobenzene	52.1	1.0	50.000		104	70 - 130	21.2	30	
Ethyl Ether	ND	25				70 - 130		30	**L**
Surrogate: 1,2-Dichloroethane-d4					*101*	*70 - 130*			
Surrogate: Toluene-d8					*100*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*92.7*	*70 - 130*			
Matrix Spike (BE41714-MS1)		**Source: 24E0417-03**			Prepared: 5/17/2024 Analyzed: 5/17/2024				
Dichlorodifluoromethane	28.2	10	50.000	ND	**56.3**	70 - 130			**L**
Chloromethane	43.4	2.7	50.000	ND	86.8	70 - 130			
Vinyl Chloride	45.3	1.6	50.000	ND	90.5	70 - 130			
Bromomethane	39.5	1.0	50.000	ND	79.1	70 - 130			
Chloroethane	47.5	5.0	50.000	ND	94.9	70 - 130			
Trichlorofluoromethane	43.5	25	50.000	ND	87.0	70 - 130			
Acetone	55.1	50	100.000	ND	**55.1**	70 - 130			**L**
Acrylonitrile	49.6	0.50	50.000	ND	99.1	70 - 130			
Trichlorotrifluoroethane	48.1	25	50.000	ND	96.2	70 - 130			
1,1-Dichloroethene	48.2	1.0	50.000	ND	96.4	70 - 130			
t-Butanol	416	20	500.000	ND	83.2	70 - 130			
Methylene Chloride	69.0	5.0	50.000	ND	**138**	70 - 130			**H**
Carbon Disulfide	41.8	1.0	50.000	ND	83.5	70 - 130			
Methyl-t-Butyl Ether (MTBE)	49.7	5.0	50.000	ND	99.3	70 - 130			
trans-1,2-Dichloroethene	51.1	1.0	50.000	ND	102	70 - 130			
Di-isopropyl ether	53.8	1.0	50.000	ND	108	70 - 130			
1,1-Dichloroethane	53.1	1.0	50.000	ND	106	70 - 130			
t-Butyl ethyl ether	50.9	1.0	50.000	ND	102	70 - 130			
2-Butanone (MEK)	79.8	25	100.000	ND	79.8	70 - 130			
2,2-Dichloropropane	47.5	1.0	50.000	ND	95.0	70 - 130			
cis-1,2-Dichloroethene	51.7	1.0	50.000	ND	103	70 - 130			
Bromochloromethane	52.3	1.0	50.000	ND	105	70 - 130			
Chloroform	53.5	1.0	50.000	ND	107	70 - 130			
Tetrahydrofuran	43.3	4.0	50.000	ND	86.5	70 - 130			
1,1,1-Trichloroethane	47.0	1.0	50.000	ND	94.0	70 - 130			
tert-Amyl methyl ether (TAME)	49.1	5.0	50.000	ND	98.2	70 - 130			
Carbon Tetrachloride	47.1	1.0	50.000	ND	94.1	70 - 130			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Matrix Spike (BE41714-MS1) - Continued		**Source: 24E0417-03**			Prepared: 5/17/2024 Analyzed: 5/17/2024				
1,1-Dichloropropene	47.9	1.0	50.000	ND	95.9	70 - 130			
Benzene	51.0	1.0	50.000	ND	102	70 - 130			
1,2-Dichloroethane	43.3	1.0	50.000	ND	86.5	70 - 130			
Trichloroethene	44.0	1.0	50.000	ND	88.0	70 - 130			
1,2-Dichloropropane	52.8	1.0	50.000	ND	106	70 - 130			
Dibromomethane	49.7	1.0	50.000	ND	99.3	70 - 130			
Bromodichloromethane	48.7	0.50	50.000	ND	97.3	70 - 130			
Methyl Isobutyl Ketone	103	25	100.000	ND	103	70 - 130			
cis-1,3-Dichloropropene	50.7	0.50	50.000	ND	101	70 - 130			
Toluene	49.6	1.0	50.000	ND	99.2	70 - 130			
trans-1,3-Dichloropropene	48.1	0.50	50.000	ND	96.1	70 - 130			
2-Hexanone	94.9	25	100.000	ND	94.9	70 - 130			
1,1,2-Trichloroethane	49.0	1.0	50.000	ND	97.9	70 - 130			
Tetrachloroethene	45.5	1.0	50.000	ND	90.9	70 - 130			
1,3-Dichloropropane	53.3	0.50	50.000	ND	107	70 - 130			
Dibromochloromethane	48.6	0.50	50.000	ND	97.2	70 - 130			
1,2-Dibromoethane	53.1	0.50	50.000	ND	106	70 - 130			
trans-1,4-Dichloro-2-Butene	48.0	10	50.000	ND	96.1	70 - 130			
Chlorobenzene	52.8	1.0	50.000	ND	106	70 - 130			
1,1,1,2-Tetrachloroethane	52.9	1.0	50.000	ND	106	70 - 130			
Ethylbenzene	52.7	1.0	50.000	ND	105	70 - 130			
m+p Xylenes	106	1.0	100.000	ND	106	70 - 130			
o-Xylene	54.0	1.0	50.000	ND	108	70 - 130			
Styrene	57.5	1.0	50.000	ND	115	70 - 130			
Bromoform	46.7	1.0	50.000	ND	93.5	70 - 130			
Isopropylbenzene	52.7	1.0	50.000	ND	105	70 - 130			
1,1,2,2-Tetrachloroethane	58.9	0.50	50.000	ND	118	70 - 130			
Bromobenzene	55.7	1.0	50.000	ND	111	70 - 130			
1,2,3-Trichloropropane	50.5	1.0	50.000	ND	101	70 - 130			
n-Propylbenzene	58.2	1.0	50.000	ND	116	70 - 130			
2-Chlorotoluene	58.0	1.0	50.000	ND	116	70 - 130			
4-Chlorotoluene	57.2	1.0	50.000	ND	114	70 - 130			
1,3,5-Trimethylbenzene	55.6	1.0	50.000	ND	111	70 - 130			
tert-Butylbenzene	53.8	1.0	50.000	ND	108	70 - 130			
1,2,4-Trimethylbenzene	54.4	1.0	50.000	ND	109	70 - 130			
sec-Butylbenzene	56.1	1.0	50.000	ND	112	70 - 130			
1,3-Dichlorobenzene	53.6	1.0	50.000	ND	107	70 - 130			
4-Isopropyltoluene	54.8	1.0	50.000	ND	110	70 - 130			
1,4-Dichlorobenzene	50.8	1.0	50.000	ND	102	70 - 130			
1,2-Dichlorobenzene	54.3	1.0	50.000	ND	109	70 - 130			
n-Butylbenzene	55.9	1.0	50.000	ND	112	70 - 130			
1,2-Dibromo-3-Chloropropane	45.8	1.0	50.000	ND	91.7	70 - 130			
1,2,4-Trichlorobenzene	50.7	1.0	50.000	ND	101	70 - 130			
Hexachlorobutadiene	51.0	0.45	50.000	ND	102	70 - 130			
Naphthalene	49.1	1.0	50.000	ND	98.2	70 - 130			
1,2,3-Trichlorobenzene	49.5	1.0	50.000	ND	99.0	70 - 130			
Ethyl Ether	ND	25		ND		70 - 130			**L**
Surrogate: 1,2-Dichloroethane-d4					*107*	*70 - 130*			
Surrogate: Toluene-d8					*102*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*91.5*	*70 - 130*			
Matrix Spike Dup (BE41714-MSD1)		**Source: 24E0417-03**			Prepared: 5/17/2024 Analyzed: 5/17/2024				
Dichlorodifluoromethane	31.0	10	50.000	ND	**62.0**	70 - 130	9.63	30	**L**

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
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Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Matrix Spike Dup (BE41714-MSD1) - Continued		**Source: 24E0417-03**			Prepared: 5/17/2024 Analyzed: 5/17/2024				
Chloromethane	49.8	2.7	50.000	ND	99.7	70 - 130	13.7	30	
Vinyl Chloride	51.2	1.6	50.000	ND	102	70 - 130	12.4	30	
Bromomethane	45.7	1.0	50.000	ND	91.3	70 - 130	14.4	30	
Chloroethane	53.5	5.0	50.000	ND	107	70 - 130	11.9	30	
Trichlorofluoromethane	48.7	25	50.000	ND	97.4	70 - 130	11.3	30	
Acetone	65.6	50	100.000	ND	**65.6**	70 - 130	17.4	30	**L**
Acrylonitrile	54.1	0.50	50.000	ND	108	70 - 130	8.78	30	
Trichlorotrifluoroethane	50.6	25	50.000	ND	101	70 - 130	5.08	30	
1,1-Dichloroethene	52.3	1.0	50.000	ND	105	70 - 130	8.08	30	
t-Butanol	484	20	500.000	ND	96.7	70 - 130	15.0	30	
Methylene Chloride	74.4	5.0	50.000	ND	**149**	70 - 130	7.49	30	**H**
Carbon Disulfide	43.8	1.0	50.000	ND	87.5	70 - 130	4.68	30	
Methyl-t-Butyl Ether (MTBE)	53.8	5.0	50.000	ND	108	70 - 130	8.04	30	
trans-1,2-Dichloroethene	55.4	1.0	50.000	ND	111	70 - 130	8.06	30	
Di-isopropyl ether	59.6	1.0	50.000	ND	119	70 - 130	10.1	30	
1,1-Dichloroethane	58.3	1.0	50.000	ND	117	70 - 130	9.34	30	
t-Butyl ethyl ether	55.7	1.0	50.000	ND	111	70 - 130	8.99	30	
2-Butanone (MEK)	91.3	25	100.000	ND	91.3	70 - 130	13.5	30	
2,2-Dichloropropane	50.5	1.0	50.000	ND	101	70 - 130	6.22	30	
cis-1,2-Dichloroethene	55.9	1.0	50.000	ND	112	70 - 130	7.75	30	
Bromochloromethane	57.7	1.0	50.000	ND	115	70 - 130	9.96	30	
Chloroform	57.4	1.0	50.000	ND	115	70 - 130	7.02	30	
Tetrahydrofuran	48.4	4.0	50.000	ND	96.8	70 - 130	11.2	30	
1,1,1-Trichloroethane	47.8	1.0	50.000	ND	95.6	70 - 130	1.60	30	
tert-Amyl methyl ether (TAME)	50.8	5.0	50.000	ND	102	70 - 130	3.42	30	
Carbon Tetrachloride	46.9	1.0	50.000	ND	93.8	70 - 130	0.341	30	
1,1-Dichloropropene	50.3	1.0	50.000	ND	101	70 - 130	4.89	30	
Benzene	53.4	1.0	50.000	ND	107	70 - 130	4.54	30	
1,2-Dichloroethane	45.6	1.0	50.000	ND	91.2	70 - 130	5.24	30	
Trichloroethene	44.7	1.0	50.000	ND	89.4	70 - 130	1.62	30	
1,2-Dichloropropane	57.0	1.0	50.000	ND	114	70 - 130	7.81	30	
Dibromomethane	49.0	1.0	50.000	ND	98.0	70 - 130	1.28	30	
Bromodichloromethane	50.9	0.50	50.000	ND	102	70 - 130	4.44	30	
Methyl Isobutyl Ketone	114	25	100.000	ND	114	70 - 130	9.74	30	
cis-1,3-Dichloropropene	52.6	0.50	50.000	ND	105	70 - 130	3.70	30	
Toluene	51.0	1.0	50.000	ND	102	70 - 130	2.80	30	
trans-1,3-Dichloropropene	52.2	0.50	50.000	ND	104	70 - 130	8.24	30	
2-Hexanone	108	25	100.000	ND	108	70 - 130	12.8	30	
1,1,2-Trichloroethane	53.0	1.0	50.000	ND	106	70 - 130	7.89	30	
Tetrachloroethene	46.4	1.0	50.000	ND	92.8	70 - 130	2.05	30	
1,3-Dichloropropane	55.0	0.50	50.000	ND	110	70 - 130	3.23	30	
Dibromochloromethane	51.9	0.50	50.000	ND	104	70 - 130	6.59	30	
1,2-Dibromoethane	55.6	0.50	50.000	ND	111	70 - 130	4.69	30	
trans-1,4-Dichloro-2-Butene	50.8	10	50.000	ND	102	70 - 130	5.60	30	
Chlorobenzene	54.5	1.0	50.000	ND	109	70 - 130	3.19	30	
1,1,1,2-Tetrachloroethane	53.2	1.0	50.000	ND	106	70 - 130	0.565	30	
Ethylbenzene	55.8	1.0	50.000	ND	112	70 - 130	5.59	30	
m+p Xylenes	111	1.0	100.000	ND	111	70 - 130	4.63	30	
o-Xylene	60.1	1.0	50.000	ND	120	70 - 130	10.9	30	
Styrene	57.1	1.0	50.000	ND	114	70 - 130	0.664	30	
Bromoform	48.1	1.0	50.000	ND	96.2	70 - 130	2.91	30	
Isopropylbenzene	54.2	1.0	50.000	ND	108	70 - 130	2.81	30	
1,1,2,2-Tetrachloroethane	63.3	0.50	50.000	ND	127	70 - 130	7.27	30	

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Matrix Spike Dup (BE41714-MSD1) - Continued		**Source: 24E0417-03**			Prepared: 5/17/2024 Analyzed: 5/17/2024				
Bromobenzene	60.8	1.0	50.000	ND	122	70 - 130	8.79	30	
1,2,3-Trichloropropane	54.9	1.0	50.000	ND	110	70 - 130	8.22	30	
n-Propylbenzene	62.4	1.0	50.000	ND	125	70 - 130	6.90	30	
2-Chlorotoluene	61.3	1.0	50.000	ND	123	70 - 130	5.54	30	
4-Chlorotoluene	61.3	1.0	50.000	ND	123	70 - 130	6.97	30	
1,3,5-Trimethylbenzene	59.6	1.0	50.000	ND	119	70 - 130	6.98	30	
tert-Butylbenzene	56.1	1.0	50.000	ND	112	70 - 130	4.08	30	
1,2,4-Trimethylbenzene	57.8	1.0	50.000	ND	116	70 - 130	6.02	30	
sec-Butylbenzene	59.9	1.0	50.000	ND	120	70 - 130	6.69	30	
1,3-Dichlorobenzene	55.4	1.0	50.000	ND	111	70 - 130	3.36	30	
4-Isopropyltoluene	57.2	1.0	50.000	ND	114	70 - 130	4.18	30	
1,4-Dichlorobenzene	53.5	1.0	50.000	ND	107	70 - 130	5.10	30	
1,2-Dichlorobenzene	56.0	1.0	50.000	ND	112	70 - 130	3.12	30	
n-Butylbenzene	60.5	1.0	50.000	ND	121	70 - 130	7.84	30	
1,2-Dibromo-3-Chloropropane	52.9	1.0	50.000	ND	106	70 - 130	14.3	30	
1,2,4-Trichlorobenzene	54.1	1.0	50.000	ND	108	70 - 130	6.51	30	
Hexachlorobutadiene	51.6	0.45	50.000	ND	103	70 - 130	1.01	30	
Naphthalene	53.3	1.0	50.000	ND	107	70 - 130	8.15	30	
1,2,3-Trichlorobenzene	53.0	1.0	50.000	ND	106	70 - 130	6.85	30	
Ethyl Ether	ND	25		ND		70 - 130		30	**L**
Surrogate: 1,2-Dichloroethane-d4					*108*	*70 - 130*			
Surrogate: Toluene-d8					*101*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*90.0*	*70 - 130*			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Batch BE42021 - EPA 8015B

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42021-BLK1)					Prepared: 5/21/2024 Analyzed: 5/21/2024				
Methanol	ND	1.0							
Isopropanol	ND	1.0							
Ethanol	ND	1.0							
n-Propanol	ND	1.0							
Isobutanol	ND	1.0							
n-Butanol	ND	1.0							
LCS (BE42021-BS1)					Prepared: 5/21/2024 Analyzed: 5/21/2024				
Methanol	8.5	1.0	10.000		85.3	50 - 150			
Isopropanol	10	1.0	10.000		100	50 - 150			
Ethanol	10	1.0	10.000		104	50 - 150			
n-Propanol	10	1.0	10.000		103	50 - 150			
Isobutanol	8.8	1.0	10.000		87.9	50 - 150			
n-Butanol	9.9	1.0	10.000		99.5	50 - 150			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Batch BE42143 - EPA 8015B

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE42143-BLK1)					Prepared: 5/21/2024 Analyzed: 5/21/2024				
Ethylene Glycol	ND	5.0							
Propylene Glycol	ND	5.0							
LCS (BE42143-BS1)					Prepared: 5/21/2024 Analyzed: 5/21/2024				
Ethylene Glycol	42.9	5.0	50.000		85.7	50 - 150			
Propylene Glycol	50.9	5.0	50.000		102	50 - 150			

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Timothy Fusco



Project Manager

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Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24E0417
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-9

Sample Date(s): 05/13/2024

Laboratory Sample ID(s): 24E0417-01 thru 24E0417-11

List RCP Methods Used:

CT-ETPH, EPA 8081B, EPA 8260D, EPA 8270E

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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☑ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 05/22/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

RCP Case Narrative

4- See Exceptions Report Below

6- The client requested a subset of the RCP metals list.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
Phenol	LCS	Low	8.48		28.3	BE41502
Dichlorodifluoromethane	LCS	Low	32.0		63.9	BE41563
Methylene Chloride	LCS	High	93.7		187	BE41563
Dichlorodifluoromethane	LCS DUP	Low	31.9		63.9	BE41563-BSD1
Methylene Chloride	LCS DUP	>RPD	60.8	42.5		BE41563-BSD1
Naphthalene	LCS DUP	>RPD	1.44	21.5		BE41612-BSD1
Phenol	LCS	Low	8.92		29.7	BE41619
Benzoic Acid	LCS DUP	Low	8.60		28.7	BE41619-BSD1
Phenol	LCS DUP	Low	8.62		28.7	BE41619-BSD1
1,4-Dioxane	MSD	High			136	24E0417-03
t-Butanol	LCS	Low	339		67.8	BE41714
Acetone	MS	Low			55.1	24E0417-03
Dichlorodifluoromethane	MS	Low			56.3	24E0417-03
Methylene Chloride	MS	High			138	24E0417-03
Acetone	MSD	Low			65.6	24E0417-03
Dichlorodifluoromethane	MSD	Low			62.0	24E0417-03
Methylene Chloride	MSD	High			149	24E0417-03
1,2-Dichloroethane	CC	Low	39.9		79.8	S4E1614
2,2-Dichloropropane	CC	Low	39.0		78.0	S4E1614
t-Butanol	CC	Low	192		76.7	S4E1614
1,1-Dichloroethene	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Carbon Disulfide	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Methylene Chloride	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Aniline	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Hexachlorocyclopentadiene	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Aniline	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Hexachlorocyclopentadiene	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
Dichlorodifluoromethane	CC	Low	34.4		68.7	S4E2013
t-Butanol	CC	Low	197		78.9	S4E2013
Dichlorodifluoromethane	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				
t-Butanol	ICV	Analyte exceeds method limit of second source standard. Non-directional bias				

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BE41517	S4E1708	24E0417-01	L1985-6MW	CT-ETPH	Water	05/13/2024
BE41517	S4E1708	24E0417-02	L1985-5MW	CT-ETPH	Water	05/13/2024
BE41517	S4E1708	24E0417-03	B1/MW1	CT-ETPH	Water	05/13/2024
BE41615	S4E1708	24E0417-04	B2/MW2	CT-ETPH	Water	05/13/2024
BE41615	S4E1708	24E0417-05	B3/MW3	CT-ETPH	Water	05/13/2024
BE41615	S4E1708	24E0417-06	L1985-10MW	CT-ETPH	Water	05/13/2024
BE41615	S4E1708	24E0417-07	B24/MW6	CT-ETPH	Water	05/13/2024
BE41615	S4E1708	24E0417-08	B4/MW4	CT-ETPH	Water	05/13/2024
BE41615	S4E1708	24E0417-09	B5/MW5	CT-ETPH	Water	05/13/2024
BE41615	S4E1708	24E0417-10	L1985-3MW	CT-ETPH	Water	05/13/2024
BE41615	S4E1708	24E0417-11	B23/MW7	CT-ETPH	Water	05/13/2024
BE41506	S4E1518	24E0417-01	L1985-6MW	EPA 200.7	Water	05/13/2024
BE41506	S4E1518	24E0417-02	L1985-5MW	EPA 200.7	Water	05/13/2024
BE41506	S4E1518	24E0417-03	B1/MW1	EPA 200.7	Water	05/13/2024
BE41506	S4E1518	24E0417-04	B2/MW2	EPA 200.7	Water	05/13/2024
BE41506	S4E1518	24E0417-05	B3/MW3	EPA 200.7	Water	05/13/2024
BE41506	S4E1518	24E0417-06	L1985-10MW	EPA 200.7	Water	05/13/2024
BE41506	S4E1518	24E0417-07	B24/MW6	EPA 200.7	Water	05/13/2024
BE41506	S4E1518	24E0417-08	B4/MW4	EPA 200.7	Water	05/13/2024
BE41506	S4E1518	24E0417-09	B5/MW5	EPA 200.7	Water	05/13/2024
BE41506	S4E1518	24E0417-10	L1985-3MW	EPA 200.7	Water	05/13/2024
BE41506	S4E1518	24E0417-11	B23/MW7	EPA 200.7	Water	05/13/2024
BE41705		24E0417-01	L1985-6MW	EPA 245.2	Water	05/13/2024
BE41706		24E0417-02	L1985-5MW	EPA 245.2	Water	05/13/2024
BE41706		24E0417-03	B1/MW1	EPA 245.2	Water	05/13/2024
BE41706		24E0417-04	B2/MW2	EPA 245.2	Water	05/13/2024
BE41706		24E0417-05	B3/MW3	EPA 245.2	Water	05/13/2024
BE41706		24E0417-06	L1985-10MW	EPA 245.2	Water	05/13/2024
BE41706		24E0417-07	B24/MW6	EPA 245.2	Water	05/13/2024
BE41706		24E0417-08	B4/MW4	EPA 245.2	Water	05/13/2024
BE41706		24E0417-09	B5/MW5	EPA 245.2	Water	05/13/2024
BE41706		24E0417-10	L1985-3MW	EPA 245.2	Water	05/13/2024
BE41706		24E0417-11	B23/MW7	EPA 245.2	Water	05/13/2024
BE42021		24E0417-01	L1985-6MW	EPA 8015B	Water	05/13/2024
BE42021		24E0417-03	B1/MW1	EPA 8015B	Water	05/13/2024
BE42021		24E0417-04	B2/MW2	EPA 8015B	Water	05/13/2024
BE42021		24E0417-05	B3/MW3	EPA 8015B	Water	05/13/2024
BE42021		24E0417-08	B4/MW4	EPA 8015B	Water	05/13/2024
BE42021		24E0417-09	B5/MW5	EPA 8015B	Water	05/13/2024
BE42021		24E0417-10	L1985-3MW	EPA 8015B	Water	05/13/2024
BE42021		24E0417-11	B23/MW7	EPA 8015B	Water	05/13/2024
BE42143		24E0417-05	B3/MW3	EPA 8015B	Water	05/13/2024
BE42143		24E0417-11	B23/MW7	EPA 8015B	Water	05/13/2024
BE41508	S4E1620	24E0417-01	L1985-6MW	EPA 8081B	Water	05/13/2024
BE41508	S4E1620	24E0417-02	L1985-5MW	EPA 8081B	Water	05/13/2024
BE41508	S4E1620	24E0417-03	B1/MW1	EPA 8081B	Water	05/13/2024
BE41508	S4E1620	24E0417-04	B2/MW2	EPA 8081B	Water	05/13/2024
BE41508	S4E1620	24E0417-05	B3/MW3	EPA 8081B	Water	05/13/2024

BE41508	S4E1620	24E0417-06	L1985-10MW	EPA 8081B	Water	05/13/2024
BE41508	S4E1620	24E0417-07	B24/MW6	EPA 8081B	Water	05/13/2024
BE41508	S4E1620	24E0417-08	B4/MW4	EPA 8081B	Water	05/13/2024
BE41508	S4E1620	24E0417-09	B5/MW5	EPA 8081B	Water	05/13/2024
BE41508	S4E1620	24E0417-10	L1985-3MW	EPA 8081B	Water	05/13/2024
BE41508	S4E1620	24E0417-11	B23/MW7	EPA 8081B	Water	05/13/2024
BE41563	S4E1614	24E0417-01	L1985-6MW	EPA 8260D	Water	05/13/2024
BE41563	S4E1614	24E0417-02	L1985-5MW	EPA 8260D	Water	05/13/2024
BE41714	S4E2013	24E0417-03	B1/MW1	EPA 8260D	Water	05/13/2024
BE41714	S4E2013	24E0417-04	B2/MW2	EPA 8260D	Water	05/13/2024
BE41714	S4E2013	24E0417-05	B3/MW3	EPA 8260D	Water	05/13/2024
BE41714	S4E2013	24E0417-06	L1985-10MW	EPA 8260D	Water	05/13/2024
BE41714	S4E2013	24E0417-07	B24/MW6	EPA 8260D	Water	05/13/2024
BE41714	S4E2013	24E0417-08	B4/MW4	EPA 8260D	Water	05/13/2024
BE41714	S4E2013	24E0417-09	B5/MW5	EPA 8260D	Water	05/13/2024
BE41714	S4E2013	24E0417-10	L1985-3MW	EPA 8260D	Water	05/13/2024
BE41714	S4E2013	24E0417-11	B23/MW7	EPA 8260D	Water	05/13/2024
BE41502	S4E1622	24E0417-01	L1985-6MW	EPA 8270E	Water	05/13/2024
BE41502	S4E1622	24E0417-03	B1/MW1	EPA 8270E	Water	05/13/2024
BE41502	S4E1622	24E0417-04	B2/MW2	EPA 8270E	Water	05/13/2024
BE41502	S4E1622	24E0417-05	B3/MW3	EPA 8270E	Water	05/13/2024
BE41502	S4E1622	24E0417-06	L1985-10MW	EPA 8270E	Water	05/13/2024
BE41502	S4E1622	24E0417-07	B24/MW6	EPA 8270E	Water	05/13/2024
BE41502	S4E1622	24E0417-08	B4/MW4	EPA 8270E	Water	05/13/2024
BE41502	S4E1622	24E0417-09	B5/MW5	EPA 8270E	Water	05/13/2024
BE41502	S4E1622	24E0417-10	L1985-3MW	EPA 8270E	Water	05/13/2024
BE41612	S4E1706	24E0417-02	L1985-5MW	EPA 8270E	Water	05/13/2024
BE41619	S4E1711	24E0417-11	B23/MW7	EPA 8270E	Water	05/13/2024
BE41565		24E0417-01	L1985-6MW	Modified EPA 8260B	Water	05/13/2024
BE41565		24E0417-02	L1985-5MW	Modified EPA 8260B	Water	05/13/2024
BE41713		24E0417-03	B1/MW1	Modified EPA 8260B	Water	05/13/2024
BE41713		24E0417-04	B2/MW2	Modified EPA 8260B	Water	05/13/2024
BE41713		24E0417-05	B3/MW3	Modified EPA 8260B	Water	05/13/2024
BE41713		24E0417-06	L1985-10MW	Modified EPA 8260B	Water	05/13/2024
BE41713		24E0417-07	B24/MW6	Modified EPA 8260B	Water	05/13/2024
BE41713		24E0417-08	B4/MW4	Modified EPA 8260B	Water	05/13/2024
BE41713		24E0417-09	B5/MW5	Modified EPA 8260B	Water	05/13/2024
BE41713		24E0417-10	L1985-3MW	Modified EPA 8260B	Water	05/13/2024
BE41713		24E0417-11	B23/MW7	Modified EPA 8260B	Water	05/13/2024

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Water	
ETPH	CT,RI
EPA 200.7 in Water	
Lead	CT,MA,RI
Selenium	CT,MA,RI
Cadmium	CT,MA,RI
Chromium	CT,MA,RI
Arsenic	CT,MA,RI
Barium	CT
Silver	CT,MA,RI
Copper	CT,MA,RI
Nickel	CT,MA,RI
Zinc	CT,MA,RI
EPA 245.2 in Water	
Mercury	CT,MA,RI
EPA 8081B in Water	
Alpha-BHC	CT
Gamma-BHC	CT
Heptachlor	CT
Aldrin	CT
Beta-BHC	CT
Delta-BHC	CT
Heptachlor Epoxide	CT
Endosulfan I	CT
4,4-DDE	CT
Dieldrin	CT
Endrin	CT
4,4-DDD	CT
Endosulfan II	CT
4,4-DDT	CT
Endrin Aldehyde	CT
4,4-Methoxychlor	CT
Endosulfan Sulfate	CT
Endrin Ketone	CT
Chlordane	CT
Toxaphene	CT
Alachlor	CT
EPA 8260D in Water	
Dichlorodifluoromethane	CT
Chloromethane	CT
Vinyl Chloride	CT,NY
Bromomethane	CT,NY
Chloroethane	CT,NY
Trichlorofluoromethane	CT,NY
Acetone	CT,NY
Acrylonitrile	CT
Trichlorotrifluoroethane	CT,NY
1,1-Dichloroethene	CT,NY
t-Butanol	CT

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260D in Water	
Methylene Chloride	CT,NY
Carbon Disulfide	CT
Methyl-t-Butyl Ether (MTBE)	CT,NY
trans-1,2-Dichloroethene	CT,NY
Di-isopropyl ether	CT
1,1-Dichloroethane	CT,NY
t-Butyl ethyl ether	CT
2-Butanone (MEK)	CT,NY
2,2-Dichloropropane	CT,NY
cis-1,2-Dichloroethene	CT,NY
Bromochloromethane	CT,NY
Chloroform	CT,NY
Tetrahydrofuran	CT
1,1,1-Trichloroethane	CT,NY
tert-Amyl methyl ether (TAME)	CT
Carbon Tetrachloride	CT,NY
1,1-Dichloropropene	CT,NY
Benzene	CT,NY
1,2-Dichloroethane	CT,NY
Trichloroethene	CT,NY
1,2-Dichloropropane	CT,NY
Dibromomethane	CT,NY
Bromodichloromethane	CT,NY
Methyl Isobutyl Ketone	CT,NY
cis-1,3-Dichloropropene	CT,NY
Toluene	CT,NY
trans-1,3-Dichloropropene	CT,NY
2-Hexanone	CT,NY
1,1,2-Trichloroethane	CT,NY
Tetrachloroethene	CT,NY
1,3-Dichloropropane	CT,NY
Dibromochloromethane	CT,NY
1,2-Dibromoethane	CT,NY
trans-1,4-Dichloro-2-Butene	CT,NY
Chlorobenzene	CT,NY
1,1,1,2-Tetrachloroethane	CT,NY
Ethylbenzene	CT,NY
m+p Xylenes	CT,NY
o-Xylene	CT,NY
Styrene	CT,NY
Bromoform	CT,NY
Isopropylbenzene	CT,NY
1,1,2,2-Tetrachloroethane	CT,NY
Bromobenzene	CT,NY
1,2,3-Trichloropropane	CT,NY
n-Propylbenzene	CT,NY
2-Chlorotoluene	CT,NY
4-Chlorotoluene	CT,NY
1,3,5-Trimethylbenzene	CT,NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260D in Water	
tert-Butylbenzene	CT,NY
1,2,4-Trimethylbenzene	CT,NY
sec-Butylbenzene	CT,NY
1,3-Dichlorobenzene	CT,NY
4-Isopropyltoluene	CT,NY
1,4-Dichlorobenzene	CT,NY
1,2-Dichlorobenzene	CT,NY
n-Butylbenzene	CT,NY
1,2-Dibromo-3-Chloropropane	CT,NY
1,2,4-Trichlorobenzene	CT,NY
Hexachlorobutadiene	CT,NY
Naphthalene	CT,NY
1,2,3-Trichlorobenzene	CT,NY
EPA 8270E in Water	
Naphthalene	CT
Phenol	CT,NY
1,3-Dichlorobenzene	CT,NY
2-Methyl Naphthalene	CT
n-Nitroso-di-n-propylamine	CT,NY
Acenaphthylene	CT
Pyridine	CT,NY
Acenaphthene	CT
n-Nitroso-dimethylamine	CT,NY
bis(2-Chloroethyl)ether	CT,NY
Aniline	CT,NY
Fluorene	CT
2-Chlorophenol	CT,NY
1,4-Dichlorobenzene	CT,NY
Phenanthrene	CT
Anthracene	CT
Benzyl Alcohol	CT,NY
1,2-Dichlorobenzene	CT,NY
Fluoranthene	CT
bis(2-Chloroisopropyl)ether	CT,NY
Pyrene	CT
Hexachloroethane	CT,NY
2-Methyl Phenol	CT,NY
3+4 Methyl Phenol	CT,NY
Benzo[a]anthracene	CT
Chrysene	CT
Benzo[b]fluoranthene	CT
Naphthalene	CT,NY
2-Nitrophenol	CT,NY
Benzo[k]fluoranthene	CT
2,4-Dichlorophenol	CT,NY
Benzo[a]pyrene	CT
Hexachlorobutadiene	CT,NY
Indeno[1,2,3-cd]pyrene	CT
4-Chloro-3-methylphenol	CT,NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270E in Water	
Dibenz[a,h]anthracene	CT
Benzo[g,h,i]perylene	CT
Nitrobenzene	CT,NY
Isophorone	CT,NY
2,4-Dimethylphenol	CT,NY
bis(2-Chloroethoxy)methane	CT,NY
Benzoic Acid	CT,NY
1,2,4-Trichlorobenzene	CT,NY
2,6-Dichlorophenol	CT,NY
4-Chloroaniline	CT,NY
1,2,4,5-Tetrachlorobenzene	CT,NY
2-Methyl Naphthalene	CT,NY
Acenaphthylene	CT,NY
Acenaphthene	CT,NY
Dibenzofuran	CT,NY
Fluorene	CT,NY
Hexachlorocyclopentadiene	CT,NY
2,4,6-Trichlorophenol	CT,NY
2,4,5-Trichlorophenol	CT,NY
2,4-Dinitrophenol	CT,NY
4-Nitrophenol	CT,NY
2-Chloronaphthalene	CT,NY
2-Nitroaniline	CT,NY
Dimethylphthalate	CT,NY
2,6-Dinitrotoluene	CT,NY
4-Nitroaniline	CT,NY
2,4-Dinitrotoluene	CT,NY
2,3,4,6-Tetrachlorophenol	CT,NY
4-Chlorophenyl-phenylether	CT,NY
Diethylphthalate	CT,NY
Phenanthrene	CT,NY
Anthracene	CT,NY
Carbazole	CT,NY
Fluoranthene	CT,NY
Pyrene	CT,NY
n-Nitrosodiphenylamine	CT,NY
Pentachlorophenol	CT,NY
3-Nitroaniline	CT,NY
4,6-Dinitro-2-methylphenol	CT,NY
1,2-Diphenylhydrazine	CT
4-Bromophenyl-phenylether	CT,NY
Hexachlorobenzene	CT,NY
Pentachloronitrobenzene	CT
Di-n-butylphthalate	CT,NY
Benzo[a]anthracene	CT,NY
Chrysene	CT,NY
Butylbenzylphthalate	CT,NY
3,3-Dichlorobenzidine	CT,NY
bis(2-Ethylhexyl)phthalate	CT,NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8270E in Water	
Di-n-octylphthalate	CT,NY
Benzo[b]fluoranthene	CT,NY
Benzo[k]fluoranthene	CT,NY
Benzo[a]pyrene	CT,NY
Indeno[1,2,3-cd]pyrene	CT,NY
Dibenz[a,h]anthracene	CT,NY
Benzo[g,h,i]perylene	CT,NY
Modified EPA 8260B in Water	
1,4-Dioxane	CT,MA,RI

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024
MA	Massachusetts Laboratory Certification	M-CT903	06/30/2024
NY	New York Certification (NELAC)	11982	04/01/2024
RI	Rhode Island Certification	LAO 00227	12/30/2024

24E0417

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day*, Next Day*, Two Day*, Three Day*, Standard***

Metals: 8 RCRA, 13 Priority Poll., 15 CT DEEP, Total, SPLP, TCLP, Dissolved, Field Filter ☐, Lab Filter ☐

Additional Analysis: 1,4-Dioxane 8260, Alcohol Scan, Ethyl/Propyl Acetate

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day*	Next Day*	Two Day*	Three Day*	Standard***	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	8 RCRA Lw, Ni, Zn	13 Priority Poll.	15 CT DEEP	Total	SPLP	TCLP	Dissolved	Field Filter ☐ Lab Filter ☐	1,4-Dioxane 8260	Alcohol Scan	Ethyl/Propyl Acetate	TOTAL # OF CONT.	NOTE #
L1985-6MW	5/13/24-0905	W					X	X			X	X			X		X								X	X		8	
L1985-5MW	5/13/24-1105	W					X	X			X		X		X		X							X	X			8	1
B1/MW1	5/13/24-1220	W					X	X			X	X			X		X								X	X		8	
B2/MW2	5/13/24-0910	W					X	X			X	X			X		X								X	X		8	
B3/MW3	5/13/24-0900	W					X	X			X	X			X		X								X	X	X	9	
L1985-10MW	5/13/24-1155	W					X	X			X	X			X		X								X			7	
B24/MW6	5/13/24-1200	W					X	X			X	X			X		X								X			7	
B4/MW4	5/13/24-1420	W					X	X			X	X			X		X								X	X		8	
B5/MW5	5/13/24-1500	W					X	X			X	X			X		X								X	X		8	
L1985-3MW	5/13/24-1420	W					X	X			X	X			X		X								X	X		8	
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)								Cl			C	C	C		C		N							N	Cl	C	C	79	
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)								V			G	G	G		G		P							P	V	V	V		
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)																												Running total	79

RELINQUISHED BY: DATE/TIME 5/14/24 0900 RECEIVED BY:
RELINQUISHED BY: DATE/TIME 5/14/24 13:50 RECEIVED BY: 5/14/24 13:50
RELINQUISHED BY: DATE/TIME RECEIVED BY:

NOTES:
1) Please hold field filtered samples for futher analysis

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Ewic Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: E-mail: dangonho@ewic.com, ngan-onowski@ewic.com
Phone #
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills GWM PO #:
Location: Eversource, Windsor CT Project #: 23246-9
CET Quote # 011823-B Collector(s): RO, AA
QA/QC ☐ Std ☐ Site Specific (MS/MSD)* ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format REG Comp Other
Reporting Limits: GA, SWP Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 5 °C Evidence of Cooling: Y N

PAGE 1 OF 2

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. wi start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

24E0417

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only: Date and Time in Freezer | Client: | CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day * | Next Day * | Two Day * | Three Day * | Standard ***

Metals: 8 RCRA (Cr, Ni, Zn) | 13 Priority Poll. | 15 CT DEEP | Total | SPLP | TCLP | Dissolved | Field Filter | Lab Filter ☐ HOLD

Additional Analysis: 1,4 Dioxane 8260 | Alcohol Scan | Ethyl Acetate Butyl

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Standard ***	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	8 RCRA (Cr, Ni, Zn)	13 Priority Poll.	15 CT DEEP	Total	SPLP	TCLP	Dissolved	Field Filter	Lab Filter ☐ HOLD	1,4 Dioxane 8260	Alcohol Scan	Ethyl Acetate Butyl	TOTAL # OF CONT.	NOTE #
B23/MW7	5/13/24 - 1550	W					X	X			X	X			X		X							X	X	X	X		10	1
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)								U			C	C			C		N							N	Q	C	C		10	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)								V			6	6			6		P							P	V	V	V			
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)								/	/	/																		Running total =	89	

RELINQUISHED BY: | DATE/TIME | RECEIVED BY:
5/14/24 0900
RELINQUISHED BY: | DATE/TIME | RECEIVED BY:
5/14/24 13:50 — 5/14/24 13:50
RELINQUISHED BY: | DATE/TIME | RECEIVED BY:

NOTES:
1) Please hold field-filtered samples for future analysis

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvi Inc
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: danpinho@zuvi.com, ryan-onowski@zuvi.com E-mail
Phone #
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blackhill Glen PO #:
Location: Eversource, Windsor, CT Project #: 23245-9
CET Quote # 01023-B Collector(s): RO, AA
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format RE6 Comp Other
Reporting Limits: GA, SWP Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 5 °C Evidence of Cooling: ice N

PAGE 2 OF 2

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dan Pinho
Zuvic, Inc.
40 Cold Spring Road
Rocky Hill, CT 06067

Analytical Report

CET# 24E0435

Report Date:May 21, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

SAMPLE SUMMARY

The sample(s) were received at 4.0ºC.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
L1985-6MW	24E0435-01	Water	5/13/2024 9:05	05/14/2024
L1985-5MW	24E0435-02	Water	5/13/2024 11:05	05/14/2024
B1/MW1	24E0435-03	Water	5/13/2024 12:20	05/14/2024
B2/MW2	24E0435-04	Water	5/13/2024 9:10	05/14/2024
B3/MW3	24E0435-05	Water	5/13/2024 9:00	05/14/2024
L1985-10MW	24E0435-06	Water	5/13/2024 11:55	05/14/2024
B24/MW6	24E0435-07	Water	5/13/2024 12:00	05/14/2024
B4/MW4	24E0435-08	Water	5/13/2024 14:20	05/14/2024
B5/MW5	24E0435-09	Water	5/13/2024 15:00	05/14/2024
L1985-3MW	24E0435-10	Water	5/13/2024 14:20	05/14/2024
B23/MW7	24E0435-11	Water	5/13/2024 15:50	05/14/2024

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-6MW

Lab ID: 24E0435-01

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PFBA	**375-22-4**	**4.1**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFPeA	**2706-90-3**	**2.0**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFHxA	**307-24-4**	**2.1**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFHpA	375-85-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFOA	335-67-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFNA	375-95-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFDA	335-76-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFUnA	2058-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFDoA	307-55-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFTrDA	72629-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFTeDA	376-06-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFBS	375-73-5	ND	4.0	2	EPA 1633	BE41742	05/17/2024	05/18/2024 17:15	
PFPeS	2706-91-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFHxS	355-46-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFHpS	375-92-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFOS	1763-23-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFNS	68259-12-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFDS	335-77-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFDoS	79780-39-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
4:2FTS	757124-72-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
6:2FTS	27619-97-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
8:2FTS	39108-34-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFOSA	754-91-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
NMeFOSA	31506-32-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
NEtFOSA	4151-50-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
NMeFOSE	24448-09-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
NEtFOSE	1691-99-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
HFPO-DA	13252-13-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
ADONA	919005-14-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFMPA	377-73-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFMBA	863090-89-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
NFDHA	151772-58-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
PFEESA	113507-82-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
3:3FTCA	356-02-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	*F1
5:3FTCA	914637-49-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	
7:3FTCA	812-70-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 03:40	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-6MW

Lab ID: 24E0435-01

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: PFBA-13C4		*115 %*		*5 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: PFPeA-13C5		*107 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: PFHxA-13C5		*115 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: PFHpA-13C4		*116 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: PFOA-13C8		*114 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: PFNA-13C9		*107 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: PFDA-13C6		*118 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: PFUnA-13C7		*115 %*		*30 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: PFDoA-13C2		*97.3 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: PFTeDA-13C2		*79.5 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: PFBS-13C3		*42.8 %*		*40 - 135*		BE41742	05/17/2024	*05/18/2024 17:15*	
Surrogate: PFHxS-13C3		*109 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: PFOS-13C8		*111 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: PFOSA-13C8		*108 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: d3-NMeFOSAA		*113 %*		*40 - 170*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: d5-NEtFOSAA		*115 %*		*25 - 135*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: 4:2FTS-13C2		*126 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: 6:2FTS-13C2		*119 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: 8:2FTS-13C2		*116 %*		*40 - 300*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: HFPO-DA-13C3		*95.8 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: D7-NMeFOSE		*103 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: D9-NEtFOSE		*101 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: D5-NEtFOSA		*91.8 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	
Surrogate: D3-NMeFOSA		*94.0 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 03:40*	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-5MW

Lab ID: 24E0435-02

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PFBA	**375-22-4**	**4.3**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFPeA	**2706-90-3**	**5.6**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFHxA	**307-24-4**	**7.7**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFHpA	**375-85-9**	**5.5**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFOA	**335-67-1**	**14**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFNA	375-95-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFDA	335-76-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFUnA	2058-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFDoA	307-55-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFTrDA	72629-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFTeDA	376-06-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFBS	375-73-5	ND	4.0	2	EPA 1633	BE41742	05/17/2024	05/18/2024 17:38	
PFPeS	2706-91-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFHxS	355-46-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFHpS	375-92-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFOS	**1763-23-1**	**3.4**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFNS	68259-12-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFDS	335-77-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFDoS	79780-39-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
4:2FTS	757124-72-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
6:2FTS	27619-97-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
8:2FTS	39108-34-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFOSA	754-91-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
NMeFOSA	31506-32-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
NEtFOSA	4151-50-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
NMeFOSE	24448-09-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
NEtFOSE	1691-99-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
HFPO-DA	13252-13-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
ADONA	919005-14-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFMPA	377-73-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFMBA	863090-89-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
NFDHA	151772-58-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
PFEESA	113507-82-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
3:3FTCA	356-02-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	*F1
5:3FTCA	914637-49-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	
7:3FTCA	812-70-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:02	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-5MW

Lab ID: 24E0435-02

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: PFBA-13C4		*111 %*		*5 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: PFPeA-13C5		*103 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: PFHxA-13C5		*112 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: PFHpA-13C4		*114 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: PFOA-13C8		*112 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: PFNA-13C9		*108 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: PFDA-13C6		*113 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: PFUnA-13C7		*106 %*		*30 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: PFDoA-13C2		*92.7 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: PFTeDA-13C2		*80.9 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: PFBS-13C3		*55.9 %*		*40 - 135*		BE41742	05/17/2024	*05/18/2024 17:38*	
Surrogate: PFHxS-13C3		*108 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: PFOS-13C8		*106 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: PFOSA-13C8		*102 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: d3-NMeFOSAA		*107 %*		*40 - 170*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: d5-NEtFOSAA		*113 %*		*25 - 135*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: 4:2FTS-13C2		*139 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: 6:2FTS-13C2		*128 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: 8:2FTS-13C2		*110 %*		*40 - 300*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: HFPO-DA-13C3		*92.5 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: D7-NMeFOSE		*98.6 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: D9-NEtFOSE		*94.1 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: D5-NEtFOSA		*88.1 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	
Surrogate: D3-NMeFOSA		*87.9 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 04:02*	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B1/MW1

Lab ID: 24E0435-03

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PFBA	**375-22-4**	**2.1**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFPeA	2706-90-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFHxA	**307-24-4**	**2.5**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFHpA	**375-85-9**	**5.9**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFOA	**335-67-1**	**28**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFNA	375-95-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFDA	335-76-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFUnA	2058-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFDoA	307-55-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFTrDA	72629-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFTeDA	376-06-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFBS	375-73-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFPeS	2706-91-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFHxS	355-46-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFHpS	375-92-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFOS	1763-23-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFNS	68259-12-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFDS	335-77-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFDoS	79780-39-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
4:2FTS	757124-72-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
6:2FTS	27619-97-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
8:2FTS	39108-34-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFOSA	754-91-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
NMeFOSA	31506-32-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
NEtFOSA	4151-50-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
NMeFOSE	24448-09-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
NEtFOSE	1691-99-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
HFPO-DA	13252-13-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
ADONA	919005-14-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFMPA	377-73-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFMBA	863090-89-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
NFDHA	151772-58-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
PFEESA	113507-82-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
3:3FTCA	356-02-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	*F1
5:3FTCA	914637-49-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	
7:3FTCA	812-70-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:25	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B1/MW1

Lab ID: 24E0435-03

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: PFBA-13C4		*118 %*	*5 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: PFPeA-13C5		*110 %*	*40 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: PFHxA-13C5		*118 %*	*40 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: PFHpA-13C4		*119 %*	*40 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: PFOA-13C8		*119 %*	*40 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: PFNA-13C9		*116 %*	*40 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: PFDA-13C6		*120 %*	*40 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: PFUnA-13C7		*108 %*	*30 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: PFDoA-13C2		*101 %*	*10 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: PFTeDA-13C2		*85.2 %*	*10 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: PFBS-13C3		*98.2 %*	*40 - 135*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: PFHxS-13C3		*116 %*	*40 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: PFOS-13C8		*117 %*	*40 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: PFOSA-13C8		*110 %*	*40 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: d3-NMeFOSAA		*119 %*	*40 - 170*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: d5-NEtFOSAA		*119 %*	*25 - 135*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: 4:2FTS-13C2		*131 %*	*40 - 200*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: 6:2FTS-13C2		*129 %*	*40 - 200*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: 8:2FTS-13C2		*120 %*	*40 - 300*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: HFPO-DA-13C3		*98.7 %*	*40 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: D7-NMeFOSE		*108 %*	*10 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: D9-NEtFOSE		*102 %*	*10 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: D5-NEtFOSA		*99.2 %*	*10 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	
Surrogate: D3-NMeFOSA		*97.1 %*	*10 - 130*			BE41742	05/17/2024	*05/18/2024 04:25*	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B2/MW2

Lab ID: 24E0435-04

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PFBA	**375-22-4**	**3.6**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFPeA	**2706-90-3**	**3.8**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFHxA	**307-24-4**	**4.1**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFHpA	**375-85-9**	**5.4**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFOA	**335-67-1**	**17**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFNA	375-95-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFDA	335-76-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFUnA	2058-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFDoA	307-55-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFTrDA	72629-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFTeDA	376-06-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFBS	375-73-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFPeS	2706-91-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFHxS	355-46-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFHpS	375-92-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFOS	1763-23-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFNS	68259-12-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFDS	335-77-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFDoS	79780-39-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
4:2FTS	757124-72-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
6:2FTS	27619-97-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
8:2FTS	39108-34-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFOSA	754-91-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
NMeFOSA	31506-32-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
NEtFOSA	4151-50-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
NMeFOSE	24448-09-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
NEtFOSE	1691-99-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
HFPO-DA	13252-13-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
ADONA	919005-14-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFMPA	377-73-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFMBA	863090-89-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
NFDHA	151772-58-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
PFEESA	113507-82-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
3:3FTCA	356-02-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	*F1
5:3FTCA	914637-49-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	
7:3FTCA	812-70-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 04:48	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B2/MW2

Lab ID: 24E0435-04

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: PFBA-13C4		*116 %*		*5 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: PFPeA-13C5		*108 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: PFHxA-13C5		*118 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: PFHpA-13C4		*121 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: PFOA-13C8		*114 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: PFNA-13C9		*111 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: PFDA-13C6		*112 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: PFUnA-13C7		*103 %*		*30 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: PFDoA-13C2		*92.5 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: PFTeDA-13C2		*79.7 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: PFBS-13C3		*123 %*		*40 - 135*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: PFHxS-13C3		*114 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: PFOS-13C8		*113 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: PFOSA-13C8		*108 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: d3-NMeFOSAA		*109 %*		*40 - 170*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: d5-NEtFOSAA		*104 %*		*25 - 135*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: 4:2FTS-13C2		*136 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: 6:2FTS-13C2		*133 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: 8:2FTS-13C2		*118 %*		*40 - 300*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: HFPO-DA-13C3		*96.4 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: D7-NMeFOSE		*103 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: D9-NEtFOSE		*102 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: D5-NEtFOSA		*95.2 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	
Surrogate: D3-NMeFOSA		*98.6 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 04:48*	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B3/MW3

Lab ID: 24E0435-05

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PFBA	**375-22-4**	**2.5**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFPeA	**2706-90-3**	**3.1**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFHxA	**307-24-4**	**2.4**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFHpA	**375-85-9**	**2.9**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFOA	**335-67-1**	**5.6**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFNA	375-95-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFDA	335-76-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFUnA	2058-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFDoA	307-55-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFTrDA	72629-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFTeDA	376-06-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFBS	375-73-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFPeS	2706-91-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFHxS	355-46-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFHpS	375-92-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFOS	1763-23-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFNS	68259-12-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFDS	335-77-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFDoS	79780-39-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
4:2FTS	757124-72-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
6:2FTS	27619-97-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
8:2FTS	39108-34-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFOSA	754-91-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
NMeFOSA	31506-32-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
NEtFOSA	4151-50-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
NMeFOSE	24448-09-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
NEtFOSE	1691-99-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
HFPO-DA	13252-13-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
ADONA	919005-14-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFMPA	377-73-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFMBA	863090-89-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
NFDHA	151772-58-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
PFEESA	113507-82-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
3:3FTCA	356-02-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	*F1
5:3FTCA	914637-49-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	
7:3FTCA	812-70-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:11	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B3/MW3

Lab ID: 24E0435-05

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: PFBA-13C4		*117 %*		*5 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: PFPeA-13C5		*110 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: PFHxA-13C5		*119 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: PFHpA-13C4		*119 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: PFOA-13C8		*116 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: PFNA-13C9		*116 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: PFDA-13C6		*115 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: PFUnA-13C7		*107 %*		*30 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: PFDoA-13C2		*92.3 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: PFTeDA-13C2		*74.8 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: PFBS-13C3		*118 %*		*40 - 135*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: PFHxS-13C3		*114 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: PFOS-13C8		*115 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: PFOSA-13C8		*110 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: d3-NMeFOSAA		*112 %*		*40 - 170*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: d5-NEtFOSAA		*113 %*		*25 - 135*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: 4:2FTS-13C2		*126 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: 6:2FTS-13C2		*129 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: 8:2FTS-13C2		*118 %*		*40 - 300*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: HFPO-DA-13C3		*98.5 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: D7-NMeFOSE		*104 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: D9-NEtFOSE		*96.4 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: D5-NEtFOSA		*88.9 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	
Surrogate: D3-NMeFOSA		*96.8 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:11*	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-10MW

Lab ID: 24E0435-06

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PFBA	**375-22-4**	**3.7**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFPeA	**2706-90-3**	**3.5**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFHxA	**307-24-4**	**3.6**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFHpA	**375-85-9**	**4.6**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFOA	**335-67-1**	**9.0**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFNA	375-95-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFDA	335-76-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFUnA	2058-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFDoA	307-55-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFTrDA	72629-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFTeDA	376-06-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFBS	375-73-5	ND	4.0	2	EPA 1633	BE41742	05/17/2024	05/18/2024 18:01	
PFPeS	2706-91-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFHxS	355-46-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFHpS	375-92-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFOS	1763-23-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFNS	68259-12-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFDS	335-77-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFDoS	79780-39-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
4:2FTS	757124-72-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
6:2FTS	27619-97-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
8:2FTS	39108-34-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFOSA	754-91-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
NMeFOSA	31506-32-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
NEtFOSA	4151-50-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
NMeFOSE	24448-09-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
NEtFOSE	1691-99-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
HFPO-DA	13252-13-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
ADONA	919005-14-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFMPA	377-73-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFMBA	863090-89-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
NFDHA	151772-58-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
PFEESA	113507-82-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
3:3FTCA	356-02-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	*F1
5:3FTCA	914637-49-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	
7:3FTCA	812-70-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:34	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-10MW

Lab ID: 24E0435-06

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: PFBA-13C4		*123 %*		*5 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: PFPeA-13C5		*115 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: PFHxA-13C5		*122 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: PFHpA-13C4		*124 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: PFOA-13C8		*123 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: PFNA-13C9		*119 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: PFDA-13C6		*116 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: PFUnA-13C7		*110 %*		*30 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: PFDoA-13C2		*104 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: PFTeDA-13C2		*87.0 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: PFBS-13C3		*46.5 %*		*40 - 135*		BE41742	05/17/2024	*05/18/2024 18:01*	
Surrogate: PFHxS-13C3		*117 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: PFOS-13C8		*118 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: PFOSA-13C8		*116 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: d3-NMeFOSAA		*124 %*		*40 - 170*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: d5-NEtFOSAA		*122 %*		*25 - 135*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: 4:2FTS-13C2		*127 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: 6:2FTS-13C2		*121 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: 8:2FTS-13C2		*119 %*		*40 - 300*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: HFPO-DA-13C3		*103 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: D7-NMeFOSE		*114 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: D9-NEtFOSE		*109 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: D5-NEtFOSA		*97.5 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	
Surrogate: D3-NMeFOSA		*104 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:34*	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B24/MW6

Lab ID: 24E0435-07

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PFBA	**375-22-4**	**5.4**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFPeA	**2706-90-3**	**7.6**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFHxA	**307-24-4**	**4.8**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFHpA	**375-85-9**	**3.7**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFOA	**335-67-1**	**6.2**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFNA	375-95-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFDA	**335-76-2**	**4.4**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFUnA	2058-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFDoA	307-55-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFTrDA	72629-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFTeDA	376-06-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFBS	375-73-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFPeS	2706-91-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFHxS	355-46-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFHpS	375-92-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFOS	1763-23-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFNS	68259-12-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFDS	335-77-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFDoS	79780-39-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
4:2FTS	757124-72-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
6:2FTS	27619-97-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
8:2FTS	39108-34-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFOSA	754-91-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
NMeFOSA	31506-32-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
NEtFOSA	4151-50-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
NMeFOSE	24448-09-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
NEtFOSE	1691-99-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
HFPO-DA	13252-13-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
ADONA	919005-14-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFMPA	377-73-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFMBA	863090-89-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
NFDHA	151772-58-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
PFEESA	113507-82-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
3:3FTCA	356-02-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	*F1
5:3FTCA	914637-49-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	
7:3FTCA	812-70-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 05:57	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B24/MW6

Lab ID: 24E0435-07

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: PFBA-13C4		*115 %*		*5 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: PFPeA-13C5		*108 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: PFHxA-13C5		*116 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: PFHpA-13C4		*119 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: PFOA-13C8		*110 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: PFNA-13C9		*111 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: PFDA-13C6		*107 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: PFUnA-13C7		*90.4 %*		*30 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: PFDoA-13C2		*76.3 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: PFTeDA-13C2		*61.7 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: PFBS-13C3		*85.7 %*		*40 - 135*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: PFHxS-13C3		*110 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: PFOS-13C8		*111 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: PFOSA-13C8		*101 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: d3-NMeFOSAA		*95.6 %*		*40 - 170*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: d5-NEtFOSAA		*84.3 %*		*25 - 135*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: 4:2FTS-13C2		*122 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: 6:2FTS-13C2		*120 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: 8:2FTS-13C2		*112 %*		*40 - 300*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: HFPO-DA-13C3		*95.1 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: D7-NMeFOSE		*98.3 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: D9-NEtFOSE		*88.9 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: D5-NEtFOSA		*75.7 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	
Surrogate: D3-NMeFOSA		*80.4 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 05:57*	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B4/MW4

Lab ID: 24E0435-08

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PFBA	**375-22-4**	**6.9**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFPeA	**2706-90-3**	**9.1**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFHxA	**307-24-4**	**14**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFHpA	**375-85-9**	**21**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFOA	**335-67-1**	**31**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFNA	375-95-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFDA	335-76-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFUnA	2058-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFDoA	307-55-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFTrDA	72629-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFTeDA	376-06-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFBS	375-73-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFPeS	2706-91-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFHxS	**355-46-4**	**3.3**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFHpS	375-92-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFOS	1763-23-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFNS	68259-12-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFDS	335-77-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFDoS	79780-39-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
4:2FTS	757124-72-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
6:2FTS	27619-97-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
8:2FTS	39108-34-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFOSA	754-91-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
NMeFOSA	31506-32-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
NEtFOSA	4151-50-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
NMeFOSE	24448-09-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
NEtFOSE	1691-99-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
HFPO-DA	13252-13-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
ADONA	919005-14-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFMPA	377-73-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFMBA	863090-89-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
NFDHA	151772-58-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
PFEESA	113507-82-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
3:3FTCA	356-02-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	*F1
5:3FTCA	914637-49-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	
7:3FTCA	812-70-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:20	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B4/MW4

Lab ID: 24E0435-08

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: PFBA-13C4		*122 %*		*5 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: PFPeA-13C5		*113 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: PFHxA-13C5		*122 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: PFHpA-13C4		*124 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: PFOA-13C8		*114 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: PFNA-13C9		*121 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: PFDA-13C6		*117 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: PFUnA-13C7		*104 %*		*30 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: PFDoA-13C2		*82.3 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: PFTeDA-13C2		*71.8 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: PFBS-13C3		*118 %*		*40 - 135*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: PFHxS-13C3		*117 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: PFOS-13C8		*119 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: PFOSA-13C8		*115 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: d3-NMeFOSAA		*112 %*		*40 - 170*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: d5-NEtFOSAA		*101 %*		*25 - 135*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: 4:2FTS-13C2		*138 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: 6:2FTS-13C2		*139 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: 8:2FTS-13C2		*116 %*		*40 - 300*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: HFPO-DA-13C3		*103 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: D7-NMeFOSE		*102 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: D9-NEtFOSE		*92.1 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: D5-NEtFOSA		*84.3 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	
Surrogate: D3-NMeFOSA		*89.1 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 06:20*	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B5/MW5

Lab ID: 24E0435-09

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PFBA	**375-22-4**	**6.0**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFPeA	**2706-90-3**	**11**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFHxA	**307-24-4**	**13**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFHpA	**375-85-9**	**5.7**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFOA	**335-67-1**	**7.7**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFNA	375-95-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFDA	335-76-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFUnA	2058-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFDoA	307-55-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFTrDA	72629-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFTeDA	376-06-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFBS	375-73-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFPeS	2706-91-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFHxS	355-46-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFHpS	375-92-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFOS	1763-23-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFNS	68259-12-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFDS	335-77-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFDoS	79780-39-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
4:2FTS	757124-72-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
6:2FTS	27619-97-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
8:2FTS	39108-34-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFOSA	754-91-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
NMeFOSA	31506-32-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
NEtFOSA	4151-50-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
NMeFOSE	24448-09-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
NEtFOSE	1691-99-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
HFPO-DA	13252-13-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
ADONA	919005-14-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFMPA	377-73-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFMBA	863090-89-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
NFDHA	151772-58-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
PFEESA	113507-82-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
3:3FTCA	356-02-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	*F1
5:3FTCA	914637-49-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	
7:3FTCA	812-70-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 06:43	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B5/MW5

Lab ID: 24E0435-09

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: PFBA-13C4		*116 %*		*5 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: PFPeA-13C5		*107 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: PFHxA-13C5		*114 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: PFHpA-13C4		*117 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: PFOA-13C8		*109 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: PFNA-13C9		*107 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: PFDA-13C6		*117 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: PFUnA-13C7		*94.5 %*		*30 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: PFDoA-13C2		*80.7 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: PFTeDA-13C2		*73.4 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: PFBS-13C3		*130 %*		*40 - 135*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: PFHxS-13C3		*108 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: PFOS-13C8		*112 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: PFOSA-13C8		*105 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: d3-NMeFOSAA		*105 %*		*40 - 170*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: d5-NEtFOSAA		*95.6 %*		*25 - 135*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: 4:2FTS-13C2		*128 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: 6:2FTS-13C2		*119 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: 8:2FTS-13C2		*109 %*		*40 - 300*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: HFPO-DA-13C3		*99.8 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: D7-NMeFOSE		*101 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: D9-NEtFOSE		*92.0 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: D5-NEtFOSA		*80.0 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	
Surrogate: D3-NMeFOSA		*85.1 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 06:43*	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-3MW

Lab ID: 24E0435-10

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PFBA	**375-22-4**	**3.1**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFPeA	**2706-90-3**	**2.6**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFHxA	**307-24-4**	**2.9**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFHpA	**375-85-9**	**3.3**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFOA	**335-67-1**	**12**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFNA	375-95-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFDA	335-76-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFUnA	2058-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFDoA	307-55-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFTrDA	72629-94-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFTeDA	376-06-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFBS	375-73-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFPeS	2706-91-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFHxS	355-46-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFHpS	375-92-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFOS	**1763-23-1**	**36**	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFNS	68259-12-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFDS	335-77-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFDoS	79780-39-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
4:2FTS	757124-72-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
6:2FTS	27619-97-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
8:2FTS	39108-34-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFOSA	754-91-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
NMeFOSA	31506-32-8	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
NEtFOSA	4151-50-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
NMeFOSE	24448-09-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
NEtFOSE	1691-99-2	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
HFPO-DA	13252-13-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
ADONA	919005-14-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFMPA	377-73-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFMBA	863090-89-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
NFDHA	151772-58-6	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
PFEESA	113507-82-7	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
3:3FTCA	356-02-5	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	*F1
5:3FTCA	914637-49-3	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	
7:3FTCA	812-70-4	ND	2.0	1	EPA 1633	BE41742	05/17/2024	05/18/2024 07:06	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID L1985-3MW

Lab ID: 24E0435-10

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: PFBA-13C4		*105 %*		*5 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: PFPeA-13C5		*97.1 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: PFHxA-13C5		*104 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: PFHpA-13C4		*109 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: PFOA-13C8		*99.5 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: PFNA-13C9		*100 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: PFDA-13C6		*106 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: PFUnA-13C7		*96.3 %*		*30 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: PFDoA-13C2		*78.7 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: PFTeDA-13C2		*64.7 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: PFBS-13C3		*123 %*		*40 - 135*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: PFHxS-13C3		*98.4 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: PFOS-13C8		*104 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: PFOSA-13C8		*101 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: d3-NMeFOSAA		*106 %*		*40 - 170*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: d5-NEtFOSAA		*102 %*		*25 - 135*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: 4:2FTS-13C2		*125 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: 6:2FTS-13C2		*121 %*		*40 - 200*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: 8:2FTS-13C2		*108 %*		*40 - 300*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: HFPO-DA-13C3		*85.5 %*		*40 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: D7-NMeFOSE		*90.4 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: D9-NEtFOSE		*77.0 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: D5-NEtFOSA		*74.7 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	
Surrogate: D3-NMeFOSA		*79.3 %*		*10 - 130*		BE41742	05/17/2024	*05/18/2024 07:06*	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B23/MW7

Lab ID: 24E0435-11

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PFBA	375-22-4	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFPeA	2706-90-3	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFHxA	307-24-4	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFHpA	375-85-9	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFOA	335-67-1	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFNA	375-95-1	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFDA	335-76-2	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFUnA	2058-94-8	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFDoA	307-55-1	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFTrDA	72629-94-8	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFTeDA	376-06-7	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFBS	375-73-5	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFPeS	2706-91-4	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFHxS	355-46-4	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFHpS	375-92-8	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFOS	1763-23-1	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFNS	68259-12-1	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFDS	335-77-3	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFDoS	79780-39-5	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
4:2FTS	757124-72-4	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
6:2FTS	27619-97-2	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
8:2FTS	39108-34-4	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFOSA	754-91-6	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
NMeFOSA	31506-32-8	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
NEtFOSA	4151-50-2	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
NMeFOSE	24448-09-7	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
NEtFOSE	1691-99-2	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
HFPO-DA	13252-13-6	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
ADONA	919005-14-4	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFMPA	377-73-1	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFMBA	863090-89-5	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
NFDHA	151772-58-6	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
PFEESA	113507-82-7	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
3:3FTCA	356-02-5	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
5:3FTCA	914637-49-3	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	
7:3FTCA	812-70-4	ND	2.0	1	EPA 1633	BE41743	05/17/2024	05/18/2024 20:18	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID B23/MW7

Lab ID: 24E0435-11

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: PFBA-13C4		*87.8 %*		*5 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: PFPeA-13C5		*81.4 %*		*40 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: PFHxA-13C5		*87.5 %*		*40 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: PFHpA-13C4		*83.9 %*		*40 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: PFOA-13C8		*86.1 %*		*40 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: PFNA-13C9		*82.8 %*		*40 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: PFDA-13C6		*87.4 %*		*40 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: PFUnA-13C7		*77.9 %*		*30 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: PFDoA-13C2		*67.2 %*		*10 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: PFTeDA-13C2		*53.9 %*		*10 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: PFBS-13C3		*78.6 %*		*40 - 135*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: PFHxS-13C3		*85.2 %*		*40 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: PFOS-13C8		*86.8 %*		*40 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: PFOSA-13C8		*79.7 %*		*40 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: d3-NMeFOSAA		*60.5 %*		*40 - 170*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: d5-NEtFOSAA		*58.5 %*		*25 - 135*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: 4:2FTS-13C2		*86.5 %*		*40 - 200*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: 6:2FTS-13C2		*75.3 %*		*40 - 200*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: 8:2FTS-13C2		*70.5 %*		*40 - 300*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: HFPO-DA-13C3		*75.6 %*		*40 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: D7-NMeFOSE		*37.7 %*		*10 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: D9-NEtFOSE		*36.7 %*		*10 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: D5-NEtFOSA		*53.9 %*		*10 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	
Surrogate: D3-NMeFOSA		*57.0 %*		*10 - 130*		BE41743	05/17/2024	*05/18/2024 20:18*	

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

QUALITY CONTROL SECTION

Batch BE41742 - EPA 1633

Analyte	Result (ng/L)	RL (ng/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41742-BLK1)					Prepared: 5/17/2024 Analyzed: 5/17/2024				
PFBA	ND	2.0							
PFPeA	ND	2.0							
PFHxA	ND	2.0							
PFHpA	ND	2.0							
PFOA	ND	2.0							
PFNA	ND	2.0							
PFDA	ND	2.0							
PFUnA	ND	2.0							
PFDoA	ND	2.0							
PFTrDA	ND	2.0							
PFTeDA	ND	2.0							
PFBS	ND	2.0							
PFPeS	ND	2.0							
PFHxS	ND	2.0							
PFHpS	ND	2.0							
PFOS	ND	2.0							
PFNS	ND	2.0							
PFDS	ND	2.0							
PFDoS	ND	2.0							
4:2FTS	ND	2.0							
6:2FTS	ND	2.0							
8:2FTS	ND	2.0							
PFOSA	ND	2.0							
NMeFOSA	ND	2.0							
NEtFOSA	ND	2.0							
NMeFOSAA	ND	2.0							
NEtFOSAA	ND	2.0							
NMeFOSE	ND	2.0							
NEtFOSE	ND	2.0							
HFPO-DA	ND	2.0							
ADONA	ND	2.0							
PFMPA	ND	2.0							
PFMBA	ND	2.0							
NFDHA	ND	2.0							
9Cl-PF3ONS	ND	2.0							
11Cl-PF3OUdS	ND	2.0							
PFEESA	ND	2.0							
3:3FTCA	ND	2.0							
5:3FTCA	ND	2.0							
7:3FTCA	ND	2.0							
Surrogate: PFBA-13C4					*99.9*	*5 - 130*			
Surrogate: PFPeA-13C5					*91.8*	*40 - 130*			
Surrogate: PFHxA-13C5					*101*	*40 - 130*			
Surrogate: PFHpA-13C4					*101*	*40 - 130*			
Surrogate: PFOA-13C8					*103*	*40 - 130*			
Surrogate: PFNA-13C9					*96.0*	*40 - 130*			
Surrogate: PFDA-13C6					*103*	*40 - 130*			
Surrogate: PFUnA-13C7					*102*	*30 - 130*			
Surrogate: PFDoA-13C2					*96.5*	*10 - 130*			

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ng/L)	RL (ng/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41742-BLK1) - Continued					Prepared: 5/17/2024 Analyzed: 5/17/2024				
Surrogate: PFTeDA-13C2					*91.6*	*10 - 130*			
Surrogate: PFBS-13C3					*87.5*	*40 - 135*			
Surrogate: PFHxS-13C3					*97.4*	*40 - 130*			
Surrogate: PFOS-13C8					*99.4*	*40 - 130*			
Surrogate: PFOSA-13C8					*96.7*	*40 - 130*			
Surrogate: d3-NMeFOSAA					*100*	*40 - 170*			
Surrogate: d5-NEtFOSAA					*105*	*25 - 135*			
Surrogate: 4:2FTS-13C2					*102*	*40 - 200*			
Surrogate: 6:2FTS-13C2					*96.7*	*40 - 200*			
Surrogate: 8:2FTS-13C2					*105*	*40 - 300*			
Surrogate: HFPO-DA-13C3					*85.2*	*40 - 130*			
Surrogate: D7-NMeFOSE					*97.0*	*10 - 130*			
Surrogate: D9-NEtFOSE					*95.8*	*10 - 130*			
Surrogate: D5-NEtFOSA					*98.1*	*10 - 130*			
Surrogate: D3-NMeFOSA					*99.1*	*10 - 130*			
LCS (BE41742-BS1)					Prepared: 5/17/2024 Analyzed: 5/17/2024				
PFBA	1.91	1.0	2.000		95.3	70 - 135			
PFPeA	1.78	1.0	2.000		89.2	70 - 135			
PFHxA	1.85	1.0	2.000		92.5	70 - 135			
PFHpA	1.93	1.0	2.000		96.5	70 - 135			
PFOA	1.90	1.0	2.000		95.2	65 - 155			
PFNA	1.95	1.0	2.000		97.6	70 - 140			
PFDA	1.83	1.0	2.000		91.7	65 - 140			
PFUnA	1.84	1.0	2.000		91.9	70 - 135			
PFDoA	1.97	1.0	2.000		98.3	70 - 130			
PFTrDA	1.91	1.0	2.000		95.6	60 - 145			
PFTeDA	1.74	1.0	2.000		87.0	70 - 145			
PFBS	1.84	1.0	2.000		91.8	70 - 140			
PFPeS	1.94	1.0	2.000		96.9	70 - 135			
PFHxS	1.95	1.0	2.000		97.5	70 - 135			
PFHpS	1.81	1.0	2.000		90.3	70 - 140			
PFOS	1.93	1.0	2.000		96.3	70 - 140			
PFNS	1.87	1.0	2.000		93.6	70 - 135			
PFDS	1.81	1.0	2.000		90.5	70 - 135			
PFDoS	1.82	1.0	2.000		91.0	45 - 135			
4:2FTS	1.86	1.0	2.000		93.1	70 - 135			
6:2FTS	2.16	1.0	2.000		108	70 - 135			
8:2FTS	2.41	1.0	2.000		120	70 - 140			
PFOSA	1.84	1.0	2.000		91.9	70 - 135			
NMeFOSA	1.92	1.0	2.000		95.9	70 - 135			
NEtFOSA	1.80	1.0	2.000		90.0	70 - 130			
NMeFOSAA	1.64	1.0	2.000		82.2	65 - 140			
NEtFOSAA	1.77	1.0	2.000		88.6	70 - 135			
NMeFOSE	1.99	1.0	2.000		99.7	70 - 135			
NEtFOSE	1.87	1.0	2.000		93.3	70 - 130			
HFPO-DA	2.32	1.0	2.000		116	70 - 135			
ADONA	2.14	1.0	2.000		107	70 - 135			
PFMPA	1.98	1.0	2.000		99.0	60 - 140			
PFMBA	1.81	1.0	2.000		90.4	65 - 145			
NFDHA	2.29	1.0	2.000		115	65 - 140			
9Cl-PF3ONS	2.02	1.0	2.000		101	70 - 145			
11Cl-PF3OUdS	1.93	1.0	2.000		96.7	50 - 150			

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ng/L)	RL (ng/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE41742-BS1) - Continued					Prepared: 5/17/2024 Analyzed: 5/17/2024				
PFEESA	1.63	1.0	2.000		81.5	70 - 135			
3:3FTCA	1.37	1.0	2.000		**68.6**	70 - 130			**L**
5:3FTCA	1.81	1.0	2.000		90.4	70 - 130			
7:3FTCA	1.70	1.0	2.000		85.2	55 - 135			
Surrogate: PFBA-13C4					*100*	*5 - 130*			
Surrogate: PFPeA-13C5					*94.8*	*40 - 130*			
Surrogate: PFHxA-13C5					*102*	*40 - 130*			
Surrogate: PFHpA-13C4					*103*	*40 - 130*			
Surrogate: PFOA-13C8					*97.5*	*40 - 130*			
Surrogate: PFNA-13C9					*101*	*40 - 130*			
Surrogate: PFDA-13C6					*105*	*40 - 130*			
Surrogate: PFUnA-13C7					*101*	*30 - 130*			
Surrogate: PFDoA-13C2					*95.6*	*10 - 130*			
Surrogate: PFTeDA-13C2					*82.0*	*10 - 130*			
Surrogate: PFBS-13C3					*89.2*	*40 - 135*			
Surrogate: PFHxS-13C3					*99.4*	*40 - 130*			
Surrogate: PFOS-13C8					*103*	*40 - 130*			
Surrogate: PFOSA-13C8					*102*	*40 - 130*			
Surrogate: d3-NMeFOSAA					*105*	*40 - 170*			
Surrogate: d5-NEtFOSAA					*109*	*25 - 135*			
Surrogate: 4:2FTS-13C2					*101*	*40 - 200*			
Surrogate: 6:2FTS-13C2					*96.0*	*40 - 200*			
Surrogate: 8:2FTS-13C2					*98.8*	*40 - 300*			
Surrogate: HFPO-DA-13C3					*86.1*	*40 - 130*			
Surrogate: D7-NMeFOSE					*103*	*10 - 130*			
Surrogate: D9-NEtFOSE					*101*	*10 - 130*			
Surrogate: D5-NEtFOSA					*107*	*10 - 130*			
Surrogate: D3-NMeFOSA					*102*	*10 - 130*			
LCS (BE41742-BS2)					Prepared: 5/17/2024 Analyzed: 5/17/2024				
PFBA	19.2	2.0	20.000		96.0	70 - 135			
PFPeA	19.2	2.0	20.000		95.9	70 - 135			
PFHxA	18.8	2.0	20.000		94.1	70 - 135			
PFHpA	18.8	2.0	20.000		93.8	70 - 135			
PFOA	18.2	2.0	20.000		90.9	65 - 155			
PFNA	19.9	2.0	20.000		99.7	70 - 140			
PFDA	19.3	2.0	20.000		96.5	65 - 140			
PFUnA	18.7	2.0	20.000		93.4	70 - 135			
PFDoA	18.5	2.0	20.000		92.6	70 - 130			
PFTrDA	19.0	2.0	20.000		95.1	60 - 145			
PFTeDA	23.7	2.0	20.000		119	70 - 145			
PFBS	20.0	2.0	20.000		100	70 - 140			
PFPeS	20.4	2.0	20.000		102	70 - 135			
PFHxS	19.0	2.0	20.000		94.9	70 - 135			
PFHpS	18.5	2.0	20.000		92.3	70 - 140			
PFOS	18.9	2.0	20.000		94.4	70 - 140			
PFNS	19.3	2.0	20.000		96.5	70 - 135			
PFDS	18.4	2.0	20.000		91.8	70 - 135			
PFDoS	18.9	2.0	20.000		94.3	45 - 135			
4:2FTS	19.7	2.0	20.000		98.4	70 - 135			
6:2FTS	20.2	2.0	20.000		101	70 - 135			
8:2FTS	23.3	2.0	20.000		116	70 - 140			
PFOSA	19.7	2.0	20.000		98.3	70 - 135			

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ng/L)	RL (ng/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE41742-BS2) - Continued					Prepared: 5/17/2024 Analyzed: 5/17/2024				
NMeFOSA	20.7	2.0	20.000		104	70 - 135			
NEtFOSA	18.7	2.0	20.000		93.6	70 - 130			
NMeFOSAA	19.5	2.0	20.000		97.3	65 - 140			
NEtFOSAA	18.9	2.0	20.000		94.5	70 - 135			
NMeFOSE	20.2	2.0	20.000		101	70 - 135			
NEtFOSE	20.1	2.0	20.000		100	70 - 130			
HFPO-DA	18.6	2.0	20.000		93.1	70 - 135			
ADONA	22.8	2.0	20.000		114	70 - 135			
PFMPA	21.1	2.0	20.000		106	60 - 140			
PFMBA	19.2	2.0	20.000		96.0	65 - 145			
NFDHA	18.5	2.0	20.000		92.6	65 - 140			
9Cl-PF3ONS	21.2	2.0	20.000		106	70 - 145			
11Cl-PF3OUdS	20.4	2.0	20.000		102	50 - 150			
PFEESA	18.8	2.0	20.000		93.9	70 - 135			
3:3FTCA	16.6	2.0	20.000		83.2	70 - 130			
5:3FTCA	18.6	2.0	20.000		93.2	70 - 130			
7:3FTCA	17.2	2.0	20.000		85.9	55 - 135			
Surrogate: PFBA-13C4					*100*	*5 - 130*			
Surrogate: PFPeA-13C5					*94.1*	*40 - 130*			
Surrogate: PFHxA-13C5					*101*	*40 - 130*			
Surrogate: PFHpA-13C4					*99.6*	*40 - 130*			
Surrogate: PFOA-13C8					*103*	*40 - 130*			
Surrogate: PFNA-13C9					*96.2*	*40 - 130*			
Surrogate: PFDA-13C6					*102*	*40 - 130*			
Surrogate: PFUnA-13C7					*102*	*30 - 130*			
Surrogate: PFDoA-13C2					*96.1*	*10 - 130*			
Surrogate: PFTeDA-13C2					*86.6*	*10 - 130*			
Surrogate: PFBS-13C3					*84.2*	*40 - 135*			
Surrogate: PFHxS-13C3					*97.7*	*40 - 130*			
Surrogate: PFOS-13C8					*102*	*40 - 130*			
Surrogate: PFOSA-13C8					*101*	*40 - 130*			
Surrogate: d3-NMeFOSAA					*103*	*40 - 170*			
Surrogate: d5-NEtFOSAA					*108*	*25 - 135*			
Surrogate: 4:2FTS-13C2					*104*	*40 - 200*			
Surrogate: 6:2FTS-13C2					*99.1*	*40 - 200*			
Surrogate: 8:2FTS-13C2					*101*	*40 - 300*			
Surrogate: HFPO-DA-13C3					*86.3*	*40 - 130*			
Surrogate: D7-NMeFOSE					*100*	*10 - 130*			
Surrogate: D9-NEtFOSE					*102*	*10 - 130*			
Surrogate: D5-NEtFOSA					*106*	*10 - 130*			
Surrogate: D3-NMeFOSA					*103*	*10 - 130*			

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Batch BE41743 - EPA 1633

Analyte	Result (ng/L)	RL (ng/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41743-BLK1)					Prepared: 5/17/2024 Analyzed: 5/18/2024				
PFBA	ND	2.0							
PFPeA	ND	2.0							
PFHxA	ND	2.0							
PFHpA	ND	2.0							
PFOA	ND	2.0							
PFNA	ND	2.0							
PFDA	ND	2.0							
PFUnA	ND	2.0							
PFDoA	ND	2.0							
PFTrDA	ND	2.0							
PFTeDA	ND	2.0							
PFBS	ND	2.0							
PFPeS	ND	2.0							
PFHxS	ND	2.0							
PFHpS	ND	2.0							
PFOS	ND	2.0							
PFNS	ND	2.0							
PFDS	ND	2.0							
PFDoS	ND	2.0							
4:2FTS	ND	2.0							
6:2FTS	ND	2.0							
8:2FTS	ND	2.0							
PFOSA	ND	2.0							
NMeFOSA	ND	2.0							
NEtFOSA	ND	2.0							
NMeFOSAA	ND	2.0							
NEtFOSAA	ND	2.0							
NMeFOSE	ND	2.0							
NEtFOSE	ND	2.0							
HFPO-DA	ND	2.0							
ADONA	ND	2.0							
PFMPA	ND	2.0							
PFMBA	ND	2.0							
NFDHA	ND	2.0							
9Cl-PF3ONS	ND	2.0							
11Cl-PF3OUdS	ND	2.0							
PFEESA	ND	2.0							
3:3FTCA	ND	2.0							
5:3FTCA	ND	2.0							
7:3FTCA	ND	2.0							
Surrogate: PFBA-13C4					*100*	*5 - 130*			
Surrogate: PFPeA-13C5					*94.0*	*40 - 130*			
Surrogate: PFHxA-13C5					*101*	*40 - 130*			
Surrogate: PFHpA-13C4					*97.9*	*40 - 130*			
Surrogate: PFOA-13C8					*101*	*40 - 130*			
Surrogate: PFNA-13C9					*98.0*	*40 - 130*			
Surrogate: PFDA-13C6					*104*	*40 - 130*			
Surrogate: PFUnA-13C7					*107*	*30 - 130*			
Surrogate: PFDoA-13C2					*101*	*10 - 130*			
Surrogate: PFTeDA-13C2					*91.9*	*10 - 130*			
Surrogate: PFBS-13C3					*94.7*	*40 - 135*			

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ng/L)	RL (ng/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE41743-BLK1) - Continued					Prepared: 5/17/2024 Analyzed: 5/18/2024				
Surrogate: PFHxS-13C3					*98.2*	*40 - 130*			
Surrogate: PFOS-13C8					*99.5*	*40 - 130*			
Surrogate: PFOSA-13C8					*94.8*	*40 - 130*			
Surrogate: d3-NMeFOSAA					*102*	*40 - 170*			
Surrogate: d5-NEtFOSAA					*106*	*25 - 135*			
Surrogate: 4:2FTS-13C2					*101*	*40 - 200*			
Surrogate: 6:2FTS-13C2					*102*	*40 - 200*			
Surrogate: 8:2FTS-13C2					*96.7*	*40 - 300*			
Surrogate: HFPO-DA-13C3					*80.0*	*40 - 130*			
Surrogate: D7-NMeFOSE					*95.9*	*10 - 130*			
Surrogate: D9-NEtFOSE					*89.7*	*10 - 130*			
Surrogate: D5-NEtFOSA					*95.3*	*10 - 130*			
Surrogate: D3-NMeFOSA					*96.8*	*10 - 130*			
LCS (BE41743-BS1)					Prepared: 5/17/2024 Analyzed: 5/18/2024				
PFBA	1.88	1.0	2.000		93.8	70 - 135			
PFPeA	1.80	1.0	2.000		90.2	70 - 135			
PFHxA	1.79	1.0	2.000		89.4	70 - 135			
PFHpA	1.97	1.0	2.000		98.3	70 - 135			
PFOA	1.97	1.0	2.000		98.3	65 - 155			
PFNA	1.89	1.0	2.000		94.6	70 - 140			
PFDA	1.89	1.0	2.000		94.5	65 - 140			
PFUnA	1.80	1.0	2.000		90.1	70 - 135			
PFDoA	1.86	1.0	2.000		92.9	70 - 130			
PFTrDA	1.94	1.0	2.000		97.1	60 - 145			
PFTeDA	1.76	1.0	2.000		88.2	70 - 145			
PFBS	1.57	1.0	2.000		78.4	70 - 140			
PFPeS	1.98	1.0	2.000		99.0	70 - 135			
PFHxS	1.93	1.0	2.000		96.5	70 - 135			
PFHpS	1.84	1.0	2.000		92.0	70 - 140			
PFOS	1.92	1.0	2.000		96.0	70 - 140			
PFNS	1.99	1.0	2.000		99.3	70 - 135			
PFDS	1.81	1.0	2.000		90.4	70 - 135			
PFDoS	1.83	1.0	2.000		91.5	45 - 135			
4:2FTS	1.76	1.0	2.000		88.2	70 - 135			
6:2FTS	2.20	1.0	2.000		110	70 - 135			
8:2FTS	1.86	1.0	2.000		92.8	70 - 140			
PFOSA	1.86	1.0	2.000		93.1	70 - 135			
NMeFOSA	1.99	1.0	2.000		99.7	70 - 135			
NEtFOSA	1.79	1.0	2.000		89.3	70 - 130			
NMeFOSAA	2.29	1.0	2.000		114	65 - 140			
NEtFOSAA	2.09	1.0	2.000		105	70 - 135			
NMeFOSE	1.77	1.0	2.000		88.5	70 - 135			
NEtFOSE	1.94	1.0	2.000		96.8	70 - 130			
HFPO-DA	2.17	1.0	2.000		109	70 - 135			
ADONA	2.14	1.0	2.000		107	70 - 135			
PFMPA	1.98	1.0	2.000		99.1	60 - 140			
PFMBA	1.81	1.0	2.000		90.3	65 - 145			
NFDHA	1.71	1.0	2.000		85.3	65 - 140			
9Cl-PF3ONS	2.05	1.0	2.000		102	70 - 145			
11Cl-PF3OUdS	1.79	1.0	2.000		89.5	50 - 150			
PFEESA	1.71	1.0	2.000		85.7	70 - 135			
3:3FTCA	1.50	1.0	2.000		75.1	70 - 130			

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ng/L)	RL (ng/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE41743-BS1) - Continued					Prepared: 5/17/2024 Analyzed: 5/18/2024				
5:3FTCA	1.56	1.0	2.000		78.1	70 - 130			
7:3FTCA	1.65	1.0	2.000		82.3	55 - 135			
Surrogate: PFBA-13C4					*99.7*	*5 - 130*			
Surrogate: PFPeA-13C5					*95.5*	*40 - 130*			
Surrogate: PFHxA-13C5					*102*	*40 - 130*			
Surrogate: PFHpA-13C4					*99.5*	*40 - 130*			
Surrogate: PFOA-13C8					*99.0*	*40 - 130*			
Surrogate: PFNA-13C9					*99.9*	*40 - 130*			
Surrogate: PFDA-13C6					*102*	*40 - 130*			
Surrogate: PFUnA-13C7					*97.8*	*30 - 130*			
Surrogate: PFDoA-13C2					*94.7*	*10 - 130*			
Surrogate: PFTeDA-13C2					*89.3*	*10 - 130*			
Surrogate: PFBS-13C3					*105*	*40 - 135*			
Surrogate: PFHxS-13C3					*95.9*	*40 - 130*			
Surrogate: PFOS-13C8					*96.8*	*40 - 130*			
Surrogate: PFOSA-13C8					*95.2*	*40 - 130*			
Surrogate: d3-NMeFOSAA					*102*	*40 - 170*			
Surrogate: d5-NEtFOSAA					*103*	*25 - 135*			
Surrogate: 4:2FTS-13C2					*99.1*	*40 - 200*			
Surrogate: 6:2FTS-13C2					*91.3*	*40 - 200*			
Surrogate: 8:2FTS-13C2					*96.5*	*40 - 300*			
Surrogate: HFPO-DA-13C3					*84.6*	*40 - 130*			
Surrogate: D7-NMeFOSE					*99.6*	*10 - 130*			
Surrogate: D9-NEtFOSE					*94.9*	*10 - 130*			
Surrogate: D5-NEtFOSA					*97.1*	*10 - 130*			
Surrogate: D3-NMeFOSA					*94.3*	*10 - 130*			
LCS (BE41743-BS2)					Prepared: 5/17/2024 Analyzed: 5/18/2024				
PFBA	18.6	2.0	20.000		93.0	70 - 135			
PFPeA	18.5	2.0	20.000		92.4	70 - 135			
PFHxA	18.3	2.0	20.000		91.4	70 - 135			
PFHpA	17.7	2.0	20.000		88.4	70 - 135			
PFOA	17.9	2.0	20.000		89.7	65 - 155			
PFNA	17.5	2.0	20.000		87.7	70 - 140			
PFDA	18.8	2.0	20.000		94.0	65 - 140			
PFUnA	18.5	2.0	20.000		92.5	70 - 135			
PFDoA	18.7	2.0	20.000		93.7	70 - 130			
PFTrDA	19.6	2.0	20.000		97.9	60 - 145			
PFTeDA	21.7	2.0	20.000		108	70 - 145			
PFBS	14.2	2.0	20.000		70.9	70 - 140			
PFPeS	19.4	2.0	20.000		97.0	70 - 135			
PFHxS	17.7	2.0	20.000		88.5	70 - 135			
PFHpS	18.8	2.0	20.000		94.2	70 - 140			
PFOS	19.2	2.0	20.000		96.0	70 - 140			
PFNS	19.6	2.0	20.000		98.2	70 - 135			
PFDS	19.4	2.0	20.000		97.1	70 - 135			
PFDoS	19.1	2.0	20.000		95.3	45 - 135			
4:2FTS	19.1	2.0	20.000		95.4	70 - 135			
6:2FTS	19.9	2.0	20.000		99.4	70 - 135			
8:2FTS	21.0	2.0	20.000		105	70 - 140			
PFOSA	19.2	2.0	20.000		95.8	70 - 135			
NMeFOSA	20.3	2.0	20.000		102	70 - 135			
NEtFOSA	19.0	2.0	20.000		95.1	70 - 130			

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ng/L)	RL (ng/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE41743-BS2) - Continued					Prepared: 5/17/2024 Analyzed: 5/18/2024				
NMeFOSAA	18.2	2.0	20.000		90.9	65 - 140			
NEtFOSAA	17.2	2.0	20.000		85.9	70 - 135			
NMeFOSE	19.3	2.0	20.000		96.4	70 - 135			
NEtFOSE	19.5	2.0	20.000		97.6	70 - 130			
HFPO-DA	19.1	2.0	20.000		95.5	70 - 135			
ADONA	22.8	2.0	20.000		114	70 - 135			
PFMPA	20.7	2.0	20.000		104	60 - 140			
PFMBA	18.7	2.0	20.000		93.5	65 - 145			
NFDHA	20.3	2.0	20.000		102	65 - 140			
9Cl-PF3ONS	21.6	2.0	20.000		108	70 - 145			
11Cl-PF3OUdS	19.2	2.0	20.000		96.1	50 - 150			
PFEESA	17.9	2.0	20.000		89.5	70 - 135			
3:3FTCA	16.4	2.0	20.000		82.0	70 - 130			
5:3FTCA	18.2	2.0	20.000		90.9	70 - 130			
7:3FTCA	17.1	2.0	20.000		85.4	55 - 135			
Surrogate: PFBA-13C4					*99.9*	*5 - 130*			
Surrogate: PFPeA-13C5					*94.4*	*40 - 130*			
Surrogate: PFHxA-13C5					*101*	*40 - 130*			
Surrogate: PFHpA-13C4					*101*	*40 - 130*			
Surrogate: PFOA-13C8					*99.2*	*40 - 130*			
Surrogate: PFNA-13C9					*103*	*40 - 130*			
Surrogate: PFDA-13C6					*99.2*	*40 - 130*			
Surrogate: PFUnA-13C7					*98.3*	*30 - 130*			
Surrogate: PFDoA-13C2					*94.4*	*10 - 130*			
Surrogate: PFTeDA-13C2					*91.9*	*10 - 130*			
Surrogate: PFBS-13C3					*117*	*40 - 135*			
Surrogate: PFHxS-13C3					*97.6*	*40 - 130*			
Surrogate: PFOS-13C8					*98.8*	*40 - 130*			
Surrogate: PFOSA-13C8					*96.7*	*40 - 130*			
Surrogate: d3-NMeFOSAA					*109*	*40 - 170*			
Surrogate: d5-NEtFOSAA					*114*	*25 - 135*			
Surrogate: 4:2FTS-13C2					*100*	*40 - 200*			
Surrogate: 6:2FTS-13C2					*95.5*	*40 - 200*			
Surrogate: 8:2FTS-13C2					*102*	*40 - 300*			
Surrogate: HFPO-DA-13C3					*83.9*	*40 - 130*			
Surrogate: D7-NMeFOSE					*99.7*	*10 - 130*			
Surrogate: D9-NEtFOSE					*95.7*	*10 - 130*			
Surrogate: D5-NEtFOSA					*98.2*	*10 - 130*			
Surrogate: D3-NMeFOSA					*96.8*	*10 - 130*			

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Timothy Fusco



Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24E0435
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-9

Sample Date(s): 05/13/2024

Laboratory Sample ID(s): 24E0435-01 thru 24E0435-11

List RCP Methods Used:

,

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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☐ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 05/21/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

RCP Case Narrative

4- See Exceptions Report Below

7- Project specific QC was not requested by the client.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
3:3FTCA	LCS	Low	1.37		68.6	BE41742

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BE41742	S4E1802	24E0435-01	L1985-6MW	EPA 1633	Water	05/13/2024
BE41742	S4E1802	24E0435-02	L1985-5MW	EPA 1633	Water	05/13/2024
BE41742	S4E1802	24E0435-03	B1/MW1	EPA 1633	Water	05/13/2024
BE41742	S4E1802	24E0435-04	B2/MW2	EPA 1633	Water	05/13/2024
BE41742	S4E1802	24E0435-05	B3/MW3	EPA 1633	Water	05/13/2024
BE41742	S4E1802	24E0435-06	L1985-10MW	EPA 1633	Water	05/13/2024
BE41742	S4E1802	24E0435-07	B24/MW6	EPA 1633	Water	05/13/2024
BE41742	S4E1802	24E0435-08	B4/MW4	EPA 1633	Water	05/13/2024
BE41742	S4E1802	24E0435-09	B5/MW5	EPA 1633	Water	05/13/2024
BE41742	S4E1802	24E0435-10	L1985-3MW	EPA 1633	Water	05/13/2024
BE41743	S4E2019	24E0435-11	B23/MW7	EPA 1633	Water	05/13/2024

24E0435

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Orinking Water, C=Cassette Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Standard ***

Metals: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs/PAH, PCBs, SOX, ASE, Pesticides, Herbicides, 8 RCRA, 13 Priority Poll., 15 CT DEEP, Total, SPLP, TCLP, Dissolved, Field Filter, Lab Filter

Additional Analysis: PFAS-EPA 1633

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Standard ***	TOTAL # OF CONT.	NOTE #
L1985-6MW	5/13/24-0905	W	X	2	
L1985-5MW	5/13/24- 1105	W	X	2	
B1/MW1	5/13/24- 1220	W	X	2	
B2/MW2	5/13/24- 0910	W	X	2	
B3/MW3	5/13/24- 0900	W	X	2	
L1985-10MW	5/13/24- 1155	W	X	2	
B24/MW6	5/13/24- 1200	W	X	2	
B4/MW4	5/13/24- 1420	W	X	2	
B5/MW5	5/13/24- 1500	W	X	2	
L1985-3MW	5/13/24- 1420	W	X	2	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)			C	20	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)			P		
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)				Running Total: 20	

RELINQUISHED BY: DATE/TIME: 5/14/24 0900 RECEIVED BY:
RELINQUISHED BY: DATE/TIME: 5/14/24 13:50 RECEIVED BY: 05/14/24 1350
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES:

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvi Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: E-mail: dangelino@zuvi.com, ryan.orlowski@zuvi.com
Phone #
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills GWM PO #:
Location: Eversource, Windsor CT Project #: 23246-9
CET Quote # 011823-B Collector(s): RO, AA
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☑ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format PEG COMP Other
Reporting Limits: GA, SWP Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 4 °C Evidence of Cooling: (Y) N
PAGE 1 OF 2

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. wi start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

24E0435

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Standard ***

Metals: 8260 CT List; 8260 Aromatics; 8260 Halogens; CT ETPH; 8270 CT List; 8270 PNAs/PAH; PCBs ☐ SOX ☐ ASE; Pesticides; Herbicides; 8 RCRA; 13 Priority Poll.; 15 CT DEEP; Total; SPLP; TCLP; Dissolved; Field Filter ☐ Lab Filter ☐

Additional Analysis: PFAS EPA 1633; HOLD

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Standard ***	PFAS EPA 1633	HOLD	TOTAL # OF CONT.	NOTE #
B23 / MW7	5/13/24-1550	W	X	X		2	
Equipment Blank	5/13/24-1200	W	X		X	1	1
Field Blank	5/13/24-0905	W	X		X	2	1
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)				C	C	5	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)				P	P		

Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)

Running total = 25

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	5/14/24 0900	
	5/14/24 13:50	05/14/24 13:50

NOTES:
1) Please hold samples for future analysis

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuri Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: E-mail: danpinho@zuri.com, ryan.onolski@zuri.com
Phone #
Tax Status: ☐ Exempt

Project Information

Project: Eversource Bare Hills GWM PO #:
Location: Eversource, Windsor, CT Project #: 23246-9
CET Quote #: 011823-B Collector(s): RO, AS
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format REG Comp Other
Reporting Limits: GA, SWP Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt: 4 °C Evidence of Cooling: ☒ N

PAGE 2 OF 2

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. wi start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dan Pinho
Zuvic, Inc.
40 Cold Spring Road
Rocky Hill, CT 06067

Analytical Report

CET# 24E0734

Report Date:May 31, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24E0734
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

SAMPLE SUMMARY

The sample(s) were received at 4.0ºC.
This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
Equipment Blank	24E0734-01	Water	5/13/2024 12:00	05/14/2024
Field Blank	24E0734-02	Water	5/13/2024 9:05	05/14/2024

CET # : 24E0734
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID Equipment Blank

Lab ID: 24E0734-01

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PFBA	375-22-4	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFPeA	2706-90-3	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFHxA	307-24-4	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFHpA	375-85-9	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFOA	335-67-1	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFNA	375-95-1	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFDA	335-76-2	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFUnA	2058-94-8	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFDoA	307-55-1	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFTrDA	72629-94-8	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFTeDA	376-06-7	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFBS	375-73-5	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFPeS	2706-91-4	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFHxS	355-46-4	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFHpS	375-92-8	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	*F1
PFOS	1763-23-1	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFNS	68259-12-1	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFDS	335-77-3	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFDoS	79780-39-5	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
4:2FTS	757124-72-4	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
6:2FTS	27619-97-2	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
8:2FTS	39108-34-4	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFOSA	754-91-6	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
NMeFOSA	31506-32-8	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
NEtFOSA	4151-50-2	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
NMeFOSAA	2355-31-9	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
NEtFOSAA	2991-50-6	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	*F1
NMeFOSE	24448-09-7	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
NEtFOSE	1691-99-2	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
HFPO-DA	13252-13-6	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
ADONA	919005-14-4	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFMPA	377-73-1	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFMBA	863090-89-5	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
NFDHA	151772-58-6	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
9Cl-PF3ONS	756426-58-1	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
11Cl-PF3OUdS	763051-92-9	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
PFEESA	113507-82-7	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
3:3FTCA	356-02-5	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
5:3FTCA	914637-49-3	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	
7:3FTCA	812-70-4	ND	2.1	1	EPA 1633	BE43030	05/30/2024	05/31/2024 04:33	

CET # : 24E0734
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID Equipment Blank

Lab ID: 24E0734-01

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: PFBA-13C4		*63.6 %*	*5 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: PFPeA-13C5		*58.9 %*	*40 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: PFHxA-13C5		*64.2 %*	*40 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: PFHpA-13C4		*53.9 %*	*40 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: PFOA-13C8		*58.9 %*	*40 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: PFNA-13C9		*61.8 %*	*40 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: PFDA-13C6		*70.3 %*	*40 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: PFUnA-13C7		*63.1 %*	*30 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: PFDoA-13C2		*61.9 %*	*10 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: PFTeDA-13C2		*44.8 %*	*10 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: PFBS-13C3		*46.1 %*	*40 - 135*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: PFHxS-13C3		*61.6 %*	*40 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: PFOS-13C8		*62.0 %*	*40 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: PFOSA-13C8		*57.4 %*	*40 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: d3-NMeFOSAA		*71.4 %*	*40 - 170*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: d5-NEtFOSAA		*71.3 %*	*25 - 135*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: 4:2FTS-13C2		*80.6 %*	*40 - 200*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: 6:2FTS-13C2		*84.4 %*	*40 - 200*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: 8:2FTS-13C2		*103 %*	*40 - 300*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: HFPO-DA-13C3		*50.4 %*	*40 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: D7-NMeFOSE		*54.1 %*	*10 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: D9-NEtFOSE		*55.8 %*	*10 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: D5-NEtFOSA		*47.5 %*	*10 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	
Surrogate: D3-NMeFOSA		*53.5 %*	*10 - 130*			BE43030	05/30/2024	*05/31/2024 04:33*	

CET # : 24E0734
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID Field Blank

Lab ID: 24E0734-02

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PFBA	375-22-4	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFPeA	2706-90-3	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFHxA	307-24-4	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFHpA	375-85-9	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFOA	335-67-1	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFNA	375-95-1	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFDA	335-76-2	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFUnA	2058-94-8	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFDoA	307-55-1	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFTrDA	72629-94-8	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFTeDA	376-06-7	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFBS	375-73-5	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFPeS	2706-91-4	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFHxS	355-46-4	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFHpS	375-92-8	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	*F1
PFOS	1763-23-1	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFNS	68259-12-1	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFDS	335-77-3	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFDoS	79780-39-5	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
4:2FTS	757124-72-4	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
6:2FTS	27619-97-2	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
8:2FTS	39108-34-4	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFOSA	754-91-6	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
NMeFOSA	31506-32-8	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
NEtFOSA	4151-50-2	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	*F1
NMeFOSE	24448-09-7	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
NEtFOSE	1691-99-2	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
HFPO-DA	13252-13-6	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
ADONA	919005-14-4	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFMPA	377-73-1	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFMBA	863090-89-5	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
NFDHA	151772-58-6	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
PFEESA	113507-82-7	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
3:3FTCA	356-02-5	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
5:3FTCA	914637-49-3	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	
7:3FTCA	812-70-4	ND	2.0	1	EPA 1633	BE43030	05/30/2024	05/31/2024 06:05	

CET # : 24E0734
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Client Sample ID Field Blank

Lab ID: 24E0734-02

Per- and Polyfluorinated Alkyl Acids **Analyst: RAN**

Method: EPA 1633 **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: PFBA-13C4		*73.6 %*		*5 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: PFPeA-13C5		*68.5 %*		*40 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: PFHxA-13C5		*75.0 %*		*40 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: PFHpA-13C4		*63.5 %*		*40 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: PFOA-13C8		*70.7 %*		*40 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: PFNA-13C9		*68.6 %*		*40 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: PFDA-13C6		*76.0 %*		*40 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: PFUnA-13C7		*69.9 %*		*30 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: PFDoA-13C2		*65.1 %*		*10 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: PFTeDA-13C2		*48.8 %*		*10 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: PFBS-13C3		*72.8 %*		*40 - 135*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: PFHxS-13C3		*68.6 %*		*40 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: PFOS-13C8		*70.2 %*		*40 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: PFOSA-13C8		*69.1 %*		*40 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: d3-NMeFOSAA		*80.8 %*		*40 - 170*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: d5-NEtFOSAA		*82.5 %*		*25 - 135*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: 4:2FTS-13C2		*92.3 %*		*40 - 200*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: 6:2FTS-13C2		*93.1 %*		*40 - 200*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: 8:2FTS-13C2		*116 %*		*40 - 300*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: HFPO-DA-13C3		*61.3 %*		*40 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: D7-NMeFOSE		*62.8 %*		*10 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: D9-NEtFOSE		*64.2 %*		*10 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: D5-NEtFOSA		*58.6 %*		*10 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	
Surrogate: D3-NMeFOSA		*60.9 %*		*10 - 130*		BE43030	05/30/2024	*05/31/2024 06:05*	

CET # : 24E0734
Project: Eversource Blue Hills 6WM, Windsor
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QUALITY CONTROL SECTION

Batch BE43030 - EPA 1633

Analyte	Result (ng/L)	RL (ng/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE43030-BLK1)					Prepared: 5/30/2024 Analyzed: 5/30/2024				
PFBA	ND	2.0							
PFPeA	ND	2.0							
PFHxA	ND	2.0							
PFHpA	ND	2.0							
PFOA	ND	2.0							
PFNA	ND	2.0							
PFDA	ND	2.0							
PFUnA	ND	2.0							
PFDoA	ND	2.0							
PFTrDA	ND	2.0							
PFTeDA	ND	2.0							
PFBS	ND	2.0							
PFPeS	ND	2.0							
PFHxS	ND	2.0							
PFHpS	ND	2.0							
PFOS	ND	2.0							
PFNS	ND	2.0							
PFDS	ND	2.0							
PFDoS	ND	2.0							
4:2FTS	ND	2.0							
6:2FTS	ND	2.0							
8:2FTS	ND	2.0							
PFOSA	ND	2.0							
NMeFOSA	ND	2.0							
NEtFOSA	ND	2.0							
NMeFOSAA	ND	2.0							
NEtFOSAA	ND	2.0							
NMeFOSE	ND	2.0							
NEtFOSE	ND	2.0							
HFPO-DA	ND	2.0							
ADONA	ND	2.0							
PFMPA	ND	2.0							
PFMBA	ND	2.0							
NFDHA	ND	2.0							
9Cl-PF3ONS	ND	2.0							
11Cl-PF3OUdS	ND	2.0							
PFEESA	ND	2.0							
3:3FTCA	ND	2.0							
5:3FTCA	ND	2.0							
7:3FTCA	ND	2.0							
Surrogate: PFBA-13C4					*100*	*5 - 130*			
Surrogate: PFPeA-13C5					*94.4*	*40 - 130*			
Surrogate: PFHxA-13C5					*101*	*40 - 130*			
Surrogate: PFHpA-13C4					*86.9*	*40 - 130*			
Surrogate: PFOA-13C8					*94.0*	*40 - 130*			
Surrogate: PFNA-13C9					*93.9*	*40 - 130*			
Surrogate: PFDA-13C6					*103*	*40 - 130*			
Surrogate: PFUnA-13C7					*95.6*	*30 - 130*			
Surrogate: PFDoA-13C2					*93.6*	*10 - 130*			

CET # : 24E0734
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ng/L)	RL (ng/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BE43030-BLK1) - Continued					Prepared: 5/30/2024 Analyzed: 5/30/2024				
Surrogate: PFTeDA-13C2					*82.4*	*10 - 130*			
Surrogate: PFBS-13C3					*125*	*40 - 135*			
Surrogate: PFHxS-13C3					*97.5*	*40 - 130*			
Surrogate: PFOS-13C8					*107*	*40 - 130*			
Surrogate: PFOSA-13C8					*102*	*40 - 130*			
Surrogate: d3-NMeFOSAA					*119*	*40 - 170*			
Surrogate: d5-NEtFOSAA					*119*	*25 - 135*			
Surrogate: 4:2FTS-13C2					*124*	*40 - 200*			
Surrogate: 6:2FTS-13C2					*122*	*40 - 200*			
Surrogate: 8:2FTS-13C2					*142*	*40 - 300*			
Surrogate: HFPO-DA-13C3					*86.5*	*40 - 130*			
Surrogate: D7-NMeFOSE					*99.8*	*10 - 130*			
Surrogate: D9-NEtFOSE					*97.7*	*10 - 130*			
Surrogate: D5-NEtFOSA					*102*	*10 - 130*			
Surrogate: D3-NMeFOSA					*105*	*10 - 130*			
LCS (BE43030-BS1)					Prepared: 5/30/2024 Analyzed: 5/30/2024				
PFBA	1.63	2.0	2.000		81.3	70 - 140			
PFPeA	1.64	2.0	2.000		81.9	65 - 135			
PFHxA	1.55	2.0	2.000		77.5	70 - 145			
PFHpA	1.66	2.0	2.000		82.9	70 - 150			
PFOA	1.80	2.0	2.000		89.8	70 - 150			
PFNA	1.62	2.0	2.000		80.9	70 - 150			
PFDA	1.64	2.0	2.000		81.9	70 - 140			
PFUnA	1.54	2.0	2.000		76.8	70 - 145			
PFDoA	1.57	2.0	2.000		78.5	70 - 140			
PFTrDA	1.53	2.0	2.000		76.7	65 - 140			
PFTeDA	2.55	2.0	2.000		127	60 - 140			
PFBS	1.39	2.0	2.000		69.3	60 - 145			
PFPeS	1.77	2.0	2.000		88.3	65 - 140			
PFHxS	1.69	2.0	2.000		84.7	65 - 145			
PFHpS	1.39	2.0	2.000		**69.3**	70 - 150			**L**
PFOS	1.72	2.0	2.000		85.8	55 - 150			
PFNS	1.55	2.0	2.000		77.4	65 - 145			
PFDS	1.55	2.0	2.000		77.6	60 - 145			
PFDoS	1.59	2.0	2.000		79.6	50 - 145			
4:2FTS	1.67	2.0	2.000		83.7	70 - 145			
6:2FTS	1.94	2.0	2.000		96.8	65 - 155			
8:2FTS	1.88	2.0	2.000		94.2	60 - 150			
PFOSA	1.58	2.0	2.000		78.8	70 - 145			
NMeFOSA	1.63	2.0	2.000		81.3	60 - 150			
NEtFOSA	1.71	2.0	2.000		85.4	65 - 145			
NMeFOSAA	1.96	2.0	2.000		98.2	50 - 140			
NEtFOSAA	1.31	2.0	2.000		**65.5**	70 - 145			**L**
NMeFOSE	2.05	2.0	2.000		102	70 - 145			
NEtFOSE	1.53	2.0	2.000		76.5	70 - 135			
HFPO-DA	1.73	2.0	2.000		86.3	70 - 140			
ADONA	1.72	2.0	2.000		86.1	65 - 145			
PFMPA	1.79	2.0	2.000		89.5	55 - 140			
PFMBA	1.55	2.0	2.000		77.5	60 - 150			
NFDHA	1.50	2.0	2.000		75.1	50 - 150			
9Cl-PF3ONS	1.87	2.0	2.000		93.6	70 - 155			
11Cl-PF3OUdS	1.65	2.0	2.000		82.7	55 - 160			

CET # : 24E0734
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ng/L)	RL (ng/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE43030-BS1) - Continued					Prepared: 5/30/2024 Analyzed: 5/30/2024				
PFEESA	1.60	2.0	2.000		80.2	70 - 140			
3:3FTCA	1.44	2.0	2.000		72.1	65 - 130			
5:3FTCA	1.56	2.0	2.000		77.9	70 - 135			
7:3FTCA	1.33	2.0	2.000		66.4	50 - 145			
Surrogate: PFBA-13C4					*100*	*5 - 130*			
Surrogate: PFPeA-13C5					*93.3*	*40 - 130*			
Surrogate: PFHxA-13C5					*100*	*40 - 130*			
Surrogate: PFHpA-13C4					*87.7*	*40 - 130*			
Surrogate: PFOA-13C8					*95.4*	*40 - 130*			
Surrogate: PFNA-13C9					*98.5*	*40 - 130*			
Surrogate: PFDA-13C6					*105*	*40 - 130*			
Surrogate: PFUnA-13C7					*99.2*	*30 - 130*			
Surrogate: PFDoA-13C2					*100*	*10 - 130*			
Surrogate: PFTeDA-13C2					*77.3*	*10 - 130*			
Surrogate: PFBS-13C3					*123*	*40 - 135*			
Surrogate: PFHxS-13C3					*96.7*	*40 - 130*			
Surrogate: PFOS-13C8					*101*	*40 - 130*			
Surrogate: PFOSA-13C8					*98.1*	*40 - 130*			
Surrogate: d3-NMeFOSAA					*113*	*40 - 170*			
Surrogate: d5-NEtFOSAA					*114*	*25 - 135*			
Surrogate: 4:2FTS-13C2					*128*	*40 - 200*			
Surrogate: 6:2FTS-13C2					*124*	*40 - 200*			
Surrogate: 8:2FTS-13C2					*147*	*40 - 300*			
Surrogate: HFPO-DA-13C3					*84.8*	*40 - 130*			
Surrogate: D7-NMeFOSE					*95.5*	*10 - 130*			
Surrogate: D9-NEtFOSE					*98.9*	*10 - 130*			
Surrogate: D5-NEtFOSA					*93.7*	*10 - 130*			
Surrogate: D3-NMeFOSA					*98.8*	*10 - 130*			
LCS (BE43030-BS2)					Prepared: 5/30/2024 Analyzed: 5/30/2024				
PFBA	15.7	2.0	20.000		78.6	70 - 140			
PFPeA	15.3	2.0	20.000		76.6	65 - 135			
PFHxA	15.1	2.0	20.000		75.7	70 - 145			
PFHpA	15.7	2.0	20.000		78.4	70 - 150			
PFOA	16.2	2.0	20.000		81.0	70 - 150			
PFNA	16.3	2.0	20.000		81.7	70 - 150			
PFDA	15.5	2.0	20.000		77.5	70 - 140			
PFUnA	15.9	2.0	20.000		79.4	70 - 145			
PFDoA	16.0	2.0	20.000		80.0	70 - 140			
PFTrDA	16.2	2.0	20.000		81.0	65 - 140			
PFTeDA	18.0	2.0	20.000		90.0	60 - 140			
PFBS	17.0	2.0	20.000		84.9	60 - 145			
PFPeS	18.0	2.0	20.000		90.1	65 - 140			
PFHxS	16.5	2.0	20.000		82.3	65 - 145			
PFHpS	13.9	2.0	20.000		**69.5**	70 - 150			**L**
PFOS	15.9	2.0	20.000		79.4	55 - 150			
PFNS	16.0	2.0	20.000		79.8	65 - 145			
PFDS	15.6	2.0	20.000		77.8	60 - 145			
PFDoS	15.6	2.0	20.000		78.0	50 - 145			
4:2FTS	16.7	2.0	20.000		83.5	70 - 145			
6:2FTS	18.0	2.0	20.000		89.8	65 - 155			
8:2FTS	18.9	2.0	20.000		94.7	60 - 150			
PFOSA	15.1	2.0	20.000		75.5	70 - 145			

CET # : 24E0734
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Analyte	Result (ng/L)	RL (ng/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (BE43030-BS2) - Continued					Prepared: 5/30/2024 Analyzed: 5/30/2024				
NMeFOSA	15.8	2.0	20.000		78.9	60 - 150			
NEtFOSA	16.4	2.0	20.000		81.8	65 - 145			
NMeFOSAA	15.7	2.0	20.000		78.7	50 - 140			
NEtFOSAA	17.0	2.0	20.000		84.8	70 - 145			
NMeFOSE	15.8	2.0	20.000		78.9	70 - 145			
NEtFOSE	16.2	2.0	20.000		80.9	70 - 135			
HFPO-DA	15.9	2.0	20.000		79.4	70 - 140			
ADONA	16.1	2.0	20.000		80.7	65 - 145			
PFMPA	17.2	2.0	20.000		86.1	55 - 140			
PFMBA	15.3	2.0	20.000		76.3	60 - 150			
NFDHA	13.7	2.0	20.000		68.4	50 - 150			
9Cl-PF3ONS	17.9	2.0	20.000		89.4	70 - 155			
11Cl-PF3OUdS	16.0	2.0	20.000		80.0	55 - 160			
PFEESA	15.0	2.0	20.000		75.2	70 - 140			
3:3FTCA	15.1	2.0	20.000		75.6	65 - 130			
5:3FTCA	15.6	2.0	20.000		78.2	70 - 135			
7:3FTCA	13.1	2.0	20.000		65.7	50 - 145			
Surrogate: PFBA-13C4					*99.9*	*5 - 130*			
Surrogate: PFPeA-13C5					*95.4*	*40 - 130*			
Surrogate: PFHxA-13C5					*102*	*40 - 130*			
Surrogate: PFHpA-13C4					*90.4*	*40 - 130*			
Surrogate: PFOA-13C8					*93.9*	*40 - 130*			
Surrogate: PFNA-13C9					*95.5*	*40 - 130*			
Surrogate: PFDA-13C6					*109*	*40 - 130*			
Surrogate: PFUnA-13C7					*100*	*30 - 130*			
Surrogate: PFDoA-13C2					*102*	*10 - 130*			
Surrogate: PFTeDA-13C2					*82.9*	*10 - 130*			
Surrogate: PFBS-13C3					*99.8*	*40 - 135*			
Surrogate: PFHxS-13C3					*96.5*	*40 - 130*			
Surrogate: PFOS-13C8					*102*	*40 - 130*			
Surrogate: PFOSA-13C8					*101*	*40 - 130*			
Surrogate: d3-NMeFOSAA					*115*	*40 - 170*			
Surrogate: d5-NEtFOSAA					*117*	*25 - 135*			
Surrogate: 4:2FTS-13C2					*130*	*40 - 200*			
Surrogate: 6:2FTS-13C2					*129*	*40 - 200*			
Surrogate: 8:2FTS-13C2					*148*	*40 - 300*			
Surrogate: HFPO-DA-13C3					*89.8*	*40 - 130*			
Surrogate: D7-NMeFOSE					*96.0*	*10 - 130*			
Surrogate: D9-NEtFOSE					*96.1*	*10 - 130*			
Surrogate: D5-NEtFOSA					*96.8*	*10 - 130*			
Surrogate: D3-NMeFOSA					*98.4*	*10 - 130*			

CET # : 24E0734
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

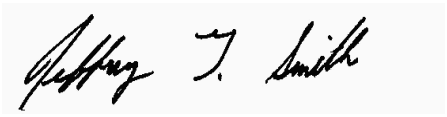
All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Jeffrey Smith



Project Manager

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Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24E0734
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-9

Sample Date(s): 05/13/2024

Laboratory Sample ID(s): 24E0734-01 thru 24E0734-02

List RCP Methods Used:

,

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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☐ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 05/31/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

RCP Case Narrative

4- See Exceptions Report Below

7- Project specific QC was not requested by the client.

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
NEtFOSAA	LCS	Low	1.31		65.5	BE43030
PFHpS	LCS	Low	1.39		69.3	BE43030
PFHpS	LCS	Low	13.9		69.5	BE43030

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BE43030	S4E3114	24E0734-01	Equipment Blank	EPA 1633	Water	05/13/2024
BE43030	S4E3114	24E0734-02	Field Blank	EPA 1633	Water	05/13/2024

24E0734

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

A1 - Please run both the field blank and equipment blank samples for PFAS-1633. Standard TAT please.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette Solid, Wipe, O=Other (Specify)

Turnaround Time ** (check one): Same Day*, Next Day*, Two Day*, Three Day*, Standard***

Metals: 8 RCRA, 13 Priority Poll., 15 CT DEEP, Total, SPLP, TCLP, Dissolved, Field Filter ☐, Lab Filter ☐

Additional Analysis: PFAS - EPA 1633 HOLD

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day*	Next Day*	Two Day*	Three Day*	Standard***	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐SOX ☐ASE	Pesticides	Herbicides	8 RCRA	13 Priority Poll.	15 CT DEEP	Total	SPLP	TCLP	Dissolved	Field Filter ☐	Lab Filter ☐	PFAS - EPA 1633 HOLD											TOTAL # OF CONT.	NOTE #
B23 MW7	5/13/24-1550	W					X																			X											2	
Equipment Blank	5/13/24-1200	W					X																			A1	X										1	1
Field Blank	5/13/24-0905	W					X																			A1	X										2	1
PRESERVATIVE (CI–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)																										C	C										5	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)																										P	P											
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)																																					Running total = 25	

RELINQUISHED BY: DATE/TIME: 5/14/24 0900 RECEIVED BY:
RELINQUISHED BY: DATE/TIME: 5/14/24 13:50 RECEIVED BY: 05/14/24 13
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES:
1) Please hold samples for future analysis

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Fuss Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: E-mail: [illegible]@fuss.com, [illegible]@fuss.com
Phone #:
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills Group PO #:
Location: Eversource, Windsor, CT Project #: 23246-9
CET Quote #: 011823-B Collector(s): RO, AA
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format RSR Comp Other
Reporting Limits: GA, SWP Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 4 °C Evidence of Cooling: ☒ N

PAGE 2 OF 2

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Dan Pinho
Zuvic, Inc.
40 Cold Spring Road
Rocky Hill, CT 06067

Analytical Report

CET# 24E0822

Report Date:June 05, 2024
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

CET # : 24E0822
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

SAMPLE SUMMARY

The sample(s) were received at 5.0°C.
This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
L1985-5MW	24E0822-01	Water	5/13/2024 11:05	05/14/2024

Analyte: Filtration Method [EPA 200.7] **Analyst: BRR**

Matrix: Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0822-01	L1985-5MW	Field Filtered	0.00		1	BF40410	06/04/2024	06/04/2024 12:27	

Analyte: Dissolved Nickel [EPA 200.7] **Analyst: SS**

Matrix: Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24E0822-01	L1985-5MW	0.068	0.050	mg/L	1	BF40431	06/04/2024	06/04/2024 16:42	

CET # : 24E0822
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

QUALITY CONTROL SECTION

Batch BF40431 - EPA 200.7

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BF40431-BLK1)					Prepared: 6/4/2024 Analyzed: 6/4/2024				
Nickel	ND	0.050							
LCS (BF40431-BS1)					Prepared: 6/4/2024 Analyzed: 6/4/2024				
Nickel	0.218	0.050	0.200		109	85 - 115			
Duplicate (BF40431-DUP1)		**Source: 24E0822-01**			Prepared: 6/4/2024 Analyzed: 6/4/2024				
Nickel	0.0676	0.050		0.0675			0.148	20	
Matrix Spike (BF40431-MS1)		**Source: 24E0822-01**			Prepared: 6/4/2024 Analyzed: 6/4/2024				
Nickel	0.267	0.050	0.200	0.0675	99.6	75 - 125			
Matrix Spike Dup (BF40431-MSD1)		**Source: 24E0822-01**			Prepared: 6/4/2024 Analyzed: 6/4/2024				
Nickel	0.253	0.050	0.200	0.0675	92.6	75 - 125	5.43	20	

CET # : 24E0822
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

This technical report was reviewed by Timothy Fusco



Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 24E0822
Project: Eversource Blue Hills 6WM, Windsor
Project Number: 23246-9

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

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Quality Control Definitions and Abbreviations

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Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

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Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Zuvic Inc.

Project Location: Eversource Blue Hills 6WM, Windsor ***Project Number:*** 23246-9

Sample Date(s): 05/13/2024 ***Laboratory Sample ID(s):*** 24E0822-01

List RCP Methods Used:

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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 Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods Only: Was the VPH or EPH method conducted without significant modifications (See respective RCPs)	☐ 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 document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6°C are acceptable.	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☑ 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 the 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:** Laboratory Director

Printed Name: David Ditta **Date:** 06/05/2024

Name of Laboratory: Complete Environmental Testing, Inc.

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

RCP Case Narrative

6- Client requested a subset of the RCP Metals list.

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
BF40410		24E0822-01	L1985-5MW	EPA 200.7	Water	05/13/2024
BF40431	S4F0412	24E0822-01	L1985-5MW	EPA 200.7	Water	05/13/2024

24E0822

A1 - Standard TAT, DP 5/29/2024, dissolved nickel

CHAIN OF CUSTODY

CET — COMPLETE ENVIRONMENTAL TESTING, INC.

Volatile Soils Only: Date and Time in Freezer | Client: | CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, O=Cassette Solid Wipe Other (Specify)

Turnaround Time ** (check one): Same Day* | Next Day* | Two Day* | Three Day* | Standard***

Metals: 8 RCRA (Cu, Ni) Zn | 13 Priority Poll. | 15 CT DEEP | Total | SPLP | TCLP | Dissolved nickel | Field Filtered ☐ Lab Filter ☐ Hold

Additional Analysis: 1,4-Dioxane & 2-BE | Alcohol Scan | Ethyl/Propyl Acetate

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Turnaround Time	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs/PAH	PCBs ☐ SOX ☐ ASE	Pesticides	Herbicides	8 RCRA (Cu, Ni) Zn	13 Priority Poll.	15 CT DEEP	Total	SPLP	TCLP	Dissolved nickel	Field Filtered ☐ Lab Filter ☐ Hold	1,4-Dioxane & 2-BE	Alcohol Scan	Ethyl/Propyl Acetate	TOTAL # OF CONT.	NOTE #
L1985-6MW	5/13/24-0905	W	X	X			X	X			X		X								X	X			8	
L1985-5MW	5/13/24-1105	W	X	X			X		X		X		X						A1		X				8	1
B1/MW1	5/12/24-1220	W	X	X			X	X			X		X								X	X			8	
B2/MW2	5/13/24-0910	W	X	X			X	X			X		X								X	X			8	
B3/MW3	5/13/24-0960	W	X	X			X	X			X		X								X	X	X		9	
L1985-10MW	5/13/24-1155	W	X	X			X	X			X		X								X				7	
B24/MW6	5/12/24-1200	W	X	X			X	X			X		X								X				7	
B4/MW4	5/13/24-1420	W	X	X			X	X			X		X								X	X			8	
B5/MW5	5/13/24-1500	W	X	X			X	X			X		X								X	X			8	
L1985-3MW	5/13/24-1420	W	X	X			X	X			X		X								X	X			8	
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)				Cl			C	C	C		C		N						N		C	C	C		79	
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)				V			G	G	G		G		P						P		V	V	V			
Soil VOCs Only (M=MeOH S=Stir Bar W=Water E=Encore)																									Running total	79

RELINQUISHED BY: [signature] DATE/TIME: 5/14/24 0900 RECEIVED BY: [signature]
RELINQUISHED BY: [signature] DATE/TIME: 5/14/24 13:50 RECEIVED BY: [signature] 5/14/24 13:50
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES:
1) Please hold field filtered samples for futher analysis

*** Standard TAT is 5-7 business days. Standard TAT for PFAS samples is 10-15 business days.

Client / Reporting Information

Company Name: Zuvic Inc.
Address: 40 Cold Spring Road, Suite 1
City: Rocky Hill State: CT Zip: 06067
Report To: danpinho@zuvic.com, ryan.onoufki@zuvic.com E-mail:
Phone #:
Tax Status: ☐ Exempt

Project Information

Project: Eversource Blue Hills GWM PO #:
Location: Eversource, Windsor CT Project #: 23246-9
CET Quote # 011823-B Collector(s): RO, AA
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg ☒ DQAW
Data Report ☒ PDF ☒ EDD - Specify Format REG COMP Other
Reporting Limits: GA, SWP Disposal Facility:
Laboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 5 °C Evidence of Cooling: ice N PAGE 1 OF 2

* Additional charges apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 1 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24E0417
Date Samples Collected: 5/13/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation – To evaluate groundwater quality at the Site

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
NA	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes: Groundwater samples	
X	DATA ARE USABLE
Exceptions:	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered "YES" or "N/A"
X	Case narrative provided for all "NO" answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered "NO"
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0417

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
X	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS and LCS Dup are within allowable limits, note NA

X	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
X	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
X	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
X	Compounds with high recoveries are poorly performing compounds or common lab contaminants (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	The relative percent difference (RPD) of naphthalene between sample L1985-5MW and the LCS Dup sample was high, and sample homogeneity may be an issue; however, the LCS for the sample was within allowable limits and naphthalene was not detected in the sample this round or in previous sampling rounds, therefore the data are usable.

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

X	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
X	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0417

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

X	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
X	Compounds with low recoveries are poorly performing compounds or common lab contaminants
Exceptions: B1/MW1: MS1/MSD1; Acetone; 55.1% / 65.6%; 70-130;	
X	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
X	Compounds with high recoveries are poorly performing compounds or common lab contaminants
Exceptions: B1/MW1: MSD1; 1,4-dioxane; 136%; 70-130;	
X	DATA ARE USABLE
Exceptions:	Acetone is known to be a poorly performing compound and was reported in the MS1 and MSD1 sample below the allowable range for sample B1/MW1 and may be biased low. Acetone was not detected in B1/MW1, the reporting limit was well below criteria and the LCS sample was within the allowable limits, therefore data is usable. 1,4-dioxane is known to be a poorly performing compound and reported in the MSD1 and may be biased high. 1,4-dioxane was not detected in B1/MW1, therefore data is usable.

SURROGATE SAMPLES – If all surrogates are within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0417

SITE CONTAMINANTS OF CONCERN - project manager to complete

X	Extractable total petroleum hydrocarbons (ETPH)
	Aromatic volatile organic compounds (AVOCs)
X	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
X	Alcohols
X	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
X	1,4-Dioxane
X	Pesticides
	Herbicides
	Cyanide
X	Arsenic
X	Barium
X	Cadmium
X	Chromium – total or hexavalent
X	Copper
X	Lead
X	Mercury
X	Nickel
X	Selenium
X	Silver
X	Zinc
X	Glycols
X	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception: Requested a subset of the RCP metals list	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site groundwater conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0417

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

Poorly Performing Compounds	Common Lab Contaminants
Acetone	Methylene chloride
Benzyl Alcohol	Acetone
Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
1,2-dibromo-3-chloropropane	Freons (chloro fluoro methanes or ethanes)
Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0417

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24E0435
Date Samples Collected: 5/13/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation – To evaluate groundwater quality at the Site

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
NA	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes: Water samples	
X	DATA ARE USABLE
Exceptions:	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered "YES" or "N/A"
X	Case narrative provided for all "NO" answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered "NO"
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0435

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS are within allowable limits, note NA

X	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery: 3-Perfluoropropyl Propanoic Acid (3:3FTCA): LCS; 68.6%; 70-130	
NA	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	3:3FTCA was not detected above the reporting limit of 2 ng/L in groundwater samples collected from the 11 monitoring wells at the Site. The LCS for this compound was below the allowable limits and may be biased low. Currently, RSR criteria are not established for this PFAS analyte, therefore data is usable.

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0435

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0435

SITE CONTAMINANTS OF CONCERN - project manager to complete

X	Per- and Polyfluoroalkyl substances (PFAS)
	Extractable total petroleum hydrocarbons (ETPH)
	Aromatic volatile organic compounds (AVOCs)
	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
	Alcohols
	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	1,4-Dioxane
	Pesticides
	Herbicides
	Cyanide
	Arsenic
	Barium
	Cadmium
	Chromium – total or hexavalent
	Copper
	Lead
	Mercury
	Nickel
	Selenium
	Silver
	Zinc
	Glycols
	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception:	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site groundwater conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0435

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

Poorly Performing Compounds	Common Lab Contaminants
Acetone	Methylene chloride
Benzyl Alcohol	Acetone
Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
1,2-dibromo-3-chloropropane	Freons (chloro fluoro methanes or ethanes)
Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0435

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24E0734
Date Samples Collected: 5/13/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation – To evaluate groundwater quality at the Site

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
NA	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes: Water samples	
X	DATA ARE USABLE
Exceptions:	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered "YES" or "N/A"
X	Case narrative provided for all "NO" answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered "NO"
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0734

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS are within allowable limits, note NA

X	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery: N-Ethyl Perfluorooctane sulfonamidaacetic acid (NEtFOSAA): LCS; 65.5%; 70-130 Perfluoroheptanesulfonic acid (PFHpS): LCS: 69.3%/ 69.5%; 70-130	
X	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	NEtFOSAA and PFHpS were not detected above laboratory reporting limits in the equipment blank and field blank samples. The LCS for this compound was below the allowable limits and may be biased low. Currently, RSR criteria are not established for these two PFAS analyte, therefore data is usable.

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0734

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0734

SITE CONTAMINANTS OF CONCERN - project manager to complete

X	Per- and Polyfluoroalkyl substances (PFAS)
	Extractable total petroleum hydrocarbons (ETPH)
	Aromatic volatile organic compounds (AVOCs)
	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
	Alcohols
	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	1,4-Dioxane
	Pesticides
	Herbicides
	Cyanide
	Arsenic
	Barium
	Cadmium
	Chromium – total or hexavalent
	Copper
	Lead
	Mercury
	Nickel
	Selenium
	Silver
	Zinc
	Glycols
	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception:	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site groundwater conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0734

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

Poorly Performing Compounds	Common Lab Contaminants
Acetone	Methylene chloride
Benzyl Alcohol	Acetone
Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
1,2-dibromo-3-chloropropane	Freons (chloro fluoro methanes or ethanes)
Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0734

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: CET# 24E0822
Date Samples Collected: 5/13/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation – To evaluate groundwater quality at the Site

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
NA	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes: groundwater samples	
X	DATA ARE USABLE
Exceptions:	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered "YES" or "N/A"
X	Case narrative provided for all "NO" answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered "NO"
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0822

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0822

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery: BF40431-MS1	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:BF40431-MSD1	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: CET# 24E0822

SITE CONTAMINANTS OF CONCERN - project manager to complete

	Extractable total petroleum hydrocarbons (ETPH)
	Aromatic volatile organic compounds (AVOCs)
	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
	Alcohols
	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	1,4-Dioxane
	Pesticides
	Herbicides
	Cyanide
	Arsenic
	Barium
	Cadmium
	Chromium – total or hexavalent
	Copper
	Lead
	Mercury
X	Dissolved Nickel
	Selenium
	Silver
	Zinc
	Glycols
	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception: Requested a subset of the RCP metals list	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site groundwater conditions
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0822

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

Poorly Performing Compounds	Common Lab Contaminants
Acetone	Methylene chloride
Benzyl Alcohol	Acetone
Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
1,2-dibromo-3-chloropropane	Freons (chloro fluoro methanes or ethanes)
Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Sample Delivery Group: CET# 24E0822

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

Appendix F

Sub-Slab Soil Vapor Laboratory Analytical Report

Tuesday, August 13, 2024

Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Project ID: **1985 BLUE HILL AVE. EXT., WINDSOR, CT**
SDG ID: **GCR37880**
Sample ID#s: **CR37880 - CR37897**

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

August 13, 2024

SDG I.D.: GCR37880

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT

Client Id	Lab Id	Matrix
SV-1	CR37880	AIR
SV-2	CR37881	AIR
SV-3	CR37882	AIR
SV-4	CR37883	AIR
SV-5	CR37884	AIR
SV-6	CR37885	AIR
SV-7	CR37886	AIR
SV-8	CR37887	AIR
SV-9	CR37888	AIR
SV-10	CR37889	AIR
SV-11	CR37890	AIR
SV-12	CR37891	AIR
SV-13	CR37892	AIR
SV-14	CR37893	AIR
SV-15	CR37894	AIR
SV-16	CR37895	AIR
SV-17	CR37896	AIR
SV-18	CR37897	AIR

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP, AM	08/08/24	15:37
Location Code:	ZUVIC	Received by:	SR1	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	4630				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37880

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/09/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/09/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/09/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/09/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/09/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/09/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/09/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/09/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/09/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/09/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/09/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/09/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/09/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/09/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/09/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/09/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37880
Client ID: SV-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/09/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/09/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/09/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/09/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/09/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/09/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/09/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/09/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/09/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/09/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/09/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/09/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/09/24	KCA	5
Ethanol	58.5	*3.75*	110	*7.06*	08/09/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/09/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/09/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/09/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/09/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/09/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/09/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/09/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/09/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/09/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/09/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/09/24	KCA	5
Tetrachloroethene	ND	*0.500*	ND	*3.39*	08/09/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/09/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/09/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/09/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/09/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/09/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/09/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/09/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	104	*%*	104	*%*	08/09/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	103	*%*	103	*%*	08/09/24	KCA	5
% IS-Bromochloromethane (5x)	104	*%*	104	*%*	08/09/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	107	*%*	107	*%*	08/09/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-1

Phoenix I.D.: CR37880

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP, AM	08/08/24	15:51
Location Code:	ZUVIC	Received by:	SR1	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49262				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37881

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/09/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/09/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/09/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/09/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/09/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/09/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/09/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/09/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/09/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/09/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/09/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/09/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/09/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/09/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/09/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/09/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37881
Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/09/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/09/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/09/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/09/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/09/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/09/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/09/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/09/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/09/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/09/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/09/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/09/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/09/24	KCA	5
Ethanol	13.5	*3.75*	25.4	*7.06*	08/09/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/09/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/09/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/09/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/09/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/09/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/09/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/09/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/09/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/09/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/09/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/09/24	KCA	5
Tetrachloroethene	ND	*0.500*	ND	*3.39*	08/09/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/09/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/09/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/09/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/09/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/09/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/09/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/09/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	102	*%*	102	*%*	08/09/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	103	*%*	103	*%*	08/09/24	KCA	5
% IS-Bromochloromethane (5x)	103	*%*	103	*%*	08/09/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	107	*%*	107	*%*	08/09/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-2

Phoenix I.D.: CR37881

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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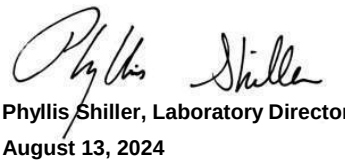

Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP,	08/08/24	18:06
Location Code:	ZUVIC	Received by:	SR1 AM	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49261				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37882

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/09/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/09/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/09/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/09/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/09/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/09/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/09/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/09/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/09/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/09/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/09/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/09/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/09/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/09/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/09/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/09/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37882
Client ID: SV-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/09/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/09/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/09/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/09/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/09/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/09/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/09/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/09/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/09/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/09/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/09/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/09/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/09/24	KCA	5
Ethanol	12.4	*3.75*	23.4	*7.06*	08/09/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/09/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/09/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/09/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/09/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/09/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/09/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/09/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/09/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/09/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/09/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/09/24	KCA	5
Tetrachloroethene	ND	*0.500*	ND	*3.39*	08/09/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/09/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/09/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/09/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/09/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/09/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/09/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/09/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	102	*%*	102	*%*	08/09/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	98	*%*	98	*%*	08/09/24	KCA	5
% IS-Bromochloromethane (5x)	102	*%*	102	*%*	08/09/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	103	*%*	103	*%*	08/09/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-3

Phoenix I.D.: CR37882

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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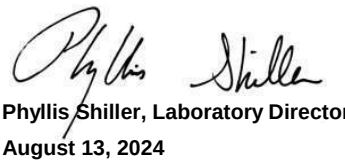

Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP,	08/08/24	17:59
Location Code:	ZUVIC	Received by:	SR1 AM	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23872				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37883

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/09/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/09/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/09/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/09/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/09/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/09/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/09/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/09/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/09/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/09/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/09/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/09/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/09/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/09/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/09/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/09/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37883
Client ID: SV-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/09/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/09/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/09/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/09/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/09/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/09/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/09/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/09/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/09/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/09/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/09/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/09/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/09/24	KCA	5
Ethanol	6.03	*3.75*	11.4	*7.06*	08/09/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/09/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/09/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/09/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/09/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/09/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/09/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/09/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/09/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/09/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/09/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/09/24	KCA	5
Tetrachloroethene	ND	*0.500*	ND	*3.39*	08/09/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/09/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/09/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/09/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/09/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/09/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/09/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/09/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	101	%	101	%	08/09/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	97	%	97	%	08/09/24	KCA	5
% IS-Bromochloromethane (5x)	101	%	101	%	08/09/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	101	%	101	%	08/09/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-4

Phoenix I.D.: CR37883

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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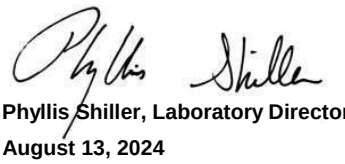


Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP,	08/08/24	18:29
Location Code:	ZUVIC	Received by:	SR1 AM	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49195				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37884

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/09/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/09/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/09/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/09/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/09/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/09/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/09/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/09/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/09/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/09/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/09/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/09/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/09/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/09/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/09/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/09/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37884
Client ID: SV-5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/09/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/09/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/09/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/09/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/09/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/09/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/09/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/09/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/09/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/09/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/09/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/09/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/09/24	KCA	5
Ethanol	20.7	*3.75*	39.0	*7.06*	08/09/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/09/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/09/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/09/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/09/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/09/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/09/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/09/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/09/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/09/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/09/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/09/24	KCA	5
Tetrachloroethene	ND	*0.500*	ND	*3.39*	08/09/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/09/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/09/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/09/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/09/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/09/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/09/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/09/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	103	*%*	103	*%*	08/09/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	95	*%*	95	*%*	08/09/24	KCA	5
% IS-Bromochloromethane (5x)	98	*%*	98	*%*	08/09/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	99	*%*	99	*%*	08/09/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-5

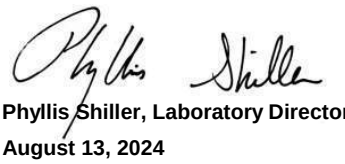
Phoenix I.D.: CR37884

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP, AM	08/08/24	18:38
Location Code:	ZUVIC	Received by:	SR1	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28608				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37885

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/09/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/09/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/09/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/09/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/09/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/09/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/09/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/09/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/09/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/09/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/09/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/09/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/09/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/09/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/09/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/09/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37885
Client ID: SV-6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/09/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/09/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/09/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/09/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/09/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/09/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/09/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/09/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/09/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/09/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/09/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/09/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/09/24	KCA	5
Ethanol	17.2	*3.75*	32.4	*7.06*	08/09/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/09/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/09/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/09/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/09/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/09/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/09/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/09/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/09/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/09/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/09/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/09/24	KCA	5
Tetrachloroethene	ND	*0.500*	ND	*3.39*	08/09/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/09/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/09/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/09/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/09/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/09/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/09/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/09/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	101	*%*	101	*%*	08/09/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	92	*%*	92	*%*	08/09/24	KCA	5
% IS-Bromochloromethane (5x)	95	*%*	95	*%*	08/09/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	97	*%*	97	*%*	08/09/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-6

Phoenix I.D.: CR37885

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP, AM	08/08/24	18:14
Location Code:	ZUVIC	Received by:	SR1	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49210				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37886

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-7

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/09/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/09/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/09/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/09/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/09/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/09/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/09/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/09/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/09/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/09/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/09/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/09/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/09/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/09/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/09/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/09/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37886
Client ID: SV-7

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/09/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/09/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/09/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/09/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/09/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/09/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/09/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/09/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/09/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/09/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/09/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/09/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/09/24	KCA	5
Ethanol	20.4	*3.75*	38.4	*7.06*	08/09/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/09/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/09/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/09/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/09/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/09/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/09/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/09/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/09/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/09/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/09/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/09/24	KCA	5
Tetrachloroethene	ND	*0.500*	ND	*3.39*	08/09/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/09/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/09/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/09/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/09/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/09/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/09/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/09/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	103	*%*	103	*%*	08/09/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	90	*%*	90	*%*	08/09/24	KCA	5
% IS-Bromochloromethane (5x)	95	*%*	95	*%*	08/09/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	96	*%*	96	*%*	08/09/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-7

Phoenix I.D.: CR37886

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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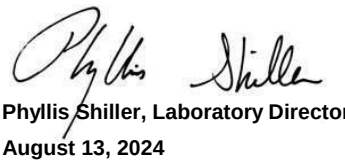

Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP,	08/08/24	17:50
Location Code:	ZUVIC	Received by:	SR1 AM	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28591				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37887

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-8

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/09/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/09/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/09/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/09/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/09/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/09/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/09/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/09/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/09/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/09/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/09/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/09/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/09/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/09/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Acetone	18.2	*3.75*	43.2	*8.90*	08/09/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/09/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/09/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/09/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37887
Client ID: SV-8

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/09/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/09/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/09/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/09/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/09/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/09/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/09/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/09/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/09/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/09/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/09/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/09/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/09/24	KCA	5
Ethanol	15.9	*3.75*	29.9	*7.06*	08/09/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/09/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/09/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/09/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/09/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/09/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/09/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/09/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/09/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/09/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/09/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/09/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/09/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/09/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/09/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/09/24	KCA	5
Tetrachloroethene	ND	*0.500*	ND	*3.39*	08/09/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/09/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/09/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/09/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/09/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/09/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/09/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/09/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/09/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	103	%	103	%	08/09/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	97	%	97	%	08/09/24	KCA	5
% IS-Bromochloromethane (5x)	100	%	100	%	08/09/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	100	%	100	%	08/09/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-8

Phoenix I.D.: CR37887

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP, AM	08/08/24	18:53
Location Code:	ZUVIC	Received by:	SR1	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28622				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37888

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-9

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/10/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/10/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/10/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/10/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/10/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/10/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/10/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/10/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/10/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/10/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/10/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/10/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/10/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/10/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/10/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/10/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37888
Client ID: SV-9

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/10/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/10/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/10/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/10/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/10/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/10/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/10/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/10/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/10/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/10/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/10/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/10/24	KCA	5
Ethanol	20.2	*3.75*	38.0	*7.06*	08/10/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/10/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/10/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/10/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/10/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/10/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/10/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/10/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/10/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/10/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/10/24	KCA	5
Tetrachloroethene	ND	*0.500*	ND	*3.39*	08/10/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/10/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/10/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/10/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/10/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/10/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/10/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	102	%	102	%	08/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	92	%	92	%	08/10/24	KCA	5
% IS-Bromochloromethane (5x)	94	%	94	%	08/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	97	%	97	%	08/10/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-9

Phoenix I.D.: CR37888

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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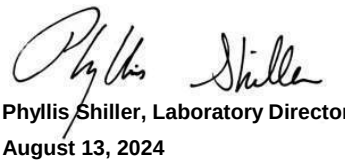


Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP, AM	08/08/24	14:08
Location Code:	ZUVIC	Received by:	SR1	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	21363				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37889

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-10

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/10/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/10/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/10/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/10/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/10/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/10/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/10/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/10/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/10/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/10/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/10/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/10/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/10/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/10/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/10/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/10/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37889
Client ID: SV-10

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/10/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/10/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/10/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/10/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/10/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/10/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/10/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/10/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/10/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/10/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/10/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/10/24	KCA	5
Ethanol	ND	*3.75*	ND	*7.06*	08/10/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/10/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/10/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/10/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/10/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/10/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/10/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/10/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/10/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/10/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/10/24	KCA	5
Tetrachloroethene	ND	*0.500*	ND	*3.39*	08/10/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/10/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/10/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/10/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/10/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/10/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/10/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	102	%	102	%	08/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	90	%	90	%	08/10/24	KCA	5
% IS-Bromochloromethane (5x)	95	%	95	%	08/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	94	%	94	%	08/10/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-10

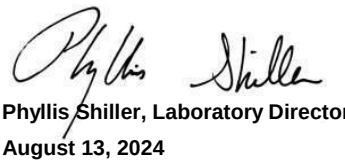
Phoenix I.D.: CR37889

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP,	08/08/24	14:36
Location Code:	ZUVIC	Received by:	SR1 AM	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28623				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37890

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-11

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/10/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/10/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/10/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/10/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/10/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/10/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/10/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/10/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/10/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/10/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/10/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/10/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/10/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/10/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/10/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/10/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37890
Client ID: SV-11

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/10/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/10/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/10/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/10/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/10/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/10/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/10/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/10/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/10/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/10/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/10/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/10/24	KCA	5
Ethanol	14.5	*3.75*	27.3	*7.06*	08/10/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/10/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/10/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/10/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/10/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
m,p-Xylene	ND	*5.50*	ND	*23.9*	08/10/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/10/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/10/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/10/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/10/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/10/24	KCA	5
Tetrachloroethene	ND	*0.500*	ND	*3.39*	08/10/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/10/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/10/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/10/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/10/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/10/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/10/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	105	*%*	105	*%*	08/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	89	*%*	89	*%*	08/10/24	KCA	5
% IS-Bromochloromethane (5x)	94	*%*	94	*%*	08/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	93	*%*	93	*%*	08/10/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-11

Phoenix I.D.: CR37890

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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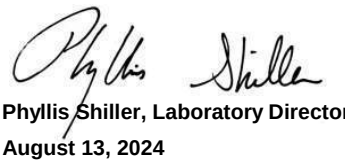


Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP, AM	08/08/24	15:22
Location Code:	ZUVIC	Received by:	SR1	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	16013				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37891

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-12

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/10/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/10/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/10/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/10/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/10/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/10/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/10/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/10/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/10/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/10/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/10/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/10/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Acetone	12.3	*3.75*	29.2	*8.90*	08/10/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/10/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/10/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/10/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37891
Client ID: SV-12

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/10/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/10/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/10/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/10/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/10/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/10/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/10/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/10/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/10/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/10/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/10/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/10/24	KCA	5
Ethanol	56.3	*3.75*	106	*7.06*	08/10/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/10/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/10/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/10/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/10/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/10/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/10/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/10/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/10/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/10/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/10/24	KCA	5
Tetrachloroethene	ND	*0.750*	ND	*5.08*	08/10/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/10/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/10/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/10/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/10/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/10/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/10/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	102	%	102	%	08/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	87	%	87	%	08/10/24	KCA	5
% IS-Bromochloromethane (5x)	91	%	91	%	08/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	92	%	92	%	08/10/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-12

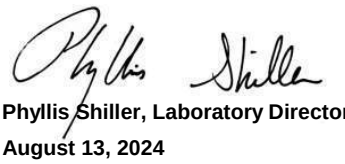
Phoenix I.D.: CR37891

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP, AM	08/08/24	14:24
Location Code:	ZUVIC	Received by:	SR1	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	21344				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37892

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-13

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/10/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/10/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/10/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/10/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/10/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/10/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/10/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/10/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/10/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/10/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/10/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/10/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/10/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/10/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/10/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/10/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37892
Client ID: SV-13

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/10/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/10/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/10/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/10/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/10/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/10/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/10/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/10/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/10/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/10/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/10/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/10/24	KCA	5
Ethanol	18.9	*3.75*	35.6	*7.06*	08/10/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/10/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/10/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/10/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/10/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/10/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/10/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/10/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/10/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/10/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/10/24	KCA	5
Tetrachloroethene	ND	*1.10*	ND	*7.46*	08/10/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/10/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/10/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/10/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/10/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/10/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/10/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	103	%	103	%	08/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	88	%	88	%	08/10/24	KCA	5
% IS-Bromochloromethane (5x)	92	%	92	%	08/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	91	%	91	%	08/10/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-13
Phoenix I.D.: CR37892

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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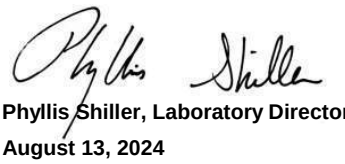

Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP,	08/08/24	17:45
Location Code:	ZUVIC	Received by:	SR1 AM	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	350				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37893

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-14

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/10/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/10/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/10/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/10/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/10/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/10/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/10/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/10/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/10/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/10/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/10/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/10/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/10/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/10/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/10/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/10/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37893
Client ID: SV-14

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/10/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/10/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/10/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/10/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/10/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/10/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/10/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/10/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/10/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/10/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/10/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/10/24	KCA	5
Ethanol	9.39	*3.75*	17.7	*7.06*	08/10/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/10/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/10/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/10/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/10/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/10/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/10/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/10/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/10/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/10/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/10/24	KCA	5
Tetrachloroethene	ND	*0.500*	ND	*3.39*	08/10/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/10/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/10/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/10/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/10/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/10/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/10/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	102	%	102	%	08/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	91	%	91	%	08/10/24	KCA	5
% IS-Bromochloromethane (5x)	95	%	95	%	08/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	95	%	95	%	08/10/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-14

Phoenix I.D.: CR37893

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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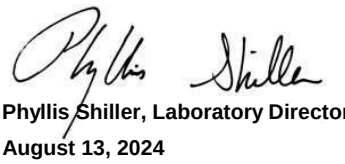


Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP,	08/08/24	13:48
Location Code:	ZUVIC	Received by:	SR1 AM	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49249				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37894

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/10/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/10/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/10/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/10/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/10/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/10/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/10/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/10/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/10/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/10/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/10/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/10/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/10/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/10/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/10/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/10/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37894
Client ID: SV-15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/10/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/10/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/10/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/10/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/10/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/10/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/10/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/10/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/10/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/10/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/10/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/10/24	KCA	5
Ethanol	19.1	*3.75*	36.0	*7.06*	08/10/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/10/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/10/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/10/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/10/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/10/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/10/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/10/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/10/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/10/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/10/24	KCA	5
Tetrachloroethene	ND	*0.500*	ND	*3.39*	08/10/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/10/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/10/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/10/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/10/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/10/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/10/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	103	%	103	%	08/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	92	%	92	%	08/10/24	KCA	5
% IS-Bromochloromethane (5x)	94	%	94	%	08/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	96	%	96	%	08/10/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-15
Phoenix I.D.: CR37894

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP, AM	08/08/24	14:13
Location Code:	ZUVIC	Received by:	SR1	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28597				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37895

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-16

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/10/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/10/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/10/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/10/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/10/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/10/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/10/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/10/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/10/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/10/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/10/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/10/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/10/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/10/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/10/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/10/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37895
Client ID: SV-16

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/10/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/10/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/10/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/10/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/10/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/10/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/10/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/10/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/10/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/10/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/10/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/10/24	KCA	5
Ethanol	21.1	*3.75*	39.7	*7.06*	08/10/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/10/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/10/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/10/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/10/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/10/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/10/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/10/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/10/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/10/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/10/24	KCA	5
Tetrachloroethene	ND	*0.500*	ND	*3.39*	08/10/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/10/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/10/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/10/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/10/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/10/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/10/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	102	%	102	%	08/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	87	%	87	%	08/10/24	KCA	5
% IS-Bromochloromethane (5x)	93	%	93	%	08/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	93	%	93	%	08/10/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-16
Phoenix I.D.: CR37895

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP,	08/08/24	13:29
Location Code:	ZUVIC	Received by:	SR1 AM	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28556				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37896

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-17

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/10/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/10/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/10/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/10/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/10/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/10/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/10/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/10/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/10/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/10/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/10/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/10/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/10/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/10/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/10/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/10/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37896
Client ID: SV-17

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/10/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/10/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/10/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/10/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/10/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/10/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/10/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/10/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/10/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/10/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/10/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/10/24	KCA	5
Ethanol	27.5	*3.75*	51.8	*7.06*	08/10/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/10/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/10/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/10/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/10/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/10/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/10/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/10/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/10/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/10/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/10/24	KCA	5
Tetrachloroethene	ND	*1.00*	ND	*6.78*	08/10/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/10/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/10/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/10/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/10/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/10/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/10/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	100	*%*	100	*%*	08/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	90	*%*	90	*%*	08/10/24	KCA	5
% IS-Bromochloromethane (5x)	94	*%*	94	*%*	08/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	96	*%*	96	*%*	08/10/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-17

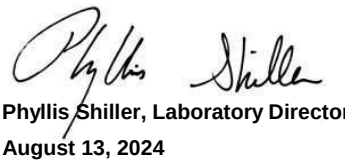
Phoenix I.D.: CR37896

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RO, KN, DP, AM	08/08/24	13:11
Location Code:	ZUVIC	Received by:	SR1	08/09/24	12:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	245				

Laboratory Data

SDG ID: GCR37880
Phoenix ID: CR37897

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-18

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	08/10/24	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	08/10/24	KCA	5
1,1,2,2-Tetrachloroethane	ND	*0.100*	ND	*0.69*	08/10/24	KCA	5
1,1,2-Trichloroethane	ND	*0.100*	ND	*0.55*	08/10/24	KCA	5
1,1-Dichloroethane	ND	*0.750*	ND	*3.03*	08/10/24	KCA	5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2,4-Trichlorobenzene	ND	*0.100*	ND	*0.74*	08/10/24	KCA	5
1,2,4-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,2-Dibromoethane(EDB)	ND	*0.100*	ND	*0.77*	08/10/24	KCA	5
1,2-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,2-Dichloroethane	ND	*0.100*	ND	*0.40*	08/10/24	KCA	5
1,2-dichloropropane	ND	*0.100*	ND	*0.46*	08/10/24	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	08/10/24	KCA	5
1,3,5-Trimethylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
1,3-Butadiene	ND	*1.00*	ND	*2.21*	08/10/24	KCA	5
1,3-Dichlorobenzene	ND	*0.500*	ND	*3.00*	08/10/24	KCA	5
1,4-Dichlorobenzene	ND	*0.400*	ND	*2.40*	08/10/24	KCA	5
1,4-Dioxane	ND	*0.250*	ND	*0.90*	08/10/24	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
4-Ethyltoluene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Acetone	ND	*3.75*	ND	*8.90*	08/10/24	KCA	5
Acrylonitrile	ND	*1.00*	ND	*2.17*	08/10/24	KCA	5
Benzene	ND	*1.00*	ND	*3.19*	08/10/24	KCA	5
Benzyl chloride	ND	*1.00*	ND	*5.17*	08/10/24	KCA	5

Ver 1

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Phoenix I.D.: CR37897
Client ID: SV-18

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.100*	ND	*0.67*	08/10/24	KCA	5
Bromoform	ND	*0.250*	ND	*2.58*	08/10/24	KCA	5
Bromomethane	ND	*0.700*	ND	*2.72*	08/10/24	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	08/10/24	KCA	5
Carbon Tetrachloride	ND	*0.430*	ND	*2.70*	08/10/24	KCA	5
Chlorobenzene	ND	*1.00*	ND	*4.60*	08/10/24	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	08/10/24	KCA	5
Chloroform	ND	*1.00*	ND	*4.88*	08/10/24	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	08/10/24	KCA	5
Cis-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
cis-1,3-Dichloropropene	ND	*0.500*	ND	*2.27*	08/10/24	KCA	5
Cyclohexane	ND	*2.50*	ND	*8.60*	08/10/24	KCA	5
Dibromochloromethane	ND	*0.100*	ND	*0.85*	08/10/24	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	08/10/24	KCA	5
Ethanol	22.1	*3.75*	41.6	*7.06*	08/10/24	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	08/10/24	KCA	5
Ethylbenzene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Heptane	ND	*2.50*	ND	*10.2*	08/10/24	KCA	5
Hexachlorobutadiene	ND	*0.100*	ND	*1.07*	08/10/24	KCA	5
Hexane	ND	*2.25*	ND	*7.93*	08/10/24	KCA	5
Isopropylalcohol	ND	*3.75*	ND	*9.21*	08/10/24	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	08/10/24	KCA	5
m,p-Xylene	ND	*5.00*	ND	*21.7*	08/10/24	KCA	5
Methyl Ethyl Ketone	ND	*2.25*	ND	*6.63*	08/10/24	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	08/10/24	KCA	5
Methylene Chloride	ND	*15.0*	ND	*52.1*	08/10/24	KCA	5
Naphthalene	ND	*0.500*	ND	*2.62*	08/10/24	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
o-Xylene	ND	*2.50*	ND	*10.8*	08/10/24	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	08/10/24	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	08/10/24	KCA	5
Styrene	ND	*1.00*	ND	*4.26*	08/10/24	KCA	5
Tetrachloroethene	ND	*1.50*	ND	*10.2*	08/10/24	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	08/10/24	KCA	5
Toluene	ND	*2.50*	ND	*9.42*	08/10/24	KCA	5
Trans-1,2-Dichloroethene	ND	*1.00*	ND	*3.96*	08/10/24	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	08/10/24	KCA	5
Trichloroethene	ND	*0.250*	ND	*1.34*	08/10/24	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	08/10/24	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	08/10/24	KCA	5
Vinyl Chloride	ND	*0.100*	ND	*0.26*	08/10/24	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	100	%	100	%	08/10/24	KCA	5
% IS-1,4-Difluorobenzene (5x)	88	%	88	%	08/10/24	KCA	5
% IS-Bromochloromethane (5x)	92	%	92	%	08/10/24	KCA	5
% IS-Chlorobenzene-d5 (5x)	94	%	94	%	08/10/24	KCA	5

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
Client ID: SV-18
Phoenix I.D.: CR37897

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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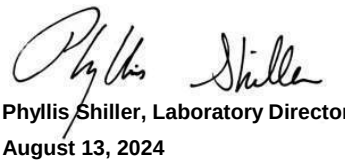


Phyllis Shiller, Laboratory Director
August 13, 2024
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Canister Sampling Information

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Location Code: ZUVIC

SDG I.D.: GCR37880

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SV-1	CR37880	4630	6.0L	10580	07/30/24	-30	-7	184	190	3.2	-27	-7	08/08/24 15:11	08/08/24 15:37
SV-2	CR37881	49262	6.0L	7010	07/30/24	-30	-6	176	185	5.0	-27.5	-7	08/08/24 15:24	08/08/24 15:51
SV-3	CR37882	49261	6.0L	10702	07/30/24	-30	-6	174	175	0.6	-29	-7	08/08/24 17:37	08/08/24 18:06
SV-4	CR37883	23872	6.0L	7008	07/30/24	-30	-6	177	185	4.4	-283.5	-7	08/08/24 17:31	08/08/24 17:59
SV-5	CR37884	49195	6.0L	10680	07/30/24	-30	-6	182	183	0.5	-27	-7	08/08/24 18:01	08/08/24 18:29
SV-6	CR37885	28608	6.0L	10585	07/30/24	-30	-7	182	173	5.1	-27.5	-7	08/08/24 18:10	08/08/24 18:38
SV-7	CR37886	49210	6.0L	4498	07/30/24	-30	-7	174	177	1.7	-28	-7	08/08/24 17:47	08/08/24 18:14
SV-8	CR37887	28591	6.0L	19860	07/30/24	-30	-8	173	176	1.7	-27.5	-7	08/08/24 17:23	08/08/24 17:50
SV-9	CR37888	28622	6.0L	10671	07/30/24	-30	-6	170	173	1.7	-28	-7	08/08/24 18:23	08/08/24 18:53
SV-10	CR37889	21363	6.0L	3502	07/30/24	-30	-6	172	175	1.7	-27.5	-6.5	08/08/24 13:39	08/08/24 14:08
SV-11	CR37890	28623	6.0L	5520	07/30/24	-30	-7	173	166	4.1	-27	-7	08/08/24 14:06	08/08/24 14:36
SV-12	CR37891	16013	6.0L	19866	07/30/24	-30	-7	181	183	1.1	-26.5	-7	08/08/24 14:57	08/08/24 15:22
SV-13	CR37892	21344	6.0L	5402	07/30/24	-30	-7	176	176	0.0	27.5	-7	08/08/24 13:56	08/08/24 14:24
SV-14	CR37893	350	6.0L	7006	07/30/24	-30	-6	182	186	2.2	-28.5	-7	08/08/24 17:17	08/08/24 17:45

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Canister Sampling Information

August 13, 2024

FOR: Attn: Ryan Orlowski
Zuvic Associates, Inc.
40 Cold Springs Road
Rocky Hill, CT 06067

Location Code: ZUVIC

SDG I.D.: GCR37880

Project ID: 1985 BLUE HILL AVE. EXT., WINDSOR, CT

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SV-15	CR37894	49249	6.0L	3996	07/30/24	-30	-6	179	177	1.1	-28	-7	08/08/24 13:19	08/08/24 13:48
SV-16	CR37895	28597	6.0L	5403	07/30/24	-30	-6	180	178	1.1	-29	-7	08/08/24 13:45	08/08/24 14:13
SV-17	CR37896	28556	6.0L	3503	07/30/24	-30	-5	182	184	1.1	-29	-7	08/08/24 13:00	08/08/24 13:29
SV-18	CR37897	245	6.0L	00158	07/30/24	-30	-7	182	185	1.6	-29	-7	08/08/24 12:44	08/08/24 13:11

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

QA/QC Report

August 13, 2024

QA/QC Data

SDG I.D.: GCR37880

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 744313 (ppbv), QC Sample No: CR38018 (CR37880 (5X) , CR37881 (5X) , CR37882 (5X) , CR37883 (5X) , CR37884 (5X) , CR37885 (5X) , CR37886 (5X) , CR37887 (5X) , CR37888 (5X) , CR37889 (5X) , CR37890 (5X) , CR37891 (5X) , CR37892 (5X) , CR37893 (5X) , CR37894 (5X) , CR37895 (5X) , CR37896 (5X) , CR37897 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	95	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	97	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	96	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	100	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	98	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	87	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	113	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	117	62.4	63.4	12.7	12.9	1.6	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	107	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	94	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	94	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	112	20.9	21.5	4.26	4.37	2.5	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	88	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	108	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	106	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	91	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	101	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	111	65.8	66.3	13.4	13.5	0.7	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	104	4.27	4.34	0.779	0.791	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	94	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	80	1140	1190	479	501	4.5	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	81	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	105	121	128	38.0	40.1	5.4	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	120	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	96	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	103	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	94	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	101	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	98	0.60	0.67	0.095	0.107	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	101	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	93	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	96	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	87	1.10	0.97	0.532	0.469	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	100	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	108	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	96	201	212	58.4	61.5	5.2	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	102	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	100	4.25	4.39	0.859	0.889	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCR37880

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits	
Ethanol	ND	0.375	ND	0.71	59	1980 E	2090	1050 E	1110	5.6	70 - 130	25	I
Ethyl acetate	ND	0.250	ND	0.90	97	ND	ND	ND	ND	NC	70 - 130	25	
Ethylbenzene	ND	0.250	ND	1.08	109	68.6	70.3	15.8	16.2	2.5	70 - 130	25	
Heptane	ND	0.250	ND	1.02	97	152	156	37.0	38.1	2.9	70 - 130	25	
Hexachlorobutadiene	ND	0.005	ND	0.05	118	ND	ND	ND	ND	NC	70 - 130	25	
Hexane	ND	0.225	ND	0.79	108	454	483	129	137	6.0	70 - 130	25	
Isopropylalcohol	ND	0.375	ND	0.92	70	1360 E	1440	554 E	585	5.4	70 - 130	25	
Isopropylbenzene	ND	0.250	ND	1.23	99	5.16	5.35	1.05	1.09	NC	70 - 130	25	
m,p-Xylene	ND	0.500	ND	2.17	113	212	214	48.9	49.4	1.0	70 - 130	25	
Methyl Ethyl Ketone	ND	0.225	ND	0.66	99	198	209	67.1	71.0	5.6	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	104	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	1.50	ND	5.21	87	31.5	32.4	9.08	9.34	2.8	70 - 130	25	
Naphthalene	ND	0.050	ND	0.26	115	4.29	4.50	0.820	0.860	4.8	70 - 130	25	
n-Butylbenzene	ND	0.250	ND	1.37	111	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.250	ND	1.08	105	81.1	82.5	18.7	19.0	1.6	70 - 130	25	
Propylene	ND	0.250	ND	0.43	96	ND	ND	ND	ND	NC	70 - 130	25	
sec-Butylbenzene	ND	0.250	ND	1.37	102	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.100	ND	0.43	115	0.43	0.43	0.100	0.101	NC	70 - 130	25	
Tetrachloroethene	ND	0.050	ND	0.34	101	10.2	10.5	1.50	1.55	3.3	70 - 130	25	
Tetrahydrofuran	ND	0.250	ND	0.74	101	ND	ND	ND	ND	NC	70 - 130	25	
Toluene	ND	0.250	ND	0.94	105	365	367	96.9	97.5	0.6	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	109	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.025	ND	0.13	100	ND	ND	ND	ND	NC	70 - 130	25	
Trichlorofluoromethane	ND	0.250	ND	1.40	92	ND	ND	ND	ND	NC	70 - 130	25	
Trichlorotrifluoroethane	ND	0.250	ND	1.91	100	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.050	ND	0.13	90	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	104	%	104	%	101	100	100	100	100	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	100	%	100	%	98	82	82	82	82	NC	60 - 140	25	
% IS-Bromochloromethane	104	%	104	%	94	69	68	69	68	NC	60 - 140	25	
% IS-Chlorobenzene-d5	103	%	103	%	104	109	111	109	111	NC	60 - 140	25	

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
August 13, 2024

Tuesday, August 13, 2024

Criteria: CT: R-SVVC

State: CT

Sample Criteria Exceedances Report

GCR37880 - ZUVIC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name Phoenix Environmental Labs, Inc.	Client Name Zuvic Associates, Inc.
Project Location 1985 BLUE HILL AVE. EXT., WINDSOR, CT	Project No.
Sampling Date(s) 8/8/2024	Laboratory Sample ID(s): CR37880-CR37897

LIST RCP METHODS USED (e.g., 8260,8270, etc.) TO15

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 CT DEEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH methods only: Was the VPH or EPH method conducted without significant modifications (see respective RCPs)	☐ Yes ☐ No ☑ NA
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (≤6° C)? *If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6ºC are acceptable.*	☑ Yes ☐ No ☐ NA
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Section: AIRSIM.	☐ Yes ☑ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ Yes ☐ No
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 spikes and laboratory duplicates included in this data set for applicable RCPs?	☐ 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 the 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: Ethan Lee Position: Project Manager

Printed Name: Ethan Lee Date: Tuesday, August 13, 2024

Name of Laboratory Phoenix Environmental Laboratory, Inc.

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

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

RCP Certification Report

August 13, 2024

SDG I.D.: GCR37880

AIRSIM

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 744313 (Samples: CR37880, CR37881, CR37882, CR37883, CR37884, CR37885, CR37886, CR37887, CR37888, CR37889, CR37890, CR37891, CR37892, CR37893, CR37894, CR37895, CR37896, CR37897): -----

The LCS and/or the LCSD recovery is below the method criteria. All of the other QC is acceptable, therefore no significant bias is suspected. (Ethanol)

Instrument:

CHEM20 08/09/24-1 Jamie Litchfield, Chemist 08/09/24

CR37880 (5X), CR37881 (5X), CR37882 (5X), CR37883 (5X), CR37884 (5X), CR37885 (5X), CR37886 (5X), CR37887 (5X), CR37888 (5X), CR37889 (5X), CR37890 (5X), CR37891 (5X), CR37892 (5X), CR37893 (5X), CR37894 (5X), CR37895 (5X), CR37896 (5X), CR37897 (5X)

Initial Calibration Evaluation (CHEM20/20_AIR_0802):
100% of target compounds met criteria.
The following compounds had %RSDs >30%: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet a minimum response factors: [MINRFNOTMET_COMPOUNDLIST]

Continuing Calibration Verification #1 (CHEM20/0809_02-20_AIR_0802):
Internal standard areas were within 60 to 140% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: [MINRFNOTMET_COMPOUNDLIST]

QC (Batch Specific):

Batch 744313 (CR38018)

CR37880(5X), CR37881(5X), CR37882(5X), CR37883(5X), CR37884(5X), CR37885(5X), CR37886(5X), CR37887(5X), CR37888(5X), CR37889(5X), CR37890(5X), CR37891(5X), CR37892(5X), CR37893(5X), CR37894(5X), CR37895(5X), CR37896(5X), CR37897(5X)

All LCS recoveries were within 70 - 130 with the following exceptions: Ethanol(59%)

August 13, 2024

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Data Usability Evaluation Worksheet

Project Name: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
SDG ID: GCR37880
Sample Delivery Group Number:
Dates Samples Collected: 8/8/2024

Describe the intended use of the data:

DQA Nonconformance Summary

Standard RCP Deliverables

Data Package Inspection

Reasonable Confidence Evaluation

Chain of Custody Evaluation

Sample Result Evaluation

Sample Preseveration and Holding Time Evaluation

Blank Evaluation

Laboratory Control Samples

Surrogates

August 13, 2024

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Data Usability Evaluation Worksheet

Project Name: 1985 BLUE HILL AVE. EXT., WINDSOR, CT
SDG ID: GCR37880
Sample Delivery Group Number:
Dates Samples Collected: 8/8/2024

Site Specific MS and MSD

TICs

Other QC Data

Continuing Calibration Evaluation

Notes

CHAIN OF CUSTODY RECORD

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

ZUVIC

AIR ANALYSES

860-645-1102

email: greg@phoenixlabs.com

P.O. # | Page 1 of 2

Data Delivery:
- ☐ Fax #:
- ☒ Email: ryan.orlowski@zuvic.com
- ☒ Phone #: 860-508-2260

Report to:	Dan Pinho, Ryan Orlowski	Project Name: # 28246-10 1985 Blue Hills Ave. Ext., Windsor, CT	Data Format: (Circle) Equis (Excel) Other: PDF
Customer:	Zuvic Associates, Inc.	Invoice to: ryan.orlowski@zuvic.com	Requested Deliverable: (RCP) ASP CAT B
Address:	40 Cold Springs Road	carolina.zuzgado@zuvic.com	MCP NJ Deliverables
15113	Rocky Hill, CT 06067	Sampled by: RO, KN, DP, AM	Quote Number: ZU072023BA

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
37880	SV-1	4630	6.0L	-30	-7	10580	184	1511	1537	8/8/24	-27	-7		X	G	X	
37881	SV-2	49262	6.0L	-30	-6	7010	176	1524	1551	8/8/24	-27.5	-7		X	G	X	
37882	SV-3	49261	6.0L	-30	-6	10702	174	1737	1806	8/8/24	-29	-7		X	G	X	
37883	SV-4	23872	6.0L	-30	-6	7008	177	1731	1759	8/8/24	-28.5	-7		X	G	X	
37884	SV-5	49195	6.0L	-30	-6	10680	182	1801	1829	8/8/24	-27	-7		X	G	X	
37885	SV-6	28608	6.0L	-30	-7	10585	182	1810	1838	8/8/24	-27.5	-7		X	G	X	
37886	SV-7	49210	6.0L	-30	-7	4498	174	1747	1814	8/8/24	-28	-7		X	G	X	
37887	SV-8	28591	6.0L	-30	-8	19860	173	17:23	1750	8/8/24	-27.5	-7		X	G	X	
37888	SV-9	28622	6.0L	-30	-6	10671	170	1823	1853	8/8/24	-28	-7		X	G	X	
37889	SV-10	21363	6.0L	-30	-6	3502	172	1339	1408	8/8/24	-27.5	-6.5		X	G	X	

Relinquished by:	Accepted by:	Date:	Time:
RO		8/9/24	1122
		8/9/24	12:00

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: _____ Date: _____

State Where Samples Collected: CT

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(19) - 6.0L 30 min, 40ft Tubing, 19 Connectors

Canister #12871 was not used (page 2)

Turnaround Time:
- 1 Day* ☐
- 2 Day* ☐
- 3 Day* ☐
- 4 Day* ☐
- 5 Day* ☐
- Standard ☒

*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C	Indoor Air: Residential Ind/Commercial	Indoor Air: Residential Ind/Commercial	Vapor Intrusion	Indoor Air Residential Non-residential	Indoor Air Residential Industrial
TAC RES	Soil Gas: Residential Ind/Commercial	Soil Gas: Residential Ind/Commercial			Sub-slab Residential Industrial
SVVC I/C					
SVVC RES					
GWV I/C					
GWV CES					

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823
ZUVIC

860-645-1102
email: greg@phoenixlabs.com

P.O. # Page 2 of 2

Data Delivery:
☐ Fax #:
☒ Email: ryan.orlowski@zuvic.com
☒ Phone #: 860-508-2260

Report to:	Dan Pinho, Ryan Orlowski	Project Name: #23246-10 1485 Blue Hills Ave, Ext, Windsor, CT	Data Format: (Circle) Equis Excel Other: PDF		
Customer:	Zuvic Associates, Inc.	Invoice to: ryan.orlowski@zuvic.com	Requested Deliverable: RCP ASP CAT B		
Address:	40 Cold Springs Road	carolina.delgado@zuvic.com	MCP NJ Deliverables		
16113	Rocky Hill, CT 06067	Sampled by: RO, KN, DP, AM.	Quote Number: ZU072023B1		

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
37890	SV-11	28623	6.0L	-30	-7	5520	173	1406	1436	8/8/24	-27	-7		X	G	X	
37891	SV-12	16013	6.0L	-30	-7	19866	181	1457	1522	8/8/24	-26.5	-7		X	G	X	
37892	SV-13	21344	6.0L	-30	-7	5402	176	1356	1424	8/8/24	-27.5	-7		X	G	X	
37893	SV-14	350	6.0L	-30	-6	7006	182	1717	1745	8/8/24	-28.5	-7		X	G	X	
37894	SV-15	49249	6.0L	-30	-6	3996	179	1319	1348	8/8/24	-28	-7		X	G	X	
37895	SV-16	28597	6.0L	-30	-6	5403	180	1345	1413	8/7/24	-29	-7		X	G	X	
37896	SV-17	28556	6.0L	-30	-5	3503	182	1300	1329	8/8/24	-29	-7		X	G	X	
37897	SV-18	245	6.0L	-30	-7	00158	182	1244	1311	8/8/24	-29	-7		X	G	X	
		12871	6.0L	-30		10600	176			~~8/8/24~~	RTD						

Relinquished by:	Accepted by:	Date:	Time:	
RTD - DP	DP	8/9/24	1122	I attest that all media released by Phoenix Environmental Labaratories, Inc. have been received in good working canditian and agree to the terms and conditians as listed on the back of this dacument:
DP		8/9/24	1200	Signature: Date:

State Where Samples Collected: CT

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(19) - 6.0L 30 min, 40ft Tubing, 19 Connectors
Canister ID # 12871 was not used.
CAN ID # 12871 Received. RTD
UNUSED

Turnaround Time:
1 Day* ☐
2 Day* ☐
3 Day* ☐
4 Day* ☐
5 Day* ☐
Standard ☒
*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle) CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES	Indoor Air: Residential Ind/Commercial Soil Gas: Residential Ind/Commercial	Indoor Air: Residential Ind/Commercial Soil Gas: Residential Ind/Commercial	Vapor Intrusion	Indoor Air Residential Non-residential	Indoor Air Residential Industrial Sub-slab Residential Industrial

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 176
Page 841 of 864

DATA USABILITY EVALUATION – RCP DATA

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT
Laboratory: Complete Environmental Testing (CET)
Sample Delivery Group Number: Phoenix: GCR37880
Date Samples Collected: 8/8/2024
Reviewer: Ayah Al-Majahed
Quality Objectives/Intended Use of Data: Supplemental Investigation – To evaluate soil vapor conditions beneath building

GENERAL – provide description/additional information for any unchecked item

X	Holding times met
X	Proper sample preservatives, containers and lab receipt temperature
X	Acceptable laboratory report inspection
X	Acceptable chain of custody inspection
X	Acceptable sample result inspection
NA	Sample results reported on dry weight basis
X	Reporting limits less than most stringent applicable criteria for COCs (previously detected)
Notes: Soil Vapor	
X	DATA ARE USABLE
Exceptions:	

RCP LABORATORY ANALYSIS QA/QC CERTIFICATION FORM - provide description/additional information for any unchecked item

X	Provided by laboratory
X	Signed and dated
X	Questions 1, 1A, 1B answered "YES" or "N/A"
X	Case narrative provided for all "NO" answers to questions 2 through 7
X	QC exceptions report provided if Question 4 is answered "NO"
Notes:	
X	REASONABLE CONFIDENCE ACHIEVED
Exceptions:	

LABORATORY AND FIELD/TRIP BLANKS – If no compounds detected in blanks, note NA

NA	Contaminants present in blanks are not contaminants of concern (COC) (see list below)
Exceptions:	
NA	The COC present in blanks are common laboratory contaminants (see list below)
Exceptions:	
NA	Ten times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
NA	Five times rule (see below) applied for samples/compounds below (DATA ARE USABLE):
Remaining exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: GCR37880

LABORATORY AND FIELD DUPLICATES – If duplicates not analyzed, note NA

NA	Compound/duplicates with high relative percent differences (RPD) are not COC
Exceptions/RPD/Allowable RPD:	
Exceptions may result from sample inhomogeneity resulting in a non-directional bias	
NA	DATA ARE USABLE
Exceptions:	

LABORATORY CONTROL SAMPLES – If all LCS and LCSD are within allowable limits, note NA

X	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery: Ethanol;59%; 70-130	
NA	Compounds with low recoveries are poorly performing compounds (see list below)
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds (see list below)
Exceptions:	
X	DATA ARE USABLE
Exceptions:	The LCS and/or LCSD recovery was below the method criteria for Ethanol. All of the other QC is acceptable, therefore no bias is suspected of ethanol results.

CALIBRATION SAMPLES – If all CCS are within allowable limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: GCR37880

MATRIX SPIKES/MATRIX SPIKE DUPES – If MS/MSD not analyzed or are all within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

SURROGATE SAMPLES – If all surrogates are within limits, note NA

NA	Compounds with low recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with low recoveries are poorly performing compounds
Exceptions:	
NA	Compounds with high recoveries are not COC
Exceptions/% Recovery/Allowable % recovery:	
NA	Compounds with high recoveries are poorly performing compounds
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: GCR37880

SITE CONTAMINANTS OF CONCERN - project manager to complete

	Extractable total petroleum hydrocarbons (ETPH)
	Aromatic volatile organic compounds (AVOCs)
X	Volatile organic compounds (VOCs)
	Chlorinated solvents (e.g., PCE, TCE, TCA)
	Chlorinated solvent breakdown products (e.g., VC, DCE, DCA)
	Polynuclear aromatic hydrocarbons (PAHs)
	Polychlorinated biphenyls (PCBs)
	Phthalates
	Pesticides
	Herbicides
	Cyanide
	Arsenic
	Barium
	Cadmium
	Chromium – total or hexavalent
	Copper
	Lead
	Mercury
	Nickel
	Selenium
	Silver
	Zinc
	Ethylene Glycol
	Semi volatile organic compounds (SVOCs)

SAMPLE RESULT EVALUATION - project manager to complete

X	Full COC list used
Exception:	
X	Results address COCs
Exceptions:	
X	Samples were representative of Site soil vapor conditions beneath the building
Exceptions:	
X	DATA ARE USABLE
Exceptions:	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: GCR37880

COMMON LABORATORY CONTAMINANTS and POORLY PERFORMING COMPOUNDS are presented in Appendices G and F, respectively of "Laboratory Quality Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document" CTDEEP, May 2009, revised April 2024. Additional compounds were identified by ZUVIC as poorly performing compounds based on discussions with laboratory personnel.

Poorly Performing Compounds	Common Lab Contaminants
Acetone	Methylene chloride
Benzyl Alcohol	Acetone
Bromoform	2-Butanone (MEK)
Bromomethane	Phthalates
1,2-dibromo-3-chloropropane	Freons (chloro fluoro methanes or ethanes)
Dichlorodifluoromethane	Cyclohexanone
Cis-1,3-dichloropropene	Cyclohexenone
2-Hexanone	Cyclohexanol
2-Butanone (MEK)	Cyclohexenol
4-Methyl-2-pentanone (MIBK)	Chlorocyclohexene
Naphthalene	Chlorocyclohexanol
Styrene	Diethyl ether
1,1,2,2-tetrachloroethane	Hexanes
4-chloroaniline	4-hydoxy-4-methyl-2-2pentanone
4-chloro-3-methylphenol	4-methyl-2-pentanone
4,6-dinitro-2-methylphenol	5,5-dimethyl-2(5H)-foranone
2,4-dinitrophenol	Zinc
Hexachlorocyclopentadiene	Aluminum
2-Nitroaniline	Iron
3-Nitroaniline	
4-Nitroaniline	
4-Nitrophenol	
Pentachlorophenol	
Phenol	
Pyridine	
2,4,5-Trichlorophenol	
2,4,6-Trichorophenol	
Chloromethane	
Chloroethane	
Dibromochloromethane	
1,4-dioxane	
trichlorofluoromethane	
Hexachlorobutadiene	

DATA USABILITY EVALUATION – RCP DATA (CONT.)

Project Name: 1985 Blue Hills Ave Extension, Windsor, CT

Sample Delivery Group: GCR37880

If the analyte is a **common laboratory contaminant**, the analyte must be present in the sample at a concentration of at least **10 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **zinc**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

If the analyte is **not a common laboratory contaminant**, it must be present in the sample at a concentration of at least **5 times** the concentration reported in the blank before it is considered to be present and not a result of contamination in the laboratory.

QUALIFIED OR NON-USABLE DATA – highlight qualified or non-usable data on the summary data tables.

SAMPLE/RESULT	ANALYTE	QUALI-FIED	NON-USABLE	DESCRIBE QUALIFICATIONS OR USABILITY

Appendix B

Alternative Release-Specific Pollutant Mobility Criteria Calculation for Lead

LEP Calculation and Use of Alternative Release–Specific Pollutant Mobility Criteria (PMC)
1985 Blue Hills Avenue Extension, Windsor, CT

Remediation Standard Regulations
Section 22a-133k-2(d)(4)

Alternative PMC = GWC X DF (K_d + ((O_w + O_aH')/Pb))

GWC (Groundwater Criteria Goal - Use lowest of groundwater criteria applicable to release area) = varies by compound in mg/l
DF (Dilution Factor) = 20 unitless
K_d (Distribution Coefficient) (Organic Contaminants may be approximated by: K_{oc}*f_{oc}) = varies by compound in L/kg
K_{oc} (Soil Organic Carbon-water Partition Coefficient for Organics only) = varies by compound in L/kg
f_{oc} (Soil Fraction of Organic Carbon for Organics only) = 0.001 kg/kg
O_w (Water-filled Soil Porosity) = 0.28 L_{water}/L_{soil}
O_a (Air-filled Soil Porosity) = 0.15 L_{air}/L_{soil}
H' (Henry's Law Constant) = varies by compound
P_b (Henry's Law Constant) = 1.5 kg/L

Compound	GWPC (mg/l)	SWPC (mg/l)	K_{oc} (L/kg)	K_d (L/kg)	H'	Alternative PMC (mg/kg)
Lead (inorganic)	0.015	0.013	NA	900	0	**234**

Notes:
GWPC = Groundwater Protection Criteria
SWPC = Surface Water Protection Criteria
mg/l = milligrams per liter
L/kg = Liters per kilogram
mg/kg = milligrams per kilogram
*APS criteria used

Prepared by: *DP* *11/01/24*
Checked by: *VLM* *11/06/24*

Appendix C

Additional and Alternative Criteria for Semi-Volatile Organic Compounds

Additional and Alternative Criteria	
Substance	**I/C DEC (mg/kg)**
Acenaphthylene	2,500
Anthracene	2,500
Benzo(a)anthracene	57
Benzo(a)pyrene	5.7
Benzo(b)fluoranthene	57
Benzo(k)fluoranthene	57
Fluoranthene	2,500
Fluorene	2,500
Naphthalene	2,500
Phenanthrene	2,500
Pyrene	2,500
Acenapthene	2,500
Benzo(e)pyrene	2,500
Bis(2-chloroethyl)ether	5.2
Bis(2-chloroisopropyl)ether	2,500
Bis(2-ethylhexyl)phthalate	409
Bromoform	724
Butyl Benzyl Phthalate	2,500
2-chlorophenol	2,500
Dibenz(a,h)anthracene	5.7
Dibromochloromethane	68
2,4-dichlorophenol	2,500
Di-n-butyl phthalate	2,500
Di-n-octyl phthalate	2,500
Hexachlorobenzene	3.6
Hexachloroethane	143
Pentachlorophenol	14.3
Perylene	2,500
Phenol	2,500
I/C DEC-Industrial/Commercial Direct Exposure Criteria	
mg/kg-milligrams per kilogram	

Appendix D

Opinion of Costs for Remedial Options 1, 2 and 3

Option 1 - Soil Excavation
Class 3 (Budgetary) Opinion of Cost

Budgetary (Class 3) Opinion of Cost		**Date Prepared:** 11/12/2024	**Sheet**	1
Project: Eversource, 1985 Blue Hills Avenue Extension, Windsor, CT		**Basis:** Similar previous work		
ZUVIC Inc.		**Estimator:** DP	**Checked by:**	VLM

DESCRIPTION: Remediation Costs, Remediation Oversight and Support, Preparation of a Remedial Action Report (RAR) and submittal to the CTDEEP, Installation of Post-Remediation Monitoring Wells, Post Remediation Compliance Monitoring and Reporting, Well abandonment, preparation of a Final Verification Report. Subcontractor costs include a 10% cost escalator for work in the future.

A Budgetary Opinion of Cost is made with available data and may be estimated by comparison with similar projects. This type of estimate is normally accurate within plus 40% or minus 20%. ZUVIC Inc. (ZUVIC) has no control over the cost of labor, materials, equipment or services furnished by others, over the Contractor's methods of determining prices, or over competitive bidding or market conditions. ZUVIC's opinion of costs is a judgment as an experienced and qualified professional, familiar with the remediation industry. ZUVIC cannot and does not guarantee that proposals, bids or actual costs will not vary from the opinion of cost prepared by ZUVIC.

Item No.	Item Description	Unit Meas.	No. Units	Per Unit	Total Cost
	Pre-Remediation				
	Remedial Excavation Program - Remediation Costs				
1	Remediation Contractor (Assumes excavation and backfill completed in 28 days plus one day for contingency)	Day	29	$3,850	$111,650
2	Transportation and Disposal of Contaminated Soil	Ton	5,000	$94	$467,500
3	Clean Fill	Ton	5,000	$33	$165,000
				Subtotal	**$744,150**
	Remediation Oversight and Support				
4	Project Management	LS	1	$19,500	$19,500
5	Waste Profiling Sample Collection and Assistance	LS	1	$5,600	$5,600
6	Private Utility Locator Clearance (Corbuilt) and Driller Cost (Geoprobe)	Day	1	$4,800	$4,800
7	Waste Profile Sample Analysis (7 samples)	LS	1	$5,200	$5,200
8	Field Oversight (includes equipment/supplies)	Day	29	$2,600	$75,400
9	Confirmation Soil Samples	LS	1	$93,500	$93,500
				Subtotal	**$204,000**
	Post-Remediation				
10	RAR and Submittal to CTDEEP	LS	1	$22,500	$22,500
11	Installation of monitoring wells for post-remediation compliance monitoring (assume 3 new monitoring wells)	LS	1	$16,000	$16,000
12	Post-Remediation Groundwater Compliance Monitoring (up to 8 rounds) assumes 11 wells to be sampled for metals, VOCs, ETPH, Pest, PAHs and PFAS)	LS	1	$108,200	$108,200
13	Groundwater Monitoring/Annual Status Report and Submittal to CTDEEP	LS	1	$9,100	$9,100
14	Well Abandonment	LS	1	$9,600	$9,600
15	Final Verification Report	LS	1	$39,000	$39,000
				Subtotal	**$204,400**
				OPINION OF TOTAL COST TO CLOSURE	**$1,152,550**
				OPINION OF COST -20%	**$922,040**
				OPINION OF COST +40%	**$1,613,570**

Note:
Class 3 Cost Estimate as defined in "Cost Estimate Classification System", AACE International Recommended Practice No. 17R-97

Assumptions:

- Costs indicated above are present worth costs.

-Remediation Cost assumes approximately 5,000 tons (3,300 cubic yards, using 1.5 cy per ton) of impacted soil will require excavation and off-site disposal. Assumes 29 days for the excavation of impacted soil and the backfill of imported clean fill materials. An additional day is added for contingency in case additional excavation is warranted based on confirmatory soil sampling results.

- Assumes 28 days of consultant oversight, however, a 29th day is added as a contingency in case the remediation program takes longer than expected or if another day is required based on confirmation sample results.
- Assumes 8 quarterly groundwater monitoring events will be completed and compliance will be demonstrated within 2 years.
- Assumes one round of soil confirmation samples to be collected along with an additional 25 percent of lab costs for any resampling.

-Assumes one groundwater monitoring report will be prepared and submitted to the CTDEEP. If required, a brief status report to DEEP will be prepared after the first year of sampling.

-Assumes dewatering and shoring of excavation will not be required.

Option 2: Soil Excavation and Use of Alternative Release-Specific PMC
Class 3 (Budgetary) Opinion of Cost

Budgetary (Class 3) Opinion of Cost		**Date Prepared:** 11/12/2024	**Sheet**	1
Project: Eversource, 1985 Blue Hills Avenue Extension, Windsor, CT		**Basis:** Similar previous work		
ZUVIC Inc.		**Estimator:** DP	**Checked by:**	VLM

DESCRIPTION: Remediation Costs, Remediation Oversight and Support, Preparation of a Remedial Action Report (RAR) and submittal to the CTDEEP, Installation of Post-Remediation Monitoring Wells, Post Remediation Compliance Monitoring and Reporting, Well abandonment, preparation of a Final Verification Report. Subcontractor costs include a 10% cost escalator for work in the future. Does not include excavation of REC 3 near B44.

A Budgetary Opinion of Cost is made with available data and may be estimated by comparison with similar projects. This type of estimate is normally accurate within plus 40% or minus 20%. ZUVIC Inc. (ZUVIC) has no control over the cost of labor, materials, equipment or services furnished by others, over the Contractor's methods of determining prices, or over competitive bidding or market conditions. ZUVIC's opinion of costs is a judgment as an experienced and qualified professional, familiar with the remediation industry. ZUVIC cannot and does not guarantee that proposals, bids or actual costs will not vary from the opinion of cost prepared by ZUVIC.

Item No.	Item Description	Unit Meas.	No. Units	Per Unit	Total Cost
	Pre-Remediation				
	Remedial Excavation Program - Remediation Costs				
1	Remediation Contractor (Assumes excavation and backfill completed in 27 days plus one day for contingency)	Day	28	$3,850	$107,800
2	Transportation and Disposal of Contaminated Soil	Ton	4,900	$94	$458,150
3	Clean Fill	Ton	4,900	$33	$161,700
				Subtotal	**$727,650**
	Remediation Oversight and Support				
4	Project Management	LS	1	$18,800	$18,800
5	Waste Profiling Sample Collection and Assistance	LS	1	$5,600	$5,600
6	Private Utility Locator Clearance (Corbuilt and Driller Cost (Geoprobe)	Day	1	$4,800	$4,800
7	Waste Profile Sample Analysis (7 samples)	LS	1	$5,200	$5,200
8	Field Oversight (includes equipment/supplies)	Day	28	$2,600	$72,800
9	Confirmation Soil Samples	LS	1	$86,500	$86,500
				Subtotal	**$193,700**
	Post-Remediation				
10	RAR and Submittal to CTDEEP	LS	1	$22,000	$22,000
11	Installation of monitoring wells for post-remediation compliance monitoring (assume 3 new monitoring wells)	LS	1	$16,000	$16,000
12	Post-Remediation Groundwater Compliance Monitoring (up to 8 rounds) assumes 11 wells to be sampled for metals, VOCs, ETPH, Pest, PAHs and PFAS)	LS	1	$108,200	$108,200
13	Groundwater Monitoring/Annual Status Report and Submittal to CTDEEP	LS	1	$9,100	$9,100
14	Well Abandonment	LS	1	$9,600	$9,600
15	Final Verification Report	LS	1	$39,000	$39,000
				Subtotal	**$203,900**
				OPINION OF TOTAL COST TO CLOSURE	**$1,125,250**
				OPINION OF COST -20%	**$900,200**
				OPINION OF COST +40%	**$1,575,350**

Note:
Class 3 Cost Estimate as defined in "Cost Estimate Classification System", AACE International Recommended Practice No. 17R-97

Assumptions:
- Costs indicated above are present worth costs.

-Remediation Cost assumes approximately 4,900 tons (3,250 cubic yards, using 1.5 cy per ton) of impacted soil will require excavation and off-site disposal. Assumes 37 days for the excavation of impacted soil and the backfill of imported clean fill materials. An additional day is added for contingency in case additional excavation is warranted based on confirmatory soil sampling results.

- Assumes 36 days of consultant oversight, however, a 37th day is added as a contingency in case the remediation program takes longer than expected or if another day is required based on confirmation sample results.

- Assumes 8 quarterly groundwater monitoring events will be completed and compliance will be demonstrated within 2 years.
- Assumes one round of soil confirmation samples to be collected along with an additional 25 percent of lab costs for any resampling.
-Assumes one groundwater monitoring report will be prepared and submitted to the CTDEEP. If required, a brief status report to DEEP will be prepared after the first year of sampling.
-Assumes dewatering and shoring of excavation will not be required.

Option 3: Industrial/Commercial Use Restriction and Excavation of Soil Exceeding the I/C DEC and the GA PMC

Class 3 (Budgetary) Opinion of Cost

Budgetary (Class 3) Opinion of Cost		**Date Prepared:** 11/12/2024; Revised 1/20/2025		**Sheet**	1
Project: Eversource, 1985 Blue Hills Avenue Extension, Windsor, CT		**Basis:** Similar previous work			
ZUVIC Inc.		**Estimator:** DP		**Checked by:**	VLM

DESCRIPTION: Remediation Costs, Remediation Oversight and Support, Preparation of a Remedial Action Report (RAR) and submittal to the CTDEEP, Installation of Post-Remediation Monitoring Wells, Post Remediation Compliance Monitoring and Reporting, Well abandonment, preparation of a Final Verification Report and preparation of an Environmental Land Use Restriction (ELUR) restricting site use to industrial/commercial. Subcontractor costs include a 10% cost escalator for work in the future. Includes excavation of AOC 4 and REC 3 near B29 only.

A Budgetary Opinion of Cost is made with available data and may be estimated by comparison with similar projects. This type of estimate is normally accurate within plus 40% or minus 20%. ZUVIC Inc. (ZUVIC) has no control over the cost of labor, materials, equipment or services furnished by others, over the Contractor's methods of determining prices, or over competitive bidding or market conditions. ZUVIC's opinion of costs is a judgment as an experienced and qualified professional, familiar with the remediation industry. ZUVIC cannot and does not guarantee that proposals, bids or actual costs will not vary from the opinion of cost prepared by ZUVIC.

Item No.	Item Description	Unit Meas.	No. Units	Per Unit	Total Cost
	Pre-Remediation				
	Remedial Excavation Program - Remediation Costs				
1	Remediation Contractor (Assumes excavation and backfill completed in 5 days plus one day for contingency)	Day	6	$3,850	$23,100
2	Transportation and Disposal of Contaminated Soil	Ton	710	$94	$66,385
3	Clean Fill	Ton	710	$33	$23,430
				Subtotal	**$112,915**
	Remediation Oversight and Support				
4	Project Management	LS	1	$6,000	$6,000
5	Waste Profiling Sample Collection and Assistance	LS	1	$3,100	$3,100
6	Private Utility Locator Clearance (Corbuilt and Driller Cost (Geoprobe))	Day	1	$4,250	$4,250
7	Waste Profile Sample Analysis (3 samples)	LS	1	$2,300	$2,300
8	Field Oversight (includes equipment/supplies)	Day	6	$2,600	$15,600
9	Confirmation Soil Samples	LS	1	$27,600	$27,600
				Subtotal	**$58,850**
	Post-Remediation				
10	RAR and Submittal to CTDEEP	LS	1	$15,000	$15,000
11	Installation of monitoring wells for post-remediation compliance monitoring (assume 3 new monitoring wells)	LS	1	$16,000	$16,000
12	Post-Remediation Groundwater Compliance Monitoring (up to 8 rounds) assumes 11 wells to be sampled for metals, VOCs, ETPH, Pest, PAHs and PFAS)	LS	1	$108,200	$108,200
13	Groundwater Monitoring/Annual Status Report and Submittal to CTDEEP	LS	1	$9,100	$9,100
14	Well Abandonment	LS	1	$9,600	$9,600
15	Final Verification Report	LS	1	$30,800	$30,800
16	ELUR preparation, A2 Survey, Public Notice	LS	1	$38,000	$38,000
				Subtotal	**$226,700**
				OPINION OF TOTAL COST TO CLOSURE	**$398,465**
				OPINION OF COST -20%	**$318,772**
				OPINION OF COST +40%	**$557,851**

Note:
Class 3 Cost Estimate as defined in "Cost Estimate Classification System", AACE International Recommended Practice No. 17R-97

Assumptions:

- Costs indicated above are present worth costs.
- Remediation Cost assumes approximately 710 tons (470 cubic yards, using 1.5 cy per ton) of impacted soil will require excavation and off-site disposal. Assumes 6 days for the excavation of impacted soil and the backfill of imported clean fill materials. An additional day is added for contingency in case additional excavation is warranted based on confirmatory soil sampling results.
- Assumes 5 days of consultant oversight, however, a 6th day is added as a contingency in case the remediation program takes longer than expected or if another day is required based on confirmation sample results.
- Assumes 8 quarterly groundwater monitoring events will be completed and compliance will be demonstrated within 2 years.
- Assumes one round of soil confirmation samples to be collected along with an additional 25 percent of lab costs for any resampling.
- Assumes one groundwater monitoring report will be prepared and submitted to the CTDEEP. If required, a brief status report to DEEP will be prepared after the first year of sampling.
- Assumes dewatering and shoring of excavation will not be required.

Appendix E

Public Notice Documentation

Hartford Courant media group

AFFIDAVIT OF PUBLICATION

Sold To
Hartford Courant Prepaid - CU80177741
285 Broad St
Hartford,CT 06115

Bill To
Hartford Courant Prepaid - CU80177741
285 Broad St
Hartford,CT 06115

State of Connecticut

January 18, 2025

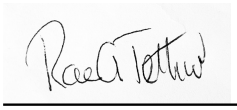
County of Hartford

Order No: 7754777
$197.65

I, Rae Tetlow, do solemnly swear that I am a representative of the Hartford Courant, printed and published daily, in the state of Connecticut and that from my own personal knowledge and reference to the files of said publication the advertisement of Public Notices was inserted in the regular edition.

On Dates as Follows:

Jan 17, 2025

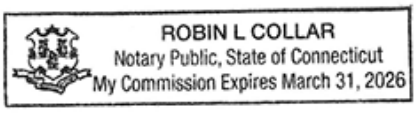


Rae Tetlow, Representative,

Subscribed and sworn before me on January 18, 2025



Notary Public



Name of Notary, Typed, Printed, or Stamped

Hartford Courant
media group

Public Notice of Remediation and Intent to Record an Environmental Use Restriction

The Rocky River Realty Company having an address of 107 Selden Street, Berlin, CT 06037, hereby gives notice in accordance with the Connecticut Transfer Act, Connecticut General Statutes Section 22a-134a(i), and the Regulations of Connecticut State Agencies Section 22a-133k-1(d)(1), that environmental remediation and the recordation of an Environmental Use Restriction ("EUR") is planned for the property at 1985 Blue Hills Avenue Extension, Windsor, Connecticut ("the property"). The Connecticut Department of Energy and Environmental Protection (CTDEEP) has assigned remediation identification number 14862 to the property. Remediation will be completed in accordance with the CTDEEP Remediation Standard Regulations. The purpose of the EUR is to limit property use to industrial/commercial (I/C). Remediation activities will include excavation and off-site disposal of impacted soil that exceeds I/C direct exposure criteria and pollutant mobility criteria. Remediation is anticipated to begin at the end of the first quarter of 2025 and be completed by the end of 2025. Any questions or comments concerning the planned remediation and intent to record an EUR should be directed in writing or via electronic mail to Victoria L. Man, LEP (victoria.man@zuvic.com), ZUVIC Inc., 40 Cold Spring Road, Rocky Hill, CT, or by calling (860) 899-1912.
1/17/2025 7754777

Order # - 7754777

ZUVIC
Infrastructure Solutions
www.zuvic.com
40 Cold Spring Road
Rocky Hill, CT 06067
Ph: (860) 436-4901

January 17, 2025

Ms. Nuchette Black-Burke
Mayor of Windsor
275 Broad Street
Windsor, CT 06095

RE: Notice of Remedial Action and Intent to Record an Environmental Use Restriction
Eversource Windsor Operations Center
1985 Blue Hills Avenue Extension, Windsor, Connecticut

Dear Ms. Black-Burke,

In accordance with the Connecticut Transfer Act, Connecticut General Statutes (CGS) Section 22a-134a(i), The Rocky River Realty Company, having an address of 107 Selden Street, Berlin, Connecticut, 06037, hereby provides public notice of environmental remediation that will be undertaken at 1985 Blue Hills Avenue Extension, Windsor, Connecticut to remove impacted soil that exceeds applicable remedial criteria. The Connecticut Department of Energy and Environmental Protection (CTDEEP) has assigned remediation identification number 14862 to the property.

Additionally, pursuant to the Regulations of Connecticut State Agencies Section 22a-133qk-1(d), notice of intent to record an Environmental Use Restriction (EUR) for the property is hereby provided. The purpose of the EUR is to limit property use to industrial/commercial.

The remediation activities are planned to be completed to meet the CTDEEP Remediation Standard Regulations and will include excavation and off-site disposal of impacted soil. Remediation is currently anticipated to begin at the end of the first quarter of 2025 and be completed by the end of 2025.

Any requests for additional information, questions, or comments concerning the planned remediation and the intent to record an EUR should be directed in writing or via electronic mail to Victoria L. Man, LEP (victoria.man@zuvic.com), ZUVIC Inc., 40 Cold Spring Road, Rocky Hill, CT. Alternatively, you can call Ms. Man at (860) 899-1912. This notice is for your information only and no action is required on your part.

Sincerely,
ZUVIC Inc.

Victoria L. Man
Victoria L. Man, LEP
Director of Environmental Services

ZUVIC
Infrastructure Solutions
www.zuvic.com
40 Cold Spring Road
Rocky Hill, CT 06067
Ph: (860) 436-4901

January 17, 2025

Dr. Michael A. Pepe
Director of Health
275 Broad Street
Windsor, CT 06095

RE: Notice of Remedial Action and Intent to Record an Environmental Use Restriction
Eversource Windsor Operations Center
1985 Blue Hills Avenue Extension, Windsor, Connecticut

Dear Dr. Pepe,

In accordance with the Connecticut Transfer Act, Connecticut General Statutes (CGS) Section 22a-134a(i), The Rocky River Realty Company, having an address of 107 Selden Street, Berlin, Connecticut, 06037, hereby provides public notice of environmental remediation that will be undertaken at 1985 Blue Hills Avenue Extension, Windsor, Connecticut to remove impacted soil that exceeds applicable remedial criteria. The Connecticut Department of Energy and Environmental Protection (CTDEEP) has assigned remediation identification number 14862 to the property.

Additionally, pursuant to the Regulations of Connecticut State Agencies Section 22a-133qk-1(d), notice of intent to record an Environmental Use Restriction (EUR) for the property is hereby provided. The purpose of the EUR is to limit property use to industrial/commercial.

The remediation activities are planned to be completed to meet the CTDEEP Remediation Standard Regulations and will include excavation and off-site disposal of impacted soil. Remediation is currently anticipated to begin at the end of the first quarter of 2025 and be completed by the end of 2025.

Any requests for additional information, questions, or comments concerning the planned remediation and the intent to record an EUR should be directed in writing or via electronic mail to Victoria L. Man, LEP (victoria.man@zuvic.com), ZUVIC Inc., 40 Cold Spring Road, Rocky Hill, CT. Alternatively, you can call Ms. Man at (860) 899-1912. This notice is for your information only and no action is required on your part.

Sincerely,
ZUVIC Inc.

Victoria L. Man

Victoria L. Man, LEP
Director of Environmental Services

ZUVIC
Infrastructure Solutions
www.zuvic.com
40 Cold Spring Road
Rocky Hill, CT 06067
Ph: (860) 436-4901

January 17, 2025

GRS Realty LLC
1 Griffin Road South
Bloomfield, CT 06002

RE: Notice of Remedial Action and Intent to Record an Environmental Use Restriction
Eversource Windsor Operations Center
1985 Blue Hills Avenue Extension, Windsor, Connecticut

Dear Neighbor,

In accordance with the Connecticut Transfer Act, Connecticut General Statutes (CGS) Section 22a-134a(i), The Rocky River Realty Company, having an address of 107 Selden Street, Berlin, Connecticut, 06037, hereby provides public notice of environmental remediation that will be undertaken at 1985 Blue Hills Avenue Extension, Windsor, Connecticut to remove impacted soil that exceeds applicable remedial criteria. The Connecticut Department of Energy and Environmental Protection (CTDEEP) has assigned remediation identification number 14862 to the property.

Additionally, pursuant to the Regulations of Connecticut State Agencies Section 22a-133qk-1(d), notice of intent to record an Environmental Use Restriction (EUR) for the property is hereby provided. The purpose of the EUR is to limit property use to industrial/commercial.

You are being notified since the property you own at 1 Griffin Road South is located adjacent to the 1985 Blue Hills Avenue Extension property where environmental remediation is proposed.

The remediation activities are planned to be completed to meet the CTDEEP Remediation Standard Regulations and will include excavation and off-site disposal of impacted soil. Remediation is currently anticipated to begin at the end of the first quarter of 2025 and be completed by the end of 2025.

Any requests for additional information, questions, or comments concerning the planned remediation and the intent to record an EUR should be directed in writing or via electronic mail to Victoria L. Man, LEP (victoria.man@zuvic.com), ZUVIC Inc., 40 Cold Spring Road, Rocky Hill, CT. Alternatively, you can call Ms. Man at (860) 899-1912. This notice is for your information only and no action is required on your part.

Sincerely,
ZUVIC Inc.

Victoria L. Man
Victoria L. Man, LEP
Director of Environmental Services

ZUVIC
Infrastructure Solutions
www.zuvic.com
40 Cold Spring Road
Rocky Hill, CT 06067
Ph: (860) 436-4901

January 17, 2025

Griffin Corporate Office Park LLC
3611 14th Avenue, Suite 420
Brooklyn, NY 11218

RE: Notice of Remedial Action and Intent to Record an Environmental Use Restriction
Eversource Windsor Operations Center
1985 Blue Hills Avenue Extension, Windsor, Connecticut

Dear Neighbor,

In accordance with the Connecticut Transfer Act, Connecticut General Statutes (CGS) Section 22a-134a(i), The Rocky River Realty Company, having an address of 107 Selden Street, Berlin, Connecticut, 06037, hereby provides public notice of environmental remediation that will be undertaken at 1985 Blue Hills Avenue Extension, Windsor, Connecticut to remove impacted soil that exceeds applicable remedial criteria. The Connecticut Department of Energy and Environmental Protection (CTDEEP) has assigned remediation identification number 14862 to the property.

Additionally, pursuant to the Regulations of Connecticut State Agencies Section 22a-133qk-1(d), notice of intent to record an Environmental Use Restriction (EUR) for the property is hereby provided. The purpose of the EUR is to limit property use to industrial/commercial.

You are being notified since the property you own at 2 Waterside Crossing is located adjacent to the 1985 Blue Hills Avenue Extension property where environmental remediation is proposed.

The remediation activities are planned to be completed to meet the CTDEEP Remediation Standard Regulations and will include excavation and off-site disposal of impacted soil. Remediation is currently anticipated to begin at the end of the first quarter of 2025 and be completed by the end of 2025.

Any requests for additional information, questions, or comments concerning the planned remediation and the intent to record an EUR should be directed in writing or via electronic mail to Victoria L. Man, LEP (victoria.man@zuvic.com), ZUVIC Inc., 40 Cold Spring Road, Rocky Hill, CT. Alternatively, you can call Ms. Man at (860) 899-1912. This notice is for your information only and no action is required on your part.

Sincerely,
ZUVIC Inc.

Victoria L. Man
Victoria L. Man, LEP
Director of Environmental Services

ZUVIC
Infrastructure Solutions
www.zuvic.com
40 Cold Spring Road
Rocky Hill, CT 06067
Ph: (860) 436-4901

January 17, 2025

Eversource Energy
107 Selden Street
Berlin, CT 06037

RE: Notice of Remedial Action and Intent to Record an Environmental Use Restriction
Eversource Windsor Operations Center
1985 Blue Hills Avenue Extension, Windsor, Connecticut

Dear Neighbor,

In accordance with the Connecticut Transfer Act, Connecticut General Statutes (CGS) Section 22a-134a(i), The Rocky River Realty Company, having an address of 107 Selden Street, Berlin, Connecticut, 06037, hereby provides public notice of environmental remediation that will be undertaken at 1985 Blue Hills Avenue Extension, Windsor, Connecticut to remove impacted soil that exceeds applicable remedial criteria. The Connecticut Department of Energy and Environmental Protection (CTDEEP) has assigned remediation identification number 14862 to the property.

Additionally, pursuant to the Regulations of Connecticut State Agencies Section 22a-133qk-1(d), notice of intent to record an Environmental Use Restriction (EUR) for the property is hereby provided. The purpose of the EUR is to limit property use to industrial/commercial.

You are being notified since the property you own at 1975 Blue Hills Avenue Extension is located adjacent to the 1985 Blue Hills Avenue Extension property where environmental remediation is proposed.

The remediation activities are planned to be completed to meet the CTDEEP Remediation Standard Regulations and will include excavation and off-site disposal of impacted soil. Remediation is currently anticipated to begin at the end of the first quarter of 2025 and be completed by the end of 2025.

Any requests for additional information, questions, or comments concerning the planned remediation and the intent to record an EUR should be directed in writing or via electronic mail to Victoria L. Man, LEP (victoria.man@zuvic.com), ZUVIC Inc., 40 Cold Spring Road, Rocky Hill, CT. Alternatively, you can call Ms. Man at (860) 899-1912. This notice is for your information only and no action is required on your part.

Sincerely,
ZUVIC Inc.

Victoria L. Man
Victoria L. Man, LEP
Director of Environmental Services

ZUVIC
Infrastructure Solutions
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40 Cold Spring Road
Rocky Hill, CT 06067
Ph: (860) 436-4901

January 17, 2025

Eversource Energy
107 Selden Street
Berlin, CT 06037

RE: Notice of Remedial Action and Intent to Record an Environmental Use Restriction
Eversource Windsor Operations Center
1985 Blue Hills Avenue Extension, Windsor, Connecticut

Dear Neighbor,

In accordance with the Connecticut Transfer Act, Connecticut General Statutes (CGS) Section 22a-134a(i), The Rocky River Realty Company, having an address of 107 Selden Street, Berlin, Connecticut, 06037, hereby provides public notice of environmental remediation that will be undertaken at 1985 Blue Hills Avenue Extension, Windsor, Connecticut to remove impacted soil that exceeds applicable remedial criteria. The Connecticut Department of Energy and Environmental Protection (CTDEEP) has assigned remediation identification number 14862 to the property.

Additionally, pursuant to the Regulations of Connecticut State Agencies Section 22a-133qk-1(d), notice of intent to record an Environmental Use Restriction (EUR) for the property is hereby provided. The purpose of the EUR is to limit property use to industrial/commercial.

You are being notified since the property you own at 1995 Blue Hills Avenue Extension is located adjacent to the 1985 Blue Hills Avenue Extension property where environmental remediation is proposed.

The remediation activities are planned to be completed to meet the CTDEEP Remediation Standard Regulations and will include excavation and off-site disposal of impacted soil. Remediation is currently anticipated to begin at the end of the first quarter of 2025 and be completed by the end of 2025.

Any requests for additional information, questions, or comments concerning the planned remediation and the intent to record an EUR should be directed in writing or via electronic mail to Victoria L. Man, LEP (victoria.man@zuvic.com), ZUVIC Inc., 40 Cold Spring Road, Rocky Hill, CT. Alternatively, you can call Ms. Man at (860) 899-1912. This notice is for your information only and no action is required on your part.

Sincerely,
ZUVIC Inc.

Victoria L. Man
Victoria L. Man, LEP
Director of Environmental Services