



INVENTUM ENGINEERING

Secondary Containment Closure Construction Completion Report Tank PT01 “Think Safety”



Riverview Innovation & Technology Campus
Brownfield Cleanup Program Site No. C915353

3875 River Road
Tonawanda, New York 14150

October 21, 2025

441 CARLISLE DRIVE
SUITE C
HERNDON, VA 20170
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Background

The Oil Water Separator Tank PT01 (the Tank with the “Think Safety” slogan) secondary containment was located on the westernmost side of the former production area. Tank PT01 was reportedly originally designed for and used to store weak ammonia liquor. Subsequently it was reportedly repurposed as an oil water separator. The tank did not appear to have been used for weak ammonia liquor storage or for oil water separation for years, as the secondary containment area contained sufficient soils to support a dense vegetative cover. There was no visible liquid in the secondary containment.

Tank PT01 was managed in accordance with the Aboveground Storage Tank Management Interim Remedial Measures Work Plan (“AST Work Plan”) (Inventum, 2021). The management and closure of Tank PT01 is documented under the Aboveground Storage Tank Management Construction Completion Report (“AST CCR” [Inventum, August 2025]).

Inspection Summary

The PT01 secondary containment was constructed of reinforced concrete and was 25-feet long, 40-feet wide, and surrounded 1,000 square feet. A drop inlet was located west of Tank PT01 and had no apparent outlet (Photograph No. 1). Vegetation was present throughout the containment interior. The containment walls were chipped on the upper edges and had a black coating that had partially worn away (Photograph No. 2). No cracks or holes were observed. During demolition in July 2023, it became apparent that the secondary containment did not have a base slab. The cradles for Tank PT01 extended into the subgrade on foundation piers. The drop inlet appeared to drain into the fill.

Fill Sampling

In accordance with the Secondary Containment Work Plan (Inventum, 2021) four samples were collected below the removed secondary containment. Samples were taken from material collected in an excavator bucket. This approach was implemented because the excavator provided safer access to the target intervals at depths in an area disturbed by concrete removal. The four fill samples were spaced approximately equidistant from north to south over the secondary containment area as shown in Figure 2. A fifth sample was collected from composite material and analyzed for Hazardous Characterization (HAZCAT).

Samples were collected from the fill between 4-feet and 5-feet below ground surface (BGS). The samples consisted of black and brown or rust-colored coarse-grained sand and gravel. No grossly contaminated materials were observed. Samples were screened with a photoionization detector (PiD) and location 03 produced a reading of 15,000 ppm. A very strong (detectable outside the work area) ammonia-like odor was detected during concrete removal and sampling.

The fill samples were analyzed for:

- TCL VOCs [8260]
- TCL SVOCs [8270]
- Total Mercury [7471]
- Total Cyanide [9012]
- Polychlorinated biphenyls (PCBs) [8082]



- Total Ammonia [350.1]
- TCLP VOCs, SVOCs, Metals, Pesticides, and Herbicides (composite sample only)
- Corrosivity, Ignitability, and Reactivity (composite sample only)

The sample results were compared to 6 NYCRR Part 375 Commercial Soil Cleanup Objectives (SCOs) and EPA TCLP standards. The sample collected from location 04 (south end) contained 53 mg/kg of benzene, exceeding the SCO of 44 mg/kg. Samples collected from locations 02, 03, and 04 (central and south end) contained mercury at 24.8 mg/kg, 3.1 mg/kg, and 15.6 mg/kg, respectively, exceeding the SCO of 2.8 mg/kg. Samples collected from locations 03 and 04 contained cyanide at 120 mg/kg and 35 mg/kg respectively, exceeding the SCO of 27 mg/kg. While there is not an established SCO¹ for ammonia, sample concentrations ranged from 1,400 mg/kg to 2,600 mg/kg. No samples contained SVOCs or PCBs that exceeded the SCOs. The composite sample was not characteristically hazardous.

Concrete Management

The concrete walls and tank cradle of the PT01 secondary containment were removed July 10, 2023. The concrete did not exhibit gross contamination and was crushed and stockpiled with concrete removed from the proximal area. The PT01 concrete is part of an estimated 800 cubic yard pile, primarily comprised of above-grade, uncontaminated, Weak Ammonia Liquor Area concrete staged southeast of the PT01 and Weak Ammonia Liquor area.

One concrete characterization sample was collected from the pile and analyzed for:

- TCL VOCs [8260]
- TCL SVOCs [8270]
- Pesticides [8081]
- PCBs [8082]
- TAL Metals [6010]

The sample results were compared to 6 NYCRR Part 375 Commercial SCOs. The sample did not exceed the SCOs for VOCs. The sample exceeded the SCO for the SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. Samples exceeded the SCO for arsenic. No sample concentrations of pesticides or PCBs exceeded the SCOs. Exceedances are consistent with concentrations typically found in the site fill. Analytical results are presented in Table 2.

Management of Underlying Fill

The fill below the PT01 secondary containment was proposed for solidification in the Source Area Solidification IRM Work Plan (“Solidification Work Plan”) (Inventum, 2023). After the containment was removed, the fill was inspected and did not contain grossly contaminated material. The samples contained constituents at concentrations typical of or lower than those of surrounding site fill. The fill below the PT01 secondary containment was left in place and will be managed in accordance with the Remedial Action Work plan, taking the site-specific ammonia SCO in account, and the area will have a fill cover that meets

¹ A site-specific ammonia SCO is being developed.



the criteria set forth in 6 NYCRR Part 375-6.7(d) in accordance with the BCP site Decision Document (NYSDEC, 2024).

Community Air Monitoring Plan (CAMP)

Air monitoring was performed in accordance with the Community Air Monitoring Plan (CAMP) for all dates that work was completed. Daily summary graphs of particulate and volatile organic compound (VOC) monitoring are provided in Appendix C.

Work Completed	Dates
Removal	7/10/2023
Sub-Slab Fill Sampling	7/10/2023

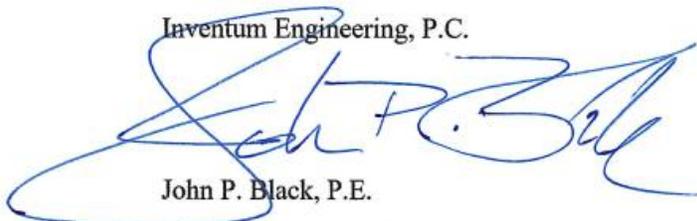


Engineering Certification

I, John P. Black, certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375 and that this Construction Completion Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and DER Green Remediation (DER-31) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Respectfully Submitted,

Inventum Engineering, P.C.



John P. Black, P.E.

Date: OCTOBER 21, 2025

License No: 062818-1



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Photographic Log



Client Name: RITC	Date Photo was Taken: 2020	Project: RITC
Photo No. 1 Direction Photo Taken: View is aerial (northeast).		
Description: The secondary containment for Tank PT01. A drop inlet with no apparent outlet is circled in yellow.		

Client Name: RITC	Date Photo was Taken: 7/10/2023	Project: RITC
Photo No. 2 Direction Photo Taken: View is east.		
Description: The PT01 secondary containment exterior and interior walls. Tank cradles present on east side. Thick vegetation present throughout.		



Client Name: RITC	Date Photo was Taken: 7/10/2023	Project: RITC
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Photo No. 3

Direction Photo Taken:

View is east.



Description:

Typical condition of the secondary containment walls.

Client Name: RITC	Date Photo was Taken: 7/10/2023	Project: RITC
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Photo No. 4

Direction Photo Taken:

View is north.



Description:

Typical condition of the secondary containment walls.



Client Name: RITC	Date Photo was Taken: 7/10/2023	Project: RITC
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Photo No. 5
Direction Photo Taken:

View is west.



Description:

Typical condition of the secondary containment walls.

Client Name: RITC	Date Photo was Taken: 7/10/2023	Project: RITC
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Photo No. 6
Direction Photo Taken:

View is south.



Description:

PT01 secondary containment is removed. There was no slab. PT01 was set on pier foundations below the tank cradles.



Client Name: RITC	Date Photo was Taken: 7/10/2023	Project: RITC
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Photo No. 7
Direction Photo Taken:

View is north.



Description:

The PT01 secondary containment is removed.

Client Name: RITC	Date Photo was Taken: 7/10/2023	Project: RITC
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Photo No. 8
Direction Photo Taken:

View is east.



Description:

The PT01 secondary containment is removed.



Figures



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SECONDARY CONTAINMENT LOCATIONS
 RIVERVIEW INNOVATION & TECHNOLOGY CAMPUS, INC.
 3875 RIVER ROAD
 TONAWANDA, NEW YORK 14150
 BCP SITE No. C915353

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FIGURE 1
 DRAWING NUMBER
 SECONDARY CONTAINMENT
 CLOSURE CCR



ANALYTE	SAMPLE ID: BCP-PT01-01-07102023		
	COLLECTION DATE: 7/10/2023		
	SAMPLE DEPTH: 4 - 5 ft BGS		
	EPA-TCLP (mg/l)	Part 375 Commercial (mg/kg)	North End
VOLATILE ORGANICS BY GC/MS			
Benzene		44	4.5
TOTAL METALS			
Mercury, Total		2.8	0.946
GENERAL CHEMISTRY			
Cyanide, Total		27	1.3
Nitrogen, Ammonia			2600

ANALYTE	SAMPLE ID: BCP-PT01-02-7/10/2023		
	COLLECTION DATE: 7/10/2023		
	SAMPLE DEPTH: 4 - 5 ft BGS		
	EPA-TCLP (mg/l)	Part 375 Commercial SCO (mg/kg)	North Center
VOLATILE ORGANICS BY GC/MS			
Benzene		44	4.9
Total VOCs			12.528
TOTAL METALS			
Mercury, Total		2.8	24.8
GENERAL CHEMISTRY			
Cyanide, Total		27	4.4
Nitrogen, Ammonia			1300

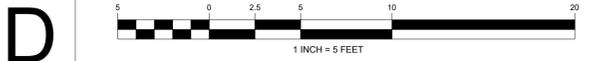
ANALYTE	SAMPLE ID: BCP-PT01-03-7/10/2023		
	COLLECTION DATE: 7/10/2023		
	SAMPLE DEPTH: 4 - 5 ft BGS		
	EPA-TCLP (mg/l)	Part 375 Commercial SCO (mg/kg)	South Center
VOLATILE ORGANICS BY GC/MS			
Benzene		44	40
Total VOCs			134.793
TOTAL METALS			
Mercury, Total		2.8	3.1
GENERAL CHEMISTRY			
Cyanide, Total		27	120
Nitrogen, Ammonia			1600

ANALYTE	SAMPLE ID: BCP-PT01-04-7/10/2023		
	COLLECTION DATE: 7/10/2023		
	SAMPLE DEPTH: 4 - 5 ft BGS		
	EPA-TCLP (mg/l)	Part 375 Commercial SCO (mg/kg)	South End
VOLATILE ORGANICS BY GC/MS			
Benzene		44	53
TOTAL METALS			
Mercury, Total		2.8	15.6
GENERAL CHEMISTRY			
Cyanide, Total		27	35
Nitrogen, Ammonia			1400

DROP INLET WITH NO APPARENT CONNECTION. (REMOVED)

SECONDARY CONTAINMENT - THINK SAFETY TANK PT01 - OIL-WATER SEPARATOR

LEGEND
 ● SAMPLE LOCATION
 □ TANK LOCATION
 — SECONDARY CONTAINMENT



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PT01 - "THINK SAFETY" SECONDARY CONTAINMENT SAMPLING
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FIGURE 2
 DRAWING NUMBER
 SECONDARY CONTAINMENT CLOSURE CCR

Tables





Table 1
 Secondary Containment Closure Construction Completion Report
 Oil Water Separator Tank PT01 - "Think Safety"
 Riverview Innovation & Technology Campus, Inc.,
 Tonawanda, New York

ANALYTE	SAMPLE ID:		BCP-PT01-01-07102023	BCP-PT01-02-07102023	BCP-PT01-03-07102023	BCP-PT01-04-07102023	BCP-PT01-WASTE-07102023				
	LAB ID:		L2339423-01	L2339423-02	L2339423-03	L2339423-04	L2339423-05				
	COLLECTION DATE:		7/10/2023	7/10/2023	7/10/2023	7/10/2023	7/10/2023				
	SAMPLE DEPTH:		4 - 5 ft BGS								
	LOCATION:		North End	North - Center	South - Center	South End	Composite				
EPA-TCLP (mg/l)	Part 375 Commercial SCO (mg/kg)										
VOLATILE ORGANICS BY GC/MS											
1,1,1-Trichloroethane	500	<0.013	U	<0.012	U	<0.013	U	<0.013	U	-	-
1,1,2,2-Tetrachloroethane		<0.013	U	<0.012	U	<0.013	U	<0.013	U	-	-
1,1,2-Trichloroethane		<0.021	U	<0.019	U	<0.021	U	<0.02	U	-	-
1,1-Dichloroethane	240	<0.012	U	<0.01	U	<0.011	U	<0.011	U	-	-
1,1-Dichloroethene	500	<0.019	U	<0.017	U	<0.018	U	<0.018	U	-	-
1,2,3-Trichlorobenzene		<0.026	U	<0.023	U	<0.025	U	<0.024	U	-	-
1,2,4-Trichlorobenzene		<0.022	U	<0.019	U	<0.021	U	<0.021	U	-	-
1,2,4-Trimethylbenzene	190	0.56		6.6		14		8.4			
1,2-Dibromo-3-chloropropane		<0.08	U	<0.071	U	<0.077	U	<0.076	U	-	-
1,2-Dibromoethane		<0.022	U	<0.02	U	<0.022	U	<0.021	U	-	-
1,2-Dichlorobenzene	500	<0.011	U	<0.01	U	<0.011	U	<0.011	U	-	-
1,2-Dichloroethane	30	0.12		0.13		<0.02	U	<0.02	U	-	-
1,2-Dichloropropane		<0.01	U	<0.0088	U	<0.0096	U	<0.0095	U	-	-
1,3-Dichlorobenzene	280	<0.012	U	<0.01	U	<0.011	U	<0.011	U	-	-
1,3,5-Trimethylbenzene	190	0.24		3.1		6.8		4.1			
1,4-Dichlorobenzene	130	<0.014	U	<0.012	U	<0.013	U	<0.013	U	-	-
1,4-Dioxane	130	<2.8	U	<2.5	U	<2.7	U	<2.7	U	-	-
2-Butanone	500	<0.18	U	<0.16	U	<0.17	U	<0.17	U	-	-
2-Hexanone		<0.094	U	<0.084	U	<0.091	U	<0.09	U	-	-
4-Isopropyltoluene/p-Isopropyltoluene	390	1.0		0.067	J	0.071	J	0.090			
4-Methyl-2-pentanone		<0.1	U	<0.091	U	<0.099	U	<0.097	U	-	-
Acetone	500	<0.38	U	<0.34	U	0.45	J	<0.37	U	-	-
Benzene	44	4.5		4.9		40		53			
Bromochloromethane		<0.016	U	<0.014	U	<0.016	U	<0.016	U	-	-
Bromodichloromethane		<0.0087	U	<0.0077	U	<0.0084	U	<0.0083	U	-	-
Bromoform		<0.02	U	<0.017	U	<0.019	U	<0.019	U	-	-
Bromomethane		<0.046	U	<0.041	U	<0.045	U	<0.044	U	-	-
Carbon disulfide		0.81		<0.32	U	<0.35	U	<0.35	U	-	-
Carbon tetrachloride	22	<0.018	U	<0.016	U	<0.018	U	<0.017	U	-	-
Chlorobenzene	500	<0.01	U	<0.009	U	0.019	J	0.014	J	-	-
Chloroethane		<0.036	U	<0.032	U	<0.035	U	<0.034	U	-	-
Chloroform	350	<0.011	U	<0.0099	U	<0.011	U	<0.011	U	-	-
Chloromethane		<0.074	U	<0.066	U	<0.072	U	<0.071	U	-	-
cis-1,2-Dichloroethene	500	0.074	J	<0.012	U	<0.014	U	<0.013	U	-	-
cis-1,3-Dichloropropene		<0.013	U	<0.011	U	<0.012	U	<0.012	U	-	-
Cyclohexane		<0.043	U	<0.038	U	<0.042	U	<0.041	U	-	-
Dibromochloromethane		<0.011	U	<0.0099	U	<0.011	U	<0.011	U	-	-
Dichlorodifluoromethane		<0.073	U	<0.065	U	<0.071	U	<0.07	U	-	-
Ethylbenzene	390	0.082		0.5		1.6		1.2			
Freon-113		<0.055	U	<0.049	U	<0.053	U	<0.053	U	-	-
Isopropylbenzene		<0.0087	U	0.063	J	0.06	J	0.073	J	-	-
Methyl Acetate		0.45		0.63		0.26	J	0.6			
Methyl cyclohexane		<0.048	U	0.068	J	0.14	J	0.084	J	-	-
Methyl tert butyl ether	500	<0.016	U	<0.014	U	<0.016	U	<0.015	U	-	-
Methylene chloride	500	<0.18	U	<0.16	U	0.18	J	<0.17	U	-	-
n-Butylbenzene	300	<0.013	U	<0.014	U	0.077		<0.15			
N-Propylbenzene	500	<0.014	U	0.29		0.14		0.21			
Naphthalene	500	40	E	110	E	140	E	140	E		
o-Xylene	500	0.58		1.3		13		6.6			
p/m-Xylene	500	1.4		2.5		32		15			
sec-Butylbenzene	390	<0.012	U	22	J	<0.011	U	0.018	J	-	-
Styrene		<0.016	U	0.037	J	0.084		0.14			
tert-Butylbenzene	390	<0.0094	U	<0.0084	U	<0.15	U	<0.009	U	-	-
Tetrachloroethene	150	0.017	J	<0.014	U	<0.015	U	<0.015	U	-	-
Toluene	500	3		2.4		47		43			
trans-1,2-Dichloroethene	500	<0.011	U	<0.0097	U	<0.01	U	<0.01	U	-	-
trans-1,3-Dichloropropene		<0.022	U	<0.019	U	<0.021	U	<0.021	U	-	-
Trichloroethene	200	<0.011	U	<0.0097	U	<0.01	U	<0.01	U	-	-
Trichlorofluoromethane		<0.055	U	<0.049	U	<0.054	U	<0.053	U	-	-
Vinyl chloride	13	<0.027	U	<0.024	U	<0.026	U	<0.025	U	-	-
Xylenes, Total	500	1.98		3.8		45		21.6			
Total VOCs		52.83		154.59		295.88		272.53			
SEMIVOLATILE ORGANICS BY GC/MS											
1,2,4,5-Tetrachlorobenzene		<0.023	U	<0.022	U	<0.023	U	<0.022	U	-	-
2,3,4,6-Tetrachlorophenol		<0.045	U	<0.042	U	<0.044	U	<0.043	U	-	-
2,4,5-Trichlorophenol		<0.042	U	<0.04	U	<0.042	U	<0.04	U	-	-
2,4,6-Trichlorophenol		<0.042	U	<0.039	U	<0.041	U	<0.04	U	-	-
2,4-Dichlorophenol		<0.036	U	<0.033	U	<0.035	U	<0.034	U	-	-
2,4-Dimethylphenol		1.6		26		17		10			
2,4-Dinitrophenol		<0.1	U	<0.096	U	<0.1	U	<0.099	U	-	-
2,4-Dinitrotoluene		<0.044	U	<0.041	U	<0.043	U	<0.042	U	-	-
2,6-Dinitrotoluene		<0.038	U	<0.035	U	<0.037	U	<0.036	U	-	-
2-Chloronaphthalene		<0.022	U	<0.02	U	<0.022	U	<0.021	U	-	-
2-Chlorophenol		<0.026	U	<0.024	U	<0.026	U	<0.025	U	-	-



Table 1
 Secondary Containment Closure Construction Completion Report
 Oil Water Separator Tank PT01 - "Think Safety"
 Riverview Innovation & Technology Campus, Inc.,
 Tonawanda, New York

ANALYTE	SAMPLE ID:		BCP-PT01-01-07102023	BCP-PT01-02-07102023	BCP-PT01-03-07102023	BCP-PT01-04-07102023	BCP-PT01-WASTE-07102023
	LAB ID:		L2339423-01	L2339423-02	L2339423-03	L2339423-04	L2339423-05
	COLLECTION DATE:		7/10/2023	7/10/2023	7/10/2023	7/10/2023	7/10/2023
	SAMPLE DEPTH:		4 - 5 ft BGS				
	LOCATION:		North End	North - Center	South - Center	South End	Composite
	EPA-TCLP (mg/l)	Part 375 Commercial SCO (mg/kg)					
2-Methylnaphthalene			4.2	29	9.9	15	-
2-Methylphenol	500		2.2	11	8.3	6.9	-
2-Nitroaniline			<0.043 U	<0.04 U	<0.042 U	<0.041 U	-
2-Nitrophenol			<0.083 U	<0.078 U	<0.082 U	<0.08 U	-
3,3'-Dichlorobenzidine			<0.059 U	<0.055 U	<0.058 U	<0.056 U	-
3-Methylphenol/4-Methylphenol	500		2.7	8.6	7	7.7	-
3-Nitroaniline			<0.042 U	<0.039 U	<0.041 U	<0.04 U	-
4,6-Dinitro-o-cresol			<0.11 U	<0.099 U	<0.1 U	<0.1 U	-
4-Bromophenyl phenyl ether			<0.034 U	<0.031 U	<0.033 U	<0.032 U	-
4-Chloroaniline			<0.04 U	<0.038 U	<0.04 U	<0.038 U	-
4-Chlorophenyl phenyl ether			<0.024 U	<0.022 U	<0.023 U	<0.023 U	-
4-Nitroaniline			<0.092 U	<0.085 U	<0.09 U	<0.088 U	-
4-Nitrophenol			<0.09 U	<0.084 U	<0.089 U	<0.086 U	-
Acenaphthene	500		0.42	2	0.6	1.4	-
Acenaphthylene	500		1.5	13	3.5	8.3	-
Acetophenone			<0.027 U	1.9	<0.027 U	<0.026 U	-
Anthracene	500		2.4	15	3.3	12	-
Atrazine			<0.078 U	<0.072 U	<0.076 U	<0.074 U	-
Benzaldehyde			<0.06 U	<0.056 U	<0.059 U	<0.057 U	-
Benzo(a)anthracene	5.6		0.075 J	1.1	0.46	1.4	-
Benzo(a)pyrene	1		0.058 J	0.72	0.37	0.9	-
Benzo(b)fluoranthene	5.6		0.072 J	1.1	0.57	1.5	-
Benzo(ghi)perylene	500		0.028 J	0.46	0.22	0.62	-
Benzo(k)fluoranthene	56		<0.036 U	0.34	0.18	0.46	-
Biphenyl			0.86	6.7	1.9	4.5	-
Bis(2-chloroethoxy)methane			<0.022 U	<0.021 U	<0.022 U	<0.021 U	-
Bis(2-chloroethyl)ether			<0.03 U	<0.028 U	<0.029 U	<0.029 U	-
Bis(2-chloroisopropyl)ether			<0.038 U	<0.035 U	<0.037 U	<0.036 U	-
Bis(2-ethylhexyl)phthalate			<0.077 U	<0.071 U	<0.075 U	0.082 J	-
Butyl benzyl phthalate			<0.056 U	<0.052 U	<0.055 U	<0.053 U	-
Caprolactam			<0.067 U	<0.063 U	<0.066 U	<0.064 U	-
Carbazole			0.039 J	0.2 J	0.14 J	0.21	-
Chrysene	56		0.065 J	1.1	0.48	1.4	-
Di-n-butylphthalate			<0.042 U	<0.039 U	<0.041 U	<0.04 U	-
Di-n-octylphthalate			<0.075 U	<0.07 U	<0.074 U	<0.072 U	-
Dibenzo(a,h)anthracene	0.56		<0.026 U	0.11 J	0.06 J	0.16	-
Dibenzofuran	350		2.4	15	4.8	11	-
Diethyl phthalate			<0.02 U	<0.019 U	<0.02 U	<0.02 U	-
Dimethyl phthalate			<0.047 U	<0.043 U	<0.046 U	<0.044 U	-
Fluoranthene	500		2	24	6.2	37	-
Fluorene	500		2.6	15	4.4	7.8	-
Hexachlorobenzene	6		<0.025 U	<0.023 U	<0.024 U	<0.024 U	-
Hexachlorobutadiene			<0.032 U	<0.03 U	<0.032 U	<0.031 U	-
Hexachlorocyclopentadiene			<0.2 U	<0.19 U	<0.2 U	<0.19 U	-
Hexachloroethane			<0.036 U	<0.033 U	<0.035 U	<0.034 U	-
Indeno(1,2,3-cd)pyrene	5.6		0.034 J	0.52	0.26	0.69	-
Isophorone			<0.029 U	<0.027 U	<0.028 U	<0.027 U	-
n-Nitrosodi-n-propylamine			<0.034 U	<0.032 U	<0.034 U	<0.033 U	-
Naphthalene	500		84	270	110	140	-
NDPA/DPA			<0.025 U	<0.023 U	<0.025 U	<0.024 U	-
Nitrobenzene			<0.033 U	<0.03 U	<0.032 U	<0.031 U	-
p-Chloro-m-cresol			<0.033 U	<0.031 U	<0.032 U	<0.032 U	-
Pentachlorophenol	6.7		<0.049 U	<0.045 U	<0.048 U	<0.046 U	-
Phenanthrene	500		7.3	51	11	45	-
Phenol	500		1.3	4.1	1.5	1.6	-
Pyrene	500		1	14	3.7	21	-
Total SVOCs			63.851	297.95	195.84	336.622	-
POLYCHLORINATED BIPHENYLS BY GC							
Aroclor 1016	1		<0.00546 U	<0.00525 U	<0.0053 U	<0.00561 U	-
Aroclor 1221	1		<0.00616 U	<0.00592 U	<0.00598 U	<0.00634 U	-
Aroclor 1232	1		<0.013 U	<0.0125 U	<0.0126 U	<0.0134 U	-
Aroclor 1242	1		<0.00828 U	<0.00797 U	<0.00805 U	<0.00852 U	-
Aroclor 1248	1		<0.00922 U	<0.00887 U	<0.00896 U	<0.00948 U	-
Aroclor 1254	1		<0.00672 U	0.0573 J	0.0181 J	0.0855	-
Aroclor 1260	1		<0.0114 U	<0.0109 U	<0.011 U	<0.0117 U	-
Aroclor 1262	1		<0.0078 U	<0.00751 U	<0.00758 U	<0.00803 U	-
Aroclor 1268	1		<0.00637 U	<0.00612 U	<0.00619 U	<0.00655 U	-



Table 1
 Secondary Containment Closure Construction Completion Report
 Oil Water Separator Tank PT01 - "Think Safety"
 Riverview Innovation & Technology Campus, Inc.,
 Tonawanda, New York

ANALYTE	SAMPLE ID:		BCP-PT01-01-07102023	BCP-PT01-02-07102023	BCP-PT01-03-07102023	BCP-PT01-04-07102023	BCP-PT01-WASTE-07102023
	LAB ID:		L2339423-01	L2339423-02	L2339423-03	L2339423-04	L2339423-05
	COLLECTION DATE:		7/10/2023	7/10/2023	7/10/2023	7/10/2023	7/10/2023
	SAMPLE DEPTH:		4 - 5 ft BGS				
	LOCATION:		North End	North - Center	South - Center	South End	Composite
EPA-TCLP (mg/l)	Part 375 Commercial SCO (mg/kg)						
TOTAL METALS							
Aluminum, Total		14900	9480	15400	8190	-	-
Antimony, Total		2.12 J	3.63 J	1.93 J	1.2 J	-	-
Arsenic, Total	16	5.6	9.06	5.82	3.23	-	-
Barium, Total	400	101	86.1	138	71.1	-	-
Beryllium, Total	590	0.979	0.769	1.33	0.468 J	-	-
Cadmium, Total	9.3	<0.102 U	0.555 J	<0.1 U	0.139 J	-	-
Calcium, Total		29900	37500	16900	8980	-	-
Chromium, Total		16.9	51.4	21	16.5	-	-
Cobalt, Total		8.28	7.85	14.5	3.98	-	-
Copper, Total	270	16.8	44.8	18.7	20.6	-	-
Iron, Total		27100	52200	29200	19900	-	-
Lead, Total	1000	33.2	530	81.2	215	-	-
Magnesium, Total		7960	8040	6660	2290	-	-
Manganese, Total	10000	559	719	662	238	-	-
Mercury, Total	2.8	0.946	24.8	3.1	15.6	-	-
Nickel, Total	310	18.8	31.8	27.6	12.9	-	-
Potassium, Total		981	711 J	1030	540	-	-
Selenium, Total	1500	<0.269 U	<0.255 U	<0.264 U	<0.261 U	-	-
Silver, Total	1500	<0.295 U	<0.28 U	<0.289 U	<0.286 U	-	-
Sodium, Total		505	154 J	128 J	119 J	-	-
Thallium, Total		<0.328 U	0.637 J	<0.322 U	<0.319 U	-	-
Vanadium, Total		21.1	19.3	28.2	14.5	-	-
Zinc, Total	10000	164	129	77.9	94.1	-	-
GENERAL CHEMISTRY							
Cyanide, Reactive		-	-	-	-	<10	U
Cyanide, Total	27	1.3	4.4	120	35	-	-
Nitrogen, Ammonia		2600	1300	1600	1400	-	-
pH (H)		-	-	-	-	7.68	-
Solids, Total		74.5	79.7	76.4	77	76.6	-
Sulfide, Reactive		-	-	-	-	13	-
TCLP VOLATILES BY EPA 1311							
1,1-Dichloroethene	0.7	-	-	-	-	<0.0017	U
1,2-Dichloroethane	0.5	-	-	-	-	<0.0013	U
1,4-Dichlorobenzene	7.5	-	-	-	-	<0.0019	U
2-Butanone	200	-	-	-	-	<0.019	U
Benzene	0.5	-	-	-	-	0.12	-
Carbon tetrachloride	0.5	-	-	-	-	<0.0013	U
Chlorobenzene	100	-	-	-	-	<0.0018	U
Chloroform	6	-	-	-	-	<0.0022	U
Tetrachloroethene	0.7	-	-	-	-	<0.0018	U
Trichloroethene	0.5	-	-	-	-	<0.0018	U
Vinyl chloride	0.2	-	-	-	-	<0.00071	U



Table 1
 Secondary Containment Closure Construction Completion Report
 Oil Water Separator Tank PT01 - "Think Safety"
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ANALYTE	SAMPLE ID:		BCP-PT01-01-07102023	BCP-PT01-02-07102023	BCP-PT01-03-07102023	BCP-PT01-04-07102023	BCP-PT01-WASTE-07102023
	LAB ID:		L2339423-01	L2339423-02	L2339423-03	L2339423-04	L2339423-05
	COLLECTION DATE:		7/10/2023	7/10/2023	7/10/2023	7/10/2023	7/10/2023
	SAMPLE DEPTH:		4 - 5 ft BGS				
	LOCATION:		North End	North - Center	South - Center	South End	Composite
EPA-TCLP (mg/l)	Part 375 Commercial SCO (mg/kg)						
TCLP SEMIVOLATILES BY EPA 1311							
2,4,5-Trichlorophenol	400	-	-	-	-	<0.0019	U
2,4,6-Trichlorophenol	2	-	-	-	-	<0.0025	U
2,4-Dinitrotoluene	0.13	-	-	-	-	<0.0019	U
2-Methylphenol	200	-	-	-	-	0.068	
3-Methylphenol/4-Methylphenol	200	-	-	-	-	0.066	
Hexachlorobenzene	0.13	-	-	-	-	<0.0034	U
Hexachlorobutadiene	0.5	-	-	-	-	<0.003	U
Hexachloroethane	3	-	-	-	-	<0.0022	U
Nitrobenzene	2	-	-	-	-	<0.0033	U
Pentachlorophenol	100	-	-	-	-	<0.0098	U
Pyridine	5	-	-	-	-	0.015	J
TCLP METALS BY EPA 1311							
Arsenic, TCLP	5	-	-	-	-	<0.019	U
Barium, TCLP	100	-	-	-	-	0.744	
Cadmium, TCLP	1	-	-	-	-	<0.01	U
Chromium, TCLP	5	-	-	-	-	<0.021	U
Lead, TCLP	5	-	-	-	-	0.312	J
Mercury, TCLP	0.2	-	-	-	-	<0.0005	U
Selenium, TCLP	1	-	-	-	-	<0.035	U
Silver, TCLP	5	-	-	-	-	<0.028	U
TCLP PESTICIDES BY EPA 1311							
Chlordane	0.03	-	-	-	-	<0.000232	U
Endrin	0.02	-	-	-	-	<0.000021	U
Heptachlor	0.008	-	-	-	-	<0.000016	U
Heptachlor epoxide	0.008	-	-	-	-	<0.000021	U
Lindane	0.4	-	-	-	-	<0.000022	U
Methoxychlor	10	-	-	-	-	<0.000034	U
Toxaphene	0.5	-	-	-	-	<0.000314	U
TCLP HERBICIDES BY EPA 1311							
2,4,5-TP (Silvex)	1	-	-	-	-	<0.001	U
2,4-D	10	-	-	-	-	<0.001	U
IGNITABILITY OF SOLIDS							
Ignitability		-	-	-	-		NI

* Comparison is not performed on parameters with non-numeric criteria.

EPA-TCLP: EPA Toxicity Characteristic (TCLP) Regulatory Levels Criteria per 40CFR Part 261 as of September 10, 2015.

NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-RESI: New York NYCRR Part 375 Industrial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Qualifiers:

U - Not detected at the reported detection limit for the sample.

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

B - Compound was found in the blank and sample.

E - Result exceeded calibration range.

HF - Analyzed outside of hold time.

Bold - Compound is detected

Red Highlight - Exceeds NYS Part 375 Industrial SCOs

Green Highlight - Exceeds NYS Part 375 Commercial SCOs

Yellow Highlight - Exceeds EPA Toxicity Characteristic Regulatory Levels



Table 2
 Secondary Containment Closure Construction Completion Report
 Oil Water Separator Tank PT01 - "Think Safety"
 Riverview Innovation & Technology Campus, Inc.,
 Tonawanda, New York

ANALYTE	SAMPLE ID:	WAL CONCRETE-08082023	
	LAB REPORT:	L2346127-01	
	COLLECTION DATE:	8/8/2023	
	SAMPLE MATRIX:	Concrete Fines	
	SAMPLE LOCATION:	Weak Ammonia Liquor Area Concrete	
	Part 375 Commercial SCOs		
(mg/kg)			
VOLATILE ORGANICS BY GC/MS			
1,1,1-Trichloroethane	500	<0.011	U
1,1,2,2-Tetrachloroethane		<0.011	U
1,1,2-Trichloroethane		<0.018	U
1,1-Dichloroethane	240	<0.0098	U
1,1-Dichloroethene	500	<0.016	U
1,2,3-Trichlorobenzene		<0.022	U
1,2,4-Trichlorobenzene		<0.018	U
1,2,4-Trimethylbenzene	190	0.11	J
1,2-Dibromo-3-chloropropane		<0.067	U
1,2-Dibromoethane		<0.019	U
1,2-Dichlorobenzene	500	<0.0097	U
1,2-Dichloroethane	30	<0.017	U
1,2-Dichloroethene, Total		<0.0092	U
1,2-Dichloropropane		<0.0084	U
1,3,5-Trimethylbenzene	190	0.064	J
1,3-Dichlorobenzene	280	<0.01	U
1,3-Dichloropropene, Total		<0.011	U
1,4-Dichlorobenzene	130	<0.012	U
1,4-Dioxane	130	<2.4	U
2-Butanone	500	<0.15	U
2-Hexanone		<0.079	U
4-Methyl-2-pentanone		<0.086	U
Acetone	500	<0.32	U
Benzene	44	0.5	
Bromochloromethane		<0.014	U
Bromodichloromethane		<0.0073	U
Bromoform		<0.016	U
Bromomethane		<0.039	U
Carbon disulfide		<0.31	U
Carbon tetrachloride	22	<0.015	U
Chlorobenzene	500	<0.0085	U
Chloroethane		<0.03	U
Chloroform	350	<0.0094	U
Chloromethane		<0.063	U
cis-1,2-Dichloroethene	500	<0.012	U
cis-1,3-Dichloropropene		<0.011	U
Cyclohexane		0.065	J
Dibromochloromethane		<0.0094	U
Dichlorodifluoromethane		<0.062	U
Ethylbenzene	390	0.044	J
Freon-113		<0.047	U



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 Secondary Containment Closure Construction Completion Report
 Oil Water Separator Tank PT01 - "Think Safety"
 Riverview Innovation & Technology Campus, Inc.,
 Tonawanda, New York

ANALYTE	SAMPLE ID:	WAL CONCRETE-08082023	
	LAB REPORT:	L2346127-01	
	COLLECTION DATE:	8/8/2023	
	SAMPLE MATRIX:	Concrete Fines	
	SAMPLE LOCATION:	Weak Ammonia Liquor Area Concrete	
	Part 375 Commercial SCOs		
(mg/kg)			
Isopropylbenzene		<0.0073	U
Methyl Acetate		1.6	
Methyl cyclohexane		0.2	J
Methyl tert butyl ether	500	<0.014	U
Methylene chloride	500	<0.15	U
n-Butylbenzene	500	<0.011	U
n-Propylbenzene	500	<0.012	U
Naphthalene	500	12	
o-Xylene		0.075	
p-Isopropyltoluene		0.029	J
p/m-Xylene		0.25	
sec-Butylbenzene	500	<0.0098	U
Styrene		0.035	J
tert-Butylbenzene	500	<0.0079	U
Tetrachloroethene	150	<0.013	U
Toluene	500	0.27	
trans-1,2-Dichloroethene	500	<0.0092	U
trans-1,3-Dichloropropene		<0.018	U
Trichloroethene	200	<0.0092	U
Trichlorofluoromethane		<0.047	U
Vinyl chloride	13	<0.022	U
Xylenes, Total	500	0.33	
Total VOCs		15.242	-
SEMIVOLATILE ORGANICS BY GC/MS			
1,2,4,5-Tetrachlorobenzene		<0.12	U
1,2,4-Trichlorobenzene		<0.18	U
1,2-Dichlorobenzene	500	<0.24	U
1,3-Dichlorobenzene	280	<0.29	U
1,4-Dichlorobenzene	130	<0.26	U
2,4,5-Trichlorophenol		<0.24	U
2,4,6-Trichlorophenol		<0.32	U
2,4-Dichlorophenol		<0.26	U
2,4-Dimethylphenol		<0.12	U
2,4-Dinitrophenol		<0.33	U
2,4-Dinitrotoluene		<0.18	U
2,6-Dinitrotoluene		<0.4	U
2-Chloronaphthalene		<0.11	U
2-Chlorophenol		<0.32	U
2-Methylnaphthalene		3.2	
2-Methylphenol	500	<0.54	U
2-Nitroaniline		<0.26	U



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	LAB REPORT:	L2346127-01	
	COLLECTION DATE:	8/8/2023	
	SAMPLE MATRIX:	Concrete Fines	
	SAMPLE LOCATION:	Weak Ammonia Liquor Area Concrete	
	Part 375 Commercial SCOs		
(mg/kg)			
2-Nitrophenol		<0.26	U
3,3'-Dichlorobenzidine		<0.47	U
3-Methylphenol/4-Methylphenol	500	0.93	J
3-Nitroaniline		<0.23	U
4,6-Dinitro-o-cresol		<0.22	U
4-Bromophenyl phenyl ether		<0.2	U
4-Chloroaniline		<0.47	U
4-Chlorophenyl phenyl ether		<0.17	U
4-Nitroaniline		<0.33	U
4-Nitrophenol		<0.46	U
Acenaphthene	500	1.8	
Acenaphthylene	500	4.8	
Acetophenone		<0.38	U
Anthracene	500	14	
Benzo(a)anthracene	5.6	22	
Benzo(a)pyrene	1	20	
Benzo(b)fluoranthene	5.6	25	
Benzo(ghi)perylene	500	11	
Benzo(k)fluoranthene	56	7.9	
Benzoic Acid		<0.47	U
Benzyl Alcohol		<0.38	U
Biphenyl		0.82	J
Bis(2-chloroethoxy)methane		<0.22	U
Bis(2-chloroethyl)ether		<0.23	U
Bis(2-chloroisopropyl)ether		<0.27	U
Bis(2-ethylhexyl)phthalate		0.64	J
Butyl benzyl phthalate		<0.4	U
Carbazole		5.4	
Chrysene	56	26	
Di-n-butylphthalate		<0.41	U
Di-n-octylphthalate		<0.32	U
Dibenzo(a,h)anthracene	0.56	3.3	
Dibenzofuran	350	4.5	
Diethyl phthalate		<0.15	U
Dimethyl phthalate		0.21	J
Fluoranthene	500	49	
Fluorene	500	8.4	
Hexachlorobenzene	6	<0.18	U
Hexachlorobutadiene		<0.28	U
Hexachlorocyclopentadiene		<0.18	U
Hexachloroethane		<0.25	U
Indeno(1,2,3-cd)pyrene	5.6	14	



Table 2
 Secondary Containment Closure Construction Completion Report
 Oil Water Separator Tank PT01 - "Think Safety"
 Riverview Innovation & Technology Campus, Inc.,
 Tonawanda, New York

ANALYTE	SAMPLE ID:	WAL CONCRETE-08082023	
	LAB REPORT:	L2346127-01	
	COLLECTION DATE:	8/8/2023	
	SAMPLE MATRIX:	Concrete Fines	
	SAMPLE LOCATION:	Weak Ammonia Liquor Area Concrete	
	Part 375 Commercial SCOs		
(mg/kg)			
Isophorone		<0.23	U
n-Nitrosodi-n-propylamine		<0.33	U
Naphthalene	500	10	
NDPA/DPA		<0.27	U
Nitrobenzene		<0.17	U
p-Chloro-m-cresol		<0.37	U
Pentachlorophenol	6.7	<0.3	U
Phenanthrene	500	40	
Phenol	500	1.4	J
Pyrene	500	35	
Total SVOCs		309.3	-
ORGANOCHLORINE PESTICIDES BY GC			
4,4'-DDD	92	<0.00177	U
4,4'-DDE	62	<0.00114	U
4,4'-DDT	47	<0.00398	U
Aldrin	0.68	<0.00174	U
Alpha-BHC	3.4	<0.000586	U
Beta-BHC	3	<0.00188	U
Chlordane		<0.0164	U
cis-Chlordane	24	<0.00173	U
Delta-BHC	500	<0.00097	U
Dieldrin	1.4	<0.00155	U
Endosulfan I	200	<0.00117	U
Endosulfan II	200	<0.00166	U
Endosulfan sulfate	200	<0.000983	U
Endrin	89	<0.000846	U
Endrin aldehyde		<0.00217	U
Endrin ketone		<0.00128	U
Heptachlor	15	<0.00111	U
Heptachlor epoxide		<0.00279	U
Lindane	9.2	<0.000923	U
Methoxychlor		<0.00289	U
Toxaphene		<0.026	U
trans-Chlordane		<0.00164	U
POLYCHLORINATED BIPHENYLS BY GC			
Aroclor 1016	1	<0.01	U
Aroclor 1221	1	<0.0113	U
Aroclor 1232	1	<0.0239	U
Aroclor 1242	1	0.0488	J
Aroclor 1248	1	<0.0169	U



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	LAB REPORT:	L2346127-01	
	COLLECTION DATE:	8/8/2023	
	SAMPLE MATRIX:	Concrete Fines	
	SAMPLE LOCATION:	Weak Ammonia Liquor Area Concrete	
	Part 375 Commercial SCOs		
(mg/kg)			
Aroclor 1254	1	0.0366	J
Aroclor 1260	1	<0.0208	U
Aroclor 1262	1	<0.0143	U
Aroclor 1268	1	<0.0117	U
PCBs, Total	1	0.0854	J
TOTAL METALS			
Aluminum, Total		13600	
Antimony, Total		<0.335	U
Arsenic, Total	16	32.4	
Barium, Total	400	117	
Beryllium, Total	590	1.09	
Cadmium, Total	9.3	<0.086	U
Calcium, Total		74700	
Chromium, Total		33.3	
Cobalt, Total		4.09	
Copper, Total	270	40.4	
Iron, Total		12400	
Lead, Total	1000	57.3	
Magnesium, Total		8890	
Manganese, Total	10000	778	
Mercury, Total	2.8	0.474	
Nickel, Total	310	11.9	
Potassium, Total		1390	
Selenium, Total	1500	1.25	J
Silver, Total	1500	1.45	
Sodium, Total		585	
Thallium, Total		0.521	J
Vanadium, Total		15.3	
Zinc, Total	10000	77.6	
GENERAL CHEMISTRY			
Solids, Total		87.9	
Cyanide, Total	27	-	
pH		-	
NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Crite			
Qualifiers:			
U - Not detected at the reported detection limit for the sample.			
J - Presumptive evidence of compound.			
Bold - Compound is detected			
Green Highlight - Exceeds Part 375 SCOs for Commercial Criteria			

Appendix A – Laboratory Reports





ANALYTICAL REPORT

Lab Number:	L2339423
Client:	Inventum Engineering 441 Carlisle Drive Suite C Herndon, NY 20170
ATTN:	John Black
Phone:	(571) 752-6562
Project Name:	RITC
Project Number:	PT-01 SUB-SLAB
Report Date:	08/14/25

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2339423-01	BCP-PT01-01-07102023	SOIL	THINK SAFETY	07/10/23 16:30	07/11/23
L2339423-02	BCP-PT01-02-07102023	SOIL	THINK SAFETY	07/10/23 16:35	07/11/23
L2339423-03	BCP-PT01-03-07102023	SOIL	THINK SAFETY	07/10/23 16:40	07/11/23
L2339423-04	BCP-PT01-04-07102023	SOIL	THINK SAFETY	07/10/23 16:45	07/11/23
L2339423-05	BCP-PT01-WASTE-07102023	SOIL	THINK SAFETY	07/10/23 16:50	07/11/23

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Case Narrative

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

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

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

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

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

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

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Case Narrative (continued)

Report Revision

August 14, 2025: The Volatile Organics analyte list and Case Narrative have been amended.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L2339423-01R: The sample was analyzed with the method required holding time exceeded.

Total Metals

L2339423-01 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature:

 Caitlin Walukevich

Title: Technical Director/Representative

Date: 08/14/25

ORGANICS

VOLATILES

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-01
 Client ID: BCP-PT01-01-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:30
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/21/23 15:32
 Analyst: JIC
 Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	400	180	1
1,1-Dichloroethane	ND		ug/kg	80	12.	1
Chloroform	ND		ug/kg	120	11.	1
Carbon tetrachloride	ND		ug/kg	80	18.	1
1,2-Dichloropropane	ND		ug/kg	80	10.	1
Dibromochloromethane	ND		ug/kg	80	11.	1
1,1,2-Trichloroethane	ND		ug/kg	80	21.	1
Tetrachloroethene	17	J	ug/kg	40	16.	1
Chlorobenzene	ND		ug/kg	40	10.	1
Trichlorofluoromethane	ND		ug/kg	320	55.	1
1,2-Dichloroethane	120		ug/kg	80	20.	1
1,1,1-Trichloroethane	ND		ug/kg	40	13.	1
Bromodichloromethane	ND		ug/kg	40	8.7	1
trans-1,3-Dichloropropene	ND		ug/kg	80	22.	1
cis-1,3-Dichloropropene	ND		ug/kg	40	13.	1
Bromoform	ND		ug/kg	320	20.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	40	13.	1
Benzene	4500		ug/kg	40	13.	1
Toluene	3000		ug/kg	80	43.	1
Ethylbenzene	82		ug/kg	80	11.	1
Chloromethane	ND		ug/kg	320	74.	1
Bromomethane	ND		ug/kg	160	46.	1
Vinyl chloride	ND		ug/kg	80	27.	1
Chloroethane	ND		ug/kg	160	36.	1
1,1-Dichloroethene	ND		ug/kg	80	19.	1
trans-1,2-Dichloroethene	ND		ug/kg	120	11.	1
Trichloroethene	ND		ug/kg	40	11.	1
1,2-Dichlorobenzene	ND		ug/kg	160	11.	1

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-01
 Client ID: BCP-PT01-01-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:30
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	160	12.	1
1,4-Dichlorobenzene	ND		ug/kg	160	14.	1
Methyl tert butyl ether	ND		ug/kg	160	16.	1
p/m-Xylene	1400		ug/kg	160	45.	1
o-Xylene	580		ug/kg	80	23.	1
cis-1,2-Dichloroethene	74	J	ug/kg	80	14.	1
Styrene	ND		ug/kg	80	16.	1
Dichlorodifluoromethane	ND		ug/kg	800	73.	1
Acetone	ND		ug/kg	800	380	1
Carbon disulfide	810		ug/kg	800	360	1
2-Butanone	ND		ug/kg	800	180	1
4-Methyl-2-pentanone	ND		ug/kg	800	100	1
2-Hexanone	ND		ug/kg	800	94.	1
1,2-Dibromoethane	ND		ug/kg	80	22.	1
n-Butylbenzene	ND		ug/kg	80	13.	1
sec-Butylbenzene	ND		ug/kg	80	12.	1
tert-Butylbenzene	ND		ug/kg	160	9.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	240	80.	1
Isopropylbenzene	ND		ug/kg	80	8.7	1
p-Isopropyltoluene	1000		ug/kg	80	8.7	1
Naphthalene	40000	E	ug/kg	320	52.	1
n-Propylbenzene	ND		ug/kg	80	14.	1
1,2,4-Trichlorobenzene	ND		ug/kg	160	22.	1
1,3,5-Trimethylbenzene	240		ug/kg	160	15.	1
1,2,4-Trimethylbenzene	560		ug/kg	160	27.	1
Cyclohexane	ND		ug/kg	800	43.	1
Freon-113	ND		ug/kg	320	55.	1
Methyl cyclohexane	ND		ug/kg	320	48.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	82		70-130

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-01 R
 Client ID: BCP-PT01-01-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:30
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 08/06/23 22:38
 Analyst: JIC
 Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl Acetate	450		ug/kg	320	76.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	96		70-130

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-02
 Client ID: BCP-PT01-02-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:35
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/24/23 14:55
 Analyst: KJD
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	350	160	1
1,1-Dichloroethane	ND		ug/kg	71	10.	1
Chloroform	ND		ug/kg	110	9.9	1
Carbon tetrachloride	ND		ug/kg	71	16.	1
1,2-Dichloropropane	ND		ug/kg	71	8.8	1
Dibromochloromethane	ND		ug/kg	71	9.9	1
1,1,2-Trichloroethane	ND		ug/kg	71	19.	1
Tetrachloroethene	ND		ug/kg	35	14.	1
Chlorobenzene	ND		ug/kg	35	9.0	1
Trichlorofluoromethane	ND		ug/kg	280	49.	1
1,2-Dichloroethane	130		ug/kg	71	18.	1
1,1,1-Trichloroethane	ND		ug/kg	35	12.	1
Bromodichloromethane	ND		ug/kg	35	7.7	1
trans-1,3-Dichloropropene	ND		ug/kg	71	19.	1
cis-1,3-Dichloropropene	ND		ug/kg	35	11.	1
Bromoform	ND		ug/kg	280	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	35	12.	1
Benzene	4900		ug/kg	35	12.	1
Toluene	2400		ug/kg	71	38.	1
Ethylbenzene	500		ug/kg	71	10.	1
Chloromethane	ND		ug/kg	280	66.	1
Bromomethane	ND		ug/kg	140	41.	1
Vinyl chloride	ND		ug/kg	71	24.	1
Chloroethane	ND		ug/kg	140	32.	1
1,1-Dichloroethene	ND		ug/kg	71	17.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	9.7	1
Trichloroethene	ND		ug/kg	35	9.7	1
1,2-Dichlorobenzene	ND		ug/kg	140	10.	1

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-02
 Client ID: BCP-PT01-02-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:35
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	140	10.	1
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	2500		ug/kg	140	40.	1
o-Xylene	1300		ug/kg	71	21.	1
cis-1,2-Dichloroethene	ND		ug/kg	71	12.	1
Styrene	37	J	ug/kg	71	14.	1
Dichlorodifluoromethane	ND		ug/kg	710	65.	1
Acetone	ND		ug/kg	710	340	1
Carbon disulfide	ND		ug/kg	710	320	1
2-Butanone	ND		ug/kg	710	160	1
4-Methyl-2-pentanone	ND		ug/kg	710	91.	1
2-Hexanone	ND		ug/kg	710	84.	1
1,2-Dibromoethane	ND		ug/kg	71	20.	1
n-Butylbenzene	140		ug/kg	71	12.	1
sec-Butylbenzene	22	J	ug/kg	71	10.	1
tert-Butylbenzene	ND		ug/kg	140	8.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	210	71.	1
Isopropylbenzene	63	J	ug/kg	71	7.7	1
p-Isopropyltoluene	67	J	ug/kg	71	7.7	1
Naphthalene	110000	E	ug/kg	280	46.	1
n-Propylbenzene	290		ug/kg	71	12.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	19.	1
1,3,5-Trimethylbenzene	3100		ug/kg	140	14.	1
1,2,4-Trimethylbenzene	6600		ug/kg	140	24.	1
Methyl Acetate	630		ug/kg	280	67.	1
Cyclohexane	ND		ug/kg	710	38.	1
Freon-113	ND		ug/kg	280	49.	1
Methyl cyclohexane	68	J	ug/kg	280	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	85		70-130



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-03
 Client ID: BCP-PT01-03-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:40
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/24/23 19:42
 Analyst: KJD
 Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	180	J	ug/kg	380	180	1
1,1-Dichloroethane	ND		ug/kg	77	11.	1
Chloroform	ND		ug/kg	120	11.	1
Carbon tetrachloride	ND		ug/kg	77	18.	1
1,2-Dichloropropane	ND		ug/kg	77	9.6	1
Dibromochloromethane	ND		ug/kg	77	11.	1
1,1,2-Trichloroethane	ND		ug/kg	77	21.	1
Tetrachloroethene	ND		ug/kg	38	15.	1
Chlorobenzene	19	J	ug/kg	38	9.8	1
Trichlorofluoromethane	ND		ug/kg	310	54.	1
1,2-Dichloroethane	ND		ug/kg	77	20.	1
1,1,1-Trichloroethane	ND		ug/kg	38	13.	1
Bromodichloromethane	ND		ug/kg	38	8.4	1
trans-1,3-Dichloropropene	ND		ug/kg	77	21.	1
cis-1,3-Dichloropropene	ND		ug/kg	38	12.	1
Bromoform	ND		ug/kg	310	19.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	38	13.	1
Benzene	45000	E	ug/kg	38	13.	1
Toluene	45000	E	ug/kg	77	42.	1
Ethylbenzene	1600		ug/kg	77	11.	1
Chloromethane	ND		ug/kg	310	72.	1
Bromomethane	ND		ug/kg	150	45.	1
Vinyl chloride	ND		ug/kg	77	26.	1
Chloroethane	ND		ug/kg	150	35.	1
1,1-Dichloroethene	ND		ug/kg	77	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	120	10.	1
Trichloroethene	ND		ug/kg	38	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-03
 Client ID: BCP-PT01-03-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:40
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	16.	1
p/m-Xylene	32000		ug/kg	150	43.	1
o-Xylene	13000		ug/kg	77	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	77	14.	1
Styrene	84		ug/kg	77	15.	1
Dichlorodifluoromethane	ND		ug/kg	770	71.	1
Acetone	450	J	ug/kg	770	370	1
Carbon disulfide	ND		ug/kg	770	350	1
2-Butanone	ND		ug/kg	770	170	1
4-Methyl-2-pentanone	ND		ug/kg	770	99.	1
2-Hexanone	ND		ug/kg	770	91.	1
1,2-Dibromoethane	ND		ug/kg	77	22.	1
n-Butylbenzene	77		ug/kg	77	13.	1
sec-Butylbenzene	ND		ug/kg	77	11.	1
tert-Butylbenzene	ND		ug/kg	150	9.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	230	77.	1
Isopropylbenzene	60	J	ug/kg	77	8.4	1
p-Isopropyltoluene	71	J	ug/kg	77	8.4	1
Naphthalene	140000	E	ug/kg	310	50.	1
n-Propylbenzene	140		ug/kg	77	13.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	21.	1
1,3,5-Trimethylbenzene	6800		ug/kg	150	15.	1
1,2,4-Trimethylbenzene	14000		ug/kg	150	26.	1
Methyl Acetate	260	J	ug/kg	310	73.	1
Cyclohexane	ND		ug/kg	770	42.	1
Freon-113	ND		ug/kg	310	53.	1
Methyl cyclohexane	140	J	ug/kg	310	46.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-04
 Client ID: BCP-PT01-04-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:45
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/24/23 15:35
 Analyst: KJD
 Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	380	170	1
1,1-Dichloroethane	ND		ug/kg	76	11.	1
Chloroform	ND		ug/kg	110	11.	1
Carbon tetrachloride	ND		ug/kg	76	17.	1
1,2-Dichloropropane	ND		ug/kg	76	9.5	1
Dibromochloromethane	ND		ug/kg	76	11.	1
1,1,2-Trichloroethane	ND		ug/kg	76	20.	1
Tetrachloroethene	ND		ug/kg	38	15.	1
Chlorobenzene	14	J	ug/kg	38	9.7	1
Trichlorofluoromethane	ND		ug/kg	300	53.	1
1,2-Dichloroethane	ND		ug/kg	76	20.	1
1,1,1-Trichloroethane	ND		ug/kg	38	13.	1
Bromodichloromethane	ND		ug/kg	38	8.3	1
trans-1,3-Dichloropropene	ND		ug/kg	76	21.	1
cis-1,3-Dichloropropene	ND		ug/kg	38	12.	1
Bromoform	ND		ug/kg	300	19.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	38	13.	1
Benzene	46000	E	ug/kg	38	13.	1
Toluene	35000	E	ug/kg	76	41.	1
Ethylbenzene	1200		ug/kg	76	11.	1
Chloromethane	ND		ug/kg	300	71.	1
Bromomethane	ND		ug/kg	150	44.	1
Vinyl chloride	ND		ug/kg	76	25.	1
Chloroethane	ND		ug/kg	150	34.	1
1,1-Dichloroethene	ND		ug/kg	76	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	10.	1
Trichloroethene	ND		ug/kg	38	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-04
 Client ID: BCP-PT01-04-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:45
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	15000		ug/kg	150	43.	1
o-Xylene	6600		ug/kg	76	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	76	13.	1
Styrene	140		ug/kg	76	15.	1
Dichlorodifluoromethane	ND		ug/kg	760	70.	1
Acetone	ND		ug/kg	760	370	1
Carbon disulfide	ND		ug/kg	760	350	1
2-Butanone	ND		ug/kg	760	170	1
4-Methyl-2-pentanone	ND		ug/kg	760	97.	1
2-Hexanone	ND		ug/kg	760	90.	1
1,2-Dibromoethane	ND		ug/kg	76	21.	1
n-Butylbenzene	150		ug/kg	76	13.	1
sec-Butylbenzene	18	J	ug/kg	76	11.	1
tert-Butylbenzene	ND		ug/kg	150	9.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	230	76.	1
Isopropylbenzene	73	J	ug/kg	76	8.3	1
p-Isopropyltoluene	90		ug/kg	76	8.3	1
Naphthalene	140000	E	ug/kg	300	49.	1
n-Propylbenzene	210		ug/kg	76	13.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	21.	1
1,3,5-Trimethylbenzene	4100		ug/kg	150	15.	1
1,2,4-Trimethylbenzene	8400		ug/kg	150	25.	1
Methyl Acetate	600		ug/kg	300	72.	1
Cyclohexane	ND		ug/kg	760	41.	1
Freon-113	ND		ug/kg	300	53.	1
Methyl cyclohexane	84	J	ug/kg	300	46.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	84		70-130



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-05
 Client ID: BCP-PT01-WASTE-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:50
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/25/23 06:16
 Analyst: MCM
 Percent Solids: 77%
 TCLP/SPLP Ext. Date: 07/24/23 10:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	120		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
dibromofluoromethane	98		70-130

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/24/23 09:41
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02,04 Batch: WG1806971-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/24/23 09:41
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02,04 Batch: WG1806971-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/24/23 09:41
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02,04 Batch: WG1806971-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	82		70-130

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 07/21/23 10:59
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1807000-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/21/23 10:59
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1807000-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	340		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/21/23 10:59
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1807000-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	81		70-130

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/25/23 05:08
Analyst: MCM
TCLP/SPLP Extraction Date: 07/24/23 10:24

Extraction Date: 07/24/23 10:24

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 05 Batch: WG1807355-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
dibromofluoromethane	99		70-130

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/24/23 19:20
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1807516-5					
Methylene chloride	110	J	ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	8.1	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/24/23 19:20
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1807516-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	330	J	ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/24/23 19:20
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1807516-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/06/23 15:16
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1812592-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/06/23 15:16
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1812592-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/06/23 15:16
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1812592-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02,04 Batch: WG1806971-3 WG1806971-4								
Methylene chloride	83		81		70-130	2		30
1,1-Dichloroethane	96		92		70-130	4		30
Chloroform	85		83		70-130	2		30
Carbon tetrachloride	80		79		70-130	1		30
1,2-Dichloropropane	92		90		70-130	2		30
Dibromochloromethane	90		86		70-130	5		30
1,1,2-Trichloroethane	95		89		70-130	7		30
Tetrachloroethene	91		89		70-130	2		30
Chlorobenzene	92		89		70-130	3		30
Trichlorofluoromethane	84		82		70-139	2		30
1,2-Dichloroethane	83		80		70-130	4		30
1,1,1-Trichloroethane	87		85		70-130	2		30
Bromodichloromethane	83		81		70-130	2		30
trans-1,3-Dichloropropene	90		85		70-130	6		30
cis-1,3-Dichloropropene	86		83		70-130	4		30
Bromoform	82		79		70-130	4		30
1,1,2,2-Tetrachloroethane	102		95		70-130	7		30
Benzene	89		86		70-130	3		30
Toluene	94		91		70-130	3		30
Ethylbenzene	97		94		70-130	3		30
Chloromethane	103		101		52-130	2		30
Bromomethane	86		84		57-147	2		30
Vinyl chloride	82		81		67-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02,04 Batch: WG1806971-3 WG1806971-4								
Chloroethane	100		96		50-151	4		30
1,1-Dichloroethene	91		89		65-135	2		30
trans-1,2-Dichloroethene	88		86		70-130	2		30
Trichloroethene	88		86		70-130	2		30
1,2-Dichlorobenzene	92		89		70-130	3		30
1,3-Dichlorobenzene	94		91		70-130	3		30
1,4-Dichlorobenzene	93		90		70-130	3		30
Methyl tert butyl ether	93		88		66-130	6		30
p/m-Xylene	94		91		70-130	3		30
o-Xylene	92		90		70-130	2		30
cis-1,2-Dichloroethene	85		83		70-130	2		30
Styrene	90		87		70-130	3		30
Dichlorodifluoromethane	92		91		30-146	1		30
Acetone	96		88		54-140	9		30
Carbon disulfide	85		84		59-130	1		30
2-Butanone	98		89		70-130	10		30
4-Methyl-2-pentanone	107		94		70-130	13		30
2-Hexanone	111		100		70-130	10		30
1,2-Dibromoethane	92		86		70-130	7		30
n-Butylbenzene	101		98		70-130	3		30
sec-Butylbenzene	102		101		70-130	1		30
tert-Butylbenzene	100		98		70-130	2		30
1,2-Dibromo-3-chloropropane	82		76		68-130	8		30

Lab Control Sample Analysis Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02,04 Batch: WG1806971-3 WG1806971-4								
Isopropylbenzene	100		98		70-130	2		30
p-Isopropyltoluene	101		98		70-130	3		30
Naphthalene	93		87		70-130	7		30
n-Propylbenzene	104		101		70-130	3		30
1,2,4-Trichlorobenzene	95		90		70-130	5		30
1,3,5-Trimethylbenzene	100		98		70-130	2		30
1,2,4-Trimethylbenzene	100		97		70-130	3		30
Methyl Acetate	108		99		51-146	9		30
Cyclohexane	106		104		59-142	2		30
Freon-113	90		88		50-139	2		30
Methyl cyclohexane	92		90		70-130	2		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	87		86		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	112		112		70-130
Dibromofluoromethane	87		87		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
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Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1807000-3 WG1807000-4								
Methylene chloride	84		83		70-130	1		30
1,1-Dichloroethane	95		96		70-130	1		30
Chloroform	85		85		70-130	0		30
Carbon tetrachloride	76		77		70-130	1		30
1,2-Dichloropropane	93		93		70-130	0		30
Dibromochloromethane	92		90		70-130	2		30
1,1,2-Trichloroethane	99		96		70-130	3		30
Tetrachloroethene	87		87		70-130	0		30
Chlorobenzene	92		91		70-130	1		30
Trichlorofluoromethane	81		80		70-139	1		30
1,2-Dichloroethane	86		84		70-130	2		30
1,1,1-Trichloroethane	85		85		70-130	0		30
Bromodichloromethane	83		83		70-130	0		30
trans-1,3-Dichloropropene	92		90		70-130	2		30
cis-1,3-Dichloropropene	86		86		70-130	0		30
Bromoform	85		84		70-130	1		30
1,1,2,2-Tetrachloroethane	107		103		70-130	4		30
Benzene	88		89		70-130	1		30
Toluene	94		93		70-130	1		30
Ethylbenzene	96		96		70-130	0		30
Chloromethane	106		106		52-130	0		30
Bromomethane	88		85		57-147	3		30
Vinyl chloride	82		83		67-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1807000-3 WG1807000-4								
Chloroethane	101		101		50-151	0		30
1,1-Dichloroethene	88		88		65-135	0		30
trans-1,2-Dichloroethene	87		87		70-130	0		30
Trichloroethene	86		87		70-130	1		30
1,2-Dichlorobenzene	93		92		70-130	1		30
1,3-Dichlorobenzene	94		93		70-130	1		30
1,4-Dichlorobenzene	93		92		70-130	1		30
Methyl tert butyl ether	95		94		66-130	1		30
p/m-Xylene	93		92		70-130	1		30
o-Xylene	92		92		70-130	0		30
cis-1,2-Dichloroethene	85		85		70-130	0		30
Styrene	91		90		70-130	1		30
Dichlorodifluoromethane	93		94		30-146	1		30
Acetone	105		103		54-140	2		30
Carbon disulfide	84		84		59-130	0		30
2-Butanone	105		103		70-130	2		30
4-Methyl-2-pentanone	117		111		70-130	5		30
2-Hexanone	120		115		70-130	4		30
1,2-Dibromoethane	94		92		70-130	2		30
n-Butylbenzene	100		99		70-130	1		30
sec-Butylbenzene	101		101		70-130	0		30
tert-Butylbenzene	99		99		70-130	0		30
1,2-Dibromo-3-chloropropane	84		85		68-130	1		30

Lab Control Sample Analysis Batch Quality Control

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1807000-3 WG1807000-4								
Isopropylbenzene	100		100		70-130	0		30
p-Isopropyltoluene	99		99		70-130	0		30
Naphthalene	101		97		70-130	4		30
n-Propylbenzene	103		103		70-130	0		30
1,2,4-Trichlorobenzene	94		94		70-130	0		30
1,3,5-Trimethylbenzene	100		100		70-130	0		30
1,2,4-Trimethylbenzene	100		100		70-130	0		30
Methyl Acetate	118		113		51-146	4		30
Cyclohexane	103		103		59-142	0		30
Freon-113	86		86		50-139	0		30
Methyl cyclohexane	87		88		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		90		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	114		114		70-130
Dibromofluoromethane	87		87		70-130



Lab Control Sample Analysis Batch Quality Control

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Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 05 Batch: WG1807355-3 WG1807355-4								
Chloroform	89		91		70-130	2		20
Carbon tetrachloride	90		94		63-132	4		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	96		95		75-130	1		25
1,2-Dichloroethane	86		88		70-130	2		20
Benzene	93		91		70-130	2		25
Vinyl chloride	74		74		55-140	0		20
1,1-Dichloroethene	80		81		61-145	1		25
Trichloroethene	92		92		70-130	0		25
1,4-Dichlorobenzene	96		94		70-130	2		20
2-Butanone	68		72		63-138	6		20

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	85		94		70-130
Toluene-d8	100		98		70-130
4-Bromofluorobenzene	99		99		70-130
dibromofluoromethane	91		93		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
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Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1807516-3 WG1807516-4									
Methylene chloride	100		102		70-130	2		30	
1,1-Dichloroethane	103		105		70-130	2		30	
Chloroform	101		105		70-130	4		30	
Carbon tetrachloride	101		104		70-130	3		30	
1,2-Dichloropropane	91		94		70-130	3		30	
Dibromochloromethane	89		92		70-130	3		30	
1,1,2-Trichloroethane	90		92		70-130	2		30	
Tetrachloroethene	87		89		70-130	2		30	
Chlorobenzene	90		92		70-130	2		30	
Trichlorofluoromethane	104		111		70-139	7		30	
1,2-Dichloroethane	104		105		70-130	1		30	
1,1,1-Trichloroethane	109		110		70-130	1		30	
Bromodichloromethane	100		102		70-130	2		30	
trans-1,3-Dichloropropene	88		90		70-130	2		30	
cis-1,3-Dichloropropene	92		93		70-130	1		30	
Bromoform	88		94		70-130	7		30	
1,1,2,2-Tetrachloroethane	80		82		70-130	2		30	
Benzene	100		102		70-130	2		30	
Toluene	92		94		70-130	2		30	
Ethylbenzene	95		96		70-130	1		30	
Chloromethane	67		68		52-130	1		30	
Bromomethane	123		124		57-147	1		30	
Vinyl chloride	86		86		67-130	0		30	

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
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Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1807516-3 WG1807516-4								
Chloroethane	93		96		50-151	3		30
1,1-Dichloroethene	101		105		65-135	4		30
trans-1,2-Dichloroethene	98		99		70-130	1		30
Trichloroethene	108		110		70-130	2		30
1,2-Dichlorobenzene	86		88		70-130	2		30
1,3-Dichlorobenzene	87		90		70-130	3		30
1,4-Dichlorobenzene	85		88		70-130	3		30
Methyl tert butyl ether	110		115		66-130	4		30
p/m-Xylene	93		95		70-130	2		30
o-Xylene	92		94		70-130	2		30
cis-1,2-Dichloroethene	96		99		70-130	3		30
Styrene	95		96		70-130	1		30
Dichlorodifluoromethane	90		89		30-146	1		30
Acetone	113		111		54-140	2		30
Carbon disulfide	96		99		59-130	3		30
2-Butanone	63	Q	68	Q	70-130	8		30
4-Methyl-2-pentanone	77		81		70-130	5		30
2-Hexanone	68	Q	70		70-130	3		30
1,2-Dibromoethane	89		93		70-130	4		30
n-Butylbenzene	94		97		70-130	3		30
sec-Butylbenzene	93		96		70-130	3		30
tert-Butylbenzene	88		91		70-130	3		30
1,2-Dibromo-3-chloropropane	78		84		68-130	7		30

Lab Control Sample Analysis Batch Quality Control

Project Name: RITC
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Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1807516-3 WG1807516-4								
Isopropylbenzene	91		95		70-130	4		30
p-Isopropyltoluene	89		91		70-130	2		30
Naphthalene	80		85		70-130	6		30
n-Propylbenzene	92		95		70-130	3		30
1,2,4-Trichlorobenzene	91		94		70-130	3		30
1,3,5-Trimethylbenzene	92		95		70-130	3		30
1,2,4-Trimethylbenzene	90		93		70-130	3		30
Methyl Acetate	95		97		51-146	2		30
Cyclohexane	97		100		59-142	3		30
Freon-113	101		105		50-139	4		30
Methyl cyclohexane	95		96		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		107		70-130
Toluene-d8	97		99		70-130
4-Bromofluorobenzene	100		104		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1812592-3 WG1812592-4								
Methylene chloride	97		92		70-130	5		30
1,1-Dichloroethane	104		96		70-130	8		30
Chloroform	101		94		70-130	7		30
Carbon tetrachloride	100		92		70-130	8		30
1,2-Dichloropropane	105		98		70-130	7		30
Dibromochloromethane	93		91		70-130	2		30
1,1,2-Trichloroethane	99		95		70-130	4		30
Tetrachloroethene	100		91		70-130	9		30
Chlorobenzene	99		94		70-130	5		30
Trichlorofluoromethane	110		102		70-139	8		30
1,2-Dichloroethane	99		96		70-130	3		30
1,1,1-Trichloroethane	106		98		70-130	8		30
Bromodichloromethane	97		94		70-130	3		30
trans-1,3-Dichloropropene	101		97		70-130	4		30
cis-1,3-Dichloropropene	103		97		70-130	6		30
Bromoform	83		84		70-130	1		30
1,1,2,2-Tetrachloroethane	95		95		70-130	0		30
Benzene	103		96		70-130	7		30
Toluene	97		90		70-130	7		30
Ethylbenzene	102		94		70-130	8		30
Chloromethane	105		94		52-130	11		30
Bromomethane	111		102		57-147	8		30
Vinyl chloride	113		101		67-130	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
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Lab Number: L2339423
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1812592-3 WG1812592-4								
Chloroethane	109		99		50-151	10		30
1,1-Dichloroethene	103		94		65-135	9		30
trans-1,2-Dichloroethene	102		94		70-130	8		30
Trichloroethene	106		96		70-130	10		30
1,2-Dichlorobenzene	99		95		70-130	4		30
1,3-Dichlorobenzene	100		94		70-130	6		30
1,4-Dichlorobenzene	98		94		70-130	4		30
Methyl tert butyl ether	99		96		66-130	3		30
p/m-Xylene	104		97		70-130	7		30
o-Xylene	102		96		70-130	6		30
cis-1,2-Dichloroethene	100		93		70-130	7		30
Styrene	101		96		70-130	5		30
Dichlorodifluoromethane	105		94		30-146	11		30
Acetone	90		92		54-140	2		30
Carbon disulfide	97		88		59-130	10		30
2-Butanone	95		102		70-130	7		30
4-Methyl-2-pentanone	92		92		70-130	0		30
2-Hexanone	89		89		70-130	0		30
1,2-Dibromoethane	96		95		70-130	1		30
n-Butylbenzene	113		103		70-130	9		30
sec-Butylbenzene	108		100		70-130	8		30
tert-Butylbenzene	106		96		70-130	10		30
1,2-Dibromo-3-chloropropane	82		83		68-130	1		30

Lab Control Sample Analysis Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1812592-3 WG1812592-4								
Isopropylbenzene	106		98		70-130	8		30
p-Isopropyltoluene	107		99		70-130	8		30
Naphthalene	93		93		70-130	0		30
n-Propylbenzene	109		101		70-130	8		30
1,2,4-Trichlorobenzene	98		93		70-130	5		30
1,3,5-Trimethylbenzene	106		97		70-130	9		30
1,2,4-Trimethylbenzene	105		98		70-130	7		30
Methyl Acetate	95		95		51-146	0		30
Cyclohexane	113		101		59-142	11		30
Freon-113	108		98		50-139	10		30
Methyl cyclohexane	108		98		70-130	10		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	99		101		70-130

SEMIVOLATILES

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-01
 Client ID: BCP-PT01-01-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:30
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/14/23 14:12
 Analyst: ALS
 Percent Solids: 75%

Extraction Method: EPA 3546
 Extraction Date: 07/14/23 03:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	420		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	2000		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	31000	E	ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	75.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	75	J	ug/kg	130	25.	1
Benzo(a)pyrene	58	J	ug/kg	180	54.	1

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-01
 Client ID: BCP-PT01-01-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:30
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	72	J	ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	36.	1
Chrysene	65	J	ug/kg	130	23.	1
Acenaphthylene	1500		ug/kg	180	34.	1
Anthracene	2400		ug/kg	130	43.	1
Benzo(ghi)perylene	28	J	ug/kg	180	26.	1
Fluorene	2600		ug/kg	220	22.	1
Phenanthrene	7300		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	34	J	ug/kg	180	31.	1
Pyrene	1000		ug/kg	130	22.	1
Biphenyl	860		ug/kg	510	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	2400		ug/kg	220	21.	1
2-Methylnaphthalene	4200		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	1600		ug/kg	220	73.	1
2-Nitrophenol	ND		ug/kg	480	83.	1
4-Nitrophenol	ND		ug/kg	310	90.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	1300		ug/kg	220	34.	1
2-Methylphenol	2200		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	2700		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	39	J	ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	290	60.	1

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-01
 Client ID: BCP-PT01-01-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:30
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	67.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	79		18-120

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-01 D
 Client ID: BCP-PT01-01-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:30
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/25/23 13:51
 Analyst: MG
 Percent Solids: 75%

Extraction Method: EPA 3546
 Extraction Date: 07/14/23 03:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	84000		ug/kg	4400	540	20

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-02
 Client ID: BCP-PT01-02-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:35
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/14/23 14:35
 Analyst: MG
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 07/14/23 03:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2000		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	35.	1
Fluoranthene	15000	E	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	56000	E	ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	71.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	1100		ug/kg	120	23.	1
Benzo(a)pyrene	720		ug/kg	160	50.	1

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-02
 Client ID: BCP-PT01-02-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:35
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1100		ug/kg	120	35.	1
Benzo(k)fluoranthene	340		ug/kg	120	33.	1
Chrysene	1100		ug/kg	120	21.	1
Acenaphthylene	14000	E	ug/kg	160	32.	1
Anthracene	12000	E	ug/kg	120	40.	1
Benzo(ghi)perylene	460		ug/kg	160	24.	1
Fluorene	15000	E	ug/kg	210	20.	1
Phenanthrene	28000	E	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	110	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	520		ug/kg	160	29.	1
Pyrene	12000	E	ug/kg	120	20.	1
Biphenyl	6700		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	85.	1
Dibenzofuran	14000	E	ug/kg	210	20.	1
2-Methylnaphthalene	28000	E	ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	1900		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	29000	E	ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	440	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	4100		ug/kg	210	31.	1
2-Methylphenol	12000	E	ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	11000	E	ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	200	J	ug/kg	210	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	56.	1



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-02
 Client ID: BCP-PT01-02-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:35
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	101		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	76		18-120

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-02 D2
 Client ID: BCP-PT01-02-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:35
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/26/23 10:19
 Analyst: LJG
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 07/14/23 03:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	270000		ug/kg	21000	2500	100

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-02 D
 Client ID: BCP-PT01-02-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:35
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/25/23 14:08
 Analyst: MG
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 07/14/23 03:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	24000		ug/kg	2500	470	20
Acenaphthylene	13000		ug/kg	3300	640	20
Anthracene	15000		ug/kg	2500	800	20
Fluorene	15000		ug/kg	4100	400	20
Phenanthrene	51000		ug/kg	2500	500	20
Pyrene	14000		ug/kg	2500	410	20
Dibenzofuran	15000		ug/kg	4100	390	20
2-Methylnaphthalene	29000		ug/kg	5000	500	20
2,4-Dimethylphenol	26000		ug/kg	4100	1400	20
2-Methylphenol	11000		ug/kg	4100	640	20
3-Methylphenol/4-Methylphenol	8600		ug/kg	5900	650	20

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-03
 Client ID: BCP-PT01-03-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:40
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/14/23 14:59
 Analyst: MG
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 07/14/23 03:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	600		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	29.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	6200		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	39000	E	ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	460		ug/kg	130	24.	1
Benzo(a)pyrene	370		ug/kg	170	53.	1

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-03
 Client ID: BCP-PT01-03-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:40
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	570		ug/kg	130	37.	1
Benzo(k)fluoranthene	180		ug/kg	130	35.	1
Chrysene	480		ug/kg	130	23.	1
Acenaphthylene	3500		ug/kg	170	34.	1
Anthracene	3300		ug/kg	130	42.	1
Benzo(ghi)perylene	220		ug/kg	170	26.	1
Fluorene	4400		ug/kg	220	21.	1
Phenanthrene	13000	E	ug/kg	130	26.	1
Dibenzo(a,h)anthracene	60	J	ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	260		ug/kg	170	30.	1
Pyrene	3700		ug/kg	130	22.	1
Biphenyl	1900		ug/kg	500	28.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	4800		ug/kg	220	20.	1
2-Methylnaphthalene	12000	E	ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	22000	E	ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	300	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	1500		ug/kg	220	33.	1
2-Methylphenol	8300		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	7000		ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	140	J	ug/kg	220	21.	1
Atrazine	ND		ug/kg	170	76.	1
Benzaldehyde	ND		ug/kg	290	59.	1

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-03
 Client ID: BCP-PT01-03-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:40
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	108		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	83		18-120

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-03 D
 Client ID: BCP-PT01-03-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:40
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/25/23 14:25
 Analyst: MG
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 07/14/23 03:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	110000		ug/kg	4300	530	20
Phenanthrene	11000		ug/kg	2600	530	20
2-Methylnaphthalene	9900		ug/kg	5200	520	20
2,4-Dimethylphenol	17000		ug/kg	4300	1400	20

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-04
 Client ID: BCP-PT01-04-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:45
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/14/23 15:22
 Analyst: MG
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 07/14/23 03:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1400		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	21000	E	ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	44000	E	ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	82	J	ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	1400		ug/kg	130	24.	1
Benzo(a)pyrene	900		ug/kg	170	52.	1

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-04
 Client ID: BCP-PT01-04-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:45
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1500		ug/kg	130	36.	1
Benzo(k)fluoranthene	460		ug/kg	130	34.	1
Chrysene	1400		ug/kg	130	22.	1
Acenaphthylene	8300		ug/kg	170	33.	1
Anthracene	12000	E	ug/kg	130	41.	1
Benzo(ghi)perylene	620		ug/kg	170	25.	1
Fluorene	9300	E	ug/kg	210	20.	1
Phenanthrene	27000	E	ug/kg	130	26.	1
Dibenzo(a,h)anthracene	160		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	690		ug/kg	170	30.	1
Pyrene	16000	E	ug/kg	130	21.	1
Biphenyl	4500		ug/kg	480	28.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	13000	E	ug/kg	210	20.	1
2-Methylnaphthalene	17000	E	ug/kg	250	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	10000	E	ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	1600		ug/kg	210	32.	1
2-Methylphenol	6900		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	7700		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	210		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-04
 Client ID: BCP-PT01-04-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:45
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	72		18-120

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-04 D
 Client ID: BCP-PT01-04-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:45
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/25/23 14:42
 Analyst: MG
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 07/14/23 03:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	37000		ug/kg	2500	480	20
Naphthalene	140000		ug/kg	4200	520	20
Anthracene	12000		ug/kg	2500	820	20
Fluorene	7800		ug/kg	4200	410	20
Phenanthrene	45000		ug/kg	2500	510	20
Pyrene	21000		ug/kg	2500	420	20
Dibenzofuran	11000		ug/kg	4200	400	20
2-Methylnaphthalene	15000		ug/kg	5100	510	20
2,4-Dimethylphenol	10000		ug/kg	4200	1400	20

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-05
 Client ID: BCP-PT01-WASTE-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:50
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/21/23 04:12
 Analyst: CMM
 Percent Solids: 77%
 TCLP/SPLP Ext. Date: 07/13/23 05:55

Extraction Method: EPA 3510C
 Extraction Date: 07/18/23 07:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	3.4	1
2,4-Dinitrotoluene	ND		ug/l	25	1.9	1
Hexachlorobutadiene	ND		ug/l	10	3.0	1
Hexachloroethane	ND		ug/l	10	2.2	1
Nitrobenzene	ND		ug/l	10	3.3	1
2,4,6-Trichlorophenol	ND		ug/l	25	2.5	1
Pentachlorophenol	ND		ug/l	50	9.8	1
2-Methylphenol	68		ug/l	25	5.5	1
3-Methylphenol/4-Methylphenol	66		ug/l	25	2.8	1
2,4,5-Trichlorophenol	ND		ug/l	25	1.9	1
Pyridine	15	J	ug/l	18	4.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	68		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	108		10-120
4-Terphenyl-d14	83		33-120

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/14/23 10:16
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/14/23 03:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1803131-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	57.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	31.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/14/23 10:16
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/14/23 03:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1803131-1					
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 07/14/23 10:16
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 07/14/23 03:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1803131-1					
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Carbazole	ND		ug/kg	170	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	170	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	84		18-120

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/20/23 23:47
Analyst: CMM
TCLP/SPLP Extraction Date: 07/13/23 05:55

Extraction Method: EPA 3510C
Extraction Date: 07/18/23 07:37

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 05 Batch: WG1804413-1					
Hexachlorobenzene	ND		ug/l	10	3.4
2,4-Dinitrotoluene	ND		ug/l	25	1.9
Hexachlorobutadiene	ND		ug/l	10	3.0
Hexachloroethane	ND		ug/l	10	2.2
Nitrobenzene	ND		ug/l	10	3.3
2,4,6-Trichlorophenol	ND		ug/l	25	2.5
Pentachlorophenol	ND		ug/l	50	9.8
2-Methylphenol	ND		ug/l	25	5.5
3-Methylphenol/4-Methylphenol	ND		ug/l	25	2.8
2,4,5-Trichlorophenol	ND		ug/l	25	1.9
Pyridine	ND		ug/l	18	4.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		21-120
Phenol-d6	89		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	102		15-120
2,4,6-Tribromophenol	139	Q	10-120
4-Terphenyl-d14	107		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1803131-2 WG1803131-3								
Acenaphthene	80		80		31-137	0		50
Hexachlorobenzene	87		87		40-140	0		50
Bis(2-chloroethyl)ether	78		69		40-140	12		50
2-Chloronaphthalene	84		86		40-140	2		50
3,3'-Dichlorobenzidine	74		78		40-140	5		50
2,4-Dinitrotoluene	92		88		40-132	4		50
2,6-Dinitrotoluene	82		84		40-140	2		50
Fluoranthene	81		85		40-140	5		50
4-Chlorophenyl phenyl ether	83		84		40-140	1		50
4-Bromophenyl phenyl ether	84		84		40-140	0		50
Bis(2-chloroisopropyl)ether	81		79		40-140	3		50
Bis(2-chloroethoxy)methane	77		78		40-117	1		50
Hexachlorobutadiene	76		74		40-140	3		50
Hexachlorocyclopentadiene	86		89		40-140	3		50
Hexachloroethane	71		66		40-140	7		50
Isophorone	80		77		40-140	4		50
Naphthalene	82		82		40-140	0		50
Nitrobenzene	77		79		40-140	3		50
NDPA/DPA	82		83		36-157	1		50
n-Nitrosodi-n-propylamine	77		73		32-121	5		50
Bis(2-ethylhexyl)phthalate	75		82		40-140	9		50
Butyl benzyl phthalate	82		76		40-140	8		50
Di-n-butylphthalate	79		78		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1803131-2 WG1803131-3								
Di-n-octylphthalate	77		78		40-140	1		50
Diethyl phthalate	77		77		40-140	0		50
Dimethyl phthalate	81		82		40-140	1		50
Benzo(a)anthracene	81		82		40-140	1		50
Benzo(a)pyrene	94		96		40-140	2		50
Benzo(b)fluoranthene	83		85		40-140	2		50
Benzo(k)fluoranthene	91		92		40-140	1		50
Chrysene	81		81		40-140	0		50
Acenaphthylene	89		90		40-140	1		50
Anthracene	85		86		40-140	1		50
Benzo(ghi)perylene	80		81		40-140	1		50
Fluorene	81		82		40-140	1		50
Phenanthrene	81		82		40-140	1		50
Dibenzo(a,h)anthracene	80		81		40-140	1		50
Indeno(1,2,3-cd)pyrene	80		82		40-140	2		50
Pyrene	81		86		35-142	6		50
Biphenyl	90		92		37-127	2		50
4-Chloroaniline	79		60		40-140	27		50
2-Nitroaniline	89		92		47-134	3		50
3-Nitroaniline	75		77		26-129	3		50
4-Nitroaniline	82		86		41-125	5		50
Dibenzofuran	89		85		40-140	5		50
2-Methylnaphthalene	86		91		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1803131-2 WG1803131-3								
1,2,4,5-Tetrachlorobenzene	84		88		40-117	5		50
Acetophenone	86		82		14-144	5		50
2,4,6-Trichlorophenol	90		97		30-130	7		50
p-Chloro-m-cresol	87		94		26-103	8		50
2-Chlorophenol	85		79		25-102	7		50
2,4-Dichlorophenol	90		88		30-130	2		50
2,4-Dimethylphenol	90		88		30-130	2		50
2-Nitrophenol	90		86		30-130	5		50
4-Nitrophenol	102		92		11-114	10		50
2,4-Dinitrophenol	56		60		4-130	7		50
4,6-Dinitro-o-cresol	93		96		10-130	3		50
Pentachlorophenol	103		104		17-109	1		50
Phenol	88		81		26-90	8		50
2-Methylphenol	90		85		30-130.	6		50
3-Methylphenol/4-Methylphenol	91		84		30-130	8		50
2,4,5-Trichlorophenol	91		97		30-130	6		50
Carbazole	83		83		54-128	0		50
Atrazine	90		90		40-140	0		50
Benzaldehyde	100		90		40-140	11		50
Caprolactam	90		104		15-130	14		50
2,3,4,6-Tetrachlorophenol	89		87		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1803131-2 WG1803131-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	86		82		25-120
Phenol-d6	85		78		10-120
Nitrobenzene-d5	76		76		23-120
2-Fluorobiphenyl	83		86		30-120
2,4,6-Tribromophenol	96		98		10-136
4-Terphenyl-d14	75		79		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 05 Batch: WG1804413-2 WG1804413-3								
Hexachlorobenzene	124		103		40-140	19		30
2,4-Dinitrotoluene	130		109		40-132	18		30
Hexachlorobutadiene	110		94		28-111	16		30
Hexachloroethane	92		80		21-105	14		30
Nitrobenzene	124		104		40-140	18		30
2,4,6-Trichlorophenol	142	Q	120		30-130	17		30
Pentachlorophenol	152	Q	127	Q	9-103	18		30
2-Methylphenol	105		94		30-130	11		30
3-Methylphenol/4-Methylphenol	116		100		30-130	15		30
2,4,5-Trichlorophenol	140	Q	117		30-130	18		30
Pyridine	35		11		10-66	104	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	105		91		21-120
Phenol-d6	101		87		10-120
Nitrobenzene-d5	123	Q	106		23-120
2-Fluorobiphenyl	115		97		15-120
2,4,6-Tribromophenol	144	Q	121	Q	10-120
4-Terphenyl-d14	114		92		33-120

PCBS

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-01
 Client ID: BCP-PT01-01-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:30
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/17/23 07:25
 Analyst: ENT
 Percent Solids: 75%

Extraction Method: EPA 3546
 Extraction Date: 07/15/23 18:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/16/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.4	5.46	1	A
Aroclor 1221	ND		ug/kg	61.4	6.16	1	A
Aroclor 1232	ND		ug/kg	61.4	13.0	1	A
Aroclor 1242	ND		ug/kg	61.4	8.28	1	A
Aroclor 1248	ND		ug/kg	61.4	9.22	1	A
Aroclor 1254	ND		ug/kg	61.4	6.72	1	A
Aroclor 1260	ND		ug/kg	61.4	11.4	1	A
Aroclor 1262	ND		ug/kg	61.4	7.80	1	A
Aroclor 1268	ND		ug/kg	61.4	6.37	1	A
PCBs, Total	ND		ug/kg	61.4	5.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-02
 Client ID: BCP-PT01-02-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:35
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/17/23 07:38
 Analyst: ENT
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 07/15/23 18:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/16/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.1	5.25	1	A
Aroclor 1221	ND		ug/kg	59.1	5.92	1	A
Aroclor 1232	ND		ug/kg	59.1	12.5	1	A
Aroclor 1242	ND		ug/kg	59.1	7.97	1	A
Aroclor 1248	ND		ug/kg	59.1	8.87	1	A
Aroclor 1254	57.3	J	ug/kg	59.1	6.47	1	A
Aroclor 1260	ND		ug/kg	59.1	10.9	1	A
Aroclor 1262	ND		ug/kg	59.1	7.51	1	A
Aroclor 1268	ND		ug/kg	59.1	6.12	1	A
PCBs, Total	57.3	J	ug/kg	59.1	5.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-03
 Client ID: BCP-PT01-03-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:40
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/17/23 07:51
 Analyst: ENT
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 07/15/23 18:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/16/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.7	5.30	1	A
Aroclor 1221	ND		ug/kg	59.7	5.98	1	A
Aroclor 1232	ND		ug/kg	59.7	12.6	1	A
Aroclor 1242	ND		ug/kg	59.7	8.05	1	A
Aroclor 1248	ND		ug/kg	59.7	8.96	1	A
Aroclor 1254	18.1	J	ug/kg	59.7	6.53	1	B
Aroclor 1260	ND		ug/kg	59.7	11.0	1	A
Aroclor 1262	ND		ug/kg	59.7	7.58	1	A
Aroclor 1268	ND		ug/kg	59.7	6.19	1	A
PCBs, Total	18.1	J	ug/kg	59.7	5.30	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-04
 Client ID: BCP-PT01-04-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:45
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/17/23 08:03
 Analyst: ENT
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 07/15/23 18:57
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/16/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	63.2	5.61	1	A
Aroclor 1221	ND		ug/kg	63.2	6.34	1	A
Aroclor 1232	ND		ug/kg	63.2	13.4	1	A
Aroclor 1242	ND		ug/kg	63.2	8.52	1	A
Aroclor 1248	ND		ug/kg	63.2	9.48	1	A
Aroclor 1254	85.5		ug/kg	63.2	6.92	1	A
Aroclor 1260	ND		ug/kg	63.2	11.7	1	A
Aroclor 1262	ND		ug/kg	63.2	8.03	1	A
Aroclor 1268	ND		ug/kg	63.2	6.55	1	A
PCBs, Total	85.5		ug/kg	63.2	5.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 07/16/23 12:01
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 07/15/23 11:00
Cleanup Method: EPA 3665A
Cleanup Date: 07/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 07/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1803666-1						
Aroclor 1016	ND		ug/kg	49.2	4.37	A
Aroclor 1221	ND		ug/kg	49.2	4.93	A
Aroclor 1232	ND		ug/kg	49.2	10.4	A
Aroclor 1242	ND		ug/kg	49.2	6.63	A
Aroclor 1248	ND		ug/kg	49.2	7.38	A
Aroclor 1254	ND		ug/kg	49.2	5.38	A
Aroclor 1260	ND		ug/kg	49.2	9.09	A
Aroclor 1262	ND		ug/kg	49.2	6.25	A
Aroclor 1268	ND		ug/kg	49.2	5.10	A
PCBs, Total	ND		ug/kg	49.2	4.37	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	67		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1803666-2 WG1803666-3									
Aroclor 1016	57		52		40-140	9		50	A
Aroclor 1260	56		50		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		56		30-150	A
Decachlorobiphenyl	60		54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		62		30-150	B
Decachlorobiphenyl	72		66		30-150	B



PESTICIDES

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-05
 Client ID: BCP-PT01-WASTE-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:50
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/19/23 16:59
 Analyst: AKM
 Percent Solids: 77%
 TCLP/SPLP Ext. Date: 07/13/23 05:55

Extraction Method: EPA 3510C
 Extraction Date: 07/18/23 10:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-05
 Client ID: BCP-PT01-WASTE-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:50
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 07/16/23 16:14
 Analyst: EJL
 Percent Solids: 77%
 TCLP/SPLP Ext. Date: 07/13/23 05:55
 Methylation Date: 07/15/23 17:28

Extraction Method: EPA 8151A
 Extraction Date: 07/14/23 15:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	41		30-150	A
DCAA	47		30-150	B

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/16/23 15:19
Analyst: EJL
TCLP/SPLP Extraction Date: 07/13/23 05:55
Methylation Date: 07/15/23 17:28

Extraction Method: EPA 8151A
Extraction Date: 07/14/23 15:53

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 05 Batch: WG1803469-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	67		30-150	A
DCAA	68		30-150	B

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
Analytical Date: 07/19/23 16:26
Analyst: AKM
TCLP/SPLP Extraction Date: 07/13/23 05:55

Extraction Method: EPA 3510C
Extraction Date: 07/18/23 10:54

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 05 Batch: WG1804529-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	111		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	99		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 05 Batch: WG1803469-2 WG1803469-3									
2,4-D	171	Q	181	Q	30-150	6		25	A
2,4,5-TP (Silvex)	61		56		30-150	9		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	62		58		30-150	A
DCAA	65		60		30-150	B



Lab Control Sample Analysis Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 05 Batch: WG1804529-2 WG1804529-3									
Lindane	93		89		30-150	4		20	A
Heptachlor	92		89		30-150	4		20	A
Heptachlor epoxide	90		86		30-150	5		20	A
Endrin	92		88		30-150	4		20	A
Methoxychlor	116		112		30-150	4		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		76		30-150	A
Decachlorobiphenyl	109		105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		74		30-150	B
Decachlorobiphenyl	95		90		30-150	B

METALS



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-01
 Client ID: BCP-PT01-01-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:30
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14900		mg/kg	10.4	2.81	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Antimony, Total	2.12	J	mg/kg	5.21	0.396	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Arsenic, Total	5.60		mg/kg	1.04	0.217	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Barium, Total	101		mg/kg	1.04	0.181	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.979		mg/kg	0.521	0.034	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	1.04	0.102	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Calcium, Total	29900		mg/kg	10.4	3.65	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Chromium, Total	16.9		mg/kg	1.04	0.100	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.28		mg/kg	2.08	0.173	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Copper, Total	16.8		mg/kg	1.04	0.269	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Iron, Total	27100		mg/kg	5.21	0.941	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Lead, Total	33.2		mg/kg	5.21	0.279	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Magnesium, Total	7960		mg/kg	10.4	1.60	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Manganese, Total	559		mg/kg	1.04	0.166	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Mercury, Total	0.946		mg/kg	0.096	0.063	1	07/14/23 00:15	08/04/23 12:41	EPA 7471B	1,7471B	DHL
Nickel, Total	18.8		mg/kg	2.60	0.252	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Potassium, Total	981		mg/kg	260	15.0	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	2.08	0.269	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.521	0.295	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Sodium, Total	505		mg/kg	208	3.28	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	2.08	0.328	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Vanadium, Total	21.1		mg/kg	1.04	0.212	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB
Zinc, Total	164		mg/kg	5.21	0.305	2	07/13/23 23:15	08/02/23 09:56	EPA 3050B	1,6010D	DMB



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-02
 Client ID: BCP-PT01-02-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:35
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9480		mg/kg	9.90	2.67	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Antimony, Total	3.63	J	mg/kg	4.95	0.376	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Arsenic, Total	9.06		mg/kg	0.990	0.206	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Barium, Total	86.1		mg/kg	0.990	0.172	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.769		mg/kg	0.495	0.033	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.555	J	mg/kg	0.990	0.097	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Calcium, Total	37500		mg/kg	9.90	3.47	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Chromium, Total	51.4		mg/kg	0.990	0.095	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Cobalt, Total	7.85		mg/kg	1.98	0.164	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Copper, Total	44.8		mg/kg	0.990	0.255	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Iron, Total	52200		mg/kg	24.8	4.47	10	07/13/23 23:15	08/02/23 15:57	EPA 3050B	1,6010D	DMB
Lead, Total	530		mg/kg	4.95	0.265	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Magnesium, Total	8040		mg/kg	9.90	1.52	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Manganese, Total	719		mg/kg	0.990	0.157	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Mercury, Total	24.8		mg/kg	0.950	0.620	10	07/14/23 00:15	08/04/23 13:11	EPA 7471B	1,7471B	DHL
Nickel, Total	31.8		mg/kg	2.48	0.240	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Potassium, Total	711	J	mg/kg	1240	71.3	10	07/13/23 23:15	08/02/23 15:57	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.98	0.255	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.495	0.280	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Sodium, Total	154	J	mg/kg	198	3.12	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Thallium, Total	0.637	J	mg/kg	1.98	0.312	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Vanadium, Total	19.3		mg/kg	0.990	0.201	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB
Zinc, Total	129		mg/kg	4.95	0.290	2	07/13/23 23:15	08/02/23 10:55	EPA 3050B	1,6010D	DMB



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-03
 Client ID: BCP-PT01-03-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:40
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15400		mg/kg	10.2	2.76	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Antimony, Total	1.93	J	mg/kg	5.11	0.388	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Arsenic, Total	5.82		mg/kg	1.02	0.213	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Barium, Total	138		mg/kg	1.02	0.178	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Beryllium, Total	1.33		mg/kg	0.511	0.034	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	1.02	0.100	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Calcium, Total	16900		mg/kg	10.2	3.58	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Chromium, Total	21.0		mg/kg	1.02	0.098	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Cobalt, Total	14.5		mg/kg	2.04	0.170	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Copper, Total	18.7		mg/kg	1.02	0.264	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Iron, Total	29200		mg/kg	5.11	0.923	2	07/13/23 23:15	08/02/23 15:26	EPA 3050B	1,6010D	DMB
Lead, Total	81.2		mg/kg	5.11	0.274	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Magnesium, Total	6660		mg/kg	10.2	1.57	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Manganese, Total	662		mg/kg	1.02	0.162	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Mercury, Total	3.10		mg/kg	0.093	0.061	1	07/14/23 00:15	08/04/23 12:50	EPA 7471B	1,7471B	DHL
Nickel, Total	27.6		mg/kg	2.56	0.247	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Potassium, Total	1030		mg/kg	256	14.7	2	07/13/23 23:15	08/02/23 15:26	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	2.04	0.264	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.511	0.289	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Sodium, Total	128	J	mg/kg	204	3.22	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	2.04	0.322	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Vanadium, Total	28.2		mg/kg	1.02	0.208	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB
Zinc, Total	77.9		mg/kg	5.11	0.300	2	07/13/23 23:15	08/02/23 10:59	EPA 3050B	1,6010D	DMB



Project Name: RITC**Lab Number:** L2339423**Project Number:** PT-01 SUB-SLAB**Report Date:** 08/14/25**SAMPLE RESULTS**

Lab ID: L2339423-04
 Client ID: BCP-PT01-04-07102023
 Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:45
 Date Received: 07/11/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8190		mg/kg	10.1	2.73	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Antimony, Total	1.20	J	mg/kg	5.06	0.385	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Arsenic, Total	3.23		mg/kg	1.01	0.210	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Barium, Total	71.1		mg/kg	1.01	0.176	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.468	J	mg/kg	0.506	0.033	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.139	J	mg/kg	1.01	0.099	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Calcium, Total	8980		mg/kg	10.1	3.54	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Chromium, Total	16.5		mg/kg	1.01	0.097	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Cobalt, Total	3.98		mg/kg	2.02	0.168	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Copper, Total	20.6		mg/kg	1.01	0.261	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Iron, Total	19900		mg/kg	5.06	0.914	2	07/13/23 23:15	08/02/23 15:31	EPA 3050B	1,6010D	DMB
Lead, Total	215		mg/kg	5.06	0.271	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Magnesium, Total	2290		mg/kg	10.1	1.56	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Manganese, Total	238		mg/kg	1.01	0.161	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Mercury, Total	15.6		mg/kg	1.00	0.653	10	07/14/23 00:15	08/04/23 13:21	EPA 7471B	1,7471B	DHL
Nickel, Total	12.9		mg/kg	2.53	0.245	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Potassium, Total	540		mg/kg	253	14.6	2	07/13/23 23:15	08/02/23 15:31	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	2.02	0.261	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.506	0.286	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Sodium, Total	119	J	mg/kg	202	3.19	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	2.02	0.319	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Vanadium, Total	14.5		mg/kg	1.01	0.205	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB
Zinc, Total	94.1		mg/kg	5.06	0.296	2	07/13/23 23:15	08/02/23 11:04	EPA 3050B	1,6010D	DMB



Project Name: RITC**Lab Number:** L2339423**Project Number:** PT-01 SUB-SLAB**Report Date:** 08/14/25**SAMPLE RESULTS**

Lab ID: L2339423-05

Date Collected: 07/10/23 16:50

Client ID: BCP-PT01-WASTE-07102023

Date Received: 07/11/23

Sample Location: THINK SAFETY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 07/13/23 05:55

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	07/18/23 21:34	08/02/23 10:01	EPA 3015	1,6010D	JMF
Barium, TCLP	0.744		mg/l	0.500	0.0210	1	07/18/23 21:34	08/02/23 10:01	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	07/18/23 21:34	08/02/23 10:01	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	07/18/23 21:34	08/02/23 10:01	EPA 3015	1,6010D	JMF
Lead, TCLP	0.312	J	mg/l	0.500	0.0270	1	07/18/23 21:34	08/02/23 10:01	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/18/23 16:55	08/02/23 19:11	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	07/18/23 21:34	08/02/23 10:01	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	07/18/23 21:34	08/02/23 10:01	EPA 3015	1,6010D	JMF



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1802988-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Arsenic, Total	0.097	J	mg/kg	0.400	0.083	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Barium, Total	ND		mg/kg	0.400	0.070	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Copper, Total	ND		mg/kg	0.400	0.103	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Iron, Total	ND		mg/kg	2.00	0.361	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Lead, Total	ND		mg/kg	2.00	0.107	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Potassium, Total	ND		mg/kg	100	5.76	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Silver, Total	ND		mg/kg	0.200	0.113	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Sodium, Total	8.13	J	mg/kg	80.0	1.26	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/13/23 23:15	08/02/23 09:38	1,6010D	DMB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1802991-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/14/23 00:15	08/04/23 12:11	1,7471B	DHL



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 05 Batch: WG1804246-1									
Arsenic, TCLP	ND	mg/l	1.00	0.0190	1	07/18/23 21:34	08/02/23 09:38	1,6010D	JMF
Barium, TCLP	ND	mg/l	0.500	0.0210	1	07/18/23 21:34	08/02/23 09:38	1,6010D	JMF
Cadmium, TCLP	ND	mg/l	0.100	0.0100	1	07/18/23 21:34	08/02/23 09:38	1,6010D	JMF
Chromium, TCLP	ND	mg/l	0.200	0.0210	1	07/18/23 21:34	08/02/23 09:38	1,6010D	JMF
Lead, TCLP	ND	mg/l	0.500	0.0270	1	07/18/23 21:34	08/02/23 09:38	1,6010D	JMF
Selenium, TCLP	ND	mg/l	0.500	0.0350	1	07/18/23 21:34	08/02/23 09:38	1,6010D	JMF
Silver, TCLP	ND	mg/l	0.100	0.0280	1	07/18/23 21:34	08/02/23 09:38	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 07/13/23 05:55

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 05 Batch: WG1804248-1									
Mercury, TCLP	ND	mg/l	0.0010	0.0005	1	07/18/23 16:55	08/02/23 19:05	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 07/13/23 05:55



Lab Control Sample Analysis Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1802988-2 SRM Lot Number: D119-540								
Aluminum, Total	85		-		48-152	-		
Antimony, Total	93		-		10-190	-		
Arsenic, Total	101		-		83-117	-		
Barium, Total	101		-		82-118	-		
Beryllium, Total	104		-		83-117	-		
Cadmium, Total	103		-		82-117	-		
Calcium, Total	101		-		81-118	-		
Chromium, Total	102		-		82-119	-		
Cobalt, Total	102		-		83-117	-		
Copper, Total	106		-		84-116	-		
Iron, Total	108		-		60-140	-		
Lead, Total	100		-		82-118	-		
Magnesium, Total	95		-		76-124	-		
Manganese, Total	108		-		82-118	-		
Nickel, Total	104		-		82-117	-		
Potassium, Total	96		-		70-130	-		
Selenium, Total	110		-		79-121	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	107		-		74-126	-		
Thallium, Total	103		-		81-119	-		
Vanadium, Total	102		-		79-121	-		



Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1802988-2 SRM Lot Number: D119-540					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1802991-2 SRM Lot Number: D119-540					
Mercury, Total	80	-	73-127	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 Batch: WG1804246-2					
Arsenic, TCLP	102	-	75-125	-	20
Barium, TCLP	88	-	75-125	-	20
Cadmium, TCLP	98	-	75-125	-	20
Chromium, TCLP	90	-	75-125	-	20
Lead, TCLP	99	-	75-125	-	20
Selenium, TCLP	102	-	75-125	-	20
Silver, TCLP	92	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 Batch: WG1804248-2					
Mercury, TCLP	93	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1802988-3 WG1802988-4 QC Sample: L2339907-02 Client ID: MS Sample												
Aluminum, Total	4380	172	4530	87		5130	432	Q	75-125	12		20
Antimony, Total	0.611J	43	31.1	72	Q	28.5	66	Q	75-125	9		20
Arsenic, Total	2.90	10.3	12.6	94		13.7	104		75-125	8		20
Barium, Total	30.5	172	198	97		209	103		75-125	5		20
Beryllium, Total	0.336J	4.3	4.72	110		5.02	116		75-125	6		20
Cadmium, Total	ND	4.56	4.54	99		4.68	102		75-125	3		20
Calcium, Total	2280	861	2960	79		3140	99		75-125	6		20
Chromium, Total	6.76	17.2	23.2	95		24.1	100		75-125	4		20
Cobalt, Total	3.41	43	44.2	95		46.0	98		75-125	4		20
Copper, Total	7.86	21.5	28.6	96		30.1	102		75-125	5		20
Iron, Total	12000	86.1	11800	0	Q	12900	1040	Q	75-125	9		20
Lead, Total	17.2	45.6	49.9	72	Q	54.2	80		75-125	8		20
Magnesium, Total	1660	861	2630	113		2840	136	Q	75-125	8		20
Manganese, Total	359	43	364	12	Q	485	290	Q	75-125	29	Q	20
Nickel, Total	7.58	43	48.0	94		50.1	98		75-125	4		20
Potassium, Total	379	861	1240	100		1320	108		75-125	6		20
Selenium, Total	ND	10.3	9.73	94		10.0	96		75-125	3		20
Silver, Total	ND	4.3	3.95	92		4.03	93		75-125	2		20
Sodium, Total	76.9J	861	935	109		983	113		75-125	5		20
Thallium, Total	ND	10.3	9.83	95		10.2	98		75-125	4		20
Vanadium, Total	13.3	43	54.5	96		56.9	100		75-125	4		20



Matrix Spike Analysis Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1802988-3 WG1802988-4 QC Sample: L2339907-02 Client ID: MS Sample										
Zinc, Total	47.0	43	72.8	60	Q	84.4	86	75-125	15	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1802991-3 WG1802991-4 QC Sample: L2339907-02 Client ID: MS Sample										
Mercury, Total	ND	1.63	1.63	100		1.61	97	80-120	1	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1804246-3 QC Sample: L2339423-05 Client ID: BCP-PT01-WASTE-07102023										
Arsenic, TCLP	ND	1.2	1.23	102	-	-	75-125	-	-	20
Barium, TCLP	0.744	20	18.5	89	-	-	75-125	-	-	20
Cadmium, TCLP	ND	0.53	0.533	100	-	-	75-125	-	-	20
Chromium, TCLP	ND	2	1.82	91	-	-	75-125	-	-	20
Lead, TCLP	0.312J	5.3	5.48	103	-	-	75-125	-	-	20
Selenium, TCLP	ND	1.2	1.26	105	-	-	75-125	-	-	20
Silver, TCLP	ND	0.5	0.460	92	-	-	75-125	-	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1804248-3 QC Sample: L2339423-05 Client ID: BCP-PT01-WASTE-07102023										
Mercury, TCLP	ND	0.025	0.0232	93	-	-	75-125	-	-	20



Lab Duplicate Analysis

Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1804246-4 QC Sample: L2339423-05 Client ID: BCP-PT01-WASTE-07102023						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.744	0.765	mg/l	3		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	0.312J	0.303J	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1804248-4 QC Sample: L2339423-05 Client ID: BCP-PT01-WASTE-07102023						
Mercury, TCLP	ND	ND	mg/l	NC		20

Project Name: RITC
Project Number: PT-01 SUB-SLAB

**Lab Serial Dilution
 Analysis
 Batch Quality Control**

Lab Number: L2339423
Report Date: 08/14/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1802988-6 QC Sample: L2339907-02 Client ID: DUP Sample						
Aluminum, Total	4380	4520	mg/kg	3		20
Barium, Total	30.5	31.1	mg/kg	2		20
Calcium, Total	2280	2360	mg/kg	4		20
Iron, Total	12000	12200	mg/kg	2		20
Magnesium, Total	1660	1720	mg/kg	4		20
Manganese, Total	359	372	mg/kg	4		20

INORGANICS & MISCELLANEOUS

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-05
Client ID: BCP-PT01-WASTE-07102023
Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:50
Date Received: 07/11/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	07/20/23 22:46	1,1030	TLH



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-01
Client ID: BCP-PT01-01-07102023
Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:30
Date Received: 07/11/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.5		%	0.100	NA	1	-	07/13/23 09:30	121,2540G	ROI
Cyanide, Total	1.3		mg/kg	1.3	0.27	1	07/19/23 09:00	07/19/23 13:15	1,9010C/9012B	JER
Nitrogen, Ammonia	2600		mg/kg	74	27.	10	07/19/23 01:40	07/19/23 15:45	121,4500NH3-BH	KEP



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-02
Client ID: BCP-PT01-02-07102023
Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:35
Date Received: 07/11/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.7		%	0.100	NA	1	-	07/13/23 09:30	121,2540G	ROI
Cyanide, Total	4.4		mg/kg	1.2	0.25	1	07/19/23 09:00	07/19/23 13:16	1,9010C/9012B	JER
Nitrogen, Ammonia	1300		mg/kg	73	27.	10	07/19/23 01:40	07/19/23 15:46	121,4500NH3-BH	KEP



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-03
Client ID: BCP-PT01-03-07102023
Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:40
Date Received: 07/11/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.4		%	0.100	NA	1	-	07/13/23 09:30	121,2540G	ROI
Cyanide, Total	120		mg/kg	6.4	1.3	5	07/19/23 09:00	07/19/23 13:30	1,9010C/9012B	JER
Nitrogen, Ammonia	1600		mg/kg	77	28.	10	07/19/23 01:40	07/19/23 15:47	121,4500NH3-BH	KEP



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-04
Client ID: BCP-PT01-04-07102023
Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:45
Date Received: 07/11/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.0		%	0.100	NA	1	-	07/13/23 09:30	121,2540G	ROI
Cyanide, Total	35		mg/kg	2.4	0.51	2	07/19/23 09:00	07/19/23 13:31	1,9010C/9012B	JER
Nitrogen, Ammonia	1400		mg/kg	74	28.	10	07/19/23 01:40	07/19/23 15:48	121,4500NH3-BH	KEP



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

SAMPLE RESULTS

Lab ID: L2339423-05
Client ID: BCP-PT01-WASTE-07102023
Sample Location: THINK SAFETY

Date Collected: 07/10/23 16:50
Date Received: 07/11/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.6		%	0.100	NA	1	-	07/13/23 09:30	121,2540G	ROI
pH (H)	7.68		SU	-	NA	1	-	07/25/23 07:00	1,9045D	OCF
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/14/23 09:10	07/14/23 11:11	125,7.3	MMJ
Sulfide, Reactive	13		mg/kg	10	10.	1	07/14/23 09:10	07/14/23 10:45	125,7.3	MMJ



Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1803200-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/14/23 09:10	07/14/23 10:41	125,7.3	MMJ
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1803203-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/14/23 09:10	07/14/23 11:09	125,7.3	MMJ
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1804679-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	07/19/23 09:00	07/19/23 13:11	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1804725-1										
Nitrogen, Ammonia	ND		mg/kg	7.5	0.02	1	07/19/23 01:40	07/19/23 15:28	121,4500NH3-BH	KEP



Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1803200-2								
Sulfide, Reactive	76		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1803203-2								
Cyanide, Reactive	94		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1804679-2 WG1804679-3								
Cyanide, Total	85		92		80-120	4		35
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1804725-2								
Nitrogen, Ammonia	92		-		83-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1807200-1								
pH	100		-		99-101	-		

Matrix Spike Analysis Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1804679-4 WG1804679-5 QC Sample: L2340718-47 Client ID: MS Sample												
Cyanide, Total	ND	12	11	92		13	110		75-125	17		35
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1804725-4 QC Sample: L2338280-01 Client ID: MS Sample												
Nitrogen, Ammonia	11000	490	9600	0	Q	-	-		55-144	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1802699-1 QC Sample: L2339771-01 Client ID: DUP Sample						
Solids, Total	87.5	86.7	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1803200-3 QC Sample: L2339998-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1803203-3 QC Sample: L2339998-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1804725-3 QC Sample: L2338280-01 Client ID: DUP Sample						
Nitrogen, Ammonia	11000	9300	mg/kg	17		20
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1807200-2 QC Sample: L2339417-01 Client ID: DUP Sample						
pH	6.59	6.53	SU	1		5

Project Name: RITC**Lab Number:** L2339423**Project Number:** PT-01 SUB-SLAB**Report Date:** 08/14/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2339423-01A	Plastic 60ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2339423-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2339423-01C	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365),NH3-4500(28)
L2339423-01D	Vial Large Septa unpreserved (4oz)	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2339423-01E	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365),NH3-4500(28)
L2339423-01X	Vial MeOH preserved split	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2339423-01Y	Vial Water preserved split	A	NA		3.1	Y	Absent	14-JUL-23 13:15	NYTCL-8260-R2(14)
L2339423-01Z	Vial Water preserved split	A	NA		3.1	Y	Absent	14-JUL-23 13:15	NYTCL-8260-R2(14)
L2339423-02A	Plastic 60ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2339423-02B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2339423-02C	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2339423-02D	Vial Large Septa unpreserved (4oz)	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2339423-02E	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2339423-02X	Vial MeOH preserved split	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)

Project Name: RITC**Lab Number:** L2339423**Project Number:** PT-01 SUB-SLAB**Report Date:** 08/14/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2339423-02Y	Vial Water preserved split	A	NA		3.1	Y	Absent	14-JUL-23 13:15	NYTCL-8260-R2(14)
L2339423-02Z	Vial Water preserved split	A	NA		3.1	Y	Absent	14-JUL-23 13:15	NYTCL-8260-R2(14)
L2339423-03A	Plastic 60ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2339423-03B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2339423-03C	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2339423-03D	Vial Large Septa unpreserved (4oz)	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2339423-03E	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2339423-03X	Vial MeOH preserved split	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2339423-03Y	Vial Water preserved split	A	NA		3.1	Y	Absent	14-JUL-23 13:15	NYTCL-8260-R2(14)
L2339423-03Z	Vial Water preserved split	A	NA		3.1	Y	Absent	14-JUL-23 13:15	NYTCL-8260-R2(14)
L2339423-04A	Plastic 60ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2339423-04B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2339423-04C	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2339423-04D	Vial Large Septa unpreserved (4oz)	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2339423-04E	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2339423-04X	Vial MeOH preserved split	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2339423-04Y	Vial Water preserved split	A	NA		3.1	Y	Absent	14-JUL-23 13:15	NYTCL-8260-R2(14)
L2339423-04Z	Vial Water preserved split	A	NA		3.1	Y	Absent	14-JUL-23 13:15	NYTCL-8260-R2(14)

Project Name: RITC**Lab Number:** L2339423**Project Number:** PT-01 SUB-SLAB**Report Date:** 08/14/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2339423-05A	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		IGNIT-1030(14),REACTS(14),TS(7),PH-9045(1),REACTCN(14)
L2339423-05B	Vial Large Septa unpreserved (4oz)	A	NA		3.1	Y	Absent		TCLP-EXT-ZHE(14)
L2339423-05C	Glass 500ml/16oz unpreserved	A	NA		3.1	Y	Absent		IGNIT-1030(14),REACTS(14),TS(7),PH-9045(1),REACTCN(14)
L2339423-05W	Amber 1L unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L2339423-05X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.1	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2339423-05X9	Tumble Vessel	A	NA		3.1	Y	Absent		-
L2339423-05Y	Vial unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-VOA(14)
L2339423-05Z	Vial unpreserved Extracts	A	NA		3.1	Y	Absent		TCLP-VOA(14)

Project Name: RITC
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Report Date: 08/14/25

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers



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Report Date: 08/14/25

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

Project Name: RITC
Project Number: PT-01 SUB-SLAB

Lab Number: L2339423
Report Date: 08/14/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

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

MADEP-APH.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

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

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1: Hg. **EPA 245.7:** Hg.

SM2340B

Pace Analytical Services LLC

ID No.:17873

Facility: **Northeast**

Revision 28

Department: **Quality Assurance**

Published Date: 07/25/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	1	Date Rec'd in Lab	7/12/23	ALPHA Job #	L2339423																																																																																																											
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Client: INVENIUM ENG Address: 441 COLLISE DRIVE HERNDON VA Phone: 711-553-5729 Fax: Email: Peter.Zeffram@inveniumeng.com		Project Manager: JOHN BLACK		Turn-Around Time		Please specify Metals or TAL.																																																																																																												
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These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: <div style="font-size: 2em; font-family: cursive;">Please Run TAL METALS</div>		Turn-Around Time		<table border="1" style="width:100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th>TCL 8260</th> <th>TCL 8270</th> <th>TOTAL CN</th> <th>8082A / TS</th> <th>6010C / TOTAL Hg</th> <th>FULL TCLP</th> <th>AMMONIA</th> <th>HAZ CAT.</th> <th rowspan="2">Sample Specific Comments</th> <th rowspan="2" style="writing-mode: vertical-rl; text-orientation: mixed;">Total Bottle</th> </tr> <tr> <th>Date</th> <th>Time</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>39423-01</td> <td>BCP-PT01-01-07102023</td> <td>7/10/23</td> <td>16:30</td> <td>Soil</td> <td>P. Z</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>02</td> <td>BCP-PT01-02-07102023</td> <td>7/10/23</td> <td>16:35</td> <td>Soil</td> <td>I</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>03</td> <td>BCP-PT01-03-07102023</td> <td>7/10/23</td> <td>16:40</td> <td>Soil</td> <td>I</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>04</td> <td>BCP-PT01-04-07102023</td> <td>7/10/23</td> <td>16:45</td> <td>Soil</td> <td>I</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>05</td> <td>BCP-PT01-WASTE-07102023</td> <td>7/10/23</td> <td>16:50</td> <td>Soil</td> <td>I</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td>X</td> <td></td> <td></td> </tr> </tbody> </table>				ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	TCL 8260	TCL 8270	TOTAL CN	8082A / TS	6010C / TOTAL Hg	FULL TCLP	AMMONIA	HAZ CAT.	Sample Specific Comments	Total Bottle	Date	Time								39423-01	BCP-PT01-01-07102023	7/10/23	16:30	Soil	P. Z	X	X	X	X	X		X				02	BCP-PT01-02-07102023	7/10/23	16:35	Soil	I	X	X	X	X	X		X				03	BCP-PT01-03-07102023	7/10/23	16:40	Soil	I	X	X	X	X	X		X				04	BCP-PT01-04-07102023	7/10/23	16:45	Soil	I	X	X	X	X	X		X				05	BCP-PT01-WASTE-07102023	7/10/23	16:50	Soil	I						X		X			Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	TCL 8260	TCL 8270			TOTAL CN	8082A / TS			6010C / TOTAL Hg	FULL TCLP	AMMONIA	HAZ CAT.	Sample Specific Comments	Total Bottle																																																																																															
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04	BCP-PT01-04-07102023	7/10/23	16:45	Soil	I	X	X	X	X	X		X																																																																																																						
05	BCP-PT01-WASTE-07102023	7/10/23	16:50	Soil	I						X		X																																																																																																					
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		Relinquished By: Date/Time Received By: Date/Time																																																																																																										
						A A A A A A A A A A A A		7/11/23 14:56 7/11/23 14:56																																																																																																										
						7/11/23 14:56 7/12/23 01:30																																																																																																												



Sample Delivery Group Summary

Alpha Job Number : L2339423

Received : 11-JUL-2023
Reviewer : Melissa Wood

Account Name : Inventum Engineering
Project Number : PT-01 SUB-SLAB
Project Name : RITC

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.1	

Condition Information

- 1) All samples on COC received? **YES**
- 2) Extra samples received? **NO**
- 3) Are there any sample container discrepancies? **YES**
L2339423-01D (NYTCL-8260-R2) was received in inappropriate container.
L2339423-02D (NYTCL-8260-R2) was received in inappropriate container.
L2339423-03D (NYTCL-8260-R2) was received in inappropriate container.
L2339423-04D (NYTCL-8260-R2) was received in inappropriate container.
- 4) Are there any discrepancies between COC & sample labels? **NO**
- 5) Are samples in appropriate containers for requested analysis?
Please refer to information noted in Question 3 above. **NO**
- 6) Are samples properly preserved for requested analysis? **YES**
- 7) Are samples within holding time for requested analysis? **YES**
- 8) All sampling equipment returned? **NA**

Volatile Organics/VPH

- 1) Reagent Water Vials Frozen by Client? **NO**



ANALYTICAL REPORT

Lab Number:	L2346127
Client:	Inventum Engineering 441 Carlisle Drive Suite C Herndon, NY 20170
ATTN:	John Black
Phone:	(571) 752-6562
Project Name:	RITC
Project Number:	CONCRETE SAMPLING
Report Date:	08/29/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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

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



Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2346127-01	WAL CONCRETE-08082023	CONCRETE	3875 RIVER ROAD	08/08/23 15:30	08/09/23
L2346127-02	LOCKERROOM-CONCRETE- 08082023	CONCRETE	3875 RIVER ROAD	08/08/23 15:30	08/09/23

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Case Narrative

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

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

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

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

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

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

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Case Narrative (continued)

Report Submission

August 29, 2023: This final report includes the results of all requested analyses.

August 23, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Semivolatile Organics

L2346127-02D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2346127-02D: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (21%) and 2,4,6-tribromophenol (13%) due to the concrete matrix effect of the sample. No further action was taken.

The WG1814936-2/-3 LCS/LCSD recoveries, associated with L2346127-01D and -02D, are below the acceptance criteria for benzoic acid (8%/3%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Pesticides

L2346127-01: The internal standard (IS) response for 1-bromo-2-nitrobenzene (338%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (23%) and decachlorobiphenyl (24%) due to interference with the Internal Standard.

L2346127-01: The surrogate recoveries are outside the acceptance criteria for decachlorobiphenyl (297%); however, the sample was not re-extracted due to coelution with obvious interferences.

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Case Narrative (continued)

Total Metals

L2346127-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1816238-2 LCS recovery for cyanide, total (77%), associated with L2346127-02, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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

Authorized Signature:

 Cristin Walker

Title: Technical Director/Representative

Date: 08/29/23

ORGANICS

VOLATILES

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-01
 Client ID: WAL CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Concrete
 Analytical Method: 1,8260D
 Analytical Date: 08/21/23 12:10
 Analyst: MKS
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	340	150	1
1,1-Dichloroethane	ND		ug/kg	67	9.8	1
Chloroform	ND		ug/kg	100	9.4	1
Carbon tetrachloride	ND		ug/kg	67	15.	1
1,2-Dichloropropane	ND		ug/kg	67	8.4	1
Dibromochloromethane	ND		ug/kg	67	9.4	1
1,1,2-Trichloroethane	ND		ug/kg	67	18.	1
Tetrachloroethene	ND		ug/kg	34	13.	1
Chlorobenzene	ND		ug/kg	34	8.5	1
Trichlorofluoromethane	ND		ug/kg	270	47.	1
1,2-Dichloroethane	ND		ug/kg	67	17.	1
1,1,1-Trichloroethane	ND		ug/kg	34	11.	1
Bromodichloromethane	ND		ug/kg	34	7.3	1
trans-1,3-Dichloropropene	ND		ug/kg	67	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	34	11.	1
1,3-Dichloropropene, Total	ND		ug/kg	34	11.	1
Bromoform	ND		ug/kg	270	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	34	11.	1
Benzene	500		ug/kg	34	11.	1
Toluene	270		ug/kg	67	36.	1
Ethylbenzene	44	J	ug/kg	67	9.5	1
Chloromethane	ND		ug/kg	270	63.	1
Bromomethane	ND		ug/kg	130	39.	1
Vinyl chloride	ND		ug/kg	67	22.	1
Chloroethane	ND		ug/kg	130	30.	1
1,1-Dichloroethene	ND		ug/kg	67	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	9.2	1
Trichloroethene	ND		ug/kg	34	9.2	1

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-01
 Client ID: WAL CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	130	9.7	1
1,3-Dichlorobenzene	ND		ug/kg	130	10.	1
1,4-Dichlorobenzene	ND		ug/kg	130	12.	1
Methyl tert butyl ether	ND		ug/kg	130	14.	1
p/m-Xylene	250		ug/kg	130	38.	1
o-Xylene	75		ug/kg	67	20.	1
Xylenes, Total	330		ug/kg	67	20.	1
cis-1,2-Dichloroethene	ND		ug/kg	67	12.	1
1,2-Dichloroethene, Total	ND		ug/kg	67	9.2	1
Styrene	35	J	ug/kg	67	13.	1
Dichlorodifluoromethane	ND		ug/kg	670	62.	1
Acetone	ND		ug/kg	670	320	1
Carbon disulfide	ND		ug/kg	670	310	1
2-Butanone	ND		ug/kg	670	150	1
4-Methyl-2-pentanone	ND		ug/kg	670	86.	1
2-Hexanone	ND		ug/kg	670	79.	1
Bromochloromethane	ND		ug/kg	130	14.	1
1,2-Dibromoethane	ND		ug/kg	67	19.	1
n-Butylbenzene	ND		ug/kg	67	11.	1
sec-Butylbenzene	ND		ug/kg	67	9.8	1
tert-Butylbenzene	ND		ug/kg	130	7.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	67.	1
Isopropylbenzene	ND		ug/kg	67	7.3	1
p-Isopropyltoluene	29	J	ug/kg	67	7.3	1
Naphthalene	12000		ug/kg	270	44.	1
n-Propylbenzene	ND		ug/kg	67	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	18.	1
1,3,5-Trimethylbenzene	64	J	ug/kg	130	13.	1
1,2,4-Trimethylbenzene	110	J	ug/kg	130	22.	1
Methyl Acetate	1600		ug/kg	270	64.	1
Cyclohexane	65	J	ug/kg	670	36.	1
1,4-Dioxane	ND		ug/kg	5400	2400	1
Freon-113	ND		ug/kg	270	47.	1
Methyl cyclohexane	200	J	ug/kg	270	40.	1

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-01
 Client ID: WAL CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02
 Client ID: LOCKERROOM-CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Concrete
 Analytical Method: 1,8260D
 Analytical Date: 08/21/23 11:45
 Analyst: MKS
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	310	140	1
1,1-Dichloroethane	ND		ug/kg	61	8.9	1
Chloroform	ND		ug/kg	92	8.6	1
Carbon tetrachloride	ND		ug/kg	61	14.	1
1,2-Dichloropropane	ND		ug/kg	61	7.7	1
Dibromochloromethane	ND		ug/kg	61	8.6	1
1,1,2-Trichloroethane	ND		ug/kg	61	16.	1
Tetrachloroethene	ND		ug/kg	31	12.	1
Chlorobenzene	ND		ug/kg	31	7.8	1
Trichlorofluoromethane	ND		ug/kg	240	43.	1
1,2-Dichloroethane	ND		ug/kg	61	16.	1
1,1,1-Trichloroethane	ND		ug/kg	31	10.	1
Bromodichloromethane	ND		ug/kg	31	6.7	1
trans-1,3-Dichloropropene	ND		ug/kg	61	17.	1
cis-1,3-Dichloropropene	ND		ug/kg	31	9.7	1
1,3-Dichloropropene, Total	ND		ug/kg	31	9.7	1
Bromoform	ND		ug/kg	240	15.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	31	10.	1
Benzene	52		ug/kg	31	10.	1
Toluene	ND		ug/kg	61	33.	1
Ethylbenzene	ND		ug/kg	61	8.6	1
Chloromethane	ND		ug/kg	240	57.	1
Bromomethane	ND		ug/kg	120	36.	1
Vinyl chloride	ND		ug/kg	61	20.	1
Chloroethane	ND		ug/kg	120	28.	1
1,1-Dichloroethene	ND		ug/kg	61	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	92	8.4	1
Trichloroethene	ND		ug/kg	31	8.4	1

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02
 Client ID: LOCKERROOM-CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	120	8.8	1
1,3-Dichlorobenzene	ND		ug/kg	120	9.1	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	34	J	ug/kg	120	34.	1
o-Xylene	ND		ug/kg	61	18.	1
Xylenes, Total	34	J	ug/kg	61	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	61	11.	1
1,2-Dichloroethene, Total	ND		ug/kg	61	8.4	1
Styrene	ND		ug/kg	61	12.	1
Dichlorodifluoromethane	ND		ug/kg	610	56.	1
Acetone	ND		ug/kg	610	300	1
Carbon disulfide	ND		ug/kg	610	280	1
2-Butanone	ND		ug/kg	610	140	1
4-Methyl-2-pentanone	ND		ug/kg	610	78.	1
2-Hexanone	ND		ug/kg	610	72.	1
Bromochloromethane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	61	17.	1
n-Butylbenzene	ND		ug/kg	61	10.	1
sec-Butylbenzene	ND		ug/kg	61	9.0	1
tert-Butylbenzene	ND		ug/kg	120	7.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	61.	1
Isopropylbenzene	ND		ug/kg	61	6.7	1
p-Isopropyltoluene	ND		ug/kg	61	6.7	1
Naphthalene	49000	E	ug/kg	240	40.	1
n-Propylbenzene	ND		ug/kg	61	10.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	17.	1
1,3,5-Trimethylbenzene	ND		ug/kg	120	12.	1
1,2,4-Trimethylbenzene	23	J	ug/kg	120	20.	1
Methyl Acetate	ND		ug/kg	240	58.	1
Cyclohexane	ND		ug/kg	610	33.	1
1,4-Dioxane	ND		ug/kg	4900	2200	1
Freon-113	ND		ug/kg	240	42.	1
Methyl cyclohexane	54	J	ug/kg	240	37.	1

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02
 Client ID: LOCKERROOM-CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02 D
 Client ID: LOCKERROOM-CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Concrete
 Analytical Method: 1,8260D
 Analytical Date: 08/22/23 19:23
 Analyst: LAC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	55000		ug/kg	2400	400	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/21/23 09:35
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1818275-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	33	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/21/23 09:35
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1818275-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 08/21/23 09:35
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1818275-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/22/23 11:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1819200-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	8.6	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/22/23 11:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1819200-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/22/23 11:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1819200-5					
1,4-Dioxane	ND		ug/kg	4000	1800

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1818275-3 WG1818275-4								
Methylene chloride	93		95		70-130	2		30
1,1-Dichloroethane	110		111		70-130	1		30
Chloroform	108		109		70-130	1		30
Carbon tetrachloride	107		106		70-130	1		30
1,2-Dichloropropane	107		107		70-130	0		30
Dibromochloromethane	99		102		70-130	3		30
1,1,2-Trichloroethane	101		102		70-130	1		30
Tetrachloroethene	106		106		70-130	0		30
Chlorobenzene	103		104		70-130	1		30
Trichlorofluoromethane	110		124		70-139	12		30
1,2-Dichloroethane	107		109		70-130	2		30
1,1,1-Trichloroethane	113		113		70-130	0		30
Bromodichloromethane	106		106		70-130	0		30
trans-1,3-Dichloropropene	104		107		70-130	3		30
cis-1,3-Dichloropropene	107		107		70-130	0		30
Bromoform	97		92		70-130	5		30
1,1,2,2-Tetrachloroethane	126		107		70-130	16		30
Benzene	104		105		70-130	1		30
Toluene	102		102		70-130	0		30
Ethylbenzene	102		102		70-130	0		30
Chloromethane	113		115		52-130	2		30
Bromomethane	143		146		57-147	2		30
Vinyl chloride	113		113		67-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1818275-3 WG1818275-4								
Chloroethane	105		128		50-151	20		30
1,1-Dichloroethene	105		105		65-135	0		30
trans-1,2-Dichloroethene	105		105		70-130	0		30
Trichloroethene	106		108		70-130	2		30
1,2-Dichlorobenzene	100		100		70-130	0		30
1,3-Dichlorobenzene	117		102		70-130	14		30
1,4-Dichlorobenzene	100		100		70-130	0		30
Methyl tert butyl ether	99		99		66-130	0		30
p/m-Xylene	102		103		70-130	1		30
o-Xylene	102		102		70-130	0		30
cis-1,2-Dichloroethene	105		104		70-130	1		30
Styrene	98		98		70-130	0		30
Dichlorodifluoromethane	103		105		30-146	2		30
Acetone	99		98		54-140	1		30
Carbon disulfide	97		98		59-130	1		30
2-Butanone	95		98		70-130	3		30
4-Methyl-2-pentanone	95		99		70-130	4		30
2-Hexanone	87		91		70-130	4		30
Bromochloromethane	102		104		70-130	2		30
1,2-Dibromoethane	104		106		70-130	2		30
n-Butylbenzene	113		112		70-130	1		30
sec-Butylbenzene	125		108		70-130	15		30
tert-Butylbenzene	120		103		70-130	15		30

Lab Control Sample Analysis Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1818275-3 WG1818275-4								
1,2-Dibromo-3-chloropropane	86		89		68-130	3		30
Isopropylbenzene	124		104		70-130	18		30
p-Isopropyltoluene	122		106		70-130	14		30
Naphthalene	95		96		70-130	1		30
n-Propylbenzene	130		108		70-130	18		30
1,2,3-Trichlorobenzene	98		97		70-130	1		30
1,2,4-Trichlorobenzene	98		96		70-130	2		30
1,3,5-Trimethylbenzene	123		105		70-130	16		30
1,2,4-Trimethylbenzene	122		104		70-130	16		30
Methyl Acetate	100		103		51-146	3		30
Cyclohexane	110		111		59-142	1		30
1,4-Dioxane	98		104		65-136	6		30
Freon-113	110		110		50-139	0		30
Methyl cyclohexane	98		98		70-130	0		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	111		113		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	116		97		70-130
Dibromofluoromethane	102		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	LCS		LCSD		%Recovery		RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual	Limits	RPD			
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1819200-3 WG1819200-4									
Methylene chloride	90		87		70-130	3			30
1,1-Dichloroethane	98		98		70-130	0			30
Chloroform	90		89		70-130	1			30
Carbon tetrachloride	86		88		70-130	2			30
1,2-Dichloropropane	98		98		70-130	0			30
Dibromochloromethane	94		96		70-130	2			30
1,1,2-Trichloroethane	93		94		70-130	1			30
Tetrachloroethene	88		90		70-130	2			30
Chlorobenzene	85		86		70-130	1			30
Trichlorofluoromethane	86		71		70-139	19			30
1,2-Dichloroethane	98		98		70-130	0			30
1,1,1-Trichloroethane	92		93		70-130	1			30
Bromodichloromethane	90		91		70-130	1			30
trans-1,3-Dichloropropene	84		85		70-130	1			30
cis-1,3-Dichloropropene	92		93		70-130	1			30
Bromoform	94		96		70-130	2			30
1,1,2,2-Tetrachloroethane	101		100		70-130	1			30
Benzene	91		91		70-130	0			30
Toluene	82		83		70-130	1			30
Ethylbenzene	83		84		70-130	1			30
Chloromethane	109		78		52-130	33	Q		30
Bromomethane	89		76		57-147	16			30
Vinyl chloride	90		90		67-130	0			30

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1819200-3 WG1819200-4								
Chloroethane	100		83		50-151	19		30
1,1-Dichloroethene	96		96		65-135	0		30
trans-1,2-Dichloroethene	94		94		70-130	0		30
Trichloroethene	93		95		70-130	2		30
1,2-Dichlorobenzene	87		89		70-130	2		30
1,3-Dichlorobenzene	85		87		70-130	2		30
1,4-Dichlorobenzene	85		87		70-130	2		30
Methyl tert butyl ether	111		110		66-130	1		30
p/m-Xylene	84		85		70-130	1		30
o-Xylene	84		85		70-130	1		30
cis-1,2-Dichloroethene	92		93		70-130	1		30
Styrene	83		83		70-130	0		30
Dichlorodifluoromethane	77		74		30-146	4		30
Acetone	162	Q	144	Q	54-140	12		30
Carbon disulfide	83		83		59-130	0		30
2-Butanone	154	Q	155	Q	70-130	1		30
4-Methyl-2-pentanone	130		132	Q	70-130	2		30
2-Hexanone	142	Q	144	Q	70-130	1		30
Bromochloromethane	104		104		70-130	0		30
1,2-Dibromoethane	100		100		70-130	0		30
n-Butylbenzene	78		80		70-130	3		30
sec-Butylbenzene	85		86		70-130	1		30
tert-Butylbenzene	86		87		70-130	1		30

Lab Control Sample Analysis Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1819200-3 WG1819200-4								
1,2-Dibromo-3-chloropropane	109		113		68-130	4		30
Isopropylbenzene	83		84		70-130	1		30
p-Isopropyltoluene	85		87		70-130	2		30
Naphthalene	111		112		70-130	1		30
n-Propylbenzene	83		84		70-130	1		30
1,2,3-Trichlorobenzene	88		90		70-130	2		30
1,2,4-Trichlorobenzene	92		95		70-130	3		30
1,3,5-Trimethylbenzene	83		84		70-130	1		30
1,2,4-Trimethylbenzene	83		85		70-130	2		30
1,4-Dioxane	129		127		65-136	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		108		70-130
Toluene-d8	94		94		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	105		104		70-130

SEMIVOLATILES

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-01 D
 Client ID: WAL CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Concrete
 Analytical Method: 1,8270E
 Analytical Date: 08/17/23 16:57
 Analyst: IM
 Percent Solids: 88%

Extraction Method: EPA 3540C
 Extraction Date: 08/11/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1800		ug/kg	1500	140	10
1,2,4-Trichlorobenzene	ND		ug/kg	1800	180	10
Hexachlorobenzene	ND		ug/kg	1100	180	10
Bis(2-chloroethyl)ether	ND		ug/kg	1800	230	10
2-Chloronaphthalene	ND		ug/kg	1800	110	10
1,2-Dichlorobenzene	ND		ug/kg	1800	240	10
1,3-Dichlorobenzene	ND		ug/kg	1800	290	10
1,4-Dichlorobenzene	ND		ug/kg	1800	260	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	470	10
2,4-Dinitrotoluene	ND		ug/kg	1800	180	10
2,6-Dinitrotoluene	ND		ug/kg	1800	400	10
Fluoranthene	49000		ug/kg	1100	110	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	170	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	200	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2200	270	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1800	220	10
Hexachlorobutadiene	ND		ug/kg	1800	280	10
Hexachlorocyclopentadiene	ND		ug/kg	5200	180	10
Hexachloroethane	ND		ug/kg	1500	250	10
Isophorone	ND		ug/kg	1800	230	10
Naphthalene	10000		ug/kg	1800	180	10
Nitrobenzene	ND		ug/kg	1800	170	10
NDPA/DPA	ND		ug/kg	1500	270	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	330	10
Bis(2-ethylhexyl)phthalate	640	J	ug/kg	1800	380	10
Butyl benzyl phthalate	ND		ug/kg	1800	400	10
Di-n-butylphthalate	ND		ug/kg	1800	410	10
Di-n-octylphthalate	ND		ug/kg	1800	320	10

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-01 D
 Client ID: WAL CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1800	150	10
Dimethyl phthalate	210	J	ug/kg	1800	100	10
Benzo(a)anthracene	22000		ug/kg	1100	250	10
Benzo(a)pyrene	20000		ug/kg	1500	200	10
Benzo(b)fluoranthene	25000		ug/kg	1100	140	10
Benzo(k)fluoranthene	7900		ug/kg	1100	150	10
Chrysene	26000		ug/kg	1100	280	10
Acenaphthylene	4800		ug/kg	1500	180	10
Anthracene	14000		ug/kg	1100	250	10
Benzo(ghi)perylene	11000		ug/kg	1500	130	10
Fluorene	8400		ug/kg	1800	130	10
Phenanthrene	40000		ug/kg	1100	330	10
Dibenzo(a,h)anthracene	3300		ug/kg	1100	150	10
Indeno(1,2,3-cd)pyrene	14000		ug/kg	1500	160	10
Pyrene	35000		ug/kg	1100	290	10
Biphenyl	820	J	ug/kg	4100	140	10
4-Chloroaniline	ND		ug/kg	1800	470	10
2-Nitroaniline	ND		ug/kg	1800	260	10
3-Nitroaniline	ND		ug/kg	1800	230	10
4-Nitroaniline	ND		ug/kg	1800	330	10
Dibenzofuran	4500		ug/kg	1800	130	10
2-Methylnaphthalene	3200		ug/kg	2200	210	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	120	10
Acetophenone	ND		ug/kg	1800	380	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	320	10
p-Chloro-m-cresol	ND		ug/kg	1800	370	10
2-Chlorophenol	ND		ug/kg	1800	320	10
2,4-Dichlorophenol	ND		ug/kg	1800	260	10
2,4-Dimethylphenol	ND		ug/kg	1800	120	10
2-Nitrophenol	ND		ug/kg	4100	260	10
4-Nitrophenol	ND		ug/kg	2600	460	10
2,4-Dinitrophenol	ND		ug/kg	8900	330	10
4,6-Dinitro-o-cresol	ND		ug/kg	4800	220	10
Pentachlorophenol	ND		ug/kg	1500	300	10
Phenol	1400	J	ug/kg	1800	210	10
2-Methylphenol	ND		ug/kg	1800	540	10
3-Methylphenol/4-Methylphenol	930	J	ug/kg	2600	400	10

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-01 D
 Client ID: WAL CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1800	240	10
Benzoic Acid	ND		ug/kg	5900	470	10
Benzyl Alcohol	ND		ug/kg	1800	380	10
Carbazole	5400		ug/kg	1800	120	10

Tentatively Identified Compounds

Total TIC Compounds	77100	J	ug/kg			10
Unknown Thiophene	3860	J	ug/kg			10
Unknown PAH	3720	J	ug/kg			10
Unknown PAH	3810	J	ug/kg			10
Unknown PAH	4690	J	ug/kg			10
Unknown PAH	13700	J	ug/kg			10
Unknown PAH	6120	J	ug/kg			10
Unknown PAH	3520	J	ug/kg			10
Unknown PAH	4280	J	ug/kg			10
Unknown PAH	4040	J	ug/kg			10
Unknown PAH	4500	J	ug/kg			10
Unknown	3230	J	ug/kg			10
Unknown	3570	J	ug/kg			10
Unknown PAH	4910	J	ug/kg			10
Unknown PAH	8380	J	ug/kg			10
Unknown	4720	J	ug/kg			10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		31-118
Phenol-d6	86		37-126
Nitrobenzene-d5	98		29-137
2-Fluorobiphenyl	85		38-127
2,4,6-Tribromophenol	83		40-130
4-Terphenyl-d14	91		36-137

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02 D
 Client ID: LOCKERROOM-CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Concrete
 Analytical Method: 1,8270E
 Analytical Date: 08/17/23 17:20
 Analyst: IM
 Percent Solids: 86%

Extraction Method: EPA 3540C
 Extraction Date: 08/11/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1500	150	10
1,2,4-Trichlorobenzene	ND		ug/kg	1900	190	10
Hexachlorobenzene	ND		ug/kg	1200	190	10
Bis(2-chloroethyl)ether	ND		ug/kg	1900	240	10
2-Chloronaphthalene	ND		ug/kg	1900	120	10
1,2-Dichlorobenzene	ND		ug/kg	1900	250	10
1,3-Dichlorobenzene	ND		ug/kg	1900	310	10
1,4-Dichlorobenzene	ND		ug/kg	1900	270	10
3,3'-Dichlorobenzidine	ND		ug/kg	1900	490	10
2,4-Dinitrotoluene	ND		ug/kg	1900	190	10
2,6-Dinitrotoluene	ND		ug/kg	1900	420	10
Fluoranthene	1200		ug/kg	1200	110	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1900	180	10
4-Bromophenyl phenyl ether	ND		ug/kg	1900	210	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	280	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1900	240	10
Hexachlorobutadiene	ND		ug/kg	1900	290	10
Hexachlorocyclopentadiene	ND		ug/kg	5400	190	10
Hexachloroethane	ND		ug/kg	1500	260	10
Isophorone	ND		ug/kg	1900	240	10
Naphthalene	26000		ug/kg	1900	190	10
Nitrobenzene	ND		ug/kg	1900	180	10
NDPA/DPA	ND		ug/kg	1500	280	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1900	340	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1900	400	10
Butyl benzyl phthalate	ND		ug/kg	1900	420	10
Di-n-butylphthalate	ND		ug/kg	1900	430	10
Di-n-octylphthalate	ND		ug/kg	1900	330	10

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02 D
 Client ID: LOCKERROOM-CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1900	160	10
Dimethyl phthalate	ND		ug/kg	1900	110	10
Benzo(a)anthracene	590	J	ug/kg	1200	260	10
Benzo(a)pyrene	500	J	ug/kg	1500	200	10
Benzo(b)fluoranthene	680	J	ug/kg	1200	150	10
Benzo(k)fluoranthene	220	J	ug/kg	1200	160	10
Chrysene	550	J	ug/kg	1200	290	10
Acenaphthylene	230	J	ug/kg	1500	190	10
Anthracene	260	J	ug/kg	1200	260	10
Benzo(ghi)perylene	310	J	ug/kg	1500	140	10
Fluorene	240	J	ug/kg	1900	130	10
Phenanthrene	1100	J	ug/kg	1200	350	10
Dibenzo(a,h)anthracene	ND		ug/kg	1200	150	10
Indeno(1,2,3-cd)pyrene	370	J	ug/kg	1500	160	10
Pyrene	860	J	ug/kg	1200	310	10
Biphenyl	ND		ug/kg	4200	140	10
4-Chloroaniline	ND		ug/kg	1900	490	10
2-Nitroaniline	ND		ug/kg	1900	270	10
3-Nitroaniline	ND		ug/kg	1900	240	10
4-Nitroaniline	ND		ug/kg	1900	340	10
Dibenzofuran	230	J	ug/kg	1900	130	10
2-Methylnaphthalene	520	J	ug/kg	2300	220	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1900	130	10
Acetophenone	ND		ug/kg	1900	400	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	340	10
p-Chloro-m-cresol	ND		ug/kg	1900	390	10
2-Chlorophenol	ND		ug/kg	1900	330	10
2,4-Dichlorophenol	ND		ug/kg	1900	270	10
2,4-Dimethylphenol	ND		ug/kg	1900	120	10
2-Nitrophenol	ND		ug/kg	4200	280	10
4-Nitrophenol	ND		ug/kg	2700	480	10
2,4-Dinitrophenol	ND		ug/kg	9300	350	10
4,6-Dinitro-o-cresol	ND		ug/kg	5000	230	10
Pentachlorophenol	ND		ug/kg	1500	320	10
Phenol	ND		ug/kg	1900	220	10
2-Methylphenol	ND		ug/kg	1900	560	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2700	420	10

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02 D
 Client ID: LOCKERROOM-CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1900	250	10
Benzoic Acid	ND		ug/kg	6200	490	10
Benzyl Alcohol	ND		ug/kg	1900	400	10
Carbazole	230	J	ug/kg	1900	130	10

Tentatively Identified Compounds

Total TIC Compounds	29900	J	ug/kg			10
Unknown	11600	J	ug/kg			10
Unknown	2480	J	ug/kg			10
Unknown	6430	J	ug/kg			10
Unknown	5470	J	ug/kg			10
Unknown	2090	J	ug/kg			10
Unknown	1820	J	ug/kg			10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	21	Q	31-118
Phenol-d6	76		37-126
Nitrobenzene-d5	100		29-137
2-Fluorobiphenyl	85		38-127
2,4,6-Tribromophenol	13	Q	40-130
4-Terphenyl-d14	80		36-137

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/15/23 03:02
Analyst: MG

Extraction Method: EPA 3540C
Extraction Date: 08/11/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1814936-1					
Acenaphthene	ND		ug/kg	130	13.
1,2,4-Trichlorobenzene	ND		ug/kg	170	16.
Hexachlorobenzene	ND		ug/kg	100	16.
Bis(2-chloroethyl)ether	ND		ug/kg	170	20.
2-Chloronaphthalene	ND		ug/kg	170	10.
1,2-Dichlorobenzene	ND		ug/kg	170	22.
1,3-Dichlorobenzene	ND		ug/kg	170	26.
1,4-Dichlorobenzene	ND		ug/kg	170	23.
3,3'-Dichlorobenzidine	ND		ug/kg	170	42.
2,4-Dinitrotoluene	ND		ug/kg	170	16.
2,6-Dinitrotoluene	ND		ug/kg	170	36.
Fluoranthene	ND		ug/kg	100	9.7
4-Chlorophenyl phenyl ether	ND		ug/kg	170	15.
4-Bromophenyl phenyl ether	ND		ug/kg	170	18.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	24.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	20.
Hexachlorobutadiene	ND		ug/kg	170	25.
Hexachlorocyclopentadiene	ND		ug/kg	470	16.
Hexachloroethane	ND		ug/kg	130	22.
Isophorone	ND		ug/kg	170	20.
Naphthalene	ND		ug/kg	170	16.
Nitrobenzene	ND		ug/kg	170	15.
NDPA/DPA	ND		ug/kg	130	24.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	30.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	34.
Butyl benzyl phthalate	ND		ug/kg	170	36.
Di-n-butylphthalate	ND		ug/kg	170	37.
Di-n-octylphthalate	ND		ug/kg	170	28.
Diethyl phthalate	ND		ug/kg	170	13.

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/15/23 03:02
Analyst: MG

Extraction Method: EPA 3540C
Extraction Date: 08/11/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1814936-1					
Dimethyl phthalate	ND		ug/kg	170	9.5
Benzo(a)anthracene	ND		ug/kg	100	22.
Benzo(a)pyrene	ND		ug/kg	130	18.
Benzo(b)fluoranthene	ND		ug/kg	100	13.
Benzo(k)fluoranthene	ND		ug/kg	100	14.
Chrysene	ND		ug/kg	100	25.
Acenaphthylene	ND		ug/kg	130	16.
Anthracene	ND		ug/kg	100	22.
Benzo(ghi)perylene	ND		ug/kg	130	12.
Fluorene	ND		ug/kg	170	11.
Phenanthrene	ND		ug/kg	100	30.
Dibenzo(a,h)anthracene	ND		ug/kg	100	13.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	14.
Pyrene	ND		ug/kg	100	26.
Biphenyl	ND		ug/kg	370	12.
4-Chloroaniline	ND		ug/kg	170	42.
2-Nitroaniline	ND		ug/kg	170	23.
3-Nitroaniline	ND		ug/kg	170	21.
4-Nitroaniline	ND		ug/kg	170	29.
Dibenzofuran	ND		ug/kg	170	12.
2-Methylnaphthalene	ND		ug/kg	200	19.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	11.
Acetophenone	ND		ug/kg	170	34.
2,4,6-Trichlorophenol	ND		ug/kg	100	29.
p-Chloro-m-cresol	ND		ug/kg	170	33.
2-Chlorophenol	ND		ug/kg	170	28.
2,4-Dichlorophenol	ND		ug/kg	170	23.
2,4-Dimethylphenol	ND		ug/kg	170	10.
2-Nitrophenol	ND		ug/kg	370	24.

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 08/15/23 03:02
Analyst: MG

Extraction Method: EPA 3540C
Extraction Date: 08/11/23 16:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1814936-1					
4-Nitrophenol	ND		ug/kg	230	41.
2,4-Dinitrophenol	ND		ug/kg	800	30.
4,6-Dinitro-o-cresol	ND		ug/kg	430	20.
Pentachlorophenol	ND		ug/kg	130	27.
Phenol	ND		ug/kg	170	19.
2-Methylphenol	ND		ug/kg	170	48.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	36.
2,4,5-Trichlorophenol	ND		ug/kg	170	22.
Benzoic Acid	ND		ug/kg	530	42.
Benzyl Alcohol	ND		ug/kg	170	35.
Carbazole	ND		ug/kg	170	11.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		31-118
Phenol-d6	47		37-126
Nitrobenzene-d5	42		29-137
2-Fluorobiphenyl	53		38-127
2,4,6-Tribromophenol	69		40-130
4-Terphenyl-d14	80		36-137

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1814936-2 WG1814936-3								
Acenaphthene	79		64		42-111	21		50
1,2,4-Trichlorobenzene	77		62		42-103	22		50
Hexachlorobenzene	94		76		40-140	21		50
Bis(2-chloroethyl)ether	70		55		34-98	24		50
2-Chloronaphthalene	79		65		40-140	19		50
1,2-Dichlorobenzene	74		58		36-95	24		50
1,3-Dichlorobenzene	72		57		34-94	23		50
1,4-Dichlorobenzene	74		58		34-93	24		50
3,3'-Dichlorobenzidine	72		66		28-106	9		50
2,4-Dinitrotoluene	92		75		42-129	20		50
2,6-Dinitrotoluene	87		71		34-135	20		50
Fluoranthene	90		75		40-140	18		50
4-Chlorophenyl phenyl ether	88		74		40-140	17		50
4-Bromophenyl phenyl ether	92		76		40-140	19		50
Bis(2-chloroisopropyl)ether	59		48		12-107	21		50
Bis(2-chloroethoxy)methane	71		58		32-111	20		50
Hexachlorobutadiene	83		67		40-140	21		50
Hexachlorocyclopentadiene	96		79		40-140	19		50
Hexachloroethane	67		54		32-97	21		50
Isophorone	69		56		33-115	21		50
Naphthalene	80		64		37-106	22		50
Nitrobenzene	68		54		32-118	23		50
NDPA/DPA	89		73		40-140	20		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1814936-2 WG1814936-3								
n-Nitrosodi-n-propylamine	70		55		40-140	24		50
Bis(2-ethylhexyl)phthalate	88		73		40-140	19		50
Butyl benzyl phthalate	92		75		35-139	20		50
Di-n-butylphthalate	88		74		40-140	17		50
Di-n-octylphthalate	90		75		40-140	18		50
Diethyl phthalate	88		73		40-140	19		50
Dimethyl phthalate	86		69		40-140	22		50
Benzo(a)anthracene	86		73		40-140	16		50
Benzo(a)pyrene	94		80		40-140	16		50
Benzo(b)fluoranthene	91		77		40-140	17		50
Benzo(k)fluoranthene	92		78		40-140	16		50
Chrysene	90		76		40-140	17		50
Acenaphthylene	82		66		40-140	22		50
Anthracene	88		74		40-140	17		50
Benzo(ghi)perylene	92		79		40-140	15		50
Fluorene	86		71		40-140	19		50
Phenanthrene	86		72		40-140	18		50
Dibenzo(a,h)anthracene	93		78		40-140	18		50
Indeno(1,2,3-cd)pyrene	92		77		34-138	18		50
Pyrene	91		76		40-125	18		50
Biphenyl	85		70		37-127	19		50
4-Chloroaniline	60		52		15-137	14		50
2-Nitroaniline	85		69		40-140	21		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1814936-2 WG1814936-3								
3-Nitroaniline	78		66		26-129	17		50
4-Nitroaniline	100		80		41-125	22		50
Dibenzofuran	85		71		40-140	18		50
2-Methylnaphthalene	82		66		40-140	22		50
1,2,4,5-Tetrachlorobenzene	87		72		40-140	19		50
Acetophenone	80		65		40-140	21		50
2,4,6-Trichlorophenol	93		75		30-130	21		50
p-Chloro-m-cresol	82		66		40-140	22		50
2-Chlorophenol	82		65		37-112	23		50
2,4-Dichlorophenol	83		68		30-130	20		50
2,4-Dimethylphenol	71		58		30-130	20		50
2-Nitrophenol	78		64		30-130	20		50
4-Nitrophenol	88		71		39-161	21		50
2,4-Dinitrophenol	76		42		10-155	58	Q	50
4,6-Dinitro-o-cresol	101		72		30-130	34		50
Pentachlorophenol	100		85		36-121	16		50
Phenol	80		65		36-117	21		50
2-Methylphenol	79		64		30-130	21		50
3-Methylphenol/4-Methylphenol	80		66		30-130	19		50
2,4,5-Trichlorophenol	90		72		30-130	22		50
Benzoic Acid	8	Q	3	Q	10-110	83	Q	50
Benzyl Alcohol	76		61		40-140	22		50
Carbazole	90		76		40-140	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1814936-2 WG1814936-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	82		66		31-118
Phenol-d6	79		63		37-126
Nitrobenzene-d5	68		55		29-137
2-Fluorobiphenyl	80		64		38-127
2,4,6-Tribromophenol	95		77		40-130
4-Terphenyl-d14	92		76		36-137

PCBS

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-01
 Client ID: WAL CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Concrete
 Analytical Method: 1,8082A
 Analytical Date: 08/15/23 08:52
 Analyst: ER
 Percent Solids: 88%

Extraction Method: EPA 3540C
 Extraction Date: 08/11/23 15:40
 Cleanup Method: EPA 3665A
 Cleanup Date: 08/14/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 08/14/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	113	10.0	1	A
Aroclor 1221	ND		ug/kg	113	11.3	1	A
Aroclor 1232	ND		ug/kg	113	23.9	1	A
Aroclor 1242	48.8	J	ug/kg	113	15.2	1	B
Aroclor 1248	ND		ug/kg	113	16.9	1	A
Aroclor 1254	36.6	J	ug/kg	113	12.3	1	A
Aroclor 1260	ND		ug/kg	113	20.8	1	A
Aroclor 1262	ND		ug/kg	113	14.3	1	A
Aroclor 1268	ND		ug/kg	113	11.7	1	A
PCBs, Total	85.4	J	ug/kg	113	10.0	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02
 Client ID: LOCKERROOM-CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Concrete
 Analytical Method: 1,8082A
 Analytical Date: 08/15/23 09:00
 Analyst: ER
 Percent Solids: 86%

Extraction Method: EPA 3540C
 Extraction Date: 08/11/23 15:40
 Cleanup Method: EPA 3665A
 Cleanup Date: 08/14/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 08/14/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	116	10.3	1	A
Aroclor 1221	ND		ug/kg	116	11.6	1	A
Aroclor 1232	ND		ug/kg	116	24.6	1	A
Aroclor 1242	ND		ug/kg	116	15.6	1	A
Aroclor 1248	ND		ug/kg	116	17.4	1	A
Aroclor 1254	ND		ug/kg	116	12.7	1	A
Aroclor 1260	ND		ug/kg	116	21.4	1	A
Aroclor 1262	ND		ug/kg	116	14.7	1	A
Aroclor 1268	ND		ug/kg	116	12.0	1	A
PCBs, Total	ND		ug/kg	116	10.3	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 08/15/23 08:28
Analyst: ER

Extraction Method: EPA 3540C
Extraction Date: 08/11/23 15:40
Cleanup Method: EPA 3665A
Cleanup Date: 08/14/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/14/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1814906-1						
Aroclor 1016	ND		ug/kg	95.0	8.44	A
Aroclor 1221	ND		ug/kg	95.0	9.52	A
Aroclor 1232	ND		ug/kg	95.0	20.2	A
Aroclor 1242	ND		ug/kg	95.0	12.8	A
Aroclor 1248	ND		ug/kg	95.0	14.2	A
Aroclor 1254	ND		ug/kg	95.0	10.4	A
Aroclor 1260	ND		ug/kg	95.0	17.6	A
Aroclor 1262	ND		ug/kg	95.0	12.1	A
Aroclor 1268	ND		ug/kg	95.0	9.85	A
PCBs, Total	ND		ug/kg	95.0	8.44	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	67		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1814906-2 WG1814906-3									
Aroclor 1016	78		84		40-140	7		50	A
Aroclor 1260	68		72		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		80		30-150	A
Decachlorobiphenyl	59		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		83		30-150	B
Decachlorobiphenyl	62		70		30-150	B

PESTICIDES

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-01
 Client ID: WAL CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Concrete
 Analytical Method: 1,8081B
 Analytical Date: 08/18/23 14:24
 Analyst: EJJ
 Percent Solids: 88%

Extraction Method: EPA 3540C
 Extraction Date: 08/11/23 16:40
 Cleanup Method: EPA 3620B
 Cleanup Date: 08/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 08/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	4.96	0.970	1	B
Lindane	ND		ug/kg	2.06	0.923	1	B
Alpha-BHC	ND		ug/kg	2.06	0.586	1	B
Beta-BHC	ND		ug/kg	4.96	1.88	1	B
Heptachlor	ND		ug/kg	2.48	1.11	1	B
Aldrin	ND		ug/kg	4.96	1.74	1	B
Heptachlor epoxide	ND		ug/kg	9.29	2.79	1	B
Endrin	ND		ug/kg	2.06	0.846	1	B
Endrin aldehyde	ND		ug/kg	6.19	2.17	1	B
Endrin ketone	ND		ug/kg	4.96	1.28	1	B
Dieldrin	ND		ug/kg	3.10	1.55	1	B
4,4'-DDE	ND		ug/kg	4.96	1.14	1	B
4,4'-DDD	ND		ug/kg	4.96	1.77	1	B
4,4'-DDT	ND		ug/kg	4.96	3.98	1	B
Endosulfan I	ND		ug/kg	4.96	1.17	1	B
Endosulfan II	ND		ug/kg	4.96	1.66	1	B
Endosulfan sulfate	ND		ug/kg	2.06	0.983	1	B
Methoxychlor	ND		ug/kg	9.29	2.89	1	B
Toxaphene	ND		ug/kg	92.9	26.0	1	B
cis-Chlordane	ND		ug/kg	6.19	1.73	1	B
trans-Chlordane	ND		ug/kg	6.19	1.64	1	B
Chlordane	ND		ug/kg	41.3	16.4	1	B

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-01
 Client ID: WAL CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	23	Q	30-150	A
Decachlorobiphenyl	24	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	297	Q	30-150	B

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02
 Client ID: LOCKERROOM-CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Concrete
 Analytical Method: 1,8081B
 Analytical Date: 08/19/23 10:47
 Analyst: AR
 Percent Solids: 86%

Extraction Method: EPA 3540C
 Extraction Date: 08/11/23 16:40
 Cleanup Method: EPA 3620B
 Cleanup Date: 08/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 08/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	5.18	1.01	1	A
Lindane	ND		ug/kg	2.16	0.965	1	A
Alpha-BHC	ND		ug/kg	2.16	0.613	1	A
Beta-BHC	ND		ug/kg	5.18	1.96	1	A
Heptachlor	ND		ug/kg	2.59	1.16	1	A
Aldrin	ND		ug/kg	5.18	1.82	1	A
Heptachlor epoxide	ND		ug/kg	9.72	2.92	1	A
Endrin	ND		ug/kg	2.16	0.885	1	A
Endrin aldehyde	ND		ug/kg	6.48	2.27	1	A
Endrin ketone	ND		ug/kg	5.18	1.33	1	A
Dieldrin	ND		ug/kg	3.24	1.62	1	A
4,4'-DDE	ND		ug/kg	5.18	1.20	1	A
4,4'-DDD	ND		ug/kg	5.18	1.85	1	A
4,4'-DDT	ND		ug/kg	5.18	4.17	1	A
Endosulfan I	ND		ug/kg	5.18	1.22	1	A
Endosulfan II	ND		ug/kg	5.18	1.73	1	A
Endosulfan sulfate	ND		ug/kg	2.16	1.03	1	A
Methoxychlor	ND		ug/kg	9.72	3.02	1	A
Toxaphene	ND		ug/kg	97.2	27.2	1	A
cis-Chlordane	ND		ug/kg	6.48	1.80	1	A
trans-Chlordane	ND		ug/kg	6.48	1.71	1	A
Chlordane	ND		ug/kg	43.2	17.2	1	A

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02
 Client ID: LOCKERROOM-CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	417	Q	30-150	A
Decachlorobiphenyl	105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
Analytical Date: 08/18/23 10:54
Analyst: E JL

Extraction Method: EPA 3540C
Extraction Date: 08/11/23 16:40
Cleanup Method: EPA 3620B
Cleanup Date: 08/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1814951-1						
Delta-BHC	ND		ug/kg	4.30	0.842	A
Lindane	ND		ug/kg	1.79	0.801	A
Alpha-BHC	ND		ug/kg	1.79	0.509	A
Beta-BHC	ND		ug/kg	4.30	1.63	A
Heptachlor	ND		ug/kg	2.15	0.964	A
Aldrin	ND		ug/kg	4.30	1.51	A
Heptachlor epoxide	ND		ug/kg	8.06	2.42	A
Endrin	ND		ug/kg	1.79	0.735	A
Endrin aldehyde	ND		ug/kg	5.38	1.88	A
Endrin ketone	ND		ug/kg	4.30	1.11	A
Dieldrin	ND		ug/kg	2.69	1.34	A
4,4'-DDE	ND		ug/kg	4.30	0.995	A
4,4'-DDD	ND		ug/kg	4.30	1.53	A
4,4'-DDT	ND		ug/kg	4.30	3.46	A
Endosulfan I	ND		ug/kg	4.30	1.02	A
Endosulfan II	ND		ug/kg	4.30	1.44	A
Endosulfan sulfate	ND		ug/kg	1.79	0.853	A
Methoxychlor	ND		ug/kg	8.06	2.51	A
Toxaphene	ND		ug/kg	80.6	22.6	A
cis-Chlordane	ND		ug/kg	5.38	1.50	A
trans-Chlordane	ND		ug/kg	5.38	1.42	A
Chlordane	ND		ug/kg	35.8	14.2	A

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
Analytical Date: 08/18/23 10:54
Analyst: EJL

Extraction Method: EPA 3540C
Extraction Date: 08/11/23 16:40
Cleanup Method: EPA 3620B
Cleanup Date: 08/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1814951-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1814951-2 WG1814951-3									
Delta-BHC	89		78		30-150	13		30	A
Lindane	83		73		30-150	13		30	A
Alpha-BHC	81		72		30-150	12		30	A
Beta-BHC	88		76		30-150	15		30	A
Heptachlor	85		75		30-150	13		30	A
Aldrin	82		72		30-150	13		30	A
Heptachlor epoxide	72		62		30-150	15		30	A
Endrin	90		77		30-150	16		30	A
Endrin aldehyde	62		54		30-150	14		30	A
Endrin ketone	91		79		30-150	14		30	A
Dieldrin	93		79		30-150	16		30	A
4,4'-DDE	90		77		30-150	16		30	A
4,4'-DDD	98		83		30-150	17		30	A
4,4'-DDT	99		84		30-150	16		30	A
Endosulfan I	84		73		30-150	14		30	A
Endosulfan II	92		77		30-150	18		30	A
Endosulfan sulfate	70		60		30-150	15		30	A
Methoxychlor	98		82		30-150	18		30	A
cis-Chlordane	78		68		30-150	14		30	A
trans-Chlordane	99		83		30-150	18		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1814951-2 WG1814951-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	74		63		30-150	A
Decachlorobiphenyl	102		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		60		30-150	B
Decachlorobiphenyl	93		85		30-150	B

METALS

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-01
 Client ID: WAL CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Concrete
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13600		mg/kg	8.81	2.38	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.41	0.335	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Arsenic, Total	32.4		mg/kg	0.881	0.183	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Barium, Total	117		mg/kg	0.881	0.153	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Beryllium, Total	1.09		mg/kg	0.441	0.029	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.881	0.086	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Calcium, Total	74700		mg/kg	8.81	3.08	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Chromium, Total	33.3		mg/kg	0.881	0.085	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Cobalt, Total	4.09		mg/kg	1.76	0.146	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Copper, Total	40.4		mg/kg	0.881	0.227	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Iron, Total	12400		mg/kg	4.41	0.796	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Lead, Total	57.3		mg/kg	4.41	0.236	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Magnesium, Total	8890		mg/kg	8.81	1.36	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Manganese, Total	778		mg/kg	0.881	0.140	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Mercury, Total	0.474		mg/kg	0.078	0.051	1	08/10/23 23:55	08/21/23 11:55	EPA 7471B	1,7471B	MJR
Nickel, Total	11.9		mg/kg	2.20	0.213	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Potassium, Total	1390		mg/kg	220	12.7	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Selenium, Total	1.25	J	mg/kg	1.76	0.227	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Silver, Total	1.45		mg/kg	0.441	0.249	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Sodium, Total	585		mg/kg	176	2.78	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Thallium, Total	0.521	J	mg/kg	1.76	0.278	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Vanadium, Total	15.3		mg/kg	0.881	0.179	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM
Zinc, Total	77.6		mg/kg	4.41	0.258	2	08/10/23 23:06	08/27/23 19:39	EPA 3050B	1,6010D	MAM



Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02
 Client ID: LOCKERROOM-CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Concrete
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	24800		mg/kg	9.30	2.51	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.65	0.353	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Arsenic, Total	4.91		mg/kg	0.930	0.193	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Barium, Total	109		mg/kg	0.930	0.162	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Beryllium, Total	2.71		mg/kg	0.465	0.031	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.930	0.091	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Calcium, Total	144000		mg/kg	23.2	8.14	5	08/10/23 23:06	08/27/23 21:58	EPA 3050B	1,6010D	MAM
Chromium, Total	29.8		mg/kg	0.930	0.089	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Cobalt, Total	3.37		mg/kg	1.86	0.154	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Copper, Total	16.4		mg/kg	0.930	0.240	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Iron, Total	9800		mg/kg	4.65	0.840	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Lead, Total	27.8		mg/kg	4.65	0.249	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Magnesium, Total	20300		mg/kg	9.30	1.43	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Manganese, Total	1420		mg/kg	0.930	0.148	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Mercury, Total	0.274		mg/kg	0.087	0.057	1	08/10/23 23:55	08/21/23 12:51	EPA 7471B	1,7471B	MJR
Nickel, Total	14.0		mg/kg	2.32	0.225	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Potassium, Total	2030		mg/kg	232	13.4	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Selenium, Total	0.852	J	mg/kg	1.86	0.240	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Silver, Total	2.37		mg/kg	0.465	0.263	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Sodium, Total	616		mg/kg	186	2.93	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.86	0.293	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Vanadium, Total	31.6		mg/kg	0.930	0.189	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM
Zinc, Total	75.2		mg/kg	4.65	0.272	2	08/10/23 23:06	08/27/23 19:42	EPA 3050B	1,6010D	MAM



Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1814481-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Antimony, Total	ND		mg/kg	2.00	0.152	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Calcium, Total	ND		mg/kg	4.00	1.40	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Cobalt, Total	0.131	J	mg/kg	0.800	0.066	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Copper, Total	ND		mg/kg	0.400	0.103	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Iron, Total	ND		mg/kg	2.00	0.361	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Lead, Total	0.118	J	mg/kg	2.00	0.107	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Magnesium, Total	ND		mg/kg	4.00	0.616	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Manganese, Total	ND		mg/kg	0.400	0.064	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Nickel, Total	0.154	J	mg/kg	1.00	0.097	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Potassium, Total	ND		mg/kg	100	5.76	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Sodium, Total	ND		mg/kg	80.0	1.26	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Thallium, Total	0.348	J	mg/kg	0.800	0.126	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM
Zinc, Total	ND		mg/kg	2.00	0.117	1	08/10/23 23:06	08/27/23 19:33	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1814483-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/10/23 23:55	08/21/23 11:48	1,7471B	MJR



Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1814481-2 SRM Lot Number: D119-540								
Aluminum, Total	74		-		48-152	-		
Antimony, Total	94		-		10-190	-		
Arsenic, Total	99		-		83-117	-		
Barium, Total	101		-		82-118	-		
Beryllium, Total	102		-		83-117	-		
Cadmium, Total	96		-		82-117	-		
Calcium, Total	93		-		81-118	-		
Chromium, Total	100		-		82-119	-		
Cobalt, Total	100		-		83-117	-		
Copper, Total	95		-		84-116	-		
Iron, Total	90		-		60-140	-		
Lead, Total	97		-		82-118	-		
Magnesium, Total	86		-		76-124	-		
Manganese, Total	94		-		82-118	-		
Nickel, Total	98		-		82-117	-		
Potassium, Total	87		-		70-130	-		
Selenium, Total	100		-		79-121	-		
Silver, Total	94		-		80-120	-		
Sodium, Total	101		-		74-126	-		
Thallium, Total	100		-		81-119	-		
Vanadium, Total	96		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1814481-2 SRM Lot Number: D119-540					
Zinc, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1814483-2 SRM Lot Number: D119-540					
Mercury, Total	99	-	73-127	-	

Matrix Spike Analysis Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1814481-3 QC Sample: L2345983-01 Client ID: MS Sample												
Aluminum, Total	4770	582	5540	132	Q	-	-		75-125	-		20
Antimony, Total	ND	145	149	102		-	-		75-125	-		20
Arsenic, Total	3.48	34.9	38.1	99		-	-		75-125	-		20
Barium, Total	384	582	982	103		-	-		75-125	-		20
Beryllium, Total	0.063J	14.5	15.3	105		-	-		75-125	-		20
Cadmium, Total	ND	15.4	15.0	97		-	-		75-125	-		20
Calcium, Total	16600	2910	19800	110		-	-		75-125	-		20
Chromium, Total	87.0	58.2	146	101		-	-		75-125	-		20
Cobalt, Total	3.79	145	154	103		-	-		75-125	-		20
Copper, Total	269	72.7	338	95		-	-		75-125	-		20
Iron, Total	32900	291	33800	309	Q	-	-		75-125	-		20
Lead, Total	25.6	154	181	101		-	-		75-125	-		20
Magnesium, Total	2140	2910	5000	98		-	-		75-125	-		20
Manganese, Total	598	145	744	100		-	-		75-125	-		20
Nickel, Total	19.1	145	165	100		-	-		75-125	-		20
Potassium, Total	1090	2910	4280	110		-	-		75-125	-		20
Selenium, Total	5.51	34.9	40.6	100		-	-		75-125	-		20
Silver, Total	1.67	14.5	16.2	100		-	-		75-125	-		20
Sodium, Total	884	2910	4000	107		-	-		75-125	-		20
Thallium, Total	ND	34.9	32.1	92		-	-		75-125	-		20
Vanadium, Total	7.41	145	152	99		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1814481-3 QC Sample: L2345983-01 Client ID: MS Sample									
Zinc, Total	542	145	684	98	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1814483-3 QC Sample: L2346127-01 Client ID: WAL CONCRETE-08082023									
Mercury, Total	0.474	1.58	2.09	102	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1814481-4 QC Sample: L2345983-01 Client ID: DUP Sample						
Arsenic, Total	3.48	3.45	mg/kg	1		20
Barium, Total	384	381	mg/kg	1		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	87.0	84.9	mg/kg	2		20
Lead, Total	25.6	23.4	mg/kg	9		20
Selenium, Total	5.51	5.72	mg/kg	4		20
Silver, Total	1.67	1.64	mg/kg	2		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1814483-4 QC Sample: L2346127-01 Client ID: WAL CONCRETE-08082023						
Mercury, Total	0.474	0.413	mg/kg	14		20

INORGANICS & MISCELLANEOUS

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-01
 Client ID: WAL CONCRETE-08082023
 Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
 Date Received: 08/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Concrete

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	08/11/23 08:59	121,2540G	ROI



Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02
Client ID: LOCKERROOM-CONCRETE-08082023
Sample Location: 3875 RIVER ROAD

Date Collected: 08/08/23 15:30
Date Received: 08/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Concrete

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	08/11/23 08:59	121,2540G	ROI
Cyanide, Total	6.4		mg/kg	1.1	0.23	1	08/15/23 16:00	08/16/23 15:00	1,9010C/9012B	KEP



Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG1816238-1									
Cyanide, Total	ND	mg/kg	0.96	0.20	1	08/15/23 16:00	08/16/23 14:56	1,9010C/9012B	KEP

Lab Control Sample Analysis Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1816238-2 WG1816238-3								
Cyanide, Total	77	Q	84		80-120	1		35

Matrix Spike Analysis Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1816238-4 WG1816238-5 QC Sample: L2346882-06 Client ID: MS Sample												
Cyanide, Total	ND	11	11	98		8.0	70	Q	75-125	32		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1814668-1 QC Sample: L2346238-01 Client ID: DUP Sample						
Solids, Total	93.5	93.5	%	0		20

Project Name: RITC

Lab Number: L2346127

Project Number: CONCRETE SAMPLING

Report Date: 08/29/23

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2346127-01A	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2346127-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2346127-01C	Vial Large Septa unpreserved (4oz)	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2346127-01D	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8082-CNCRT(365),NYTCL-8081(14),NYTCL-8270-CNCRT(14)
L2346127-01X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2346127-01Y	Vial Water preserved split	A	NA		3.6	Y	Absent	12-AUG-23 11:34	NYTCL-8260-R2(14)
L2346127-01Z	Vial Water preserved split	A	NA		3.6	Y	Absent	12-AUG-23 11:34	NYTCL-8260-R2(14)
L2346127-02A	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2346127-02B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2346127-02C	Vial Large Septa unpreserved (4oz)	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2346127-02D	Vial Large Septa unpreserved (4oz)	A	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8082-CNCRT(365),NYTCL-8081(14),NYTCL-8270-CNCRT(14)
L2346127-02E	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8082-CNCRT(365),NYTCL-8081(14),NYTCL-8270-CNCRT(14)
L2346127-02X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2346127-02Y	Vial Water preserved split	A	NA		3.6	Y	Absent	12-AUG-23 11:34	NYTCL-8260-R2(14)
L2346127-02Z	Vial Water preserved split	A	NA		3.6	Y	Absent	12-AUG-23 11:34	NYTCL-8260-R2(14)

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers



Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

Project Name: RITC
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
Report Date: 08/29/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

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

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

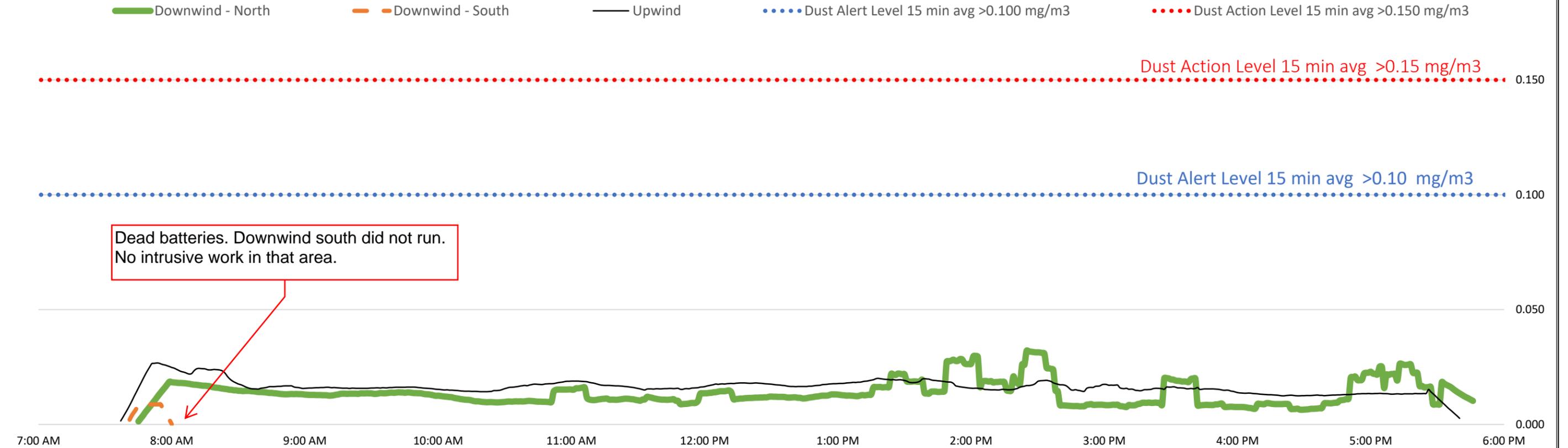
 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-8220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 1	Date Rec'd in Lab 8/10/23	ALPHA Job # L2346127							
		Project Information Project Name: RPTC Project Location: 3875 River Road Project # Concrete Samples (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input checked="" type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input type="checkbox"/> Same as Client Info PO #						
Client Information Client: TOWN OF ENGLISHTOWN Address: 441 Carlisle Drive Suite C. HERNDON VA Phone: 703-553-5787 Fax: Email: Peter.Zaffran@enl.com		Project Manager: ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input checked="" type="checkbox"/> NY <input type="checkbox"/> Other:						
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Please specify Metals or TAL.		ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do <input type="checkbox"/> Lab to do (Please Specify below)								
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials						Total Cyanide	Total Bottles
		Date	Time									
46127-01	WALconcrete-08082023	8/8/23	15:30	Soil	PZ	X	X	X	X	X	X	
02	locker room-concrete-08082023	8/9/23	09:00	Soil	PZ	X	X	X	X	X	X	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Preservative				
Relinquished By: [Signature] Date/Time: 8/9/23 - 16:00		Received By: [Signature] Date/Time: 8/9/23 16:00		Relinquished By: [Signature] Date/Time: 8/9/23 - 16:00		Received By: [Signature] Date/Time: 8/10/23 01:30		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)				

Appendix B – CAMP Data



Fixed Station Daily Air Monitoring - July 10, 2023

Dust (mg/m3) 15 min avg



VOC (ppm) 15 min avg

