INVENTUM ENGINEERING

Secondary Containment Closure Construction Completion Report

Weak Ammonia Liquor Area - PT02, PT03, ST01, and ST02



Riverview Innovation & Technology Campus

Brownfield Cleanup Program Site No. C915353

3875 River Road

Tonawanda, New York 14150

October 21, 2025

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Background

The Weak Ammonia Liquor (WAL) Area secondary containment was located in the southwest section of the former production area. The secondary containment was in close proximity to the Light Oil Area secondary containment, but they did not share any walls, former piping, or processing components at the time that Riverview Innovation & Technology Campus acquired the property (Photograph No. 1). The construction of the Weak Ammonia Area Secondary Containment appeared to be relatively recent (less than 20 years). There was an apparent seam around the weak ammonia tank bases, which suggests the secondary containment slab may have been cast in place around existing foundations/slabs for the two weak ammonia tanks, PT02 and PT03.

This secondary containment was the subject of the earlier IRM Light Oil Storm Water Characterization Sampling Summary Report (Inventum, May 2020) to characterize the water quality in the units (Light Oil Area and Weak Ammonia Liquor secondary containments). The secondary containment structure below and around the Weak Ammonia Tank Area (Tanks PT02, PT03, ST01 and ST02) was a reinforced concrete structure that was used by the Tonawanda Coke Corporation for containing precipitation that may have come into contact with residual materials in these areas and was likely designed to be capable of containing the contents of the remaining tanks, a previously removed tank, and previously removed process equipment in the event of a release. The secondary containment capacity was larger than would have been required for the remaining tanks, which is not consistent with the other secondary containments on the property.

The secondary containment structure surrounded a number of process pipes, pumps, electrical equipment, and the foundations/pedestals for previously removed process equipment (Photograph No. 2 through 5).

Samples of the liquids and solids in the Weak Ammonia Liquor Tank Secondary Containment Structures were previously submitted to the NYSDEC in the Light Oil Area Storm Water Characterization Sampling Summary Report (Inventum, May 2020). During that sampling effort, seepage of a tar-like material was observed from beneath the northwest segment of Weak Ammonia Liquor Tank No. PT02. The western and eastern ends of the secondary containment contained fill materials.

Tanks PT02, PT03, ST01, and ST02 were managed in accordance with the Aboveground Storage Tank Management Interim Remedial Measures Work Plan ("AST Work Plan") (Inventum, 2021). Tanks PT02 and PT03 contained sludge. Tank ST01 contained a dark brown liquid. There was a white solid material at the bottom of ST02. The management and closure of the WAL area tanks is documented under the Aboveground Storage Tank Management Construction Completion Report ("AST CCR" [Inventum, August 2025]).

Inspection Summary

The Weak Ammonia Liquor Area secondary containment was irregularly shaped and covered approximately 11,300 square feet. The containment walls did not contain holes or cracks. The walls had minor chipping along the upper edges. The tanks and equipment had dedicated concrete pads, but no secondary containment slab was present. Tar-like material was present on the ground surface over the northeastern and eastern containment area (Photograph No 6 through 12).

During concrete removal in July 2023, a riveted steel sump structure was discovered below the northwestern edge of the former tank PT03 (Figure 2). The sump was 6 feet in diameter and 4 feet in height, with a capacity of approximately 4 cubic yards. It was full of coarse gravel with an oily, black, viscous tar-like

material similar to that in surrounding and underlying fill (Photograph No. 19 and 20). The sump was emptied into the void created by its removal and the material was subsequently solidified in accordance with the Source Area Solidification IRM Work Plan (Inventum, 2023).

Sampling of Underlying Fill

The Secondary Containment Work Plan anticipated the collection of 33 fill samples based on an estimated area of 16,200 square feet. During inspection, a more accurate area was determined to be 11,300 square feet. Based on the sampling frequency defined in the Work Plan, 23 fill samples were collected over equidistant intervals. 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 up to 5 feet and in an area disturbed by concrete removal. The sample locations included those described for the WAL area in the work plan including the northwest segment of the PT02 location and the eastern end of the containment. Sample locations are provided in Figures 2 and 3.

Samples were collected from the fill at the fill-clay interface, between 2-feet and 5-feet BGS. The fill samples consisted of grey- to- black coarse-grained sand and gravel with grey silty clay. Petroleum-like and ammonia-like odors were observed during sampling in the northern and eastern containment areas. Non-aqueous phase liquid (NAPL) was observed in the fill below the PT02 tank pad (location 04), the southwest area (location 05), near the south wall (location 11), and the PT03 sump (location 16). Sample locations 04, 05, and 16 had NAPL described as oily black “blobs” that created sheen when in contact with groundwater, consistent with the tar-like material observed at the ground surface within the containment. The NAPL observed at sample location 11 also created sheen when in contact with groundwater, was less viscous than the black NAPL, and was bright green. The samples were screened with a photoionization detector (PiD) and ranged from 0.0 ppm to 393.0 ppm. A PiD screening summary is presented in Table 1.

The 23 fill samples were analyzed for:

- TCL SVOCs [8270]
- Total Cyanide [9012]
- Total Mercury [7471]
- Total Ammonia [350.1]

Of the 23 samples, 12 included the following:

- TCL VOCs [8260]
- Polychlorinated biphenyls (PCBs) [8082]
- TAL Metals [6010]

Of the 12 samples, 4 included the following:

- TCLP VOCs, SVOCs, Metals, Pesticides, and Herbicides
- Corrosivity, Ignitability, and Reactivity

The sample results were compared to 6 NYCRR Part 375 Commercial Soil Cleanup Objectives (SCOs) and EPA TCLP standards. Samples had exceedances of the SCOs for the VOCs benzene and naphthalene[1].

[1] Naphthalene was analyzed by both SW-846 Methods 8260 VOCs and 8270 SVOCs.

Samples had exceedances of the SCOs for SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, naphthalene, and phenanthrene. Samples exceeded the SCO for mercury. No sample concentrations of cyanide or PCBs exceeded the SCOs. While there is no established SCO for ammonia, sample concentrations ranged from 13 mg/kg to 550 mg/kg.

Leachate concentrations from samples collected between PT02 and PT03 (location 13) and below the northeast corner (location 22) indicated the characteristic of toxicity for benzene (D018). No samples were hazardous for ignitability, corrosivity, or reactivity.

Analytical results are presented in Table 2.

Management of Underlying Fill

Samples collected from locations 13 and 22 contained benzene concentrations that indicated the characteristic of the toxicity (Figure 2). Based on this result, the fill below the Weak Ammonia Liquor Area secondary containment was managed in accordance with the approved Source Area Solidification IRM Work Plan (Inventum, 2023). The fill was solidified with the addition of coke breeze and lime kiln dust (LKD) to eliminate the characteristic of toxicity and mitigate mobility of the constituents that may impact shallow groundwater on site.

Concrete Management

Two piles of concrete were ultimately generated from the Weak Ammonia Liquor area. The first pile is an estimated 800 cubic yards and contains the concrete secondary containment, tank, and equipment pads that were inspected, crushed, and stockpiled on site for potential reuse as fill material. This pile also includes the PT01 “Think Safety” secondary containment removed during the same timeframe as well as miscellaneous concrete foundations excavated from the area. The second pile is an estimated 650 cubic yards and contains additional subgrade concrete removed from the Weak Ammonia Liquor and Phenol areas during solidification activities performed under the Source Area Solidification IRM Work Plan (Inventum, 2023).

One concrete characterization sample was collected from the first 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 3. The second concrete pile has not been sampled.

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
Concrete Removal	July 2023
Fill Sampling	7/13/2023, 7/14/2023, 7/17/2023, 7/18/2023, 7/19/2023, 7/24/2023, 7/25/2023

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

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Photographic Log

Client Name: RITC	**Date Photo was Taken:** 2021	**Project:** RITC
Photo No. 1		
Direction Photo Taken: View is aerial.		
Description: The Weak Ammonia Liquor Area secondary containment.		
Client Name: RITC	**Date Photo was Taken:** 3/24/2020	**Project:** RITC
Photo No. 2		
Direction Photo Taken: View is north.		
Description: Piping and equipment inside the secondary containment (southern section).		

Client Name: RITC	Date Photo was Taken: 3/24/2020	Project: RITC
Photo No. 3 **Direction Photo Taken:** View is northeast. **Description:** Piping and equipment inside the secondary containment (southern section).		

Client Name: RITC	Date Photo was Taken: 3/24/2020	Project: RITC
Photo No. 4 **Direction Photo Taken:** View is north. **Description:** Piping and equipment inside the secondary containment. Precipitation accumulated on the northern side of the containment (eastern section).		

Client Name: RITC	Date Photo was Taken: 3/24/2020	Project: RITC
Photo No. 5 **Direction Photo Taken:** View is southwest. **Description:** Fill material and debris in the western section of the secondary containment.		
Client Name: RITC	**Date Photo was Taken:** 6/24/2021	**Project:** RITC
Photo No. 6 **Direction Photo Taken:** View is northeast. **Description:** Tar-like material present on the floor of the secondary containment (southeast section).		

Client Name: RITC	Date Photo was Taken: 6/24/2021	Project: RITC
Photo No. 7 **Direction Photo Taken:** View is north. **Description:** Tar-like material present on the floor of the secondary containment (northern section).		

Client Name: RITC	Date Photo was Taken: 6/24/2021	Project: RITC
Photo No. 8 **Direction Photo Taken:** View is northeast. **Description:** Tar-like material present around the seam of PT03.		

Client Name: RITC	Date Photo was Taken: 4/18/2023	Project: RITC
Photo No. 9 **Direction Photo Taken:** View is south. **Description:** Western exterior containment wall (note well cluster MW-BCP-04 at top of image).		
Client Name: RITC	**Date Photo was Taken:** 4/18/2023	**Project:** RITC
Photo No. 10 **Direction Photo Taken:** View is east. **Description:** Western exterior containment wall.		

Client Name: RITC	Date Photo was Taken: 4/18/2023	Project: RITC
Photo No. 11 **Direction Photo Taken:** View is north. **Description:** Southern exterior containment wall.		
Client Name: RITC	**Date Photo was Taken:** 4/18/2023	**Project:** RITC
Photo No. 12 **Direction Photo Taken:** View is south. **Description:** Western interior containment wall. Note that the fracture at the end of the wall occurred during demolition.		

Client Name: RITC	Date Photo was Taken: 6/29/2023	Project: RITC
Photo No. 13		
Direction Photo Taken: View is aerial.		
Description: The WAL secondary containment walls are approximately 50% removed.		

Client Name: RITC	Date Photo was Taken: 7/7/2023	Project: RITC
Photo No. 14		
Direction Photo Taken: View is south.		
Description: The western most tank pad is exposed. The tank was removed before RITC site ownership.		

Client Name: RITC	Date Photo was Taken: 7/12/2023	Project: RITC
Photo No. 15 **Direction Photo Taken:** View is east. **Description:** The PT02 tank pad is exposed and removed.		

Client Name: RITC	Date Photo was Taken: 7/12/2023	Project: RITC
Photo No. 16 **Direction Photo Taken:** View is north. **Description:** The interior northern containment wall and soils exposed during tank pad removal. The secondary containment did not have a slab.		

Client Name: RITC	Date Photo was Taken: 7/17/2023	Project: RITC
Photo No. 17		
Direction Photo Taken: View is aerial.		
Description: The PT03 tank pad is removed.		

Client Name: RITC	Date Photo was Taken: 7/17/2023	Project: RITC
Photo No. 18		
Direction Photo Taken: View is southeast.		
Description: The PT03 tank pad is removed.		

Client Name: RITC	Date Photo was Taken: 7/17/2023	Project: RITC
Photo No. 19 **Direction Photo Taken:** View is aerial, south. **Description:** A sump is located in the north side of the PT03 tank pad.		
Client Name: RITC	**Date Photo was Taken:** 7/20/2023	**Project:** RITC
Photo No. 20 **Direction Photo Taken:** View is south. **Description:** The sump removed from the PT03 footprint.		

Client Name: RITC	Date Photo was Taken: 7/20/2023	Project: RITC
Photo No. 21 **Direction Photo Taken:** View is aerial. **Description:** The concrete pads are removed.		
Client Name: RITC	**Date Photo was Taken:** 7/21/2023	**Project:** RITC
Photo No. 22 **Direction Photo Taken:** View is south. **Description:** The concrete pads are removed.		

Figures



N

50 0 25 50 100 200

1 INCH = 50 FEET (22X34)

D

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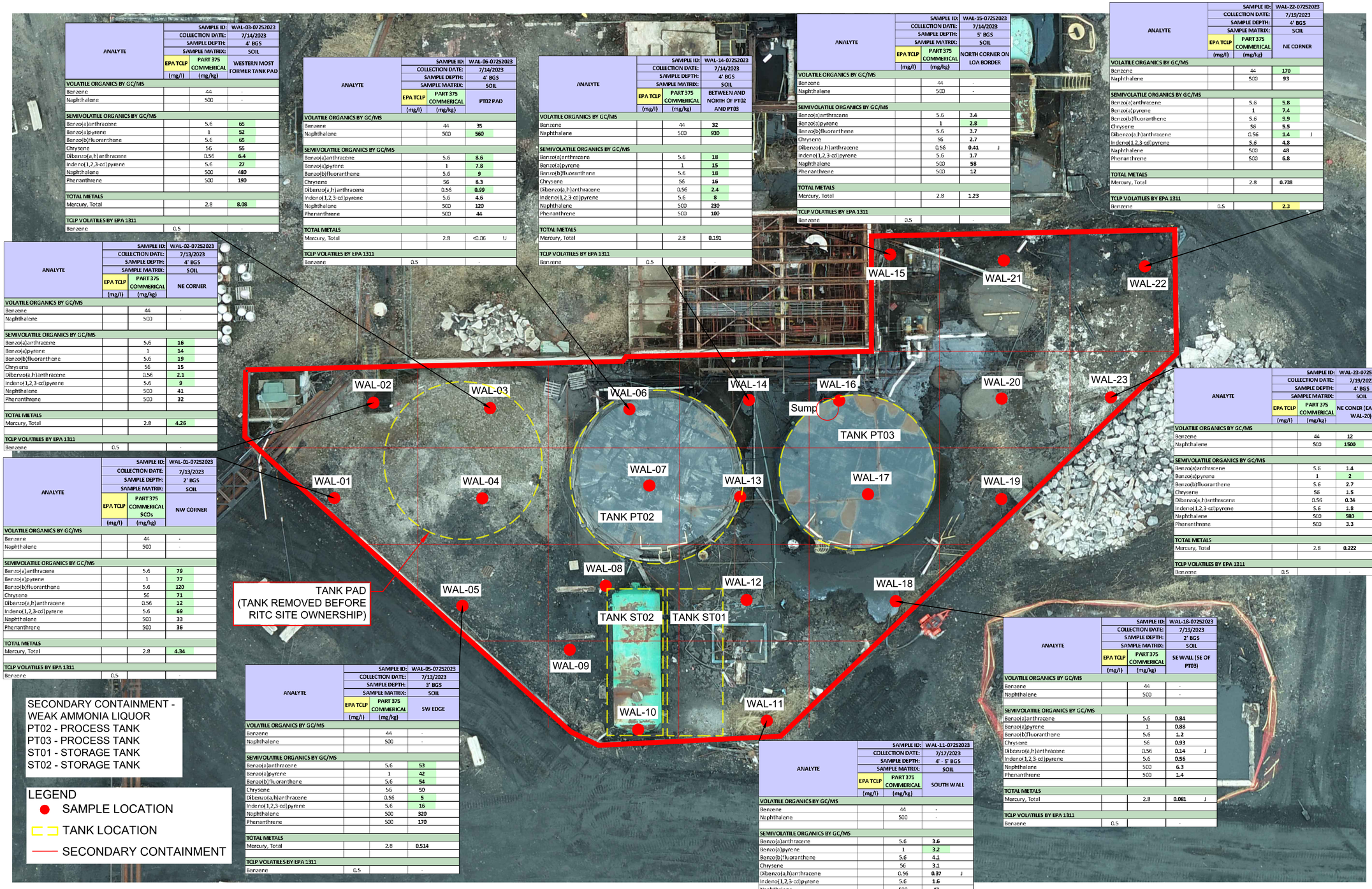
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SECONDARY CONTAINMENT LOCATIONS
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3875 RIVER ROAD
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FIGURE 1

DRAWING NUMBER
SECONDARY CONTAINMENT CLOSURE CCR



ANALYTE	SAMPLE ID:	WAL-03-07252023
	COLLECTION DATE:	7/14/2023
	SAMPLE DEPTH:	4' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	WESTERN MOST FORMER TANK PAD
VOLATILE ORGANICS BY GC/MS			
Benzene		44	-
Naphthalene		500	-
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	65
Benzo(a)pyrene		1	52
Benzo(b)fluoranthene		5.6	65
Chrysene		56	55
Dibenzo(a,h)anthracene		0.56	6.4
Indeno(1,2,3-cd)pyrene		5.6	27
Naphthalene		500	480
Phenanthrene		500	190
TOTAL METALS			
Mercury, Total		2.8	8.08
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-06-07252023
	COLLECTION DATE:	7/14/2023
	SAMPLE DEPTH:	4' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	PT02 PAD
VOLATILE ORGANICS BY GC/MS			
Benzene		44	35
Naphthalene		500	560
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	8.6
Benzo(a)pyrene		1	7.8
Benzo(b)fluoranthene		5.6	9
Chrysene		56	8.3
Dibenzo(a,h)anthracene		0.56	0.99
Indeno(1,2,3-cd)pyrene		5.6	4.6
Naphthalene		500	120
Phenanthrene		500	44
TOTAL METALS			
Mercury, Total		2.8	<0.06 U
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-14-07252023
	COLLECTION DATE:	7/14/2023
	SAMPLE DEPTH:	4' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	BETWEEN AND NORTH OF PT02 AND PT03
VOLATILE ORGANICS BY GC/MS			
Benzene		44	32
Naphthalene		500	930
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	18
Benzo(a)pyrene		1	15
Benzo(b)fluoranthene		5.6	18
Chrysene		56	16
Dibenzo(a,h)anthracene		0.56	2.4
Indeno(1,2,3-cd)pyrene		5.6	8
Naphthalene		500	230
Phenanthrene		500	100
TOTAL METALS			
Mercury, Total		2.8	0.191
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-15-07252023
	COLLECTION DATE:	7/14/2023
	SAMPLE DEPTH:	5' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	NORTH CORNER ON LOA BORDER
VOLATILE ORGANICS BY GC/MS			
Benzene		44	-
Naphthalene		500	-
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	3.4
Benzo(a)pyrene		1	2.8
Benzo(b)fluoranthene		5.6	3.7
Chrysene		56	2.7
Dibenzo(a,h)anthracene		0.56	0.41 J
Indeno(1,2,3-cd)pyrene		5.6	1.7
Naphthalene		500	58
Phenanthrene		500	12
TOTAL METALS			
Mercury, Total		2.8	1.23
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-22-07252023
	COLLECTION DATE:	7/19/2023
	SAMPLE DEPTH:	4' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	NE CORNER
VOLATILE ORGANICS BY GC/MS			
Benzene		44	170
Naphthalene		500	93
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	5.8
Benzo(a)pyrene		1	7.4
Benzo(b)fluoranthene		5.6	9.9
Chrysene		56	5.5
Dibenzo(a,h)anthracene		0.56	1.4 J
Indeno(1,2,3-cd)pyrene		5.6	4.8
Naphthalene		500	48
Phenanthrene		500	6.8
TOTAL METALS			
Mercury, Total		2.8	0.738
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		2.3

ANALYTE	SAMPLE ID:	WAL-02-07252023
	COLLECTION DATE:	7/13/2023
	SAMPLE DEPTH:	4' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	NE CORNER
VOLATILE ORGANICS BY GC/MS			
Benzene		44	-
Naphthalene		500	-
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	16
Benzo(a)pyrene		1	14
Benzo(b)fluoranthene		5.6	19
Chrysene		56	15
Dibenzo(a,h)anthracene		0.56	2.1
Indeno(1,2,3-cd)pyrene		5.6	9
Naphthalene		500	41
Phenanthrene		500	32
TOTAL METALS			
Mercury, Total		2.8	4.26
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-01-07252023
	COLLECTION DATE:	7/13/2023
	SAMPLE DEPTH:	2' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL SCOs (mg/kg)	NW CORNER
VOLATILE ORGANICS BY GC/MS			
Benzene		44	-
Naphthalene		500	-
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	79
Benzo(a)pyrene		1	77
Benzo(b)fluoranthene		5.6	120
Chrysene		56	71
Dibenzo(a,h)anthracene		0.56	12
Indeno(1,2,3-cd)pyrene		5.6	69
Naphthalene		500	33
Phenanthrene		500	36
TOTAL METALS			
Mercury, Total		2.8	4.34
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-05-07252023
	COLLECTION DATE:	7/13/2023
	SAMPLE DEPTH:	3' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	SW EDGE
VOLATILE ORGANICS BY GC/MS			
Benzene		44	-
Naphthalene		500	-
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	53
Benzo(a)pyrene		1	42
Benzo(b)fluoranthene		5.6	54
Chrysene		56	50
Dibenzo(a,h)anthracene		0.56	5
Indeno(1,2,3-cd)pyrene		5.6	16
Naphthalene		500	320
Phenanthrene		500	170
TOTAL METALS			
Mercury, Total		2.8	0.514
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-11-07252023
	COLLECTION DATE:	7/17/2023
	SAMPLE DEPTH:	4' - 5' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	SOUTH WALL
VOLATILE ORGANICS BY GC/MS			
Benzene		44	-
Naphthalene		500	-
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	3.6
Benzo(a)pyrene		1	3.2
Benzo(b)fluoranthene		5.6	4.1
Chrysene		56	3.1
Dibenzo(a,h)anthracene		0.56	0.37 J
Indeno(1,2,3-cd)pyrene		5.6	1.6
Naphthalene		500	47
Phenanthrene		500	7.9
TOTAL METALS			
Mercury, Total		2.8	0.187
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-23-07252023
	COLLECTION DATE:	7/19/2023
	SAMPLE DEPTH:	4' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	NE CONER (EAST OF WAL-20)
VOLATILE ORGANICS BY GC/MS			
Benzene		44	12
Naphthalene		500	1500
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	1.4
Benzo(a)pyrene		1	2
Benzo(b)fluoranthene		5.6	2.7
Chrysene		56	1.5
Dibenzo(a,h)anthracene		0.56	0.34 J
Indeno(1,2,3-cd)pyrene		5.6	1.8
Naphthalene		500	580
Phenanthrene		500	3.3
TOTAL METALS			
Mercury, Total		2.8	0.222
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-18-07252023
	COLLECTION DATE:	7/19/2023
	SAMPLE DEPTH:	2' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	SE WALL (SE OF PT03)
VOLATILE ORGANICS BY GC/MS			
Benzene		44	-
Naphthalene		500	-
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	0.84
Benzo(a)pyrene		1	0.88
Benzo(b)fluoranthene		5.6	1.2
Chrysene		56	0.93
Dibenzo(a,h)anthracene		0.56	0.14 J
Indeno(1,2,3-cd)pyrene		5.6	0.56
Naphthalene		500	6.3
Phenanthrene		500	1.4
TOTAL METALS			
Mercury, Total		2.8	0.081 J
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

DRAWING BY RB
CHECKED
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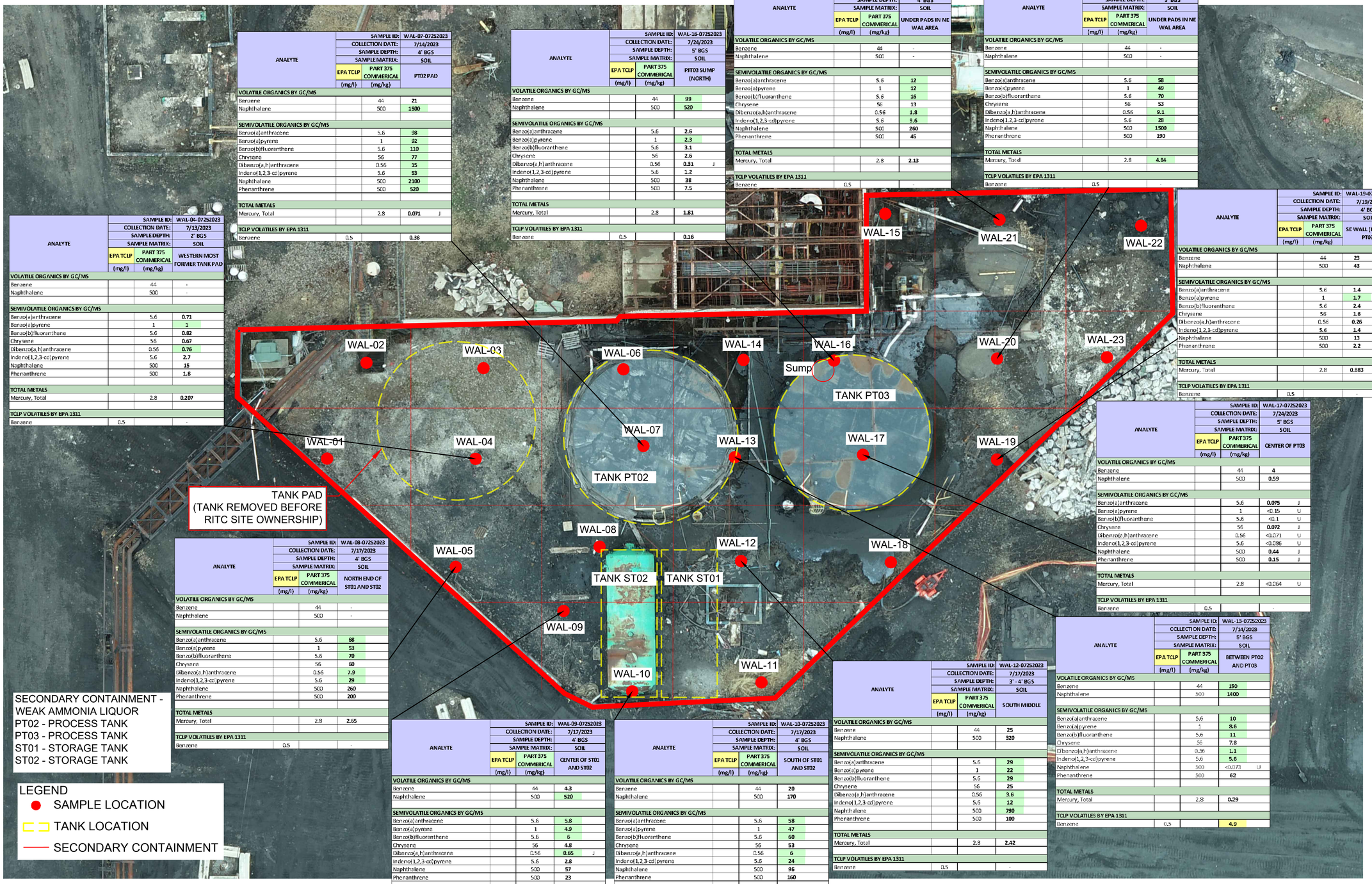
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WEAK AMMONIA LIQUOR AREA
SECONDARY CONTAINMENT SAMPLING
RIVERVIEW INNOVATION & TECHNOLOGY CAMPUS, INC.
3875 RIVER ROAD
TONAWANDA, NEW YORK 14150
BCP SITE No. C915353

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
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FIGURE 2

DRAWING NUMBER
SECONDARY CONTAINMENT CLOSURE CCR



ANALYTE	SAMPLE ID:	WAL-07-07252023
	COLLECTION DATE:	7/14/2023
	SAMPLE DEPTH:	4' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	PT02 PAD
VOLATILE ORGANICS BY GC/MS			
Benzene		44	21
Naphthalene		500	1500
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	98
Benzo(a)pyrene		1	92
Benzo(b)fluoranthene		5.6	110
Chrysene		56	77
Dibenzo(a,h)anthracene		0.56	15
Indeno(1,2,3-cd)pyrene		5.6	53
Naphthalene		500	2100
Phenanthrene		500	520
TOTAL METALS			
Mercury, Total		2.8	0.071 J
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		0.38

ANALYTE	SAMPLE ID:	WAL-16-07252023
	COLLECTION DATE:	7/24/2023
	SAMPLE DEPTH:	5' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	PIT03 SUMP (NORTH)
VOLATILE ORGANICS BY GC/MS			
Benzene		44	99
Naphthalene		500	520
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	2.6
Benzo(a)pyrene		1	2.3
Benzo(b)fluoranthene		5.6	3.1
Chrysene		56	2.6
Dibenzo(a,h)anthracene		0.56	0.31 J
Indeno(1,2,3-cd)pyrene		5.6	1.2
Naphthalene		500	38
Phenanthrene		500	7.5
TOTAL METALS			
Mercury, Total		2.8	1.81
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		0.16

ANALYTE	SAMPLE ID:	WAL-21-07252023
	COLLECTION DATE:	7/25/2023
	SAMPLE DEPTH:	4' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	UNDER PADS IN NE WAL AREA
VOLATILE ORGANICS BY GC/MS			
Benzene		44	-
Naphthalene		500	-
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	12
Benzo(a)pyrene		1	12
Benzo(b)fluoranthene		5.6	16
Chrysene		56	13
Dibenzo(a,h)anthracene		0.56	1.8
Indeno(1,2,3-cd)pyrene		5.6	9.6
Naphthalene		500	260
Phenanthrene		500	45
TOTAL METALS			
Mercury, Total		2.8	2.13
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-20-07252023
	COLLECTION DATE:	7/18/2023
	SAMPLE DEPTH:	5' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	UNDER PADS IN NE WAL AREA
VOLATILE ORGANICS BY GC/MS			
Benzene		44	-
Naphthalene		500	-
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	58
Benzo(a)pyrene		1	49
Benzo(b)fluoranthene		5.6	70
Chrysene		56	53
Dibenzo(a,h)anthracene		0.56	9.1
Indeno(1,2,3-cd)pyrene		5.6	28
Naphthalene		500	1500
Phenanthrene		500	190
TOTAL METALS			
Mercury, Total		2.8	4.84
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-04-07252023
	COLLECTION DATE:	7/13/2023
	SAMPLE DEPTH:	2' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	WESTERN MOST FORMER TANK PAD
VOLATILE ORGANICS BY GC/MS			
Benzene		44	-
Naphthalene		500	-
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	0.71
Benzo(a)pyrene		1	1
Benzo(b)fluoranthene		5.6	0.82
Chrysene		56	0.67
Dibenzo(a,h)anthracene		0.56	0.76
Indeno(1,2,3-cd)pyrene		5.6	2.7
Naphthalene		500	15
Phenanthrene		500	1.8
TOTAL METALS			
Mercury, Total		2.8	0.207
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-19-07252023
	COLLECTION DATE:	7/19/2023
	SAMPLE DEPTH:	4' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	SE WALL (EAST OF PT03)
VOLATILE ORGANICS BY GC/MS			
Benzene		44	23
Naphthalene		500	43
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	1.4
Benzo(a)pyrene		1	1.7
Benzo(b)fluoranthene		5.6	2.4
Chrysene		56	1.6
Dibenzo(a,h)anthracene		0.56	0.26 J
Indeno(1,2,3-cd)pyrene		5.6	1.4
Naphthalene		500	13
Phenanthrene		500	2.2
TOTAL METALS			
Mercury, Total		2.8	0.883
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-17-07252023
	COLLECTION DATE:	7/24/2023
	SAMPLE DEPTH:	5' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	CENTER OF PT03
VOLATILE ORGANICS BY GC/MS			
Benzene		44	4
Naphthalene		500	0.59
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	0.075 J
Benzo(a)pyrene		1	<0.15 U
Benzo(b)fluoranthene		5.6	<0.1 U
Chrysene		56	0.072 J
Dibenzo(a,h)anthracene		0.56	<0.071 U
Indeno(1,2,3-cd)pyrene		5.6	<0.086 U
Naphthalene		500	0.44 J
Phenanthrene		500	0.15 J
TOTAL METALS			
Mercury, Total		2.8	<0.064 U
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-08-07252023
	COLLECTION DATE:	7/17/2023
	SAMPLE DEPTH:	4' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	NORTH END OF ST01 AND ST02
VOLATILE ORGANICS BY GC/MS			
Benzene		44	-
Naphthalene		500	-
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	68
Benzo(a)pyrene		1	53
Benzo(b)fluoranthene		5.6	70
Chrysene		56	60
Dibenzo(a,h)anthracene		0.56	7.9
Indeno(1,2,3-cd)pyrene		5.6	29
Naphthalene		500	260
Phenanthrene		500	200
TOTAL METALS			
Mercury, Total		2.8	2.65
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-09-07252023
	COLLECTION DATE:	7/17/2023
	SAMPLE DEPTH:	4' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	CENTER OF ST01 AND ST02
VOLATILE ORGANICS BY GC/MS			
Benzene		44	4.3
Naphthalene		500	520
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	5.8
Benzo(a)pyrene		1	4.9
Benzo(b)fluoranthene		5.6	6
Chrysene		56	4.8
Dibenzo(a,h)anthracene		0.56	0.65 J
Indeno(1,2,3-cd)pyrene		5.6	2.8
Naphthalene		500	57
Phenanthrene		500	23
TOTAL METALS			
Mercury, Total		2.8	0.522
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-10-07252023
	COLLECTION DATE:	7/17/2023
	SAMPLE DEPTH:	4' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	SOUTH OF ST01 AND ST02
VOLATILE ORGANICS BY GC/MS			
Benzene		44	20
Naphthalene		500	170
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	58
Benzo(a)pyrene		1	47
Benzo(b)fluoranthene		5.6	60
Chrysene		56	53
Dibenzo(a,h)anthracene		0.56	6
Indeno(1,2,3-cd)pyrene		5.6	24
Naphthalene		500	96
Phenanthrene		500	160
TOTAL METALS			
Mercury, Total		2.8	1.11
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-12-07252023
	COLLECTION DATE:	7/17/2023
	SAMPLE DEPTH:	3' - 4' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	SOUTH MIDDLE
VOLATILE ORGANICS BY GC/MS			
Benzene		44	25
Naphthalene		500	320
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	29
Benzo(a)pyrene		1	22
Benzo(b)fluoranthene		5.6	29
Chrysene		56	25
Dibenzo(a,h)anthracene		0.56	3.6
Indeno(1,2,3-cd)pyrene		5.6	12
Naphthalene		500	790
Phenanthrene		500	100
TOTAL METALS			
Mercury, Total		2.8	2.42
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		-

ANALYTE	SAMPLE ID:	WAL-13-07252023
	COLLECTION DATE:	7/14/2023
	SAMPLE DEPTH:	5' BGS
	SAMPLE MATRIX:	SOIL
	EPA TCLP (mg/l)	PART 375 COMMERICAL (mg/kg)	BETWEEN PT02 AND PT03
VOLATILE ORGANICS BY GC/MS			
Benzene		44	150
Naphthalene		500	1400
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene		5.6	10
Benzo(a)pyrene		1	8.6
Benzo(b)fluoranthene		5.6	11
Chrysene		56	7.8
Dibenzo(a,h)anthracene		0.56	1.1
Indeno(1,2,3-cd)pyrene		5.6	5.6
Naphthalene		500	<0.073 U
Phenanthrene		500	62
TOTAL METALS			
Mercury, Total		2.8	0.29
TCLP VOLATILES BY EPA 1311			
Benzene	0.5		4.9

D

10 0 5 10 20 40

1 INCH = 10 FEET (22X34)

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FIGURE 3

DRAWING NUMBER
SECONDARY CONTAINMENT CLOSURE CCR

Tables

Table 1
Secondary Containment Closure Construction Completion Report
Weak Ammonia Liquor Area Tanks ST01, ST02, PT02, and PT03
Riverview Innovation & Technology Campus, Inc.
Tonawanda, New York

Sample	Sample Date	PID (ppm)
WAL-01	7/13/2023	0.0
WAL-02	7/13/2023	0.0
WAL-03	7/14/2023	6.4
WAL-04	7/13/2023	2.1
WAL-05	7/13/2023	7.9
WAL-06	7/14/2023	75.1
WAL-07	7/14/2023	41.9
WAL-08	7/17/2023	6.9
WAL-09	7/17/2023	31.5
WAL-10	7/17/2023	11.1
WAL-11	7/17/2023	7.3
WAL-12	7/17/2023	24.8
WAL-13	7/14/2023	198.1
WAL-14	7/14/2023	115.8
WAL-15	7/14/2023	4.7
WAL-16	7/24/2023	393.0
WAL-17	7/24/2023	23.3
WAL-18	7/19/2023	10.9
WAL-19	7/19/2023	39.2
WAL-20	7/18/2023	10.1
WAL-21	7/25/2023	9.0
WAL-22	7/19/2023	45.0
WAL-23	7/19/2023	23.3

Table 2
Secondary Containment Closure Construction Completion Report
Weak Ammonia Liquor Area Tanks ST01, ST02, PT02, and PT03
Riverview Innovation & Technology Campus, Inc.
Tonawanda, New York

ANALYTE			SAMPLE ID:	WAL-01-07252023		WAL-02-07252023		WAL-03-07252023		WAL-04-07252023		WAL-05-07252023		WAL-06-07252023		WAL-07-07252023		WAL-08-07252023		WAL-09-07252023		WAL-10-07252023		WAL-11-07252023		WAL-12-07252023		WAL-13-07252023		WAL-14-07252023		WAL-15-07252023		WAL-16-07252023		WAL-17-07252023		WAL-18-07252023		WAL-19-07252023		WAL-20-07252023		WAL-21-07252023		WAL-22-07252023		WAL-23-07252023	
			LAB ID:	L2342740-01		L2342740-02		L2342740-03		L2342740-04		L2342740-05		L2342740-06		L2342740-07		L2342740-08		L2342740-09		L2342740-10		L2342740-11		L2342740-12		L2342740-13		L2342740-14		L2342740-15		L2342740-16		L2342740-17		L2342740-18		L2342740-19		L2342740-20		L2342740-21		L2342740-22		L2342740-23	
			COLLECTION DATE:	7/13/2023		7/13/2023		7/14/2023		7/13/2023		7/13/2023		7/14/2023		7/14/2023		7/17/2023		7/17/2023		7/17/2023		7/17/2023		7/17/2023		7/14/2023		7/14/2023		7/14/2023		7/24/2023		7/24/2023		7/19/2023		7/19/2023		7/18/2023		7/25/2023		7/19/2023		7/19/2023	
			SAMPLE DEPTH:	2' BGS		4' BGS		4' BGS		2' BGS		3' BGS		4' BGS		4' BGS		4' BGS		4' BGS		4' BGS		4' - 5' BGS		3' - 4' BGS		5' BGS		4' BGS		5' BGS		5' BGS		5' BGS		2' BGS		4' BGS		5' BGS		4' BGS		4' BGS	
			SAMPLE MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
			SAMPLE LOCATION:	NW CORNER		NE CORNER		WESTERN MOST FORMER TANK PAD		WESTERN MOST FORMER TANK PAD		SW EDGE		PT02 PAD		PT02 PAD		NORTH END OF ST01 AND ST02		CENTER OF ST01 AND ST02		SOUTH OF ST01 AND ST02		SOUTH WALL		SOUTH MIDDLE		BETWEEN PT02 AND PT03		BETWEEN AND NORTH OF PT02 AND PT03		NORTH CORNER ON LOA BORDER		PT03 SUMP (NORTH)		CENTER OF PT03		SE WALL (SE OF PT03)		SE WALL (EAST OF PT03)		UNDER PADS IN NE WAL AREA		UNDER PADS IN NE WAL AREA (NORTH OF WAL-21)		NE CORNER		NE CORNER (EAST OF WAL-20)	
	EPA TCLP	PART 375 COMMERICAL SCOs																																												
	(mg/l)	(mg/kg)																																													
VOLATILE ORGANICS BY GC/MS																																															
1,1,1-Trichloroethane		500	-	-	-	-	-	-	-	-	-	-	-	<0.24	U	<1	U	-	<0.15	U	<0.059	U	-	<0.014	U	<0.62	U	<0.31	U	-	<0.13	U	<0.013	U	-	<0.012	U	-	-	<0.066	U	<0.61	U				
1,1,2,2-Tetrachloroethane			-	-	-	-	-	-	-	-	-	-	-	<0.24	U	<1	U	-	<0.15	U	<0.058	U	-	<0.014	U	<0.62	U	<0.31	U	-	<0.13	U	<0.012	U	-	<0.012	U	-	-	<0.066	U	<0.6	U				
1,1,2-Trichloroethane			-	-	-	-	-	-	-	-	-	-	-	<0.39	U	<1.7	U	-	<0.24	U	<0.094	U	-	<0.023	U	<1	U	<0.5	U	-	<0.21	U	<0.02	U	-	<0.02	U	-	-	<0.1	U	<0.97	U				
1,1-Dichloroethane		240	-	-	-	-	-	-	-	-	-	-	-	<0.21	U	<0.9	U	-	<0.13	U	<0.051	U	-	<0.012	U	<0.54	U	<0.27	U	-	<0.11	U	<0.011	U	-	<0.011	U	-	-	<0.058	U	<0.53	U				
1,1-Dichloroethene		500	-	-	-	-	-	-	-	-	-	-	-	<0.35	U	<1.5	U	-	<0.21	U	<0.084	U	-	<0.02	U	<0.89	U	<0.45	U	-	<0.19	U	<0.018	U	-	<0.018	U	-	-	<0.094	U	<0.87	U				
1,2,3-Trichlorobenzene			-	-	-	-	-	-	-	-	-	-	-	<0.47	U	<2	U	-	<0.29	U	<0.11	U	-	<0.028	U	<1.2	U	<0.61	U	-	<0.25	U	<0.024	U	-	<0.024	U	-	-	<0.13	U	<1.2	U				
1,2,4-Trichlorobenzene			-	-	-	-	-	-	-	-	-	-	-	<0.4	U	<1.7	U	-	<0.24	U	<0.096	U	-	<0.023	U	<1	U	<0.51	U	-	<0.21	U	<0.02	U	-	<0.02	U	-	-	<0.11	U	<0.99	U				
1,2,4-Trimethylbenzene		190	-	-	-	-	-	-	-	-	-	-	-	**3.8**		**11**	J	-	**7.2**		**1.9**		-	**2.7**		**9.8**		**5.9**		-	**20**		**0.043**	J	-	**3.9**		-	-	**2**		**15**					
1,2-Dibromo-3-chloropropane			-	-	-	-	-	-	-	-	-	-	-	<1.5	U	<6.2	U	-	<0.89	U	<0.35	U	-	<0.086	U	<3.7	U	<1.9	U	-	<0.79	U	<0.075	U	-	<0.075	U	-	-	<0.4	U	<3.6	U				
1,2-Dibromoethane			-	-	-	-	-	-	-	-	-	-	-	<0.41	U	<1.7	U	-	<0.25	U	<0.098	U	-	<0.024	U	<1	U	<0.52	U	-	<0.22	U	<0.021	U	-	<0.021	U	-	-	<0.11	U	<1	U				
1,2-Dichlorobenzene		500	-	-	-	-	-	-	-	-	-	-	-	<0.21	U	<0.9	U	-	<0.13	U	<0.051	U	-	<0.012	U	<0.54	U	<0.27	U	-	<0.11	U	<0.011	U	-	<0.011	U	-	-	<0.057	U	<0.52	U				
1,2-Dichloroethane		30	-	-	-	-	-	-	-	-	-	-	-	<0.38	U	<1.6	U	-	<0.23	U	<0.09	U	-	<0.022	U	<0.96	U	<0.48	U	-	<0.2	U	<0.019	U	-	<0.019	U	-	-	<0.1	U	<0.94	U				
1,2-Dichloroethene, Total			-	-	-	-	-	-	-	-	-	-	-	<0.2	U	<0.85	U	-	<0.12	U	<0.048	U	-	<0.012	U	<0.51	U	<0.26	U	-	<0.11	U	<0.01	U	-	<0.01	U	-	-	<0.054	U	<0.5	U				
1,2-Dichloropropane			-	-	-	-	-	-	-	-	-	-	-	<0.18	U	<0.78	U	-	<0.11	U	<0.044	U	-	<0.011	U	<0.47	U	<0.24	U	-	<0.098	U	<0.0094	U	-	<0.0094	U	-	-	<0.05	U	<0.46	U				
1,3,5-Trimethylbenzene		190	-	-	-	-	-	-	-	-	-	-	-	**2.5**	J	**5.7**	J	-	**3.6**		**1.1**		-	**1.6**		**5.6**	J	**3.6**	J	-	**13**		**0.037**	J	-	**2.6**		-	-	**1.6**		**11**					
1,3-Dichlorobenzene		280	-	-	-	-	-	-	-	-	-	-	-	<0.22	U	<0.92	U	-	<0.13	U	<0.052	U	-	<0.013	U	<0.55	U	<0.28	U	-	<0.12	U	<0.011	U	-	<0.011	U	-	-	<0.059	U	<0.54	U				
1,3-Dichloropropene, Total			-	-	-	-	-	-	-	-	-	-	-	<0.23	U	<0.98	U	-	<0.14	U	<0.056	U	-	<0.014	U	<0.59	U	<0.3	U	-	<0.12	U	<0.012	U	-	<0.012	U	-	-	<0.063	U	<0.58	U				
1,4-Dichlorobenzene		130	-	-	-	-	-	-	-	-	-	-	-	<0.25	U	<1.1	U	-	<0.15	U	<0.06	U	-	<0.015	U	<0.64	U	<0.32	U	-	<0.13	U	<0.013	U	-	<0.013	U	-	-	<0.068	U	<0.62	U				
1,4-Dioxane		130	-	-	-	-	-	-	-	-	-	-	-	<51	U	<220	U	-	<31	U	<12	U	-	<3	U	<130	U	<66	U	-	<28	U	<2.6	U	-	<2.6	U	-	-	<14	U	<130	U				
2-Butanone		500	-	-	-	-	-	-	-	-	-	-	-	<3.2	U	<14	U	-	<2	U	<0.78	U	-	<0.19	U	<8.3	U	<4.2	U	-	<1.8	U	<0.17	U	-	<0.17	U	-	-	<0.88	U	<8.1	U				
2-Hexanone			-	-	-	-	-	-	-	-	-	-	-	<1.7	U	<7.3	U	-	<1	U	<0.42	U	-	<0.1	U	<4.4	U	<2.2	U	-	<0.93	U	<0.089	U	-	<0.088	U	-	-	<0.47	U	<4.3	U				
4-Methyl-2-pentanone			-	-	-	-	-	-	-	-	-	-	-	<1.9	U	<8	U	-	<1.1	U	<0.45	U	-	<0.11	U	<4.8	U	<2.4	U	-	<1	U	<0.097	U	-	<0.096	U	-	-	<0.51	U	<4.6	U				
Acetone		500	-	-	-	-	-	-	-	-	-	-	-	<7	U	<30	U	-	<4.3	U	<1.7	U	-	**0.46**	J	<18	U	<9.1	U	-	<3.8	U	**0.45**	J	-	<0.36	U	-	-	<1.9	U	<18	U				
Benzene		44	-	-	-	-	-	-	-	-	-	-	-	**35**		**21**		-	**4.3**		**20**		-	**25**		**150**		**32**		-	**99**		**4**		-	**23**		-	-	**170**		**12**					
Bromochloromethane			-	-	-	-	-	-	-	-	-	-	-	<0.3	U	<1.3	U	-	<0.18	U	<0.072	U	-	<0.018	U	<0.76	U	<0.39	U	-	<0.16	U	<0.016	U	-	<0.015	U	-	-	<0.081	U	<0.75	U				
Bromodichloromethane			-	-	-	-	-	-	-	-	-	-	-	<0.16	U	<0.68	U	-	<0.097	U	<0.038	U	-	<0.0094	U	<0.41	U	<0.2	U	-	<0.086	U	<0.0082	U	-	<0.0082	U	-	-	<0.043	U	<0.4	U				
Bromoform			-	-	-	-	-	-	-	-	-	-	-	<0.36	U	<1.5	U	-	<0.22	U	<0.086	U	-	<0.021	U	<0.92	U	<0.46	U	-	<0.19	U	<0.019	U	-	<0.018	U	-	-	<0.098	U	<0.9	U				
Bromomethane			-	-	-	-	-	-	-	-	-	-	-	<0.85	U	<3.6	U	-	<0.52	U	<0.2	U	-	**0.055**	J	<2.2	U	<1.1	U	-	<0.46	U	**0.064**	J	-	<0.044	U	-	-	<0.23	U	<2.1	U				
Carbon disulfide			-	-	-	-	-	-	-	-	-	-	-	<6.7	U	<28	U	-	<4	U	<1.6	U	-	<0.39	U	<17	U	<8.6	U	-	<3.6	U	<0.34	U	-	<0.34	U	-	-	<1.8	U	<16	U				
Carbon tetrachloride		22	-	-	-	-	-	-	-	-	-	-	-	<0.34	U	<1.4	U	-	<0.2	U	<0.081	U	-	<0.02	U	<0.86	U	<0.43	U	-	<0.18	U	<0.017	U	-	<0.017	U	-	-	<0.091	U	<0.84	U				
Chlorobenzene		500	-	-	-	-	-	-	-	-	-	-	-	<0.19	U	<0.79	U	-	<0.11	U	<0.045	U	-	<0.011	U	<0.47	U	<0.24	U	-	<0.1	U	<0.0096	U	-	<0.0095	U	-	-	<0.05	U	<0.46	U				
Chloroethane			-	-	-	-	-	-	-	-	-	-	-	<0.66	U	<2.8	U	-	<0.4	U	<0.16	U	-	<0.039	U	<1.7	U	<0.85	U	-	<0.36	U	<0.034	U	-	<0.034	U	-	-	<0.18	U	<1.6	U				
Chloroform		350	-	-	-	-	-	-	-	-	-	-	-	<0.2	U	<0.87	U	-	<0.12	U	<0.049	U	-	<0.012	U	<0.52	U	<0.26	U	-	<0.11	U	<0.01	U	-	<0.01	U	-	-	<0.056	U	<0.51	U				
Chloromethane			-	-	-	-	-	-	-	-	-	-	-	<1.4	U	<5.8	U	-	<0.83	U	<0.33	U	-	<0.08	U	<3.5	U	<1.8	U	-	<0.73	U	<0.07	U	-	<0.07	U	-	-	<0.37	U	<3.4	U				
cis-1,2-Dichloroethene		500	-	-	-	-	-	-	-	-	-	-	-	<0.26	U	<1.1	U	-	<0.16	U	<0.062	U	-	<0.015	U	<0.65	U	<0.33	U	-	<0.14	U	<0.013	U	-	<0.013	U	-	-	<0.069	U	<0.64	U				
cis-1,3-Dichloropropene			-	-	-	-	-	-	-	-	-	-	-	<0.23	U	<0.98	U	-	<0.14	U	<0.056	U	-	<0.014	U	<0.59	U	<0.3	U	-	<0.12	U	<0.012	U	-	<0.012	U	-	-	<0.063	U	<0.58	U				
Cyclohexane			-	-	-	-	-	-	-	-	-	-	-	<0.8	U	<3.4	U	-	<0.48	U	<0.19	U	-	<0.047	U	<2	U	<1	U	-	<0.43	U	<0.041	U	-	**0.083**	J	-	-	<0.22	U	<2	U				
Dibromochloromethane			-	-	-	-	-	-	-	-	-	-	-	<0.2	U	<0.87	U	-	<0.12	U	<0.049	U	-	<0.012	U	<0.52	U	<0.26	U	-	<0.11	U	<0.01	U	-	<0.01	U	-	-	<0.056	U	<0.51	U				
Dichlorodifluoromethane			-	-	-	-	-	-	-	-	-	-	-	<1.3	U	<5.7	U	-	<0.81	U	<0.32	U	-	<0.079	U	<3.4	U	<1.7	U	-	<0.72	U	<0.069	U	-	<0.068	U	-	-	<0.36	U	<3.3	U				
Ethylbenzene		390	-	-	-	-	-	-	-	-	-	-	-	**1**	J	**8.5**		-	**0.59**	J	**0.36**		-	**0.59**		**3.5**	J	**2.2**		-	**5**		**0.17**		-	**1.8**		-	-	**4.7**		**9.2**					
Freon-113			-	-	-	-	-	-	-	-	-	-	-	<1	U	<4.3	U	-	<0.62	U	<0.24	U	-	<0.06	U	<2.6	U	<1.3	U	-	<0.55	U	<0.052	U	-	<0.052	U	-	-	<0.27	U	<2.5	U				
Isopropylbenzene			-	-	-	-	-	-	-	-	-	-	-	<0.16	U	**0.8**	J	-	**0.18**	J	**0.061**	J	-	**0.067**	J	<0.41	U	<0.2	U	-	**0.19**	J	<0.0082	U	-	**0.052**	J	-	-	**0.067**	J	<0.4	U				
Methyl Acetate			-	-	-	-	-	-	-	-	-	-	-	<1.4	U	<5.9	U	-	<0.84	U	**0.44**	J	-	**0.28**	J	<3.5	U	<1.8	U	-	<0.75	U	**0.31**		-	**0.17**	J	-	-	<0.38	U	<3.4	U				
Methyl cyclohexane			-	-	-	-	-	-	-	-	-	-	-	<0.88	U	<3.8	U	-	<0.54	U	**0.26**	J	-	**0.26**	J	<2.2	U	<1.1	U	-	**1.5**	J	<0.046	U	-	**0.31**		-	-	**0.46**	J	<2.2	U				
Methyl tert butyl ether		500	-	-	-	-	-	-	-	-	-	-	-	<0.29	U	<1.2	U	-	<0.18	U	<0.071	U	-	<0.017	U	<0.75	U	<0.38	U	-	<0.16	U	<0.015	U	-	<0.015	U	-	-	<0.08	U	<0.73	U				
Methylene chloride		500	-	-	-	-	-	-	-	-	-	-	-	<3.4	U	<14	U	-	<2	U	<0.8	U	-	<0.2	U	<8.5	U	<4.3	U	-	<1.8	U	<0.17	U	-	<0.17	U	-	-	<0.91	U	<8.3	U				
n-Butylbenzene		500	-	-	-	-	-	-	-	-	-	-	-	<0.24	U	<1	U	-	<0.15	U	<0.059	U	-	**0.058**	J	<0.62	U	<0.31	U	-	**0.16**	J	<0.013	U	-	**0.031**	J	-	-	<0.066	U	<0.61	U				
n-Propylbenzene		500	-	-	-	-	-	-	-	-	-	-	-	<0.25	U	<1.1	U	-	**0.28**	J	**0.062**	J	-	**0.083**	J	<0.64	U	<0.32	U	-	**0.5**	J	<0.013	U	-	**0.12**		-	-	<0.068	U	<0.62	U				
Naphthalene		500	-	-	-	-	-	-	-	-	-	-	-	**560**		**1500**		-	**520**		**170**		-	**320**		**1400**		**930**		-	**520**		**0.59**		-	**43**		-	-	**93**		**1500**					
o-Xylene		500	-	-	-	-	-	-	-	-	-	-	-	**2.9**		**5.7**	J	-	**2.8**		**1.2**		-	**1.4**		**12**		**4.9**		-	**23**		**0.19**		-	**5**		-	-	**5.6**		**5.8**					
p-Isopropyltoluene		390	-	-	-	-	-	-	-	-	-	-	-	<0.16	U	**0.9**	J	-	**0.24**	J	**0.11**	J	-	**0.11**		<0.41	U	<0.2	U	-	**0.23**	J	**0.011**	J	-	**0.048**	J	-	-	<0.043	U	**0.62**	J				
p/m-Xylene		500	-	-	-	-	-	-	-	-	-	-	-	**13**		**17**		-	**8**		**3.7**		-	**4.8**		**54**		**22**		-	**93**		**0.35**		-	**20**		-	-	**20**		**34**					
sec-Butylbenzene		500	-	-	-	-	-	-	-	-	-	-	-	<0.21	U	<0.91	U	-	<0.13	U	<0.051	U	-	**0.041**	J	<0.54	U	<0.28	U	-	<0.12	U	<0.011	U	-	<0.011	U	-	-	<0.058	U	<0.53	U				
Styrene			-	-	-	-	-	-	-	-	-	-	-	**0.65**	J	<1.2	U	-	**1.7**		**0.91**		-	**0.46**		**7.5**		**2.6**		-	**20**		<0.015	U	-	**4.8**		-	-	**1**		**1.8**	J				
tert-Butylbenzene		500	-	-	-	-	-	-	-	-	-	-	-	<0.17	U	<0.73	U	-	<0.1	U	<0.042	U	-	<0.01	U	<0.44	U	<0.22	U	-	<0.093	U	<0.0089	U	-	<0.0088	U	-	-	<0.047	U	<0.43	U				
Tetrachloroethene		150	-	-	-	-	-	-	-	-	-	-	-	<0.29	U	<1.2	U	-	<0.17	U	<0.069	U	-	<0.017	U	<0.73	U	<0.37	U	-	<0.15	U	<0.015	U	-	<0.015	U	-	-	<0.078	U	<0.71	U				
Toluene		500	-	-	-	-	-	-	-	-	-	-	-	**13**		**12**		-	**3.4**		**5.8**		-	**6.9**		**100**		**26**		-	**120**		**0.27**		-	**23**		-	-	**15**		**10**					
trans-1,2-Dichloroethene		500	-	-	-	-	-	-	-	-	-	-	-	<0.2	U	<0.85	U	-	<0.12	U	<0.048	U	-	<0.012	U	<0.51	U	<0.26	U	-	<0.11	U	<0.01	U	-	<0.01	U	-	-	<0.054	U	<0.5	U				
trans-1,3-Dichloropropene			-	-	-	-	-	-	-	-	-	-	-	<0.4	U	<1.7	U	-	<0.24	U	<0.096	U	-	<0.024	U	<1	U	<0.51	U	-	<0.22	U	<0.021	U	-	<0.02	U	-	-	<0.11	U	<0.99	U				
Trichloroethene		200	-	-	-	-	-	-	-	-	-	-	-	<0.2	U	<0.85	U	-	<0.12	U	<0.048	U	-	<0.012	U	<0.51	U	<0.26	U	-	<0.11	U	<0.01	U	-	<0.01	U	-	-	<0.054	U	<0.5	U				
Trichlorofluoromethane			-	-	-	-	-	-	-	-	-	-	-	<1	U	<4.3	U	-	<0.62	U	<0.24	U	-	<0.06	U	<2.6	U	<1.3	U	-	<0.55	U	<0.052	U	-	<0.052	U	-	-	<0.28	U	<2.5	U				
Vinyl chloride		13	-	-	-	-	-	-	-	-	-	-	-	<0.49	U	<2.1	U	-	<0.3	U	<0.12	U	-	<0.029	U	<1.2	U	<0.63	U	-	<0.26	U	<0.025	U	-	<0.025	U	-	-	<0.13	U	<1.2	U				
Xylenes, Total		500	-	-	-	-	-	-	-	-	-	-	-	**16**		**23**	J	-	**11**		**4.9**		-	**6.2**		**66**		**27**		-	**120**		**0.54**		-	**25**		-	-	**26**		**40**					
Total VOCs			-	-	-	-	-	-	-	-	-	-	-	**631.85**	-	**2182.6**	-	-	**552.29**	-	**205.903**	-	-	**364.864**	-	**1542.4**	-	**1029.2**	-	-	**915.58**	-	**6.485**	-	-	**127.914**	-	-	-	**313.427**	-	**1399.42**	-				

Table 2
Secondary Containment Closure Construction Completion Report
Weak Ammonia Liquor Area Tanks ST01, ST02, PT02, and PT03
Riverview Innovation & Technology Campus, Inc.
Tonawanda, New York

ANALYTE	SAMPLE ID:	WAL-01-07252023	WAL-02-07252023	WAL-03-07252023	WAL-04-07252023	WAL-05-07252023	WAL-06-07252023	WAL-07-07252023	WAL-08-07252023	WAL-09-07252023	WAL-10-07252023	WAL-11-07252023	WAL-12-07252023	WAL-13-07252023	WAL-14-07252023	WAL-15-07252023	WAL-16-07252023	WAL-17-07252023	WAL-18-07252023	WAL-19-07252023	WAL-20-07252023	WAL-21-07252023	WAL-22-07252023	WAL-23-07252023
	LAB ID:	L2342740-01	L2342740-02	L2342740-03	L2342740-04	L2342740-05	L2342740-06	L2342740-07	L2342740-08	L2342740-09	L2342740-10	L2342740-11	L2342740-12	L2342740-13	L2342740-14	L2342740-15	L2342740-16	L2342740-17	L2342740-18	L2342740-19	L2342740-20	L2342740-21	L2342740-22	L2342740-23
	COLLECTION DATE:	7/13/2023	7/13/2023	7/14/2023	7/13/2023	7/13/2023	7/14/2023	7/14/2023	7/17/2023	7/17/2023	7/17/2023	7/17/2023	7/17/2023	7/14/2023	7/14/2023	7/14/2023	7/24/2023	7/24/2023	7/19/2023	7/19/2023	7/18/2023	7/25/2023	7/19/2023	7/19/2023
	SAMPLE DEPTH:	2' BGS	4' BGS	4' BGS	2' BGS	3' BGS	4' BGS	4' BGS	4' BGS	4' BGS	4' BGS	4' - 5' BGS	3' - 4' BGS	5' BGS	4' BGS	5' BGS	5' BGS	5' BGS	2' BGS	4' BGS	5' BGS	4' BGS	4' BGS	4' BGS
	SAMPLE MATRIX:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SAMPLE LOCATION:	NW CORNER	NE CORNER	WESTERN MOST FORMER TANK PAD	WESTERN MOST FORMER TANK PAD	SW EDGE	PT02 PAD	PT02 PAD	NORTH END OF ST01 AND ST02	CENTER OF ST01 AND ST02	SOUTH OF ST01 AND ST02	SOUTH WALL	SOUTH MIDDLE	BETWEEN PT02 AND PT03	BETWEEN AND NORTH OF PT02 AND PT03	NORTH CORNER ON LOA BORDER	PT03 SUMP (NORTH)	CENTER OF PT03	SE WALL (SE OF PT03)	SE WALL (EAST OF PT03)	UNDER PADS IN NE WAL AREA	UNDER PADS IN NE WAL AREA (NORTH OF WAL-21)	NE CORNER	NE CORNER (EAST OF WAL-20)
	EPA TCLP (mg/l)	PART 375 COMMERICAL SCOs (mg/kg)																						
SEMIVOLATILE ORGANICS BY GC/MS																								
1,2,4,5-Tetrachlorobenzene			<0.56 U	<0.056 U	<0.71 U	<0.022 U	<0.064 U	<0.065 U	<0.3 U	<0.064 U	<0.36 U	<0.066 U	<0.07 U	<0.34 U	<0.063 U	<0.11 U	<0.076 U	<0.063 U	<0.064 U	<0.062 U	<0.065 U	<0.62 U	<0.054 U	<0.33 U	<0.067 U
1,2,4-Trichlorobenzene			<0.62 U	<0.061 U	<0.78 U	<0.024 U	<0.071 U	<0.071 U	<0.33 U	<0.07 U	<0.39 U	<0.073 U	<0.077 U	<0.38 U	<0.069 U	<0.12 U	<0.083 U	<0.069 U	<0.07 U	<0.068 U	<0.071 U	<0.68 U	<0.059 U	<0.36 U	<0.073 U
1,2-Dichlorobenzene		500	<0.97 U	<0.096 U	<1.2 U	<0.037 U	<0.11 U	<0.11 U	<0.52 U	<0.11 U	<0.61 U	<0.11 U	<0.12 U	<0.59 U	<0.11 U	<0.19 U	<0.13 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<1.1 U	<0.092 U	<0.56 U	<0.12 U
1,3-Dichlorobenzene		280	<0.93 U	<0.092 U	<1.2 U	<0.036 U	<0.11 U	<0.11 U	<0.5 U	<0.1 U	<0.58 U	<0.11 U	<0.12 U	<0.57 U	<0.1 U	<0.18 U	<0.12 U	<0.1 U	<0.11 U	<0.1 U	<0.11 U	<1 U	<0.088 U	<0.54 U	<0.11 U
1,4-Dichlorobenzene		130	<0.94 U	<0.093 U	<1.2 U	<0.036 U	<0.11 U	<0.11 U	<0.5 U	<0.11 U	<0.59 U	<0.11 U	<0.12 U	<0.58 U	<0.1 U	<0.18 U	<0.13 U	<0.11 U	<0.11 U	<0.1 U	<0.11 U	<1 U	<0.09 U	<0.55 U	<0.11 U
1,4-Dioxane		130	<0.25 U	<0.024 U	<0.31 U	<0.0096 U	<0.028 U	<0.028 U	<0.13 U	<0.028 U	<0.16 U	<0.029 U	<0.031 U	<0.15 U	<0.028 U	<0.048 U	<0.033 U	<0.028 U	<0.028 U	<0.027 U	<0.029 U	<0.27 U	<0.024 U	<0.14 U	<0.03 U
2,4,5-Trichlorophenol			<1 U	<0.1 U	<1.3 U	<0.04 U	<0.12 U	<0.12 U	<0.55 U	<0.12 U	<0.65 U	<0.12 U	<0.13 U	<0.63 U	<0.12 U	<0.2 U	<0.14 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<1.1 U	<0.099 U	<0.6 U	<0.12 U
2,4,6-Trichlorophenol			<1 U	<0.1 U	<1.3 U	<0.04 U	<0.12 U	<0.12 U	<0.55 U	<0.12 U	<0.64 U	<0.12 U	<0.13 U	<0.62 U	<0.11 U	<0.2 U	<0.14 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<1.1 U	<0.098 U	<0.6 U	<0.12 U
2,4-Dichlorophenol			<0.87 U	<0.086 U	<1.1 U	<0.034 U	<0.099 U	<0.1 U	<0.46 U	<0.098 U	<0.55 U	<0.1 U	<0.11 U	<0.53 U	<0.097 U	<0.17 U	<0.12 U	<0.098 U	<0.099 U	<0.095 U	<0.1 U	<0.95 U	<0.083 U	<0.51 U	<0.1 U
2,4-Dimethylphenol			<1.8 U	1.1 J	<2.2 U	0.18 J	0.56 J	0.56 J	2.2 J	1.2 J	<1.1 U	1.4 J	0.45 J	1.8 J	2.1 J	0.87 J	0.56 J	0.41 J	<0.2 U	<0.2 U	<0.21 U	<2 U	0.18 J	<1 U	<0.21 U
2,4-Dinitrophenol			<2.5 U	<0.25 U	<3.2 U	<0.097 U	<0.29 U	<0.29 U	<1.3 U	<0.28 U	<1.6 U	<0.3 U	<0.32 U	<1.5 U	<0.28 U	<0.49 U	<0.34 U	<0.28 U	<0.29 U	<0.28 U	<0.29 U	<2.8 U	<0.24 U	<1.5 U	<0.3 U
2,4-Dinitrotoluene			<1.1 U	<0.11 U	<1.4 U	<0.042 U	<0.12 U	<0.12 U	<0.58 U	<0.12 U	<0.68 U	<0.13 U	<0.14 U	<0.66 U	<0.12 U	<0.21 U	<0.14 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<1.2 U	<0.1 U	<0.63 U	<0.13 U
2,6-Dinitrotoluene			<0.93 U	<0.092 U	<1.2 U	<0.036 U	<0.11 U	<0.11 U	<0.49 U	<0.1 U	<0.58 U	<0.11 U	<0.12 U	<0.57 U	<0.1 U	<0.18 U	<0.12 U	<0.1 U	<0.1 U	<0.1 U	<0.11 U	<1 U	<0.088 U	<0.54 U	<0.11 U
2-Chloronaphthalene			<0.54 U	<0.053 U	<0.67 U	<0.021 U	<0.061 U	<0.062 U	<0.28 U	<0.06 U	<0.34 U	<0.063 U	<0.067 U	<0.33 U	<0.06 U	<0.1 U	<0.072 U	<0.06 U	<0.061 U	<0.059 U	<0.062 U	<0.59 U	<0.051 U	<0.31 U	<0.064 U
2-Chlorophenol			<0.64 U	<0.063 U	<0.8 U	<0.025 U	<0.073 U	<0.073 U	<0.34 U	<0.072 U	<0.4 U	<0.075 U	<0.08 U	<0.39 U	<0.071 U	<0.12 U	<0.086 U	<0.072 U	<0.073 U	<0.07 U	<0.074 U	<0.7 U	<0.061 U	<0.37 U	<0.076 U
2-Methylnaphthalene			2.8 J	1.9 J	69	0.61	40	8.7	230	57	39	25	2.3	43	14	22	3	2.3	<0.074 U	0.47 J	0.93	83	11	2.7 J	9.2
2-Methylphenol		500	2 J	4.5	4.4 J	0.22	1.1	0.56 J	<0.45 U	2.2 J	0.97 J	3.8	0.86	7.2	4.9	0.63 J	1	1	<0.096 U	0.15 J	0.2 J	<0.92 U	0.62	0.59 J	0.9
2-Nitroaniline			<1 U	<0.1 U	<1.3 U	<0.04 U	<0.12 U	<0.12 U	<0.56 U	<0.12 U	<0.66 U	<0.12 U	<0.13 U	<0.64 U	<0.12 U	<0.2 U	<0.14 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<1.1 U	<0.099 U	<0.61 U	<0.12 U
2-Nitrophenol			<2 U	<0.2 U	<2.6 U	<0.078 U	<0.23 U	<0.23 U	<1.1 U	<0.23 U	<1.3 U	<0.24 U	<0.25 U	<1.2 U	<0.23 U	<0.4 U	<0.27 U	<0.23 U	<0.23 U	<0.22 U	<0.23 U	<2.2 U	<0.19 U	<1.2 U	<0.24 U
3,3'-Dichlorobenzidine			<1.4 U	<0.14 U	<1.8 U	<0.055 U	<0.16 U	<0.16 U	<0.77 U	<0.16 U	<0.9 U	<0.17 U	<0.18 U	<0.88 U	<0.16 U	<0.28 U	<0.19 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<1.6 U	<0.14 U	<0.84 U	<0.17 U
3-Methylphenol/4-Methylphenol		500	5.8 J	13	8.7 J	0.69	3.4	0.56 J	2.2 J	9.3	3.5 J	12	1.8	35	14	1.4 J	3.4	2.1	<0.097 U	0.35 J	0.45 J	1.8 J	1.3	0.54 J	2.1
3-Nitroaniline			<1 U	<0.1 U	<1.3 U	<0.039 U	<0.12 U	<0.12 U	<0.54 U	<0.11 U	<0.64 U	<0.12 U	<0.13 U	<0.62 U	<0.11 U	<0.2 U	<0.14 U	<0.11 U	<0.12 U	<0.11 U	<0.12 U	<1.1 U	<0.097 U	<0.59 U	<0.12 U
4,6-Dinitro-o-cresol			<2.6 U	<0.26 U	<3.3 U	<0.1 U	<0.3 U	<0.3 U	<1.4 U	<0.29 U	<1.6 U	<0.3 U	<0.32 U	<1.6 U	<0.29 U	<0.51 U	<0.35 U	<0.29 U	<0.3 U	<0.28 U	<0.3 U	<2.8 U	<0.25 U	<1.5 U	<0.31 U
4-Bromophenyl phenyl ether			<0.82 U	<0.081 U	<1 U	<0.032 U	<0.094 U	<0.095 U	<0.44 U	<0.093 U	<0.52 U	<0.097 U	<0.1 U	<0.5 U	<0.092 U	<0.16 U	<0.11 U	<0.093 U	<0.094 U	<0.09 U	<0.095 U	<0.9 U	<0.078 U	<0.48 U	<0.098
4-Chloroaniline			<0.98 U	<0.097 U	<1.2 U	<0.038 U	<0.11 U	<0.11 U	<0.52 U	<0.11 U	<0.62 U	<0.12 U	<0.12 U	<0.6 U	<0.11 U	<0.19 U	<0.13 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<1.1 U	<0.094 U	<0.57 U	<0.12 U
4-Chlorophenyl phenyl ether			<0.58 U	<0.057 U	<0.73 U	<0.022 U	<0.066 U	<0.066 U	<0.31 U	<0.065 U	<0.36 U	<0.068 U	<0.072 U	<0.35 U	<0.064 U	<0.11 U	<0.077 U	<0.065 U	<0.066 U	<0.063 U	<0.067 U	<0.64 U	<0.055 U	<0.34 U	<0.069 U
4-Nitroaniline			<2.2 U	<0.22 U	<2.8 U	<0.086 U	<0.26 U	<0.26 U	<1.2 U	<0.25 U	<1.4 U	<0.26 U	<0.28 U	<1.4 U	<0.25 U	<0.44 U	<0.3 U	<0.25 U	<0.26 U	<0.24 U	<0.26 U	<2.4 U	<0.21 U	<1.3 U	<0.26 U
4-Nitrophenol			<2.2 U	<0.22 U	<2.8 U	<0.085 U	<0.25 U	<0.25 U	<1.2 U	<0.25 U	<1.4 U	<0.26 U	<0.28 U	<1.3 U	<0.24 U	<0.43 U	<0.3 U	<0.25 U	<0.25 U	<0.24 U	<0.25 U	<2.4 U	<0.21 U	<1.3 U	<0.26 U
Acenaphthene		500	2.3 J	1.6	6.8	0.17	5.5	4.6	220	72	70	53	3.6	26	1.6	4.6	0.4 J	0.22 J	<0.064 U	0.1 J	0.22 J	19	2.4	0.55 J	1.4
Acenaphthylene		500	23	7.7	62	0.72	54	5.8	70	59	5.1	36	2.7	29	16	27	4.2	2.6	<0.095 U	0.44 J	0.67 J	83	11	3.8	2.2
Acetophenone			<0.67 U	0.18 J	<0.84 U	<0.026 U	<0.076 U	0.11 J	<0.36 U	0.29 J	<0.42 U	0.26 J	<0.084 U	<0.41 U	0.14 J	<0.13 U	<0.09 U	0.19 J	<0.076 U	<0.073 U	<0.077 U	<0.73 U	<0.064 U	<0.39 U	0.36 J
Anthracene		500	14	7.5	52	0.51	50	7.7	94	58	5.4	48	2.3	30	8.4	19	2.2	1.9	<0.12 U	0.38	0.54	46	7.8	2.2	0.79
Benzo(a)anthracene		5.6	79	16	65	0.71	53	8.6	98	68	5.8	58	3.6	29	10	18	3.4	2.6	0.075 J	0.84	1.4	58	12	5.8	1.4
Benzo(a)pyrene		1	77	14	52	1	42	7.8	92	53	4.9	47	3.2	22	8.6	15	2.8	2.3	<0.15 U	0.88	1.7	49	12	7.4	2
Benzo(b)fluoranthene		5.6	120	19	65	0.82	54	9	110	70	6	60	4.1	29	11	18	3.7	3.1	<0.1 U	1.2	2.4	70	16	9.9	2.7
Benzo(ghi)perylene		500	54	7.1	23	3.9	16	3.9	54	30	2.4 J	23	1.4	12	4.4	8.2	1.3	1	<0.072 U	0.5	1.5	30	7.6	5.2	1.5
Benzo(k)fluoranthene		56	28	5.6	24	0.37	9.7	3	26	15	2.4	13	1.3	7.5	2.8	5.7	0.94	0.79	<0.099 U	0.36	0.58	17	4.3	3	0.6
Benzoic Acid			<5.5 U	<0.54 U	<6.9 U	<0.21 U	<0.63 U	<0.63 U	<2.9 U	<0.62 U	<3.4 U	<0.64 U	<0.68 U	<3.3 U	<0.61 U	<1.1 U	<0.73 U	<0.61 U	<0.62 U	<0.6 U	<0.63 U	<6 U	<0.52 U	<3.2 U	<0.65 U
Benzyl Alcohol			<1.6 U	<0.16 U	<2.1 U	<0.064 U	<0.19 U	<0.19 U	<0.88 U	<0.19 U	<1 U	<0.19 U	<0.21 U	<1 U	<0.18 U	<0.32 U	<0.22 U	<0.18 U	<0.19 U	<0.18 U	<0.19 U	<1.8 U	<0.16 U	<0.96 U	<0.2 U
Biphenyl			1 J	0.93 J	14 J	0.13 J	7.4	1.8	36	16	18	9.9	0.9 J	12	2.6	2.4	0.54 J	0.43 J	<0.08 U	0.087 J	0.13 J	11 J	1.6	0.46 J	0.9 J
Bis(2-chloroethoxy)methane			<0.54 U	<0.053 U	<0.68 U	<0.021 U	<0.062 U	<0.062 U	<0.29 U	<0.061 U	<0.34 U	<0.064 U	<0.068 U	<0.33 U	<0.06 U	<0.1 U	<0.072 U	<0.061 U	<0.062 U	<0.059 U	<0.063 U	<0.59 U	<0.052 U	<0.32 U	<0.064 U
Bis(2-chloroethyl)ether			<0.73 U	<0.072 U	<0.92 U	<0.028 U	<0.084 U	<0.084 U	<0.39 U	<0.082 U	<0.46 U	<0.086 U	<0.092 U	<0.45 U	<0.082 U	<0.14 U	<0.098 U	<0.082 U	<0.084 U	<0.08 U	<0.085 U	<0.8 U	<0.07 U	<0.43 U	<0.087 U
Bis(2-chloroisopropyl)ether			<0.92 U	<0.091 U	<1.2 U	<0.036 U	<0.1 U	<0.11 U	<0.49 U	<0.1 U	<0.58 U	<0.11 U	<0.12 U	<0.56 U	<0.1 U	<0.18 U	<0.12 U	<0.1 U	<0.1 U	<0.1 U	<0.11 U	<1 U	<0.088 U	<0.54 U	<0.11 U
Bis(2-ethylhexyl)phthalate			<1.9 U	<0.18 U	<2.4 U	<0.072 U	<0.21 U	<0.22 U	<1 U	<0.21 U	<1.2 U	<0.22 U	<0.23 U	<1.1 U	<0.21 U	<0.36 U	<0.25 U	<0.21 U	<0.21 U	<0.2 U	<0.22 U	<2 U	<0.18 U	<1.1 U	<0.22 U
Butyl benzyl phthalate			<1.4 U	<0.13 U	<1.7 U	<0.052 U	<0.16 U	<0.16 U	<0.73 U	<0.15 U	<0.86 U	<0.16 U	<0.17 U	<0.83 U	<0.15 U	<0.26 U	<0.18 U	<0.15 U	<0.16 U	<0.15 U	<0.16 U	<1.5 U	<0.13 U	<0.79 U	<0.16 U
Carbazole			14	3.6	23	0.23	18	3.1	46	17	1.8 J	10	0.99	12	6.4	8.7	1.5	1.3	<0.06 U	0.3 J	0.45 J	34	4	0.95 J	1.1
Chrysene		56	71	15	55	0.67	50	8.3	77	60	4.8	53	3.1	25	7.8	16	2.7	2.6	0.072 J	0.93	1.6	53	13	5.5	1.5
Di-n-butylphthalate			<1 U	<0.1 U	<1.3 U	<0.04 U	<0.12 U	<0.12 U	<0.55 U	<0.12 U	<0.64 U	<0.12 U	<0.13 U	<0.62 U	<0.11 U	<0.2 U	<0.14 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<1.1 U	6.1	<0.6 U	<0.12 U
Di-n-octylphthalate			<1.8 U	<0.18 U	<2.3 U	<0.071 U	<0.21 U	<0.21 U	<0.98 U	<0.21 U	<1.2 U	<0.22 U	<0.23 U	<1.1 U	<0.2 U	<0.36 U	<0.25 U	<0.21 U	<0.21 U	<0.2 U	<0.21 U	<2 U	<0.18 U	<1.1 U	<0.22 U
Dibenzo(a,h)anthracene	0.56		12	2.1	6.4	0.76	5	0.99	15	7.9	0.65 J	6	0.37 J	3.6	1.1	2.4	0.41 J	0.31 J	<0.071 U	0.14 J	0.26 J	9.1	1.8	1.4 J	0.34 J
Dibenzofuran	350		5.9	4.5	48	0.38	38	5.7	99	97	86	89	3.4	45	9.4	16	2.4	1.5	<0.058 U	0.32 J	0.38 J	41	6.1	1.4 J	1.2
Diethyl phthalate			<0.5 U	<0.049 U	<0.63 U	<0.019 U	<0.057 U	<0.058 U	<0.27 U	<0.056 U	<0.32 U	<0.059 U	<0.063 U	<0.3 U	<0.056 U	<0.098 U	<0.067 U	<0.056 U	<0.057 U	<0.055 U	<0.058 U	<0.55 U	<0.048 U	<0.29 U	<0.059 U
Dimethyl phthalate			<1.1 U	<0.11 U	<1.4 U	<0.044 U	<0.13 U	<0.13 U	<0.6 U	<0.13 U	<0.72 U	<0.13 U	<0.14 U	<0.69 U	<0.13 U	<0.22 U	<0.15 U	<0.13 U	<0.13 U	<0.12 U	<0.13 U	<1.2 U	<0.11 U	<0.66 U	<0.13 U
Fluoranthene	500		150	56	160	1.6	130	22	370	190	17	150	7.9	83	40	72	8.8	6.1	0.12 J	1.8	3.2	150	39	9.2	3.1
Fluorene	500		8.7	7.6	69	0.52	56	8.7	160	63	21	57	3	34	15	24	4.4	2.3	0.075 J	0.43 J	0.49 J	65	10	1.7 J	1.5
Hexachlorobenzene	6		<0.6 U	<0.06 U	<0.76 U	<0.023 U	<0.069 U	<0.07 U	<0.32 U	<0.068 U	<0.38 U	<0.071 U	<0.076 U	<0.37 U	<0.067 U	<0.12 U	<0.081 U	<0.068 U	<0.069 U	<0.066 U	<0.07 U	<0.66 U	<0.058 U	<0.35 U	<0.072 U
Hexachlorobutadiene			<0.79 U	<0.078 U	<1 U	<0.03 U	<0.09 U	<0.091 U	<0.42 U	<0.089 U	<0.5 U	<0.093 U	<0.099 U	<0.48 U	<0.088 U	<0.15 U	<0.11 U	<0.089 U	<0.09 U	<0.086 U	<0.091 U	<0.87 U	<0.075 U	<0.46 U	<0.094 U
Hexachlorocyclopentadiene			<4.9 U	<0.48 U	<6.2 U	<0.19 U	<0.56 U	<0.56 U	<2.6 U	<0.55 U	<3.1 U	<0.58 U	<0.61 U	<3 U	<0.54 U	<0.96 U	<0.66 U	<0.55 U	<0.56 U	<0.54 U	<0.57 U	<5.4 U	<0.47 U	<2.8 U	<0.58 U
Hexachloroethane			<0.87 U	<0.086 U	<1.1 U	<0.034 U	<0.1 U	<0.1 U	<0.47 U	<0.098 U	<0.55 U	<0.1 U	<0.11 U	<0.53 U	<0.097 U	<0.17 U	<0.12 U	<0.098 U	<0.1 U	<0.096 U	<0.1 U	<0.96 U	<0.083 U	<0.51 U	<0.1 U
Indeno(1,2,3-cd)pyrene	5.6		69	9	27	2.7	16	4.6	53	29	2.8	24	1.6	12	5.6	8	1.7	1.2	<0.086 U	0.56	1.4	28	9.6	4.8	1.8
Isophorone			<0.7 U	<0.069 U	<0.88 U	<0.027 U	<0.08 U	<0.081 U	<0.37 U	<0.079 U	<0.44 U	<0.082 U	<0.088 U	<0.43 U	<0.078 U	<0.14 U	<0.094 U	<0.079 U	<0.08 U	<0.077 U	<0.081 U	<0.77 U	<0.067 U	<0.41 U	<0.083 U
n-Nitrosodi-n-propylamine			<0.83 U	<0.082 U	<1 U	<0.032 U	<0.096 U	<0.096 U	<0.44 U	<0.094 U	<0.52 U	<0.098 U	<0.1 U	<0.51 U	<0.093 U	<0.16 U	<0.11 U	<0.094 U	<0.095 U	<0.091 U	<0.096 U	<0.92 U	<0.08 U	<0.49 U	<0.099 U
Naphthalene	500		33	41	480	15	320	120	2100	260	57	96	47	790	<0.073 U	230	58	38	0.44 J	6.3	13	1500	260	48	580
NDPA/DPA			<0.62 U	<0.061 U	<0.77 U	<0.024 U	<0.07 U	<0.071 U	<0.33 U	<0.069 U	<0.39 U	<0.072 U	<0.077 U	<0.38 U	<0.068 U	<0.12 U	<0.082 U	<0.069 U	<0.07 U	<0.067 U	<0.071 U	<0.68 U	<0.059 U	<0.36 U	<0.073 U
Nitrobenzene			<0.8 U	<0.079 U	<1 U	<0.031 U	<0.092 U	<0.092 U	<0.43 U	<0.09 U	<0.5 U	<0.094 U	<0.1 U	<0.49 U	<0.089 U	<0.16 U	<0.11 U	<0.09 U	<0.091 U	<0.088 U	<0.092 U	<0.88 U	<0.076 U	<0.47 U	<0.095 U
p-Chloro-m-cresol			<0.8 U	<0.079 U	<1 U	<0.031 U	<0.092 U	<0.093 U	<0.43 U	<0.091 U	<0.51 U	<0.095 U	<0.1 U	<0.49 U	<0.09 U	<0.16 U	<0.11 U	<0.09 U	<0.092 U	<0.088 U	<0.093 U	<0.88 U	<0.077 U	<0.47 U	<0.096 U
Pentachlorophenol	6.7		<1.2 U	<0.12 U	<1.5 U	<0.046 U	<0.14 U	<0.14 U	<0.63 U	<0.13 U	<0.75 U	<0.14 U	<0.15 U	<0.73 U	<0.13 U	<0.23 U	<0.16 U	<0.13 U	<0.14 U	<0.13 U	<0.14 U	<1.3 U	<0.11 U	<0.69 U	<0.14 U
Phenanthrene		500	36	32	190	1.8	170	44	520	200	23	160	7.9	100	62	100	12	7.5	0.15 J	1.4	2.2	190	45	6.8	3.3
Phenol		500	7.9	12	8.4	0.59	4.1	0.35 J	1.8 J	8.1	8.8	20	2.6	56	23	1.2	4.4	4.2	<0.093 U	0.34 J	0.4 J	2.3 J	1.9	1 J	2.8
Pyrene		500	110	41	110	1.2	90	16	260	130	12	100	5.5	58	18	36	5.7	4.2	0.097 J	1.3	2.4	100	27	7.5	2.2
Total SVOCs			926.4 -	263.91 -	1512.7 -	33.48 -	790.76 -	222.52 -	2696.2 -	1219.59 -	398.32 -	861.36 -	100.17 -	1122.1 -	253.84 -	490.1 -	117.45 -	82.21 -	1.029 -	19.577 -	36.1 -	1880.2 -	323.3 -	130.39 -	254.89 -
POLYCHLORINATED BIPHENYLS BY GC																									
Aroclor 1016		1	-	<0.00474 U	-	<0.00541 U	-	<0.00538 U	-	<0.00539 U	-	<0.00534 U	-	-	<0.00524 U	-	<0.00671 U	<0.0058 U	-	<0.00541 U	<0.00545 U	-	-	<0.00545 U	<0.00574 U
Aroclor 1221		1	-	<0.00535 U	-	<0.00611 U	-	<0.00607 U	-	<0.00608 U	-	<0.00602 U	-	-	<0.00592 U	-	<0.00757 U	<0.00655 U	-	<0.00611 U	<0.00614 U	-	-	<0.00615 U	<0.00648 U
Aroclor 1232		1	-	<0.0113 U	-	<0.0129 U	-	<0.0128 U	-	<0.0129 U	-	<0.0127 U	-	-	<0.0125 U	-	<0.016 U	<0.0138 U	-	<0.0129 U	<0.013 U	-	-	<0.013 U	<0.0137 U
Aroclor 1242		1	-	<0.0072 U	-	<0.00822 U	-	<0.00816 U	-	<0.00819 U	-	<0.0081 U	-	-	<0.00796 U	-	<0.0102 U	<0.00881 U	-	<0.00822 U	<0.00827 U	-	-	<0.00828 U	0.0425 J
Aroclor 1248		1	-	<0.00801 U	-	<0.00914 U	-	<0.00908 U	-	<0.00911 U	-	<0.00902 U	-	-	<0.00886 U	-	<0.0113 U	<0.0098 U	-	<0.00915 U	0.012 J	-	-	0.0097 J	<0.0097 U
Aroclor 1254		1	-	<0.00584 U	-	<0.00667 U	-	<0.00663 U	-	<0.00664 U	-	0.0272 J	-	-	<0.00646 U	-	<0.00826 U	<0.00715 U	-	<0.00667 U	0.0133 J	-	-	0.00973 J	0.0192 J
Aroclor 1260		1	-	<0.00987 U	-	<0.0113 U	-	<0.0112 U	-	0.0162 J	-	0.0152 J	-	-	<0.0109 U	-	<0.014 U	<0.0121 U	-	<0.0113 U	<0.0113 U	-	-	<0.0113 U	<0.012 U
Aroclor 1262		1	-	<0.00678 U	-	<0.00774 U	-	<0.00769 U	-	<0.00771 U	-	<0.00763 U	-	-	<0.0075 U	-	<0.00959 U	<0.0083 U	-	<0.00774 U	<0.00779 U	-	-	<0.0078 U	<0.00821 U
Aroclor 1268		1	-	<0.00553 U	-	<0.00632 U	-	<0.00627 U	-	<0.00629 U	-	<0.00623 U	-	-	<0.00612 U	-	<0.00783 U	<0.00677 U	-	<0.00632 U	<0.00635 U	-	-	<0.00636 U	<0.0067 U
PCBs, Total		1	-	<0.00474 U	-	<0.00541 U	-	<0.00538 U	-	0.0162 J	-	0.0424 J	-	-	<0.00524 U	-	<0.00671 U	<0.0058 U	-	<0.00541 U	0.0253 J	-	-	0.0194 J	0.0617 J

Table 2
Secondary Containment Closure Construction Completion Report
Weak Ammonia Liquor Area Tanks ST01, ST02, PT02, and PT03
Riverview Innovation & Technology Campus, Inc.
Tonawanda, New York

ANALYTE			SAMPLE ID:	WAL-01-07252023		WAL-02-07252023		WAL-03-07252023		WAL-04-07252023		WAL-05-07252023		WAL-06-07252023		WAL-07-07252023		WAL-08-07252023		WAL-09-07252023		WAL-10-07252023		WAL-11-07252023		WAL-12-07252023		WAL-13-07252023		WAL-14-07252023		WAL-15-07252023		WAL-16-07252023		WAL-17-07252023		WAL-18-07252023		WAL-19-07252023		WAL-20-07252023		WAL-21-07252023		WAL-22-07252023		WAL-23-07252023	
			LAB ID:	L2342740-01		L2342740-02		L2342740-03		L2342740-04		L2342740-05		L2342740-06		L2342740-07		L2342740-08		L2342740-09		L2342740-10		L2342740-11		L2342740-12		L2342740-13		L2342740-14		L2342740-15		L2342740-16		L2342740-17		L2342740-18		L2342740-19		L2342740-20		L2342740-21		L2342740-22		L2342740-23	
			COLLECTION DATE:	7/13/2023		7/13/2023		7/14/2023		7/13/2023		7/13/2023		7/14/2023		7/14/2023		7/17/2023		7/17/2023		7/17/2023		7/17/2023		7/17/2023		7/14/2023		7/14/2023		7/14/2023		7/24/2023		7/24/2023		7/19/2023		7/19/2023		7/18/2023		7/25/2023		7/19/2023		7/19/2023	
			SAMPLE DEPTH:	2' BGS		4' BGS		4' BGS		2' BGS		3' BGS		4' BGS		4' BGS		4' BGS		4' BGS		4' BGS		4' - 5' BGS		3' - 4' BGS		5' BGS		4' BGS		5' BGS		5' BGS		5' BGS		2' BGS		4' BGS		5' BGS		4' BGS		4' BGS		4' BGS	
			SAMPLE MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
			SAMPLE LOCATION:	NW CORNER		NE CORNER		WESTERN MOST FORMER TANK PAD		WESTERN MOST FORMER TANK PAD		SW EDGE		PT02 PAD		PT02 PAD		NORTH END OF ST01 AND ST02		CENTER OF ST01 AND ST02		SOUTH OF ST01 AND ST02		SOUTH WALL		SOUTH MIDDLE		BETWEEN PT02 AND PT03		BETWEEN AND NORTH OF PT02 AND PT03		NORTH CORNER ON LOA BORDER		PT03 SUMP (NORTH)		CENTER OF PT03		SE WALL (SE OF PT03)		SE WALL (EAST OF PT03)		UNDER PADS IN NE WAL AREA		UNDER PADS IN NE WAL AREA (NORTH OF WAL-21)		NE CORNER		NE CORNER (EAST OF WAL-20)	
	EPA TCLP	PART 375 COMMERICAL SCOs		(mg/l)	(mg/kg)																																									
TOTAL METALS																																															
Aluminum, Total				5140		5670		10000		3080		2910		17000		4640		13000		16900		11800		12000		12000		11400		14000		16100		41800		14100		12800		11300		7580		9680		6510		3710	
Antimony, Total				<0.386	U	<0.32	U	<0.432	U	<0.373	U	<0.393	U	<0.388	U	<0.353	U	<0.375	U	<0.421	U	<0.39	U	<0.398	U	<0.399	U	<0.376	U	<0.371	U	<0.448	U	<0.385	U	<0.386	U	<0.378	U	<0.394	U	<0.383	U	1.04	J	0.788	J	4.02	J
Arsenic, Total		16		8.35		3.23		8.6		2.55		4.08		4.03		6.01		9.14		2.87		8.3		7.2		5.44		4.06		6.28		5.12		4.56		4		7.88		6.47		7.7		5.86		10.1		8.44	
Barium, Total		400		62.5		60.6		102		20.2		40.3		94.6		61.3		152		115		123		96		128		124		139		165		116		105		97.8		94.9		105		94.8		73.2		66.2	
Beryllium, Total		590		0.726		0.482		0.681		0.141	J	0.284	J	0.689		0.293	J	0.98		0.947		1.02		0.654		0.858		0.605		0.79		1.11		4.12		0.85		1.06		0.487	J	0.649		1.08		0.631		0.581	
Cadmium, Total		9.3		0.584	J	0.184	J	0.117	J	<0.096	U	<0.101	U	<0.1	U	0.184	J	0.274	J	<0.109	U	<0.1	U	<0.103	U	0.172	J	<0.097	U	<0.096	U	<0.116	U	<0.099	U	<0.1	U	<0.098	U	0.526	J	0.282	J	0.306	J	0.39	J	0.765	J
Calcium, Total				71300		70900		24100		2890		8630		7930		10100		28800		19700		20800		19900		14100		13700		4500		34700		160000		12500		32600		16900		69200		54600		19900		26500	
Chromium, Total				27		9.07		21.1		6.68		5.61		17.7		13.8		20		14.4		26.7		26		21		15.7		24		19.6		7.61		17.8		13.5		21.1		23.1		11.7		11		13	
Cobalt, Total				5.04		2.97		6.88		4.04		2	J	10.2		3.2		9.73		5.34		5.32		7.99		6.42		4.19		8.36		4.6		2.54		7.53		6.97		9.93		3.38		3.16		5.42		7.53	
Copper, Total		270		57.8		25		39.2		9.08		9.52		22		29.5		46.5		18.8		69.9		97.1		63		19.9		40.4		25.6		7.46		18.2		17.7		30.9		60.5		20.8		23.9		45.2	
Iron, Total				38000		13000		47100		24700		5960		22300		40200		28200		23700		30100		29000		26000		18100		27700		33600		20200		22400		19200		29800		30300		18800		18300		61400	
Lead, Total		1000		125		64		136		4.7	J	15.1		22.6		180		92.4		50.4		125		45.7		201		42.8		57.7		62		12.5		21.3		26.4		56.5		130		43.7		56.6		34	
Magnesium, Total				35800		35200		5540		1490		1680		3340		1320		10500		6220		5050		5560		4560		3240		4800		7520		7080		5480		7220		5440		27100		10800		3780		6740	
Manganese, Total		10000		382		340		626		412		121		460		1080		545		416		1090		1160		441		226		261		1020		951		355		705		541		552		1210		293		626	
Mercury, Total		2.8		4.34		4.26		8.08		0.207		0.514		<0.06	U	0.071	J	2.65		0.522		1.11		0.187		2.42		0.29		0.191		1.23		1.81		<0.064	U	0.081	J	0.883		4.84		2.13		0.738		0.222	
Nickel, Total		310		17.5		8.88		24.3		7.02		4.82		14.4		6.3		22.4		11.7		15.5		19.7		16		10.8		23.3		11.2		5.12		19		15.5		21.1		12.9		7.56		10.6		18.6	
Potassium, Total				572		685		918		304		409		1260		566		1240		1660		1840		941		1980		1240		1360		1740		1880		1020		1140		818		971		937		1240		365	
Selenium, Total		1500		2.1		1.72		2.15	J	<0.253	U	0.422	J	<0.263	U	0.449	J	1.7	J	0.398	J	0.776	J	0.637	J	1.1	J	0.946	J	0.406	J	0.812	J	2.02	J	0.6	J	0.733	J	0.756	J	1.01	J	1.01	J	2.88		0.309	J
Silver, Total		1500		0.363	J	<0.238	U	<0.322	U	<0.278	U	<0.293	U	<0.289	U	<0.263	U	<0.279	U	<0.314	U	0.295	J	<0.296	U	<0.297	U	<0.28	U	0.315	J	0.396	J	<0.287	U	<0.288	U	<0.282	U	<0.293	U	0.311	J	<0.24	U	<0.284	U	<0.28	U
Sodium, Total				239		840		1200		1590		3800		375		244		4740		16100		9510		2420		8370		1010		642		5180		5230		213		810		860		1310		476		1960		357	
Thallium, Total				1.41	J	0.508	J	<0.358	U	<0.309	U	0.432	J	<0.321	U	1.02	J	0.64	J	0.427	J	0.673	J	<0.33	U	0.337	J	0.313	J	0.52	J	<0.372	U	<0.319	U	<0.32	U	<0.313	U	<0.326	U	<0.318	U	<0.268	U	<0.316	U	0.964	J
Vanadium, Total				13.2		10.3		21		16		6.31		26.1		21.1		23.6		19.8		37		38.5		21		20.4		24.9		16.7		10.5		23.6		17.6		20.1		11.7		10.5		14		6.56	
Zinc, Total		10000		82.1		60.3		87.6		22		19.6		77.8		33.1		80.9		60.4		105		68.2		75.1		45.9		67.7		64		45.3		57.8		47.2		296		83.1		41.1		66.9		53	
GENERAL CHEMISTRY																																															
Cyanide, Reactive				-		-		-		-		-		-		<10	U	-		-		-		-		-		<10	U	-		-		<10	U	-		-		-		-		-		<10	U	-	-
Cyanide, Total		27		4.2		1.2		15		1.5		18		<0.25	U	0.31	J	3.4		2.2		3.7		0.84	J	2.4		3.7		3.4		0.91	J	12		<0.26	U	4.2		1.6		2.8		3.4		0.66	J	4.3	
Nitrogen, Ammonia				13		58		440		58		69		250		180		39		38		120		550		76		220		300		510		430		83		74		150		82		88		38		31	
pH (H)				-		-		-		-		-		-		8.01		-		-		-		-		-		8.18		-		-		9.55		-		-		-		-		-		8.67		-	-
Solids, Total				76		91.7		69.1		79.1		73.8		78.1		82.7		78.7		69.2		77.6		73.5		73.4		78.2		78.6		64.7		75.9		78.3		80		75.2		79.1		89.8		76.4		77	
Sulfide, Reactive				-		-		-		-		-		-		<10	U	-		-		-		-		-		<10	U	-		-		120		-		-		-		-		-		10		-	-
IGNITABILITY OF SOLIDS																																															
Ignitability				-		-		-		-		-		-		NI		-		-		-		-		-		NI		-		-		NI		-		-		-		-		-		NI		-	-
TCLP VOLATILES BY EPA 1311																																															
1,1-Dichloroethene	0.7			-		-		-		-		-		-		<0.0017	U	-		-		-		-		-		<0.0017	U	-		-		<0.0017	U	-		-		-		-		-		<0.0017	U	-	-
1,2-Dichloroethane	0.5			-		-		-		-		-		-		<0.0013	U	-		-		-		-		-		<0.0013	U	-		-		<0.0013	U	-		-		-		-		-		<0.0013	U	-	-
1,4-Dichlorobenzene	7.5			-		-		-		-		-		-		<0.0019	U	-		-		-		-		-		<0.0019	U	-		-		<0.0019	U	-		-		-		-		-		<0.0019	U	-	-
2-Butanone	200			-		-		-		-		-		-		<0.019	U	-		-		-		-		-		<0.019	U	-		-		<0.019	U	-		-		-		-		-		<0.019	U	-	-
Benzene	0.5			-		-		-		-		-		-		0.38		-		-		-		-		-		4.9		-		-		0.16		-		-		-		-		-		2.3		-	-
Carbon tetrachloride	0.5			-		-		-		-		-		-		<0.0013	U	-		-		-		-		-		<0.0013	U	-		-		<0.0013	U	-		-		-		-		-		<0.0013	U	-	-
Chlorobenzene	100			-		-		-		-		-		-		<0.0018	U	-		-		-		-		-		<0.0018	U	-		-		<0.0018	U	-		-		-		-		-		<0.0018	U	-	-
Chloroform	6			-		-		-		-		-		-		<0.0022	U	-		-		-		-		-		<0.0022	U	-		-		<0.0022	U	-		-		-		-		-		<0.0022	U	-	-
Tetrachloroethene	0.7			-		-		-		-		-		-		<0.0018	U	-		-		-		-		-		<0.0018	U	-		-		<0.0018	U	-		-		-		-		-		<0.0018	U	-	-
Trichloroethene	0.5			-		-		-		-		-		-		<0.0018	U	-		-		-		-		-		<0.0018	U	-		-		<0.0018	U	-		-		-		-		-		<0.0018	U	-	-
Vinyl chloride	0.2			-		-		-		-		-		-		<0.00071	U	-		-		-		-		-		<0.00071	U	-		-		<0.00071	U	-		-		-		-		-		<0.00071	U	-	-
TCLP SEMIVOLATILES BY EPA 1311																																															
2,4,5-Trichlorophenol	400			-		-		-		-		-		-		<0.0019	U	-		-		-		-		-		<0.0019	U	-		-		<0.0019	U	-		-		-		-		-		<0.0019	U	-	-
2,4,6-Trichlorophenol	2			-		-		-		-		-		-		<0.0025	U	-		-		-		-		-		<0.0025	U	-		-		<0.0025	U	-		-		-		-		-		<0.0025	U	-	-
2,4-Dinitrotoluene	0.13			-		-		-		-		-		-		<0.0019	U	-		-		-		-		-		<0.0019	U	-		-		<0.0019	U	-		-		-		-		-		<0.0019	U	-	-
2-Methylphenol	200			-		-		-		-		-		-		0.17		-		-		-		-		-		0.27		-		-		0.082		-		-		-		-		-		<0.0055	U	-	-
3-Methylphenol/4-Methylphenol	200			-		-		-		-		-		-		0.28		-		-		-		-		-		0.69		-		-		0.19		-		-		-		-		-		<0.0028	U	-	-
Hexachlorobenzene	0.13			-		-		-		-		-		-		<0.0034	U	-		-		-		-		-		<0.0034	U	-		-		<0.0034	U	-		-		-		-		-		<0.0034	U	-	-
Hexachlorobutadiene	0.5			-		-		-		-		-		-		<0.003	U	-		-		-		-		-		<0.003	U	-		-		<0.003	U	-		-		-		-		-		<0.003	U	-	-
Hexachloroethane	3			-		-		-		-		-		-		<0.0022	U	-		-		-		-		-		<0.0022	U	-		-		<0.0022	U	-		-		-		-		-		<0.0022	U	-	-
Nitrobenzene	2			-		-		-		-		-		-		<0.0033	U	-		-		-		-		-		<0.0033	U	-		-		<0.0033	U	-		-		-		-		-		<0.0033	U	-	-
Pentachlorophenol	100			-		-		-		-		-		-		<0.0098	U	-		-		-		-		-		<0.0098	U	-		-		<0.0098	U	-		-		-		-		-		<0.0098	U	-	-
Pyridine	5			-		-		-		-		-		-		<0.0045	U	-		-		-		-		-		<0.0045	U	-		-		<0.0045	U	-		-		-		-		-		<0.0045	U	-	-
TCLP HERBICIDES BY EPA 1311																																															
2,4,5-TP (Silvex)	1			-		-		-		-		-		-		<0.001	U	-		-		-		-		-		<0.001	U	-		-		<0.001	U	-		-		-		-		-		<0.001	U	-	-
2,4-D	10			-		-		-		-		-		-		<0.001	U	-		-		-		-		-		<0.001	U	-		-		<0.001	U	-		-		-		-		-		<0.001	U	-	-
TCLP PESTICIDES BY EPA 1311																																															
Chlordane	0.03			-		-		-		-		-		-		<0.000232	U	-		-		-		-		-		<0.000232	U	-		-		<0.000232	U	-		-		-		-		-		<0.000232	U	-	-
Endrin	0.02			-		-		-		-		-		-		<0.000021	U	-		-		-		-		-		<0.000021	U	-		-		<0.000021	U	-		-		-		-		-		<0.000021	U	-	-
Heptachlor	0.008			-		-		-		-		-		-		<0.000016	U	-		-		-		-		-		<0.000016	U	-		-		<0.000016	U	-		-		-		-		-		<0.000016	U	-	-
Heptachlor epoxide	0.008			-		-		-		-		-		-		<0.000021	U	-		-		-		-		-		<0.000021	U	-		-		<0.000021	U	-		-		-		-		-		<0.000021	U	-	-
Lindane	0.4			-		-		-		-		-		-		<0.000022	U	-		-		-		-		-		<0.000022	U	-		-		<0.000022	U	-		-		-		-		-		<0.000022	U	-	-
Methoxychlor	10			-		-		-		-		-		-		<0.000034	U	-		-		-		-		-		<0.000034	U	-		-		<0.000034	U	-		-		-		-		-		<0.000034	U	-	-
Toxaphene	0.5			-		-		-		-		-		-		<0.000314	U	-		-		-		-		-		<0.000314	U	-		-		<0.000314	U	-		-		-		-		-		<0.000314	U	-	-
TCLP METALS BY EPA 1311																																															
Arsenic, TCLP	5			-		-		-		-		-		-		<0.019	U	-		-		-		-		-		<0.019	U	-		-		<0.019	U	-		-		-		-		-		<0.019	U	-	-
Barium, TCLP	100			-		-		-		-		-		-		0.61		-		-		-		-		-		0.949		-		-		1.13		-		-		-		-		-		0.526		-	-
Cadmium, TCLP	1			-		-		-		-		-		-		<0.01	U	-		-		-		-		-		<0.01	U	-		-		<0.01	U	-		-		-		-		-		<0.01	U	-	-
Chromium, TCLP	5			-		-		-		-		-		-		<0.021	U	-		-		-		-		-		<0.021	U	-		-		<0.021	U	-		-		-		-		-		<0.021	U	-	-
Lead, TCLP	5			-		-		-		-		-		-		0.04	J	-		-		-		-		-		<0.027	U	-		-		<0.027	U	-		-		-		-		-		<0.027	U	-	-
Mercury, TCLP	0.2			-		-		-		-		-		-		<0.0005	U	-		-		-		-		-		<0.0005	U	-		-		<0.0005	U	-		-		-		-		-		<0.0005	U	-	-
Selenium, TCLP	1			-		-		-		-		-		-		<0.035	U	-		-		-		-		-		<0.035	U	-		-		<0.035	U	-		-		-		-		-		<0.035	U	-	-
Silver, TCLP	5			-		-		-		-		-		-		<0.028	U	-		-		-		-		-		<0.028	U	-		-		<0.028	U	-		-		-		-		-		<0.028	U	-	-

* 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.
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 3
Secondary Containment Closure Construction Completion Report
Weak Ammonia Liquor Area
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

Table 3
Secondary Containment Closure Construction Completion Report
Weak Ammonia Liquor Area
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	500	0.075	
p-Isopropyltoluene	390	0.029	J
p/m-Xylene	500	**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

Table 3
Secondary Containment Closure Construction Completion Report
Weak Ammonia Liquor Area
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)		
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 3
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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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Secondary Containment Closure Construction Completion Report
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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)		
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:	L2342740
Client:	Inventum Engineering 441 Carlisle Drive Suite C Herndon, NY 20170
ATTN:	John Black
Phone:	(571) 752-6562
Project Name:	RITC
Project Number:	SECONDARY CNTS.-WAL
Report Date:	08/15/23

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

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

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2342740-01	WAL-01-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 10:25	07/25/23
L2342740-02	WAL-02-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 10:30	07/25/23
L2342740-03	WAL-03-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 10:35	07/25/23
L2342740-04	WAL-04-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 10:40	07/25/23
L2342740-05	WAL-05-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 10:45	07/25/23
L2342740-06	WAL-06-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 10:50	07/25/23
L2342740-07	WAL-07-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 10:55	07/25/23
L2342740-08	WAL-08-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 11:00	07/25/23
L2342740-09	WAL-09-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 11:05	07/25/23
L2342740-10	WAL-10-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 11:10	07/25/23
L2342740-11	WAL-11-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 11:15	07/25/23
L2342740-12	WAL-12-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 11:20	07/25/23
L2342740-13	WAL-13-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 11:25	07/25/23
L2342740-14	WAL-14-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 11:30	07/25/23
L2342740-15	WAL-15-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 11:35	07/25/23
L2342740-16	WAL-16-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 11:40	07/25/23
L2342740-17	WAL-17-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 11:45	07/25/23
L2342740-18	WAL-18-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 11:50	07/25/23
L2342740-19	WAL-19-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 11:55	07/25/23
L2342740-20	WAL-20-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 12:00	07/25/23
L2342740-21	WAL-21-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 12:05	07/25/23
L2342740-22	WAL-22-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 12:10	07/25/23
L2342740-23	WAL-23-07252023	SOIL	3875 RIVER ROAD, TONAWANDA	07/25/23 12:15	07/25/23

Project Name:	RITC	**Lab Number:**	L2342740
Project Number:	SECONDARY CNTS.-WAL	**Report Date:**	08/15/23

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	**Lab Number:**	L2342740
Project Number:	SECONDARY CNTS.-WAL	**Report Date:**	08/15/23

Case Narrative (continued)

Report Submission

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

Semivolatile Organics

L2342740-01D: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

L2342740-02, -03D, -05, -06, -08, -09D, -10, -11, -12D, -13, -15, -16, -17, -18, -19, and -20D: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

L2342740-03D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2342740-07D, -21, and -23: The sample has elevated detection limits due to limited sample volume available for analysis.

The WG1810865-2/-3 LCS/LCSD recoveries, associated with L2342740-21, -21D, -22D, -23, and -23D, are below the acceptance criteria for hexachlorocyclopentadiene (3%/2%), 2,4-dinitrophenol (0%/0%), 4,6-dinitro-o-cresol (0%/0%), and benzoic acid (LCSD at 0%); however, they have been identified as "difficult" analytes. The results of the associated samples are reported.

Total Metals

L2342740-01 through -23: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2342740-01, -02, -03, and -20: The sample has an elevated detection limit for mercury due to the dilution required by the sample matrix.

The WG1809947-3 MS recoveries for aluminum (487%), iron (0%), magnesium (1860%), and manganese (62%), performed on L2342740-01, do not apply because the sample concentrations are greater than four

Case Narrative (continued)

times the spike amounts added.
The WG1809947-3 MS recoveries, performed on L2342740-01, are outside the acceptance criteria for chromium (41%), copper (62%), potassium (136%) and zinc (71%). A post digestion spike was performed and was within acceptance criteria.
The WG1809947-3 MS recovery for calcium (2670%), performed on L2342740-01, does not apply because the sample concentration is greater than four times the spike amount added.
The WG1809947-4 Laboratory Duplicate RPDs for aluminum (31%), arsenic (57%), beryllium (34%), calcium (66%), chromium (78%), cobalt (54%), copper (47%), iron (82%), lead (24%), magnesium (21%), manganese (35%), nickel (53%), vanadium (26%) and zinc (29%), performed on L2342740-01, are outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Cyanide, Total
The WG1811571-3 LCSD recovery for cyanide, total (75%), associated with L2342740-01 and -02, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.
The WG1811671-2 LCS recovery for cyanide, total (78%), associated with L2342740-05 through -13, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.
The WG1811672-2/-3 LCS/LCSD recoveries for cyanide, total (78%/71%), associated with L2342740-14 through -22, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.
The WG1811673-2/-3 LCS/LCSD recoveries for cyanide, total (78%/71%), associated with L2342740-23, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.
The WG1811701-2 LCS recovery for cyanide, total (78%), associated with L2342740-03 and -04, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Project Name:	RITC	**Lab Number:**	L2342740
Project Number:	SECONDARY CNTS.-WAL	**Report Date:**	08/15/23

Case Narrative (continued)

The WG1811671-4/-5 MS/MSD recoveries, performed on L2342740-05, are outside the acceptance criteria for cyanide, total (16%/60%). The WG1811671-4/-5 MS/MSD RPD (115%) is above the acceptance criteria.

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: 08/15/23

ORGANICS

VOLATILES

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-06 D2 Date Collected: 07/25/23 10:50
Client ID: WAL-06-07252023 Date Received: 07/25/23
Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/07/23 15:29
Analyst: JIC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	7300	3400	20
1,1-Dichloroethane	ND		ug/kg	1500	210	20
Chloroform	ND		ug/kg	2200	200	20
Carbon tetrachloride	ND		ug/kg	1500	340	20
1,2-Dichloropropane	ND		ug/kg	1500	180	20
Dibromochloromethane	ND		ug/kg	1500	200	20
1,1,2-Trichloroethane	ND		ug/kg	1500	390	20
Tetrachloroethene	ND		ug/kg	730	290	20
Chlorobenzene	ND		ug/kg	730	190	20
Trichlorofluoromethane	ND		ug/kg	5900	1000	20
1,2-Dichloroethane	ND		ug/kg	1500	380	20
1,1,1-Trichloroethane	ND		ug/kg	730	240	20
Bromodichloromethane	ND		ug/kg	730	160	20
trans-1,3-Dichloropropene	ND		ug/kg	1500	400	20
cis-1,3-Dichloropropene	ND		ug/kg	730	230	20
1,3-Dichloropropene, Total	ND		ug/kg	730	230	20
Bromoform	ND		ug/kg	5900	360	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	730	240	20
Benzene	35000		ug/kg	730	240	20
Toluene	13000		ug/kg	1500	800	20
Ethylbenzene	1000	J	ug/kg	1500	210	20
Chloromethane	ND		ug/kg	5900	1400	20
Bromomethane	ND		ug/kg	2900	850	20
Vinyl chloride	ND		ug/kg	1500	490	20
Chloroethane	ND		ug/kg	2900	660	20
1,1-Dichloroethene	ND		ug/kg	1500	350	20
trans-1,2-Dichloroethene	ND		ug/kg	2200	200	20
Trichloroethene	ND		ug/kg	730	200	20

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-06 D2 Date Collected: 07/25/23 10:50

Client ID: WAL-06-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	2900	210	20
1,3-Dichlorobenzene	ND		ug/kg	2900	220	20
1,4-Dichlorobenzene	ND		ug/kg	2900	250	20
Methyl tert butyl ether	ND		ug/kg	2900	290	20
p/m-Xylene	13000		ug/kg	2900	820	20
o-Xylene	2900		ug/kg	1500	430	20
Xylenes, Total	16000		ug/kg	1500	430	20
cis-1,2-Dichloroethene	ND		ug/kg	1500	260	20
1,2-Dichloroethene, Total	ND		ug/kg	1500	200	20
Styrene	650	J	ug/kg	1500	290	20
Dichlorodifluoromethane	ND		ug/kg	15000	1300	20
Acetone	ND		ug/kg	15000	7000	20
Carbon disulfide	ND		ug/kg	15000	6700	20
2-Butanone	ND		ug/kg	15000	3200	20
4-Methyl-2-pentanone	ND		ug/kg	15000	1900	20
2-Hexanone	ND		ug/kg	15000	1700	20
Bromochloromethane	ND		ug/kg	2900	300	20
1,2-Dibromoethane	ND		ug/kg	1500	410	20
n-Butylbenzene	ND		ug/kg	1500	240	20
sec-Butylbenzene	ND		ug/kg	1500	210	20
tert-Butylbenzene	ND		ug/kg	2900	170	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	4400	1500	20
Isopropylbenzene	ND		ug/kg	1500	160	20
p-Isopropyltoluene	ND		ug/kg	1500	160	20
Naphthalene	620000	E	ug/kg	5900	950	20
n-Propylbenzene	ND		ug/kg	1500	250	20
1,2,3-Trichlorobenzene	ND		ug/kg	2900	470	20
1,2,4-Trichlorobenzene	ND		ug/kg	2900	400	20
1,3,5-Trimethylbenzene	2500	J	ug/kg	2900	280	20
1,2,4-Trimethylbenzene	3800		ug/kg	2900	490	20
Methyl Acetate	ND		ug/kg	5900	1400	20
Cyclohexane	ND		ug/kg	15000	800	20
1,4-Dioxane	ND		ug/kg	120000	51000	20
Freon-113	ND		ug/kg	5900	1000	20
Methyl cyclohexane	ND		ug/kg	5900	880	20

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-06 D2 Date Collected: 07/25/23 10:50

Client ID: WAL-06-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	112		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-06 D
Client ID: WAL-06-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:50
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/23 11:25
Analyst: JIC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	560000		ug/kg	15000	2400	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	112		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/04/23 07:57
Analyst: MCM
Percent Solids: 83%
TCLP/SPLP Ext. Date: 08/03/23 09:48

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	380		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	103		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	79		70-130
dibromofluoromethane	116		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07 D2
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/07/23 15:56
Analyst: JIC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	1500000		ug/kg	120000	20000	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	113		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07 D
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/23 11:52
Analyst: JIC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	31000	14000	100
1,1-Dichloroethane	ND		ug/kg	6200	900	100
Chloroform	ND		ug/kg	9300	870	100
Carbon tetrachloride	ND		ug/kg	6200	1400	100
1,2-Dichloropropane	ND		ug/kg	6200	780	100
Dibromochloromethane	ND		ug/kg	6200	870	100
1,1,2-Trichloroethane	ND		ug/kg	6200	1700	100
Tetrachloroethene	ND		ug/kg	3100	1200	100
Chlorobenzene	ND		ug/kg	3100	790	100
Trichlorofluoromethane	ND		ug/kg	25000	4300	100
1,2-Dichloroethane	ND		ug/kg	6200	1600	100
1,1,1-Trichloroethane	ND		ug/kg	3100	1000	100
Bromodichloromethane	ND		ug/kg	3100	680	100
trans-1,3-Dichloropropene	ND		ug/kg	6200	1700	100
cis-1,3-Dichloropropene	ND		ug/kg	3100	980	100
1,3-Dichloropropene, Total	ND		ug/kg	3100	980	100
Bromoform	ND		ug/kg	25000	1500	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	3100	1000	100
Benzene	21000		ug/kg	3100	1000	100
Toluene	12000		ug/kg	6200	3400	100
Ethylbenzene	8500		ug/kg	6200	880	100
Chloromethane	ND		ug/kg	25000	5800	100
Bromomethane	ND		ug/kg	12000	3600	100
Vinyl chloride	ND		ug/kg	6200	2100	100
Chloroethane	ND		ug/kg	12000	2800	100
1,1-Dichloroethene	ND		ug/kg	6200	1500	100
trans-1,2-Dichloroethene	ND		ug/kg	9300	850	100
Trichloroethene	ND		ug/kg	3100	850	100

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07 D
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
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	12000	900	100
1,3-Dichlorobenzene	ND		ug/kg	12000	920	100
1,4-Dichlorobenzene	ND		ug/kg	12000	1100	100
Methyl tert butyl ether	ND		ug/kg	12000	1200	100
p/m-Xylene	17000		ug/kg	12000	3500	100
o-Xylene	5700	J	ug/kg	6200	1800	100
Xylenes, Total	23000	J	ug/kg	6200	1800	100
cis-1,2-Dichloroethene	ND		ug/kg	6200	1100	100
1,2-Dichloroethene, Total	ND		ug/kg	6200	850	100
Styrene	ND		ug/kg	6200	1200	100
Dichlorodifluoromethane	ND		ug/kg	62000	5700	100
Acetone	ND		ug/kg	62000	30000	100
Carbon disulfide	ND		ug/kg	62000	28000	100
2-Butanone	ND		ug/kg	62000	14000	100
4-Methyl-2-pentanone	ND		ug/kg	62000	8000	100
2-Hexanone	ND		ug/kg	62000	7300	100
Bromochloromethane	ND		ug/kg	12000	1300	100
1,2-Dibromoethane	ND		ug/kg	6200	1700	100
n-Butylbenzene	ND		ug/kg	6200	1000	100
sec-Butylbenzene	ND		ug/kg	6200	910	100
tert-Butylbenzene	ND		ug/kg	12000	730	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	19000	6200	100
Isopropylbenzene	800	J	ug/kg	6200	680	100
p-Isopropyltoluene	900	J	ug/kg	6200	680	100
Naphthalene	2100000	E	ug/kg	25000	4000	100
n-Propylbenzene	ND		ug/kg	6200	1100	100
1,2,3-Trichlorobenzene	ND		ug/kg	12000	2000	100
1,2,4-Trichlorobenzene	ND		ug/kg	12000	1700	100
1,3,5-Trimethylbenzene	5700	J	ug/kg	12000	1200	100
1,2,4-Trimethylbenzene	11000	J	ug/kg	12000	2100	100
Methyl Acetate	ND		ug/kg	25000	5900	100
Cyclohexane	ND		ug/kg	62000	3400	100
1,4-Dioxane	ND		ug/kg	500000	220000	100
Freon-113	ND		ug/kg	25000	4300	100
Methyl cyclohexane	ND		ug/kg	25000	3800	100

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07 D
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	112		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-09 D2 Date Collected: 07/25/23 11:05
Client ID: WAL-09-07252023 Date Received: 07/25/23
Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/08/23 18:39
Analyst: LAC
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4400	2000	10
1,1-Dichloroethane	ND		ug/kg	890	130	10
Chloroform	ND		ug/kg	1300	120	10
Carbon tetrachloride	ND		ug/kg	890	200	10
1,2-Dichloropropane	ND		ug/kg	890	110	10
Dibromochloromethane	ND		ug/kg	890	120	10
1,1,2-Trichloroethane	ND		ug/kg	890	240	10
Tetrachloroethene	ND		ug/kg	440	170	10
Chlorobenzene	ND		ug/kg	440	110	10
Trichlorofluoromethane	ND		ug/kg	3600	620	10
1,2-Dichloroethane	ND		ug/kg	890	230	10
1,1,1-Trichloroethane	ND		ug/kg	440	150	10
Bromodichloromethane	ND		ug/kg	440	97.	10
trans-1,3-Dichloropropene	ND		ug/kg	890	240	10
cis-1,3-Dichloropropene	ND		ug/kg	440	140	10
1,3-Dichloropropene, Total	ND		ug/kg	440	140	10
Bromoform	ND		ug/kg	3600	220	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	440	150	10
Benzene	4300		ug/kg	440	150	10
Toluene	3400		ug/kg	890	480	10
Ethylbenzene	590	J	ug/kg	890	120	10
Chloromethane	ND		ug/kg	3600	830	10
Bromomethane	ND		ug/kg	1800	520	10
Vinyl chloride	ND		ug/kg	890	300	10
Chloroethane	ND		ug/kg	1800	400	10
1,1-Dichloroethene	ND		ug/kg	890	210	10
trans-1,2-Dichloroethene	ND		ug/kg	1300	120	10
Trichloroethene	ND		ug/kg	440	120	10

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-09 D2 Date Collected: 07/25/23 11:05

Client ID: WAL-09-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	1800	130	10
1,3-Dichlorobenzene	ND		ug/kg	1800	130	10
1,4-Dichlorobenzene	ND		ug/kg	1800	150	10
Methyl tert butyl ether	ND		ug/kg	1800	180	10
p/m-Xylene	8000		ug/kg	1800	500	10
o-Xylene	2800		ug/kg	890	260	10
Xylenes, Total	11000		ug/kg	890	260	10
cis-1,2-Dichloroethene	ND		ug/kg	890	160	10
1,2-Dichloroethene, Total	ND		ug/kg	890	120	10
Styrene	1700		ug/kg	890	170	10
Dichlorodifluoromethane	ND		ug/kg	8900	810	10
Acetone	ND		ug/kg	8900	4300	10
Carbon disulfide	ND		ug/kg	8900	4000	10
2-Butanone	ND		ug/kg	8900	2000	10
4-Methyl-2-pentanone	ND		ug/kg	8900	1100	10
2-Hexanone	ND		ug/kg	8900	1000	10
Bromochloromethane	ND		ug/kg	1800	180	10
1,2-Dibromoethane	ND		ug/kg	890	250	10
n-Butylbenzene	ND		ug/kg	890	150	10
sec-Butylbenzene	ND		ug/kg	890	130	10
tert-Butylbenzene	ND		ug/kg	1800	100	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	2700	890	10
Isopropylbenzene	180	J	ug/kg	890	97.	10
p-Isopropyltoluene	240	J	ug/kg	890	97.	10
Naphthalene	510000	E	ug/kg	3600	580	10
n-Propylbenzene	280	J	ug/kg	890	150	10
1,2,3-Trichlorobenzene	ND		ug/kg	1800	290	10
1,2,4-Trichlorobenzene	ND		ug/kg	1800	240	10
1,3,5-Trimethylbenzene	3600		ug/kg	1800	170	10
1,2,4-Trimethylbenzene	7200		ug/kg	1800	300	10
Methyl Acetate	ND		ug/kg	3600	840	10
Cyclohexane	ND		ug/kg	8900	480	10
1,4-Dioxane	ND		ug/kg	71000	31000	10
Freon-113	ND		ug/kg	3600	620	10
Methyl cyclohexane	ND		ug/kg	3600	540	10

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-09 D2 Date Collected: 07/25/23 11:05

Client ID: WAL-09-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	96		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-09 D
Client ID: WAL-09-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:05
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/07/23 16:23
Analyst: JIC
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	520000		ug/kg	7100	1200	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	115		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-10 D2 Date Collected: 07/25/23 11:10
Client ID: WAL-10-07252023 Date Received: 07/25/23
Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/08/23 19:05
Analyst: LAC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	1800	800	5
1,1-Dichloroethane	ND		ug/kg	350	51.	5
Chloroform	ND		ug/kg	530	49.	5
Carbon tetrachloride	ND		ug/kg	350	81.	5
1,2-Dichloropropane	ND		ug/kg	350	44.	5
Dibromochloromethane	ND		ug/kg	350	49.	5
1,1,2-Trichloroethane	ND		ug/kg	350	94.	5
Tetrachloroethene	ND		ug/kg	180	69.	5
Chlorobenzene	ND		ug/kg	180	45.	5
Trichlorofluoromethane	ND		ug/kg	1400	240	5
1,2-Dichloroethane	ND		ug/kg	350	90.	5
1,1,1-Trichloroethane	ND		ug/kg	180	59.	5
Bromodichloromethane	ND		ug/kg	180	38.	5
trans-1,3-Dichloropropene	ND		ug/kg	350	96.	5
cis-1,3-Dichloropropene	ND		ug/kg	180	56.	5
1,3-Dichloropropene, Total	ND		ug/kg	180	56.	5
Bromoform	ND		ug/kg	1400	86.	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	180	58.	5
Benzene	20000		ug/kg	180	58.	5
Toluene	5800		ug/kg	350	190	5
Ethylbenzene	360		ug/kg	350	50.	5
Chloromethane	ND		ug/kg	1400	330	5
Bromomethane	ND		ug/kg	700	200	5
Vinyl chloride	ND		ug/kg	350	120	5
Chloroethane	ND		ug/kg	700	160	5
1,1-Dichloroethene	ND		ug/kg	350	84.	5
trans-1,2-Dichloroethene	ND		ug/kg	530	48.	5
Trichloroethene	ND		ug/kg	180	48.	5

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-10 D2 Date Collected: 07/25/23 11:10

Client ID: WAL-10-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	700	51.	5
1,3-Dichlorobenzene	ND		ug/kg	700	52.	5
1,4-Dichlorobenzene	ND		ug/kg	700	60.	5
Methyl tert butyl ether	ND		ug/kg	700	71.	5
p/m-Xylene	3700		ug/kg	700	200	5
o-Xylene	1200		ug/kg	350	100	5
Xylenes, Total	4900		ug/kg	350	100	5
cis-1,2-Dichloroethene	ND		ug/kg	350	62.	5
1,2-Dichloroethene, Total	ND		ug/kg	350	48.	5
Styrene	910		ug/kg	350	69.	5
Dichlorodifluoromethane	ND		ug/kg	3500	320	5
Acetone	ND		ug/kg	3500	1700	5
Carbon disulfide	ND		ug/kg	3500	1600	5
2-Butanone	ND		ug/kg	3500	780	5
4-Methyl-2-pentanone	ND		ug/kg	3500	450	5
2-Hexanone	ND		ug/kg	3500	420	5
Bromochloromethane	ND		ug/kg	700	72.	5
1,2-Dibromoethane	ND		ug/kg	350	98.	5
n-Butylbenzene	ND		ug/kg	350	59.	5
sec-Butylbenzene	ND		ug/kg	350	51.	5
tert-Butylbenzene	ND		ug/kg	700	42.	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	1000	350	5
Isopropylbenzene	61	J	ug/kg	350	38.	5
p-Isopropyltoluene	110	J	ug/kg	350	38.	5
Naphthalene	170000	E	ug/kg	1400	230	5
n-Propylbenzene	62	J	ug/kg	350	60.	5
1,2,3-Trichlorobenzene	ND		ug/kg	700	110	5
1,2,4-Trichlorobenzene	ND		ug/kg	700	96.	5
1,3,5-Trimethylbenzene	1100		ug/kg	700	68.	5
1,2,4-Trimethylbenzene	1900		ug/kg	700	120	5
Methyl Acetate	440	J	ug/kg	1400	330	5
Cyclohexane	ND		ug/kg	3500	190	5
1,4-Dioxane	ND		ug/kg	28000	12000	5
Freon-113	ND		ug/kg	1400	240	5
Methyl cyclohexane	260	J	ug/kg	1400	210	5

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-10 D2 Date Collected: 07/25/23 11:10

Client ID: WAL-10-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	93		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-10 D
Client ID: WAL-10-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:10
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/23 12:47
Analyst: JIC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	170000		ug/kg	2800	460	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	109		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-12
Client ID: WAL-12-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:20
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/07/23 17:17
Analyst: JIC
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	430	200	1
1,1-Dichloroethane	ND		ug/kg	86	12.	1
Chloroform	ND		ug/kg	130	12.	1
Carbon tetrachloride	ND		ug/kg	86	20.	1
1,2-Dichloropropane	ND		ug/kg	86	11.	1
Dibromochloromethane	ND		ug/kg	86	12.	1
1,1,2-Trichloroethane	ND		ug/kg	86	23.	1
Tetrachloroethene	ND		ug/kg	43	17.	1
Chlorobenzene	ND		ug/kg	43	11.	1
Trichlorofluoromethane	ND		ug/kg	340	60.	1
1,2-Dichloroethane	ND		ug/kg	86	22.	1
1,1,1-Trichloroethane	ND		ug/kg	43	14.	1
Bromodichloromethane	ND		ug/kg	43	9.4	1
trans-1,3-Dichloropropene	ND		ug/kg	86	24.	1
cis-1,3-Dichloropropene	ND		ug/kg	43	14.	1
1,3-Dichloropropene, Total	ND		ug/kg	43	14.	1
Bromoform	ND		ug/kg	340	21.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	43	14.	1
Benzene	29000	E	ug/kg	43	14.	1
Toluene	6900		ug/kg	86	47.	1
Ethylbenzene	590		ug/kg	86	12.	1
Chloromethane	ND		ug/kg	340	80.	1
Bromomethane	55	J	ug/kg	170	50.	1
Vinyl chloride	ND		ug/kg	86	29.	1
Chloroethane	ND		ug/kg	170	39.	1
1,1-Dichloroethene	ND		ug/kg	86	20.	1
trans-1,2-Dichloroethene	ND		ug/kg	130	12.	1
Trichloroethene	ND		ug/kg	43	12.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-12 Date Collected: 07/25/23 11:20

Client ID: WAL-12-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	170	12.	1
1,3-Dichlorobenzene	ND		ug/kg	170	13.	1
1,4-Dichlorobenzene	ND		ug/kg	170	15.	1
Methyl tert butyl ether	ND		ug/kg	170	17.	1
p/m-Xylene	4800		ug/kg	170	48.	1
o-Xylene	1400		ug/kg	86	25.	1
Xylenes, Total	6200		ug/kg	86	25.	1
cis-1,2-Dichloroethene	ND		ug/kg	86	15.	1
1,2-Dichloroethene, Total	ND		ug/kg	86	12.	1
Styrene	460		ug/kg	86	17.	1
Dichlorodifluoromethane	ND		ug/kg	860	79.	1
Acetone	460	J	ug/kg	860	420	1
Carbon disulfide	ND		ug/kg	860	390	1
2-Butanone	ND		ug/kg	860	190	1
4-Methyl-2-pentanone	ND		ug/kg	860	110	1
2-Hexanone	ND		ug/kg	860	100	1
Bromochloromethane	ND		ug/kg	170	18.	1
1,2-Dibromoethane	ND		ug/kg	86	24.	1
n-Butylbenzene	58	J	ug/kg	86	14.	1
sec-Butylbenzene	41	J	ug/kg	86	13.	1
tert-Butylbenzene	ND		ug/kg	170	10.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	260	86.	1
Isopropylbenzene	67	J	ug/kg	86	9.4	1
p-Isopropyltoluene	110		ug/kg	86	9.4	1
Naphthalene	140000	E	ug/kg	340	56.	1
n-Propylbenzene	83	J	ug/kg	86	15.	1
1,2,3-Trichlorobenzene	ND		ug/kg	170	28.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	23.	1
1,3,5-Trimethylbenzene	1600		ug/kg	170	17.	1
1,2,4-Trimethylbenzene	2700		ug/kg	170	29.	1
Methyl Acetate	280	J	ug/kg	340	82.	1
Cyclohexane	ND		ug/kg	860	47.	1
1,4-Dioxane	ND		ug/kg	6900	3000	1
Freon-113	ND		ug/kg	340	60.	1
Methyl cyclohexane	260	J	ug/kg	340	52.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-12 Date Collected: 07/25/23 11:20

Client ID: WAL-12-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	97		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-12 D
Client ID: WAL-12-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:20
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/23 13:14
Analyst: JIC
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	25000		ug/kg	1100	360	25
Naphthalene	320000		ug/kg	8600	1400	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	111		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13
Client ID: WAL-13-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:25
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/04/23 08:20
Analyst: MCM
Percent Solids: 78%
TCLP/SPLP Ext. Date: 08/03/23 09:48

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	4800	E	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	105		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	83		70-130
dibromofluoromethane	112		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13 D2
Client ID: WAL-13-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:25
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/07/23 20:01
Analyst: JIC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	1400000		ug/kg	30000	4800	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	104		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13 D
Client ID: WAL-13-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:25
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/07/23 17:59
Analyst: MCM
Percent Solids: 78%
TCLP/SPLP Ext. Date: 08/03/23 09:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Benzene	4900		ug/l	50	16.	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	79		70-130
dibromofluoromethane	118		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13 D
Client ID: WAL-13-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:25
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/23 13:41
Analyst: JIC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	19000	8500	50
1,1-Dichloroethane	ND		ug/kg	3700	540	50
Chloroform	ND		ug/kg	5600	520	50
Carbon tetrachloride	ND		ug/kg	3700	860	50
1,2-Dichloropropane	ND		ug/kg	3700	470	50
Dibromochloromethane	ND		ug/kg	3700	520	50
1,1,2-Trichloroethane	ND		ug/kg	3700	1000	50
Tetrachloroethene	ND		ug/kg	1900	730	50
Chlorobenzene	ND		ug/kg	1900	470	50
Trichlorofluoromethane	ND		ug/kg	15000	2600	50
1,2-Dichloroethane	ND		ug/kg	3700	960	50
1,1,1-Trichloroethane	ND		ug/kg	1900	620	50
Bromodichloromethane	ND		ug/kg	1900	410	50
trans-1,3-Dichloropropene	ND		ug/kg	3700	1000	50
cis-1,3-Dichloropropene	ND		ug/kg	1900	590	50
1,3-Dichloropropene, Total	ND		ug/kg	1900	590	50
Bromoform	ND		ug/kg	15000	920	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	1900	620	50
Benzene	150000		ug/kg	1900	620	50
Toluene	100000		ug/kg	3700	2000	50
Ethylbenzene	3500	J	ug/kg	3700	520	50
Chloromethane	ND		ug/kg	15000	3500	50
Bromomethane	ND		ug/kg	7500	2200	50
Vinyl chloride	ND		ug/kg	3700	1200	50
Chloroethane	ND		ug/kg	7500	1700	50
1,1-Dichloroethene	ND		ug/kg	3700	890	50
trans-1,2-Dichloroethene	ND		ug/kg	5600	510	50
Trichloroethene	ND		ug/kg	1900	510	50

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13 D
Client ID: WAL-13-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:25
Date Received: 07/25/23
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	7500	540	50
1,3-Dichlorobenzene	ND		ug/kg	7500	550	50
1,4-Dichlorobenzene	ND		ug/kg	7500	640	50
Methyl tert butyl ether	ND		ug/kg	7500	750	50
p/m-Xylene	54000		ug/kg	7500	2100	50
o-Xylene	12000		ug/kg	3700	1100	50
Xylenes, Total	66000		ug/kg	3700	1100	50
cis-1,2-Dichloroethene	ND		ug/kg	3700	650	50
1,2-Dichloroethene, Total	ND		ug/kg	3700	510	50
Styrene	7500		ug/kg	3700	730	50
Dichlorodifluoromethane	ND		ug/kg	37000	3400	50
Acetone	ND		ug/kg	37000	18000	50
Carbon disulfide	ND		ug/kg	37000	17000	50
2-Butanone	ND		ug/kg	37000	8300	50
4-Methyl-2-pentanone	ND		ug/kg	37000	4800	50
2-Hexanone	ND		ug/kg	37000	4400	50
Bromochloromethane	ND		ug/kg	7500	760	50
1,2-Dibromoethane	ND		ug/kg	3700	1000	50
n-Butylbenzene	ND		ug/kg	3700	620	50
sec-Butylbenzene	ND		ug/kg	3700	540	50
tert-Butylbenzene	ND		ug/kg	7500	440	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	11000	3700	50
Isopropylbenzene	ND		ug/kg	3700	410	50
p-Isopropyltoluene	ND		ug/kg	3700	410	50
Naphthalene	1200000	E	ug/kg	15000	2400	50
n-Propylbenzene	ND		ug/kg	3700	640	50
1,2,3-Trichlorobenzene	ND		ug/kg	7500	1200	50
1,2,4-Trichlorobenzene	ND		ug/kg	7500	1000	50
1,3,5-Trimethylbenzene	5600	J	ug/kg	7500	720	50
1,2,4-Trimethylbenzene	9800		ug/kg	7500	1200	50
Methyl Acetate	ND		ug/kg	15000	3500	50
Cyclohexane	ND		ug/kg	37000	2000	50
1,4-Dioxane	ND		ug/kg	300000	130000	50
Freon-113	ND		ug/kg	15000	2600	50
Methyl cyclohexane	ND		ug/kg	15000	2200	50

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13 D
Client ID: WAL-13-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:25
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	106		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-14 D2
Client ID: WAL-14-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:30
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/08/23 22:42
Analyst: JIC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	930000		ug/kg	30000	4900	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	119		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-14 D
Client ID: WAL-14-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:30
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/08/23 22:14
Analyst: JIC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	9400	4300	25
1,1-Dichloroethane	ND		ug/kg	1900	270	25
Chloroform	ND		ug/kg	2800	260	25
Carbon tetrachloride	ND		ug/kg	1900	430	25
1,2-Dichloropropane	ND		ug/kg	1900	240	25
Dibromochloromethane	ND		ug/kg	1900	260	25
1,1,2-Trichloroethane	ND		ug/kg	1900	500	25
Tetrachloroethene	ND		ug/kg	940	370	25
Chlorobenzene	ND		ug/kg	940	240	25
Trichlorofluoromethane	ND		ug/kg	7500	1300	25
1,2-Dichloroethane	ND		ug/kg	1900	480	25
1,1,1-Trichloroethane	ND		ug/kg	940	310	25
Bromodichloromethane	ND		ug/kg	940	200	25
trans-1,3-Dichloropropene	ND		ug/kg	1900	510	25
cis-1,3-Dichloropropene	ND		ug/kg	940	300	25
1,3-Dichloropropene, Total	ND		ug/kg	940	300	25
Bromoform	ND		ug/kg	7500	460	25
1,1,2,2-Tetrachloroethane	ND		ug/kg	940	310	25
Benzene	32000		ug/kg	940	310	25
Toluene	26000		ug/kg	1900	1000	25
Ethylbenzene	2200		ug/kg	1900	260	25
Chloromethane	ND		ug/kg	7500	1800	25
Bromomethane	ND		ug/kg	3800	1100	25
Vinyl chloride	ND		ug/kg	1900	630	25
Chloroethane	ND		ug/kg	3800	850	25
1,1-Dichloroethene	ND		ug/kg	1900	450	25
trans-1,2-Dichloroethene	ND		ug/kg	2800	260	25
Trichloroethene	ND		ug/kg	940	260	25

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-14 D
Client ID: WAL-14-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:30
Date Received: 07/25/23
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	3800	270	25
1,3-Dichlorobenzene	ND		ug/kg	3800	280	25
1,4-Dichlorobenzene	ND		ug/kg	3800	320	25
Methyl tert butyl ether	ND		ug/kg	3800	380	25
p/m-Xylene	22000		ug/kg	3800	1000	25
o-Xylene	4900		ug/kg	1900	550	25
Xylenes, Total	27000		ug/kg	1900	550	25
cis-1,2-Dichloroethene	ND		ug/kg	1900	330	25
1,2-Dichloroethene, Total	ND		ug/kg	1900	260	25
Styrene	2600		ug/kg	1900	370	25
Dichlorodifluoromethane	ND		ug/kg	19000	1700	25
Acetone	ND		ug/kg	19000	9100	25
Carbon disulfide	ND		ug/kg	19000	8600	25
2-Butanone	ND		ug/kg	19000	4200	25
4-Methyl-2-pentanone	ND		ug/kg	19000	2400	25
2-Hexanone	ND		ug/kg	19000	2200	25
Bromochloromethane	ND		ug/kg	3800	390	25
1,2-Dibromoethane	ND		ug/kg	1900	520	25
n-Butylbenzene	ND		ug/kg	1900	310	25
sec-Butylbenzene	ND		ug/kg	1900	280	25
tert-Butylbenzene	ND		ug/kg	3800	220	25
1,2-Dibromo-3-chloropropane	ND		ug/kg	5600	1900	25
Isopropylbenzene	ND		ug/kg	1900	200	25
p-Isopropyltoluene	ND		ug/kg	1900	200	25
Naphthalene	1100000	E	ug/kg	7500	1200	25
n-Propylbenzene	ND		ug/kg	1900	320	25
1,2,3-Trichlorobenzene	ND		ug/kg	3800	610	25
1,2,4-Trichlorobenzene	ND		ug/kg	3800	510	25
1,3,5-Trimethylbenzene	3600	J	ug/kg	3800	360	25
1,2,4-Trimethylbenzene	5900		ug/kg	3800	630	25
Methyl Acetate	ND		ug/kg	7500	1800	25
Cyclohexane	ND		ug/kg	19000	1000	25
1,4-Dioxane	ND		ug/kg	150000	66000	25
Freon-113	ND		ug/kg	7500	1300	25
Methyl cyclohexane	ND		ug/kg	7500	1100	25

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-14 D
Client ID: WAL-14-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:30
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	118		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16
Client ID: WAL-16-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:40
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/04/23 09:51
Analyst: MKS
Percent Solids: 76%
TCLP/SPLP Ext. Date: 08/03/23 09:48

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	160		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	98		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	83		70-130
dibromofluoromethane	112		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16 D2 Date Collected: 07/25/23 11:40
Client ID: WAL-16-07252023 Date Received: 07/25/23
Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/07/23 18:12
Analyst: JIC
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3900	1800	10
1,1-Dichloroethane	ND		ug/kg	790	110	10
Chloroform	ND		ug/kg	1200	110	10
Carbon tetrachloride	ND		ug/kg	790	180	10
1,2-Dichloropropane	ND		ug/kg	790	98.	10
Dibromochloromethane	ND		ug/kg	790	110	10
1,1,2-Trichloroethane	ND		ug/kg	790	210	10
Tetrachloroethene	ND		ug/kg	390	150	10
Chlorobenzene	ND		ug/kg	390	100	10
Trichlorofluoromethane	ND		ug/kg	3200	550	10
1,2-Dichloroethane	ND		ug/kg	790	200	10
1,1,1-Trichloroethane	ND		ug/kg	390	130	10
Bromodichloromethane	ND		ug/kg	390	86.	10
trans-1,3-Dichloropropene	ND		ug/kg	790	220	10
cis-1,3-Dichloropropene	ND		ug/kg	390	120	10
1,3-Dichloropropene, Total	ND		ug/kg	390	120	10
Bromoform	ND		ug/kg	3200	190	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	390	130	10
Benzene	99000		ug/kg	390	130	10
Toluene	120000		ug/kg	790	430	10
Ethylbenzene	5000		ug/kg	790	110	10
Chloromethane	ND		ug/kg	3200	730	10
Bromomethane	ND		ug/kg	1600	460	10
Vinyl chloride	ND		ug/kg	790	260	10
Chloroethane	ND		ug/kg	1600	360	10
1,1-Dichloroethene	ND		ug/kg	790	190	10
trans-1,2-Dichloroethene	ND		ug/kg	1200	110	10
Trichloroethene	ND		ug/kg	390	110	10

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16 D2 Date Collected: 07/25/23 11:40

Client ID: WAL-16-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	1600	110	10
1,3-Dichlorobenzene	ND		ug/kg	1600	120	10
1,4-Dichlorobenzene	ND		ug/kg	1600	130	10
Methyl tert butyl ether	ND		ug/kg	1600	160	10
p/m-Xylene	93000		ug/kg	1600	440	10
o-Xylene	23000		ug/kg	790	230	10
Xylenes, Total	120000		ug/kg	790	230	10
cis-1,2-Dichloroethene	ND		ug/kg	790	140	10
1,2-Dichloroethene, Total	ND		ug/kg	790	110	10
Styrene	20000		ug/kg	790	150	10
Dichlorodifluoromethane	ND		ug/kg	7900	720	10
Acetone	ND		ug/kg	7900	3800	10
Carbon disulfide	ND		ug/kg	7900	3600	10
2-Butanone	ND		ug/kg	7900	1800	10
4-Methyl-2-pentanone	ND		ug/kg	7900	1000	10
2-Hexanone	ND		ug/kg	7900	930	10
Bromochloromethane	ND		ug/kg	1600	160	10
1,2-Dibromoethane	ND		ug/kg	790	220	10
n-Butylbenzene	160	J	ug/kg	790	130	10
sec-Butylbenzene	ND		ug/kg	790	120	10
tert-Butylbenzene	ND		ug/kg	1600	93.	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	2400	790	10
Isopropylbenzene	190	J	ug/kg	790	86.	10
p-Isopropyltoluene	230	J	ug/kg	790	86.	10
Naphthalene	490000	E	ug/kg	3200	510	10
n-Propylbenzene	500	J	ug/kg	790	130	10
1,2,3-Trichlorobenzene	ND		ug/kg	1600	250	10
1,2,4-Trichlorobenzene	ND		ug/kg	1600	210	10
1,3,5-Trimethylbenzene	13000		ug/kg	1600	150	10
1,2,4-Trimethylbenzene	20000		ug/kg	1600	260	10
Methyl Acetate	ND		ug/kg	3200	750	10
Cyclohexane	ND		ug/kg	7900	430	10
1,4-Dioxane	ND		ug/kg	63000	28000	10
Freon-113	ND		ug/kg	3200	550	10
Methyl cyclohexane	1500	J	ug/kg	3200	480	10

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16 D2 Date Collected: 07/25/23 11:40

Client ID: WAL-16-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	98		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16 D
Client ID: WAL-16-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:40
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/23 14:35
Analyst: JIC
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	520000		ug/kg	7900	1300	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	103		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-17
Client ID: WAL-17-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:45
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/23 15:02
Analyst: JIC
Percent Solids: 78%

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	10.	1
Carbon tetrachloride	ND		ug/kg	76	17.	1
1,2-Dichloropropane	ND		ug/kg	76	9.4	1
Dibromochloromethane	ND		ug/kg	76	10.	1
1,1,2-Trichloroethane	ND		ug/kg	76	20.	1
Tetrachloroethene	ND		ug/kg	38	15.	1
Chlorobenzene	ND		ug/kg	38	9.6	1
Trichlorofluoromethane	ND		ug/kg	300	52.	1
1,2-Dichloroethane	ND		ug/kg	76	19.	1
1,1,1-Trichloroethane	ND		ug/kg	38	13.	1
Bromodichloromethane	ND		ug/kg	38	8.2	1
trans-1,3-Dichloropropene	ND		ug/kg	76	21.	1
cis-1,3-Dichloropropene	ND		ug/kg	38	12.	1
1,3-Dichloropropene, Total	ND		ug/kg	38	12.	1
Bromoform	ND		ug/kg	300	19.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	38	12.	1
Benzene	4000		ug/kg	38	12.	1
Toluene	270		ug/kg	76	41.	1
Ethylbenzene	170		ug/kg	76	11.	1
Chloromethane	ND		ug/kg	300	70.	1
Bromomethane	64	J	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

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-17 Date Collected: 07/25/23 11:45

Client ID: WAL-17-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	150	11.	1
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	350		ug/kg	150	42.	1
o-Xylene	190		ug/kg	76	22.	1
Xylenes, Total	540		ug/kg	76	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	76	13.	1
1,2-Dichloroethene, Total	ND		ug/kg	76	10.	1
Styrene	ND		ug/kg	76	15.	1
Dichlorodifluoromethane	ND		ug/kg	760	69.	1
Acetone	450	J	ug/kg	760	360	1
Carbon disulfide	ND		ug/kg	760	340	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	89.	1
Bromochloromethane	ND		ug/kg	150	16.	1
1,2-Dibromoethane	ND		ug/kg	76	21.	1
n-Butylbenzene	ND		ug/kg	76	13.	1
sec-Butylbenzene	ND		ug/kg	76	11.	1
tert-Butylbenzene	ND		ug/kg	150	8.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	230	75.	1
Isopropylbenzene	ND		ug/kg	76	8.2	1
p-Isopropyltoluene	11	J	ug/kg	76	8.2	1
Naphthalene	590		ug/kg	300	49.	1
n-Propylbenzene	ND		ug/kg	76	13.	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	20.	1
1,3,5-Trimethylbenzene	37	J	ug/kg	150	14.	1
1,2,4-Trimethylbenzene	43	J	ug/kg	150	25.	1
Methyl Acetate	310		ug/kg	300	72.	1
Cyclohexane	ND		ug/kg	760	41.	1
1,4-Dioxane	ND		ug/kg	6000	2600	1
Freon-113	ND		ug/kg	300	52.	1
Methyl cyclohexane	ND		ug/kg	300	46.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-17 Date Collected: 07/25/23 11:45

Client ID: WAL-17-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	102		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-19
Client ID: WAL-19-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/07/23 18:40
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	370	170	1
1,1-Dichloroethane	ND		ug/kg	75	11.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	75	17.	1
1,2-Dichloropropane	ND		ug/kg	75	9.4	1
Dibromochloromethane	ND		ug/kg	75	10.	1
1,1,2-Trichloroethane	ND		ug/kg	75	20.	1
Tetrachloroethene	ND		ug/kg	37	15.	1
Chlorobenzene	ND		ug/kg	37	9.5	1
Trichlorofluoromethane	ND		ug/kg	300	52.	1
1,2-Dichloroethane	ND		ug/kg	75	19.	1
1,1,1-Trichloroethane	ND		ug/kg	37	12.	1
Bromodichloromethane	ND		ug/kg	37	8.2	1
trans-1,3-Dichloropropene	ND		ug/kg	75	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	37	12.	1
1,3-Dichloropropene, Total	ND		ug/kg	37	12.	1
Bromoform	ND		ug/kg	300	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	37	12.	1
Benzene	28000	E	ug/kg	37	12.	1
Toluene	26000	E	ug/kg	75	41.	1
Ethylbenzene	1800		ug/kg	75	10.	1
Chloromethane	ND		ug/kg	300	70.	1
Bromomethane	ND		ug/kg	150	44.	1
Vinyl chloride	ND		ug/kg	75	25.	1
Chloroethane	ND		ug/kg	150	34.	1
1,1-Dichloroethene	ND		ug/kg	75	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	10.	1
Trichloroethene	ND		ug/kg	37	10.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-19 Date Collected: 07/25/23 11:55

Client ID: WAL-19-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	150	11.	1
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	20000		ug/kg	150	42.	1
o-Xylene	5000		ug/kg	75	22.	1
Xylenes, Total	25000		ug/kg	75	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	75	13.	1
1,2-Dichloroethene, Total	ND		ug/kg	75	10.	1
Styrene	4800		ug/kg	75	15.	1
Dichlorodifluoromethane	ND		ug/kg	750	68.	1
Acetone	ND		ug/kg	750	360	1
Carbon disulfide	ND		ug/kg	750	340	1
2-Butanone	ND		ug/kg	750	170	1
4-Methyl-2-pentanone	ND		ug/kg	750	96.	1
2-Hexanone	ND		ug/kg	750	88.	1
Bromochloromethane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	75	21.	1
n-Butylbenzene	31	J	ug/kg	75	12.	1
sec-Butylbenzene	ND		ug/kg	75	11.	1
tert-Butylbenzene	ND		ug/kg	150	8.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	220	75.	1
Isopropylbenzene	52	J	ug/kg	75	8.2	1
p-Isopropyltoluene	48	J	ug/kg	75	8.2	1
Naphthalene	47000	E	ug/kg	300	49.	1
n-Propylbenzene	120		ug/kg	75	13.	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	20.	1
1,3,5-Trimethylbenzene	2600		ug/kg	150	14.	1
1,2,4-Trimethylbenzene	3900		ug/kg	150	25.	1
Methyl Acetate	170	J	ug/kg	300	71.	1
Cyclohexane	83	J	ug/kg	750	41.	1
1,4-Dioxane	ND		ug/kg	6000	2600	1
Freon-113	ND		ug/kg	300	52.	1
Methyl cyclohexane	310		ug/kg	300	45.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-19 Date Collected: 07/25/23 11:55

Client ID: WAL-19-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	96		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-19 D
Client ID: WAL-19-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/23 15:29
Analyst: JIC
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	23000		ug/kg	94	31.	2.5
Toluene	23000		ug/kg	190	100	2.5
Naphthalene	43000		ug/kg	750	120	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	102		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22
Client ID: WAL-22-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:10
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/04/23 09:05
Analyst: MCM
Percent Solids: 76%
TCLP/SPLP Ext. Date: 08/03/23 09:48

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	2000	E	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	92		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
dibromofluoromethane	103		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22 D2 Date Collected: 07/25/23 12:10
Client ID: WAL-22-07252023 Date Received: 07/25/23
Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/07/23 19:07
Analyst: JIC
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	2000	910	5
1,1-Dichloroethane	ND		ug/kg	400	58.	5
Chloroform	ND		ug/kg	600	56.	5
Carbon tetrachloride	ND		ug/kg	400	91.	5
1,2-Dichloropropane	ND		ug/kg	400	50.	5
Dibromochloromethane	ND		ug/kg	400	56.	5
1,1,2-Trichloroethane	ND		ug/kg	400	100	5
Tetrachloroethene	ND		ug/kg	200	78.	5
Chlorobenzene	ND		ug/kg	200	50.	5
Trichlorofluoromethane	ND		ug/kg	1600	280	5
1,2-Dichloroethane	ND		ug/kg	400	100	5
1,1,1-Trichloroethane	ND		ug/kg	200	66.	5
Bromodichloromethane	ND		ug/kg	200	43.	5
trans-1,3-Dichloropropene	ND		ug/kg	400	110	5
cis-1,3-Dichloropropene	ND		ug/kg	200	63.	5
1,3-Dichloropropene, Total	ND		ug/kg	200	63.	5
Bromoform	ND		ug/kg	1600	98.	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	200	66.	5
Benzene	210000	E	ug/kg	200	66.	5
Toluene	15000		ug/kg	400	220	5
Ethylbenzene	4700		ug/kg	400	56.	5
Chloromethane	ND		ug/kg	1600	370	5
Bromomethane	ND		ug/kg	790	230	5
Vinyl chloride	ND		ug/kg	400	130	5
Chloroethane	ND		ug/kg	790	180	5
1,1-Dichloroethene	ND		ug/kg	400	94.	5
trans-1,2-Dichloroethene	ND		ug/kg	600	54.	5
Trichloroethene	ND		ug/kg	200	54.	5

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22 D2 Date Collected: 07/25/23 12:10

Client ID: WAL-22-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	790	57.	5
1,3-Dichlorobenzene	ND		ug/kg	790	59.	5
1,4-Dichlorobenzene	ND		ug/kg	790	68.	5
Methyl tert butyl ether	ND		ug/kg	790	80.	5
p/m-Xylene	20000		ug/kg	790	220	5
o-Xylene	5600		ug/kg	400	120	5
Xylenes, Total	26000		ug/kg	400	120	5
cis-1,2-Dichloroethene	ND		ug/kg	400	69.	5
1,2-Dichloroethene, Total	ND		ug/kg	400	54.	5
Styrene	1000		ug/kg	400	78.	5
Dichlorodifluoromethane	ND		ug/kg	4000	360	5
Acetone	ND		ug/kg	4000	1900	5
Carbon disulfide	ND		ug/kg	4000	1800	5
2-Butanone	ND		ug/kg	4000	880	5
4-Methyl-2-pentanone	ND		ug/kg	4000	510	5
2-Hexanone	ND		ug/kg	4000	470	5
Bromochloromethane	ND		ug/kg	790	81.	5
1,2-Dibromoethane	ND		ug/kg	400	110	5
n-Butylbenzene	ND		ug/kg	400	66.	5
sec-Butylbenzene	ND		ug/kg	400	58.	5
tert-Butylbenzene	ND		ug/kg	790	47.	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	1200	400	5
Isopropylbenzene	67	J	ug/kg	400	43.	5
p-Isopropyltoluene	ND		ug/kg	400	43.	5
Naphthalene	93000		ug/kg	1600	260	5
n-Propylbenzene	ND		ug/kg	400	68.	5
1,2,3-Trichlorobenzene	ND		ug/kg	790	130	5
1,2,4-Trichlorobenzene	ND		ug/kg	790	110	5
1,3,5-Trimethylbenzene	1600		ug/kg	790	76.	5
1,2,4-Trimethylbenzene	2000		ug/kg	790	130	5
Methyl Acetate	ND		ug/kg	1600	380	5
Cyclohexane	ND		ug/kg	4000	220	5
1,4-Dioxane	ND		ug/kg	32000	14000	5
Freon-113	ND		ug/kg	1600	270	5
Methyl cyclohexane	460	J	ug/kg	1600	240	5

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22 D2 Date Collected: 07/25/23 12:10

Client ID: WAL-22-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	98		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22 D
Client ID: WAL-22-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:10
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/04/23 10:37
Analyst: MKS
Percent Solids: 76%
TCLP/SPLP Ext. Date: 08/03/23 09:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Benzene	2300		ug/l	25	8.0	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	87		70-130
dibromofluoromethane	106		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22 D
Client ID: WAL-22-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:10
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/23 15:57
Analyst: JIC
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	170000		ug/kg	400	130	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	105		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-23 D2
Client ID: WAL-23-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:15
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/07/23 19:34
Analyst: JIC
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	1500000		ug/kg	29000	4700	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-23 D
Client ID: WAL-23-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:15
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 08/05/23 16:24
Analyst: JIC
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	18000	8300	50
1,1-Dichloroethane	ND		ug/kg	3600	530	50
Chloroform	ND		ug/kg	5500	510	50
Carbon tetrachloride	ND		ug/kg	3600	840	50
1,2-Dichloropropane	ND		ug/kg	3600	460	50
Dibromochloromethane	ND		ug/kg	3600	510	50
1,1,2-Trichloroethane	ND		ug/kg	3600	970	50
Tetrachloroethene	ND		ug/kg	1800	710	50
Chlorobenzene	ND		ug/kg	1800	460	50
Trichlorofluoromethane	ND		ug/kg	14000	2500	50
1,2-Dichloroethane	ND		ug/kg	3600	940	50
1,1,1-Trichloroethane	ND		ug/kg	1800	610	50
Bromodichloromethane	ND		ug/kg	1800	400	50
trans-1,3-Dichloropropene	ND		ug/kg	3600	990	50
cis-1,3-Dichloropropene	ND		ug/kg	1800	580	50
1,3-Dichloropropene, Total	ND		ug/kg	1800	580	50
Bromoform	ND		ug/kg	14000	900	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	1800	600	50
Benzene	12000		ug/kg	1800	600	50
Toluene	10000		ug/kg	3600	2000	50
Ethylbenzene	9200		ug/kg	3600	510	50
Chloromethane	ND		ug/kg	14000	3400	50
Bromomethane	ND		ug/kg	7300	2100	50
Vinyl chloride	ND		ug/kg	3600	1200	50
Chloroethane	ND		ug/kg	7300	1600	50
1,1-Dichloroethene	ND		ug/kg	3600	870	50
trans-1,2-Dichloroethene	ND		ug/kg	5500	500	50
Trichloroethene	ND		ug/kg	1800	500	50

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-23 D
Client ID: WAL-23-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:15
Date Received: 07/25/23
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	7300	520	50
1,3-Dichlorobenzene	ND		ug/kg	7300	540	50
1,4-Dichlorobenzene	ND		ug/kg	7300	620	50
Methyl tert butyl ether	ND		ug/kg	7300	730	50
p/m-Xylene	34000		ug/kg	7300	2000	50
o-Xylene	5800		ug/kg	3600	1000	50
Xylenes, Total	40000		ug/kg	3600	1000	50
cis-1,2-Dichloroethene	ND		ug/kg	3600	640	50
1,2-Dichloroethene, Total	ND		ug/kg	3600	500	50
Styrene	1800	J	ug/kg	3600	710	50
Dichlorodifluoromethane	ND		ug/kg	36000	3300	50
Acetone	ND		ug/kg	36000	18000	50
Carbon disulfide	ND		ug/kg	36000	16000	50
2-Butanone	ND		ug/kg	36000	8100	50
4-Methyl-2-pentanone	ND		ug/kg	36000	4600	50
2-Hexanone	ND		ug/kg	36000	4300	50
Bromochloromethane	ND		ug/kg	7300	750	50
1,2-Dibromoethane	ND		ug/kg	3600	1000	50
n-Butylbenzene	ND		ug/kg	3600	610	50
sec-Butylbenzene	ND		ug/kg	3600	530	50
tert-Butylbenzene	ND		ug/kg	7300	430	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	11000	3600	50
Isopropylbenzene	ND		ug/kg	3600	400	50
p-Isopropyltoluene	620	J	ug/kg	3600	400	50
Naphthalene	1300000	E	ug/kg	14000	2400	50
n-Propylbenzene	ND		ug/kg	3600	620	50
1,2,3-Trichlorobenzene	ND		ug/kg	7300	1200	50
1,2,4-Trichlorobenzene	ND		ug/kg	7300	990	50
1,3,5-Trimethylbenzene	11000		ug/kg	7300	700	50
1,2,4-Trimethylbenzene	15000		ug/kg	7300	1200	50
Methyl Acetate	ND		ug/kg	14000	3400	50
Cyclohexane	ND		ug/kg	36000	2000	50
1,4-Dioxane	ND		ug/kg	290000	130000	50
Freon-113	ND		ug/kg	14000	2500	50
Methyl cyclohexane	ND		ug/kg	14000	2200	50

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-23 D
Client ID: WAL-23-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:15
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	112		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/04/23 06:49
Analyst: MCM
TCLP/SPLP Extraction Date: 08/03/23 09:48

Extraction Date: 08/03/23 09:48

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 07,13,16,22 Batch: WG1811874-5					
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	106		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	86		70-130
dibromofluoromethane	118		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/23 10:30
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07,10,12-13,16-17,19,22-23 Batch: WG1812602-5					
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	68	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 **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/23 10:30
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07,10,12-13,16-17,19,22-23 Batch: WG1812602-5					
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 **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/23 10:30
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07,10,12-13,16-17,19,22-23 Batch: WG1812602-5					
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	97		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	105		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/07/23 11:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06-07,09,12-13,16,19,22-23 Batch: WG1812807-5					
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	57	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 **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/07/23 11:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06-07,09,12-13,16,19,22-23 Batch: WG1812807-5					
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	7.4	J	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 **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/07/23 11:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06-07,09,12-13,16,19,22-23 Batch: WG1812807-5					
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	101		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/07/23 10:01
Analyst: MKS
TCLP/SPLP Extraction Date:

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 13 Batch: WG1813136-5					
Benzene	ND		ug/l	5.0	1.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	82		70-130
dibromofluoromethane	120		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/08/23 09:30
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 09-10 Batch: WG1813333-5					
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	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 **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/08/23 09:30
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 09-10 Batch: WG1813333-5					
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 **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/08/23 09:30
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 09-10 Batch: WG1813333-5					
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	103		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	94		70-130

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/08/23 21:47
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG1813721-5					
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	84	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 **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/08/23 21:47
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG1813721-5					
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 **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/08/23 21:47
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG1813721-5					
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	115		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	116		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
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 07,13,16,22 Batch: WG1811874-3 WG1811874-4								
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		25
1,2-Dichloroethane	100		100		70-130	0		20
Benzene	100		110		70-130	10		25
Vinyl chloride	84		85		55-140	1		20
1,1-Dichloroethene	140		140		61-145	0		25
Trichloroethene	110		110		70-130	0		25
1,4-Dichlorobenzene	95		95		70-130	0		20
2-Butanone	83		84		63-138	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	82		83		70-130
dibromofluoromethane	112		111		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): 06-07,10,12-13,16-17,19,22-23 Batch: WG1812602-3 WG1812602-4								
Methylene chloride	87		79		70-130	10		30
1,1-Dichloroethane	86		83		70-130	4		30
Chloroform	90		89		70-130	1		30
Carbon tetrachloride	99		94		70-130	5		30
1,2-Dichloropropane	87		84		70-130	4		30
Dibromochloromethane	91		91		70-130	0		30
1,1,2-Trichloroethane	87		88		70-130	1		30
Tetrachloroethene	95		90		70-130	5		30
Chlorobenzene	94		91		70-130	3		30
Trichlorofluoromethane	88		80		70-139	10		30
1,2-Dichloroethane	81		80		70-130	1		30
1,1,1-Trichloroethane	92		88		70-130	4		30
Bromodichloromethane	95		93		70-130	2		30
trans-1,3-Dichloropropene	90		92		70-130	2		30
cis-1,3-Dichloropropene	97		95		70-130	2		30
Bromoform	78		78		70-130	0		30
1,1,2,2-Tetrachloroethane	88		85		70-130	3		30
Benzene	96		92		70-130	4		30
Toluene	90		87		70-130	3		30
Ethylbenzene	90		86		70-130	5		30
Chloromethane	77		72		52-130	7		30
Bromomethane	84		81		57-147	4		30
Vinyl chloride	80		74		67-130	8		30

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): 06-07,10,12-13,16-17,19,22-23 Batch: WG1812602-3 WG1812602-4								
Chloroethane	82		76		50-151	8		30
1,1-Dichloroethene	81		75		65-135	8		30
trans-1,2-Dichloroethene	87		81		70-130	7		30
Trichloroethene	92		91		70-130	1		30
1,2-Dichlorobenzene	93		91		70-130	2		30
1,3-Dichlorobenzene	98		94		70-130	4		30
1,4-Dichlorobenzene	98		94		70-130	4		30
Methyl tert butyl ether	93		94		66-130	1		30
p/m-Xylene	93		90		70-130	3		30
o-Xylene	92		88		70-130	4		30
cis-1,2-Dichloroethene	92		88		70-130	4		30
Styrene	96		94		70-130	2		30
Dichlorodifluoromethane	77		72		30-146	7		30
Acetone	69		67		54-140	3		30
Carbon disulfide	84		78		59-130	7		30
2-Butanone	**68**	Q	**67**	Q	70-130	1		30
4-Methyl-2-pentanone	70		**68**	Q	70-130	3		30
2-Hexanone	**62**	Q	**64**	Q	70-130	3		30
Bromochloromethane	92		91		70-130	1		30
1,2-Dibromoethane	86		86		70-130	0		30
n-Butylbenzene	101		95		70-130	6		30
sec-Butylbenzene	91		86		70-130	6		30
tert-Butylbenzene	90		85		70-130	6		30

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): 06-07,10,12-13,16-17,19,22-23 Batch: WG1812602-3 WG1812602-4								
1,2-Dibromo-3-chloropropane	75		73		68-130	3		30
Isopropylbenzene	88		84		70-130	5		30
p-Isopropyltoluene	95		90		70-130	5		30
Naphthalene	84		85		70-130	1		30
n-Propylbenzene	94		88		70-130	7		30
1,2,3-Trichlorobenzene	89		89		70-130	0		30
1,2,4-Trichlorobenzene	94		91		70-130	3		30
1,3,5-Trimethylbenzene	91		86		70-130	6		30
1,2,4-Trimethylbenzene	92		87		70-130	6		30
Methyl Acetate	74		76		51-146	3		30
Cyclohexane	71		65		59-142	9		30
1,4-Dioxane	98		97		65-136	1		30
Freon-113	79		73		50-139	8		30
Methyl cyclohexane	82		75		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	100		102		70-130

Lab Control Sample Analysis
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06-07,09,12-13,16,19,22-23 Batch: WG1812807-3 WG1812807-4								
Methylene chloride	82		81		70-130	1		30
1,1-Dichloroethane	89		87		70-130	2		30
Chloroform	91		91		70-130	0		30
Carbon tetrachloride	106		107		70-130	1		30
1,2-Dichloropropane	87		87		70-130	0		30
Dibromochloromethane	91		92		70-130	1		30
1,1,2-Trichloroethane	90		90		70-130	0		30
Tetrachloroethene	98		98		70-130	0		30
Chlorobenzene	92		93		70-130	1		30
Trichlorofluoromethane	98		101		70-139	3		30
1,2-Dichloroethane	83		83		70-130	0		30
1,1,1-Trichloroethane	97		96		70-130	1		30
Bromodichloromethane	96		94		70-130	2		30
trans-1,3-Dichloropropene	93		93		70-130	0		30
cis-1,3-Dichloropropene	99		98		70-130	1		30
Bromoform	79		81		70-130	3		30
1,1,2,2-Tetrachloroethane	91		86		70-130	6		30
Benzene	97		97		70-130	0		30
Toluene	89		90		70-130	1		30
Ethylbenzene	90		91		70-130	1		30
Chloromethane	78		77		52-130	1		30
Bromomethane	83		85		57-147	2		30
Vinyl chloride	84		85		67-130	1		30

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 EPA 5035 High - Westborough Lab Associated sample(s): 06-07,09,12-13,16,19,22-23 Batch: WG1812807-3 WG1812807-4								
Chloroethane	80		81		50-151	1		30
1,1-Dichloroethene	84		86		65-135	2		30
trans-1,2-Dichloroethene	84		85		70-130	1		30
Trichloroethene	93		98		70-130	5		30
1,2-Dichlorobenzene	92		94		70-130	2		30
1,3-Dichlorobenzene	96		98		70-130	2		30
1,4-Dichlorobenzene	96		96		70-130	0		30
Methyl tert butyl ether	97		96		66-130	1		30
p/m-Xylene	91		93		70-130	2		30
o-Xylene	90		91		70-130	1		30
cis-1,2-Dichloroethene	91		90		70-130	1		30
Styrene	94		96		70-130	2		30
Dichlorodifluoromethane	92		93		30-146	1		30
Acetone	74		67		54-140	10		30
Carbon disulfide	85		87		59-130	2		30
2-Butanone	72		73		70-130	1		30
4-Methyl-2-pentanone	75		74		70-130	1		30
2-Hexanone	**68**	Q	**67**	Q	70-130	1		30
Bromochloromethane	93		91		70-130	2		30
1,2-Dibromoethane	88		87		70-130	1		30
n-Butylbenzene	102		105		70-130	3		30
sec-Butylbenzene	94		96		70-130	2		30
tert-Butylbenzene	91		93		70-130	2		30

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 EPA 5035 High - Westborough Lab Associated sample(s): 06-07,09,12-13,16,19,22-23 Batch: WG1812807-3 WG1812807-4								
1,2-Dibromo-3-chloropropane	78		76		68-130	3		30
Isopropylbenzene	89		93		70-130	4		30
p-Isopropyltoluene	100		98		70-130	2		30
Naphthalene	89		88		70-130	1		30
n-Propylbenzene	96		97		70-130	1		30
1,2,3-Trichlorobenzene	93		90		70-130	3		30
1,2,4-Trichlorobenzene	95		97		70-130	2		30
1,3,5-Trimethylbenzene	90		91		70-130	1		30
1,2,4-Trimethylbenzene	91		93		70-130	2		30
Methyl Acetate	76		76		51-146	0		30
Cyclohexane	84		86		59-142	2		30
1,4-Dioxane	94		90		65-136	4		30
Freon-113	90		91		50-139	1		30
Methyl cyclohexane	96		98		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		93		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	95		90		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis
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Project Name: RITC
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 13 Batch: WG1813136-3 WG1813136-4								
Benzene	110		110		70-130	0		25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		105		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	87		87		70-130
dibromofluoromethane	111		110		70-130

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 EPA 5035 High - Westborough Lab Associated sample(s): 09-10 Batch: WG1813333-3 WG1813333-4								
Methylene chloride	86		87		70-130	1		30
1,1-Dichloroethane	92		92		70-130	0		30
Chloroform	88		89		70-130	1		30
Carbon tetrachloride	84		83		70-130	1		30
1,2-Dichloropropane	94		93		70-130	1		30
Dibromochloromethane	82		84		70-130	2		30
1,1,2-Trichloroethane	92		92		70-130	0		30
Tetrachloroethene	87		85		70-130	2		30
Chlorobenzene	89		88		70-130	1		30
Trichlorofluoromethane	92		89		70-139	3		30
1,2-Dichloroethane	91		92		70-130	1		30
1,1,1-Trichloroethane	92		91		70-130	1		30
Bromodichloromethane	85		86		70-130	1		30
trans-1,3-Dichloropropene	93		93		70-130	0		30
cis-1,3-Dichloropropene	92		94		70-130	2		30
Bromoform	75		78		70-130	4		30
1,1,2,2-Tetrachloroethane	90		94		70-130	4		30
Benzene	92		91		70-130	1		30
Toluene	86		84		70-130	2		30
Ethylbenzene	91		89		70-130	2		30
Chloromethane	85		84		52-130	1		30
Bromomethane	84		82		57-147	2		30
Vinyl chloride	95		91		67-130	4		30

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 EPA 5035 High - Westborough Lab Associated sample(s): 09-10 Batch: WG1813333-3 WG1813333-4								
Chloroethane	89		87		50-151	2		30
1,1-Dichloroethene	92		90		65-135	2		30
trans-1,2-Dichloroethene	90		90		70-130	0		30
Trichloroethene	92		91		70-130	1		30
1,2-Dichlorobenzene	91		91		70-130	0		30
1,3-Dichlorobenzene	90		91		70-130	1		30
1,4-Dichlorobenzene	89		89		70-130	0		30
Methyl tert butyl ether	94		95		66-130	1		30
p/m-Xylene	92		90		70-130	2		30
o-Xylene	91		90		70-130	1		30
cis-1,2-Dichloroethene	89		88		70-130	1		30
Styrene	90		89		70-130	1		30
Dichlorodifluoromethane	81		79		30-146	3		30
Acetone	90		94		54-140	4		30
Carbon disulfide	83		82		59-130	1		30
2-Butanone	96		102		70-130	6		30
4-Methyl-2-pentanone	94		94		70-130	0		30
2-Hexanone	91		93		70-130	2		30
Bromochloromethane	88		88		70-130	0		30
1,2-Dibromoethane	90		92		70-130	2		30
n-Butylbenzene	99		97		70-130	2		30
sec-Butylbenzene	96		94		70-130	2		30
tert-Butylbenzene	93		93		70-130	0		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 EPA 5035 High - Westborough Lab Associated sample(s): 09-10 Batch: WG1813333-3 WG1813333-4								
1,2-Dibromo-3-chloropropane	76		79		68-130	4		30
Isopropylbenzene	95		94		70-130	1		30
p-Isopropyltoluene	95		93		70-130	2		30
Naphthalene	89		94		70-130	5		30
n-Propylbenzene	97		96		70-130	1		30
1,2,3-Trichlorobenzene	86		89		70-130	3		30
1,2,4-Trichlorobenzene	90		90		70-130	0		30
1,3,5-Trimethylbenzene	94		94		70-130	0		30
1,2,4-Trimethylbenzene	94		93		70-130	1		30
Methyl Acetate	94		97		51-146	3		30
Cyclohexane	98		95		59-142	3		30
1,4-Dioxane	89		91		65-136	2		30
Freon-113	94		90		50-139	4		30
Methyl cyclohexane	92		90		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	98		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
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Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG1813721-3 WG1813721-4								
Methylene chloride	88		86		70-130	2		30
1,1-Dichloroethane	91		90		70-130	1		30
Chloroform	98		97		70-130	1		30
Carbon tetrachloride	118		117		70-130	1		30
1,2-Dichloropropane	88		88		70-130	0		30
Dibromochloromethane	98		101		70-130	3		30
1,1,2-Trichloroethane	95		94		70-130	1		30
Tetrachloroethene	99		100		70-130	1		30
Chlorobenzene	92		94		70-130	2		30
Trichlorofluoromethane	114		115		70-139	1		30
1,2-Dichloroethane	92		93		70-130	1		30
1,1,1-Trichloroethane	105		106		70-130	1		30
Bromodichloromethane	103		102		70-130	1		30
trans-1,3-Dichloropropene	95		97		70-130	2		30
cis-1,3-Dichloropropene	101		102		70-130	1		30
Bromoform	81		80		70-130	1		30
1,1,2,2-Tetrachloroethane	89		79		70-130	12		30
Benzene	97		98		70-130	1		30
Toluene	89		91		70-130	2		30
Ethylbenzene	89		92		70-130	3		30
Chloromethane	78		78		52-130	0		30
Bromomethane	90		87		57-147	3		30
Vinyl chloride	87		84		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG1813721-3 WG1813721-4								
Chloroethane	85		87		50-151	2		30
1,1-Dichloroethene	90		88		65-135	2		30
trans-1,2-Dichloroethene	91		90		70-130	1		30
Trichloroethene	97		106		70-130	9		30
1,2-Dichlorobenzene	92		92		70-130	0		30
1,3-Dichlorobenzene	95		95		70-130	0		30
1,4-Dichlorobenzene	93		93		70-130	0		30
Methyl tert butyl ether	106		106		66-130	0		30
p/m-Xylene	93		95		70-130	2		30
o-Xylene	92		93		70-130	1		30
cis-1,2-Dichloroethene	92		92		70-130	0		30
Styrene	99		99		70-130	0		30
Dichlorodifluoromethane	95		95		30-146	0		30
Acetone	93		84		54-140	10		30
Carbon disulfide	91		89		59-130	2		30
2-Butanone	78		78		70-130	0		30
4-Methyl-2-pentanone	72		73		70-130	1		30
2-Hexanone	**66**	Q	**67**	Q	70-130	2		30
Bromochloromethane	101		99		70-130	2		30
1,2-Dibromoethane	92		91		70-130	1		30
n-Butylbenzene	99		100		70-130	1		30
sec-Butylbenzene	90		90		70-130	0		30
tert-Butylbenzene	87		87		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG1813721-3 WG1813721-4								
1,2-Dibromo-3-chloropropane	78		78		68-130	0		30
Isopropylbenzene	82		82		70-130	0		30
p-Isopropyltoluene	92		91		70-130	1		30
Naphthalene	86		84		70-130	2		30
n-Propylbenzene	88		88		70-130	0		30
1,2,3-Trichlorobenzene	90		88		70-130	2		30
1,2,4-Trichlorobenzene	88		88		70-130	0		30
1,3,5-Trimethylbenzene	86		86		70-130	0		30
1,2,4-Trimethylbenzene	86		87		70-130	1		30
Methyl Acetate	85		83		51-146	2		30
Cyclohexane	82		81		59-142	1		30
1,4-Dioxane	96		98		65-136	2		30
Freon-113	99		99		50-139	0		30
Methyl cyclohexane	96		96		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		107		70-130
Toluene-d8	94		96		70-130
4-Bromofluorobenzene	83		82		70-130
Dibromofluoromethane	105		108		70-130

SEMIVOLATILES

Project Name: RITC
Project Number: SECONDARY CNTS.-WA

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-01 D
Client ID: WAL-01-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:25
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/04/23 17:56
Analyst: JG
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2300	J	ug/kg	4300	560	25
1,2,4-Trichlorobenzene	ND		ug/kg	5400	620	25
Hexachlorobenzene	ND		ug/kg	3200	600	25
Bis(2-chloroethyl)ether	ND		ug/kg	4900	730	25
2-Chloronaphthalene	ND		ug/kg	5400	540	25
1,2-Dichlorobenzene	ND		ug/kg	5400	970	25
1,3-Dichlorobenzene	ND		ug/kg	5400	930	25
1,4-Dichlorobenzene	ND		ug/kg	5400	940	25
3,3'-Dichlorobenzidine	ND		ug/kg	5400	1400	25
2,4-Dinitrotoluene	ND		ug/kg	5400	1100	25
2,6-Dinitrotoluene	ND		ug/kg	5400	930	25
Fluoranthene	150000		ug/kg	3200	620	25
4-Chlorophenyl phenyl ether	ND		ug/kg	5400	580	25
4-Bromophenyl phenyl ether	ND		ug/kg	5400	820	25
Bis(2-chloroisopropyl)ether	ND		ug/kg	6500	920	25
Bis(2-chloroethoxy)methane	ND		ug/kg	5800	540	25
Hexachlorobutadiene	ND		ug/kg	5400	790	25
Hexachlorocyclopentadiene	ND		ug/kg	15000	4900	25
Hexachloroethane	ND		ug/kg	4300	870	25
Isophorone	ND		ug/kg	4900	700	25
Naphthalene	33000		ug/kg	5400	660	25
Nitrobenzene	ND		ug/kg	4900	800	25
NDPA/DPA	ND		ug/kg	4300	620	25
n-Nitrosodi-n-propylamine	ND		ug/kg	5400	830	25
Bis(2-ethylhexyl)phthalate	ND		ug/kg	5400	1900	25
Butyl benzyl phthalate	ND		ug/kg	5400	1400	25
Di-n-butylphthalate	ND		ug/kg	5400	1000	25
Di-n-octylphthalate	ND		ug/kg	5400	1800	25

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-01 D
Client ID: WAL-01-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:25
Date Received: 07/25/23
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	5400	500	25
Dimethyl phthalate	ND		ug/kg	5400	1100	25
Benzo(a)anthracene	79000		ug/kg	3200	610	25
Benzo(a)pyrene	77000		ug/kg	4300	1300	25
Benzo(b)fluoranthene	120000		ug/kg	3200	910	25
Benzo(k)fluoranthene	28000		ug/kg	3200	860	25
Chrysene	71000		ug/kg	3200	560	25
Acenaphthylene	23000		ug/kg	4300	830	25
Anthracene	14000		ug/kg	3200	1000	25
Benzo(ghi)perylene	54000		ug/kg	4300	640	25
Fluorene	8700		ug/kg	5400	520	25
Phenanthrene	36000		ug/kg	3200	660	25
Dibenzo(a,h)anthracene	12000		ug/kg	3200	620	25
Indeno(1,2,3-cd)pyrene	69000		ug/kg	4300	750	25
Pyrene	110000		ug/kg	3200	540	25
Biphenyl	1000	J	ug/kg	12000	700	25
4-Chloroaniline	ND		ug/kg	5400	980	25
2-Nitroaniline	ND		ug/kg	5400	1000	25
3-Nitroaniline	ND		ug/kg	5400	1000	25
4-Nitroaniline	ND		ug/kg	5400	2200	25
Dibenzofuran	5900		ug/kg	5400	510	25
2-Methylnaphthalene	2800	J	ug/kg	6500	650	25
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	5400	560	25
Acetophenone	ND		ug/kg	5400	670	25
2,4,6-Trichlorophenol	ND		ug/kg	3200	1000	25
p-Chloro-m-cresol	ND		ug/kg	5400	800	25
2-Chlorophenol	ND		ug/kg	5400	640	25
2,4-Dichlorophenol	ND		ug/kg	4900	870	25
2,4-Dimethylphenol	ND		ug/kg	5400	1800	25
2-Nitrophenol	ND		ug/kg	12000	2000	25
4-Nitrophenol	ND		ug/kg	7600	2200	25
2,4-Dinitrophenol	ND		ug/kg	26000	2500	25
4,6-Dinitro-o-cresol	ND		ug/kg	14000	2600	25
Pentachlorophenol	ND		ug/kg	4300	1200	25
Phenol	7900		ug/kg	5400	820	25
2-Methylphenol	2000	J	ug/kg	5400	840	25
3-Methylphenol/4-Methylphenol	5800	J	ug/kg	7800	850	25

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-01 D
Client ID: WAL-01-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:25
Date Received: 07/25/23
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	5400	1000	25
Benzoic Acid	ND		ug/kg	18000	5500	25
Benzyl Alcohol	ND		ug/kg	5400	1600	25
Carbazole	14000		ug/kg	5400	520	25
1,4-Dioxane	ND		ug/kg	810	250	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-02
Client ID: WAL-02-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:30
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/03/23 13:05
Analyst: MG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1600		ug/kg	430	55.	1
1,2,4-Trichlorobenzene	ND		ug/kg	530	61.	1
Hexachlorobenzene	ND		ug/kg	320	60.	1
Bis(2-chloroethyl)ether	ND		ug/kg	480	72.	1
2-Chloronaphthalene	ND		ug/kg	530	53.	1
1,2-Dichlorobenzene	ND		ug/kg	530	96.	1
1,3-Dichlorobenzene	ND		ug/kg	530	92.	1
1,4-Dichlorobenzene	ND		ug/kg	530	93.	1
3,3'-Dichlorobenzidine	ND		ug/kg	530	140	1
2,4-Dinitrotoluene	ND		ug/kg	530	110	1
2,6-Dinitrotoluene	ND		ug/kg	530	92.	1
Fluoranthene	34000	E	ug/kg	320	61.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	530	57.	1
4-Bromophenyl phenyl ether	ND		ug/kg	530	81.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	640	91.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	580	53.	1
Hexachlorobutadiene	ND		ug/kg	530	78.	1
Hexachlorocyclopentadiene	ND		ug/kg	1500	480	1
Hexachloroethane	ND		ug/kg	430	86.	1
Isophorone	ND		ug/kg	480	69.	1
Naphthalene	28000	E	ug/kg	530	65.	1
Nitrobenzene	ND		ug/kg	480	79.	1
NDPA/DPA	ND		ug/kg	430	61.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	530	82.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	530	180	1
Butyl benzyl phthalate	ND		ug/kg	530	130	1
Di-n-butylphthalate	ND		ug/kg	530	100	1
Di-n-octylphthalate	ND		ug/kg	530	180	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-02 Date Collected: 07/25/23 10:30

Client ID: WAL-02-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	530	49.	1
Dimethyl phthalate	ND		ug/kg	530	110	1
Benzo(a)anthracene	16000		ug/kg	320	60.	1
Benzo(a)pyrene	14000		ug/kg	430	130	1
Benzo(b)fluoranthene	19000		ug/kg	320	90.	1
Benzo(k)fluoranthene	5600		ug/kg	320	85.	1
Chrysene	15000		ug/kg	320	55.	1
Acenaphthylene	7700		ug/kg	430	82.	1
Anthracene	7500		ug/kg	320	100	1
Benzo(ghi)perylene	7100		ug/kg	430	63.	1
Fluorene	7600		ug/kg	530	52.	1
Phenanthrene	23000	E	ug/kg	320	65.	1
Dibenzo(a,h)anthracene	2100		ug/kg	320	62.	1
Indeno(1,2,3-cd)pyrene	9000		ug/kg	430	74.	1
Pyrene	25000	E	ug/kg	320	53.	1
Biphenyl	930	J	ug/kg	1200	69.	1
4-Chloroaniline	ND		ug/kg	530	97.	1
2-Nitroaniline	ND		ug/kg	530	100	1
3-Nitroaniline	ND		ug/kg	530	100	1
4-Nitroaniline	ND		ug/kg	530	220	1
Dibenzofuran	4500		ug/kg	530	50.	1
2-Methylnaphthalene	1900		ug/kg	640	64.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	530	56.	1
Acetophenone	180	J	ug/kg	530	66.	1
2,4,6-Trichlorophenol	ND		ug/kg	320	100	1
p-Chloro-m-cresol	ND		ug/kg	530	79.	1
2-Chlorophenol	ND		ug/kg	530	63.	1
2,4-Dichlorophenol	ND		ug/kg	480	86.	1
2,4-Dimethylphenol	1100		ug/kg	530	180	1
2-Nitrophenol	ND		ug/kg	1200	200	1
4-Nitrophenol	ND		ug/kg	750	220	1
2,4-Dinitrophenol	ND		ug/kg	2600	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	1400	260	1
Pentachlorophenol	ND		ug/kg	430	120	1
Phenol	12000		ug/kg	530	80.	1
2-Methylphenol	4500		ug/kg	530	83.	1
3-Methylphenol/4-Methylphenol	13000		ug/kg	770	84.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-02 Date Collected: 07/25/23 10:30

Client ID: WAL-02-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	530	100	1
Benzoic Acid	ND		ug/kg	1700	540	1
Benzyl Alcohol	ND		ug/kg	530	160	1
Carbazole	3600		ug/kg	530	52.	1
1,4-Dioxane	ND		ug/kg	80	24.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	106		25-120
Phenol-d6	109		10-120
Nitrobenzene-d5	115		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	114		10-136
4-Terphenyl-d14	54		18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-02 D
Client ID: WAL-02-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:30
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 13:03
Analyst: MG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	56000		ug/kg	1600	310	5
Naphthalene	41000		ug/kg	2700	320	5
Phenanthrene	32000		ug/kg	1600	320	5
Pyrene	41000		ug/kg	1600	260	5

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-03 D2
Client ID: WAL-03-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:35
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/06/23 17:11
Analyst: CMM
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	480000		ug/kg	14000	1600	20

Project Name: RITC
Project Number: SECONDARY CNTS.-WA

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-03 D
Client ID: WAL-03-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:35
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/04/23 19:03
Analyst: JG
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	6800		ug/kg	5400	700	10
1,2,4-Trichlorobenzene	ND		ug/kg	6800	780	10
Hexachlorobenzene	ND		ug/kg	4100	760	10
Bis(2-chloroethyl)ether	ND		ug/kg	6100	920	10
2-Chloronaphthalene	ND		ug/kg	6800	670	10
1,2-Dichlorobenzene	ND		ug/kg	6800	1200	10
1,3-Dichlorobenzene	ND		ug/kg	6800	1200	10
1,4-Dichlorobenzene	ND		ug/kg	6800	1200	10
3,3'-Dichlorobenzidine	ND		ug/kg	6800	1800	10
2,4-Dinitrotoluene	ND		ug/kg	6800	1400	10
2,6-Dinitrotoluene	ND		ug/kg	6800	1200	10
Fluoranthene	160000		ug/kg	4100	780	10
4-Chlorophenyl phenyl ether	ND		ug/kg	6800	730	10
4-Bromophenyl phenyl ether	ND		ug/kg	6800	1000	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	8200	1200	10
Bis(2-chloroethoxy)methane	ND		ug/kg	7300	680	10
Hexachlorobutadiene	ND		ug/kg	6800	1000	10
Hexachlorocyclopentadiene	ND		ug/kg	19000	6200	10
Hexachloroethane	ND		ug/kg	5400	1100	10
Isophorone	ND		ug/kg	6100	880	10
Naphthalene	370000	E	ug/kg	6800	830	10
Nitrobenzene	ND		ug/kg	6100	1000	10
NDPA/DPA	ND		ug/kg	5400	770	10
n-Nitrosodi-n-propylamine	ND		ug/kg	6800	1000	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	6800	2400	10
Butyl benzyl phthalate	ND		ug/kg	6800	1700	10
Di-n-butylphthalate	ND		ug/kg	6800	1300	10
Di-n-octylphthalate	ND		ug/kg	6800	2300	10

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-03 D
Client ID: WAL-03-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:35
Date Received: 07/25/23
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	6800	630	10
Dimethyl phthalate	ND		ug/kg	6800	1400	10
Benzo(a)anthracene	65000		ug/kg	4100	760	10
Benzo(a)pyrene	52000		ug/kg	5400	1600	10
Benzo(b)fluoranthene	65000		ug/kg	4100	1100	10
Benzo(k)fluoranthene	24000		ug/kg	4100	1100	10
Chrysene	55000		ug/kg	4100	710	10
Acenaphthylene	62000		ug/kg	5400	1000	10
Anthracene	52000		ug/kg	4100	1300	10
Benzo(ghi)perylene	23000		ug/kg	5400	800	10
Fluorene	69000		ug/kg	6800	660	10
Phenanthrene	190000		ug/kg	4100	830	10
Dibenzo(a,h)anthracene	6400		ug/kg	4100	790	10
Indeno(1,2,3-cd)pyrene	27000		ug/kg	5400	950	10
Pyrene	110000		ug/kg	4100	680	10
Biphenyl	14000	J	ug/kg	16000	880	10
4-Chloroaniline	ND		ug/kg	6800	1200	10
2-Nitroaniline	ND		ug/kg	6800	1300	10
3-Nitroaniline	ND		ug/kg	6800	1300	10
4-Nitroaniline	ND		ug/kg	6800	2800	10
Dibenzofuran	48000		ug/kg	6800	640	10
2-Methylnaphthalene	69000		ug/kg	8200	820	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	6800	710	10
Acetophenone	ND		ug/kg	6800	840	10
2,4,6-Trichlorophenol	ND		ug/kg	4100	1300	10
p-Chloro-m-cresol	ND		ug/kg	6800	1000	10
2-Chlorophenol	ND		ug/kg	6800	800	10
2,4-Dichlorophenol	ND		ug/kg	6100	1100	10
2,4-Dimethylphenol	ND		ug/kg	6800	2200	10
2-Nitrophenol	ND		ug/kg	15000	2600	10
4-Nitrophenol	ND		ug/kg	9500	2800	10
2,4-Dinitrophenol	ND		ug/kg	33000	3200	10
4,6-Dinitro-o-cresol	ND		ug/kg	18000	3300	10
Pentachlorophenol	ND		ug/kg	5400	1500	10
Phenol	8400		ug/kg	6800	1000	10
2-Methylphenol	4400	J	ug/kg	6800	1000	10
3-Methylphenol/4-Methylphenol	8700	J	ug/kg	9800	1100	10

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-03 D
Client ID: WAL-03-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:35
Date Received: 07/25/23
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	6800	1300	10
Benzoic Acid	ND		ug/kg	22000	6900	10
Benzyl Alcohol	ND		ug/kg	6800	2100	10
Carbazole	23000		ug/kg	6800	660	10
1,4-Dioxane	ND		ug/kg	1000	310	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	114		25-120
Phenol-d6	**124**	Q	10-120
Nitrobenzene-d5	**135**	Q	23-120
2-Fluorobiphenyl	104		30-120
2,4,6-Tribromophenol	115		10-136
4-Terphenyl-d14	85		18-120

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-04
Client ID: WAL-04-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:40
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/03/23 18:05
Analyst: JG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	170		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	1600		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	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	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	13000	E	ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-04 Date Collected: 07/25/23 10:40

Client ID: WAL-04-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	710		ug/kg	120	23.	1
Benzo(a)pyrene	1000		ug/kg	170	51.	1
Benzo(b)fluoranthene	820		ug/kg	120	35.	1
Benzo(k)fluoranthene	370		ug/kg	120	33.	1
Chrysene	670		ug/kg	120	22.	1
Acenaphthylene	720		ug/kg	170	32.	1
Anthracene	510		ug/kg	120	41.	1
Benzo(ghi)perylene	3900		ug/kg	170	24.	1
Fluorene	520		ug/kg	210	20.	1
Phenanthrene	1800		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	760		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	2700		ug/kg	170	29.	1
Pyrene	1200		ug/kg	120	21.	1
Biphenyl	130	J	ug/kg	480	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	86.	1
Dibenzofuran	380		ug/kg	210	20.	1
2-Methylnaphthalene	610		ug/kg	250	25.	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	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	180	J	ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	590		ug/kg	210	31.	1
2-Methylphenol	220		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	690		ug/kg	300	33.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-04 Date Collected: 07/25/23 10:40

Client ID: WAL-04-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	230		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	44		10-136
4-Terphenyl-d14	42		18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-04 D
Client ID: WAL-04-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:40
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/04/23 19:28
Analyst: JG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	15000		ug/kg	1000	130	5

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-05
Client ID: WAL-05-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:45
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/03/23 18:22
Analyst: JG
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	5500		ug/kg	490	64.	1
1,2,4-Trichlorobenzene	ND		ug/kg	620	71.	1
Hexachlorobenzene	ND		ug/kg	370	69.	1
Bis(2-chloroethyl)ether	ND		ug/kg	560	84.	1
2-Chloronaphthalene	ND		ug/kg	620	61.	1
1,2-Dichlorobenzene	ND		ug/kg	620	110	1
1,3-Dichlorobenzene	ND		ug/kg	620	110	1
1,4-Dichlorobenzene	ND		ug/kg	620	110	1
3,3'-Dichlorobenzidine	ND		ug/kg	620	160	1
2,4-Dinitrotoluene	ND		ug/kg	620	120	1
2,6-Dinitrotoluene	ND		ug/kg	620	110	1
Fluoranthene	75000	E	ug/kg	370	71.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	620	66.	1
4-Bromophenyl phenyl ether	ND		ug/kg	620	94.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	740	100	1
Bis(2-chloroethoxy)methane	ND		ug/kg	670	62.	1
Hexachlorobutadiene	ND		ug/kg	620	90.	1
Hexachlorocyclopentadiene	ND		ug/kg	1800	560	1
Hexachloroethane	ND		ug/kg	490	100	1
Isophorone	ND		ug/kg	560	80.	1
Naphthalene	120000	E	ug/kg	620	75.	1
Nitrobenzene	ND		ug/kg	560	92.	1
NDPA/DPA	ND		ug/kg	490	70.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	620	96.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	620	210	1
Butyl benzyl phthalate	ND		ug/kg	620	160	1
Di-n-butylphthalate	ND		ug/kg	620	120	1
Di-n-octylphthalate	ND		ug/kg	620	210	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-05 Date Collected: 07/25/23 10:45

Client ID: WAL-05-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	620	57.	1
Dimethyl phthalate	ND		ug/kg	620	130	1
Benzo(a)anthracene	40000	E	ug/kg	370	70.	1
Benzo(a)pyrene	37000	E	ug/kg	490	150	1
Benzo(b)fluoranthene	47000	E	ug/kg	370	100	1
Benzo(k)fluoranthene	9700		ug/kg	370	99.	1
Chrysene	40000	E	ug/kg	370	64.	1
Acenaphthylene	43000	E	ug/kg	490	96.	1
Anthracene	42000	E	ug/kg	370	120	1
Benzo(ghi)perylene	16000		ug/kg	490	73.	1
Fluorene	44000	E	ug/kg	620	60.	1
Phenanthrene	93000	E	ug/kg	370	75.	1
Dibenzo(a,h)anthracene	5000		ug/kg	370	72.	1
Indeno(1,2,3-cd)pyrene	16000		ug/kg	490	86.	1
Pyrene	61000	E	ug/kg	370	62.	1
Biphenyl	7400		ug/kg	1400	80.	1
4-Chloroaniline	ND		ug/kg	620	110	1
2-Nitroaniline	ND		ug/kg	620	120	1
3-Nitroaniline	ND		ug/kg	620	120	1
4-Nitroaniline	ND		ug/kg	620	260	1
Dibenzofuran	30000	E	ug/kg	620	58.	1
2-Methylnaphthalene	32000	E	ug/kg	740	75.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	620	64.	1
Acetophenone	ND		ug/kg	620	76.	1
2,4,6-Trichlorophenol	ND		ug/kg	370	120	1
p-Chloro-m-cresol	ND		ug/kg	620	92.	1
2-Chlorophenol	ND		ug/kg	620	73.	1
2,4-Dichlorophenol	ND		ug/kg	560	99.	1
2,4-Dimethylphenol	560	J	ug/kg	620	200	1
2-Nitrophenol	ND		ug/kg	1300	230	1
4-Nitrophenol	ND		ug/kg	870	250	1
2,4-Dinitrophenol	ND		ug/kg	3000	290	1
4,6-Dinitro-o-cresol	ND		ug/kg	1600	300	1
Pentachlorophenol	ND		ug/kg	490	140	1
Phenol	4100		ug/kg	620	93.	1
2-Methylphenol	1100		ug/kg	620	96.	1
3-Methylphenol/4-Methylphenol	3400		ug/kg	890	97.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-05 Date Collected: 07/25/23 10:45

Client ID: WAL-05-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	620	120	1
Benzoic Acid	ND		ug/kg	2000	630	1
Benzyl Alcohol	ND		ug/kg	620	190	1
Carbazole	18000		ug/kg	620	60.	1
1,4-Dioxane	ND		ug/kg	93	28.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	36		10-136
4-Terphenyl-d14	53		18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-05 D
Client ID: WAL-05-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:45
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/04/23 19:52
Analyst: JG
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	130000		ug/kg	7400	1400	20
Naphthalene	320000		ug/kg	12000	1500	20
Benzo(a)anthracene	53000		ug/kg	7400	1400	20
Benzo(a)pyrene	42000		ug/kg	9900	3000	20
Benzo(b)fluoranthene	54000		ug/kg	7400	2100	20
Chrysene	50000		ug/kg	7400	1300	20
Acenaphthylene	54000		ug/kg	9900	1900	20
Anthracene	50000		ug/kg	7400	2400	20
Fluorene	56000		ug/kg	12000	1200	20
Phenanthrene	170000		ug/kg	7400	1500	20
Pyrene	90000		ug/kg	7400	1200	20
Dibenzofuran	38000		ug/kg	12000	1200	20
2-Methylnaphthalene	40000		ug/kg	15000	1500	20

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-06
Client ID: WAL-06-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA
Date Collected: 07/25/23 10:50
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/03/23 13:29
Analyst: MG
Percent Solids: 78%
Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	4600		ug/kg	500	64.	1
1,2,4-Trichlorobenzene	ND		ug/kg	620	71.	1
Hexachlorobenzene	ND		ug/kg	370	70.	1
Bis(2-chloroethyl)ether	ND		ug/kg	560	84.	1
2-Chloronaphthalene	ND		ug/kg	620	62.	1
1,2-Dichlorobenzene	ND		ug/kg	620	110	1
1,3-Dichlorobenzene	ND		ug/kg	620	110	1
1,4-Dichlorobenzene	ND		ug/kg	620	110	1
3,3'-Dichlorobenzidine	ND		ug/kg	620	160	1
2,4-Dinitrotoluene	ND		ug/kg	620	120	1
2,6-Dinitrotoluene	ND		ug/kg	620	110	1
Fluoranthene	22000		ug/kg	370	71.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	620	66.	1
4-Bromophenyl phenyl ether	ND		ug/kg	620	95.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	740	110	1
Bis(2-chloroethoxy)methane	ND		ug/kg	670	62.	1
Hexachlorobutadiene	ND		ug/kg	620	91.	1
Hexachlorocyclopentadiene	ND		ug/kg	1800	560	1
Hexachloroethane	ND		ug/kg	500	100	1
Isophorone	ND		ug/kg	560	81.	1
Naphthalene	61000	E	ug/kg	620	76.	1
Nitrobenzene	ND		ug/kg	560	92.	1
NDPA/DPA	ND		ug/kg	500	71.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	620	96.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	620	220	1
Butyl benzyl phthalate	ND		ug/kg	620	160	1
Di-n-butylphthalate	ND		ug/kg	620	120	1
Di-n-octylphthalate	ND		ug/kg	620	210	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-06 Date Collected: 07/25/23 10:50

Client ID: WAL-06-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	620	58.	1
Dimethyl phthalate	ND		ug/kg	620	130	1
Benzo(a)anthracene	8600		ug/kg	370	70.	1
Benzo(a)pyrene	7800		ug/kg	500	150	1
Benzo(b)fluoranthene	9000		ug/kg	370	100	1
Benzo(k)fluoranthene	3000		ug/kg	370	99.	1
Chrysene	8300		ug/kg	370	65.	1
Acenaphthylene	5800		ug/kg	500	96.	1
Anthracene	7700		ug/kg	370	120	1
Benzo(ghi)perylene	3900		ug/kg	500	73.	1
Fluorene	8700		ug/kg	620	60.	1
Phenanthrene	29000	E	ug/kg	370	76.	1
Dibenzo(a,h)anthracene	990		ug/kg	370	72.	1
Indeno(1,2,3-cd)pyrene	4600		ug/kg	500	87.	1
Pyrene	16000		ug/kg	370	62.	1
Biphenyl	1800		ug/kg	1400	81.	1
4-Chloroaniline	ND		ug/kg	620	110	1
2-Nitroaniline	ND		ug/kg	620	120	1
3-Nitroaniline	ND		ug/kg	620	120	1
4-Nitroaniline	ND		ug/kg	620	260	1
Dibenzofuran	5700		ug/kg	620	59.	1
2-Methylnaphthalene	8700		ug/kg	740	75.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	620	65.	1
Acetophenone	110	J	ug/kg	620	77.	1
2,4,6-Trichlorophenol	ND		ug/kg	370	120	1
p-Chloro-m-cresol	ND		ug/kg	620	93.	1
2-Chlorophenol	ND		ug/kg	620	73.	1
2,4-Dichlorophenol	ND		ug/kg	560	100	1
2,4-Dimethylphenol	560	J	ug/kg	620	200	1
2-Nitrophenol	ND		ug/kg	1300	230	1
4-Nitrophenol	ND		ug/kg	870	250	1
2,4-Dinitrophenol	ND		ug/kg	3000	290	1
4,6-Dinitro-o-cresol	ND		ug/kg	1600	300	1
Pentachlorophenol	ND		ug/kg	500	140	1
Phenol	350	J	ug/kg	620	94.	1
2-Methylphenol	650		ug/kg	620	96.	1
3-Methylphenol/4-Methylphenol	560	J	ug/kg	900	97.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-06 Date Collected: 07/25/23 10:50

Client ID: WAL-06-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	620	120	1
Benzoic Acid	ND		ug/kg	2000	630	1
Benzyl Alcohol	ND		ug/kg	620	190	1
Carbazole	3100		ug/kg	620	60.	1
1,4-Dioxane	ND		ug/kg	93	28.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	65		18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-06 D
Client ID: WAL-06-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:50
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 13:19
Analyst: MG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	120000		ug/kg	3100	380	5
Phenanthrene	44000		ug/kg	1900	380	5

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/02/23 11:23
Analyst: ALS
Percent Solids: 83%
TCLP/SPLP Ext. Date: 07/28/23 05:37

Extraction Method: EPA 3510C
Extraction Date: 07/31/23 14:22

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	170		ug/l	25	5.5	1
3-Methylphenol/4-Methylphenol	280		ug/l	25	2.8	1
2,4,5-Trichlorophenol	ND		ug/l	25	1.9	1
Pyridine	ND		ug/l	18	4.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		21-120
Phenol-d6	76		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	116		10-120
4-Terphenyl-d14	94		33-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07 D3
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 19:59
Analyst: MG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	2100000		ug/kg	140000	18000	250

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07 D2
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 15:16
Analyst: MG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220000		ug/kg	23000	3000	50
Fluoranthene	370000		ug/kg	17000	3300	50
Fluorene	160000		ug/kg	29000	2800	50
Phenanthrene	520000		ug/kg	17000	3500	50
Pyrene	260000		ug/kg	17000	2900	50
2-Methylnaphthalene	230000		ug/kg	34000	3500	50

Project Name: RITC
Project Number: SECONDARY CNTS.-WA

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07 D
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 14:59
Analyst: MG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	170000	E	ug/kg	2300	300	5
1,2,4-Trichlorobenzene	ND		ug/kg	2900	330	5
Hexachlorobenzene	ND		ug/kg	1700	320	5
Bis(2-chloroethyl)ether	ND		ug/kg	2600	390	5
2-Chloronaphthalene	ND		ug/kg	2900	280	5
1,2-Dichlorobenzene	ND		ug/kg	2900	520	5
1,3-Dichlorobenzene	ND		ug/kg	2900	500	5
1,4-Dichlorobenzene	ND		ug/kg	2900	500	5
3,3'-Dichlorobenzidine	ND		ug/kg	2900	770	5
2,4-Dinitrotoluene	ND		ug/kg	2900	580	5
2,6-Dinitrotoluene	ND		ug/kg	2900	490	5
Fluoranthene	260000	E	ug/kg	1700	330	5
4-Chlorophenyl phenyl ether	ND		ug/kg	2900	310	5
4-Bromophenyl phenyl ether	ND		ug/kg	2900	440	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	3400	490	5
Bis(2-chloroethoxy)methane	ND		ug/kg	3100	290	5
Hexachlorobutadiene	ND		ug/kg	2900	420	5
Hexachlorocyclopentadiene	ND		ug/kg	8200	2600	5
Hexachloroethane	ND		ug/kg	2300	470	5
Isophorone	ND		ug/kg	2600	370	5
Naphthalene	550000	E	ug/kg	2900	350	5
Nitrobenzene	ND		ug/kg	2600	430	5
NDPA/DPA	ND		ug/kg	2300	330	5
n-Nitrosodi-n-propylamine	ND		ug/kg	2900	440	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	2900	1000	5
Butyl benzyl phthalate	ND		ug/kg	2900	730	5
Di-n-butylphthalate	ND		ug/kg	2900	550	5
Di-n-octylphthalate	ND		ug/kg	2900	980	5

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07 D
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
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	2900	270	5
Dimethyl phthalate	ND		ug/kg	2900	600	5
Benzo(a)anthracene	98000		ug/kg	1700	320	5
Benzo(a)pyrene	92000		ug/kg	2300	700	5
Benzo(b)fluoranthene	110000		ug/kg	1700	480	5
Benzo(k)fluoranthene	26000		ug/kg	1700	460	5
Chrysene	77000		ug/kg	1700	300	5
Acenaphthylene	70000		ug/kg	2300	440	5
Anthracene	94000		ug/kg	1700	560	5
Benzo(ghi)perylene	54000		ug/kg	2300	340	5
Fluorene	140000	E	ug/kg	2900	280	5
Phenanthrene	320000	E	ug/kg	1700	350	5
Dibenzo(a,h)anthracene	15000		ug/kg	1700	330	5
Indeno(1,2,3-cd)pyrene	53000		ug/kg	2300	400	5
Pyrene	190000	E	ug/kg	1700	290	5
Biphenyl	36000		ug/kg	6600	370	5
4-Chloroaniline	ND		ug/kg	2900	520	5
2-Nitroaniline	ND		ug/kg	2900	560	5
3-Nitroaniline	ND		ug/kg	2900	540	5
4-Nitroaniline	ND		ug/kg	2900	1200	5
Dibenzofuran	99000		ug/kg	2900	270	5
2-Methylnaphthalene	190000	E	ug/kg	3400	350	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2900	300	5
Acetophenone	ND		ug/kg	2900	360	5
2,4,6-Trichlorophenol	ND		ug/kg	1700	550	5
p-Chloro-m-cresol	ND		ug/kg	2900	430	5
2-Chlorophenol	ND		ug/kg	2900	340	5
2,4-Dichlorophenol	ND		ug/kg	2600	460	5
2,4-Dimethylphenol	2200	J	ug/kg	2900	950	5
2-Nitrophenol	ND		ug/kg	6200	1100	5
4-Nitrophenol	ND		ug/kg	4000	1200	5
2,4-Dinitrophenol	ND		ug/kg	14000	1300	5
4,6-Dinitro-o-cresol	ND		ug/kg	7500	1400	5
Pentachlorophenol	ND		ug/kg	2300	630	5
Phenol	1800	J	ug/kg	2900	440	5
2-Methylphenol	ND		ug/kg	2900	450	5
3-Methylphenol/4-Methylphenol	2200	J	ug/kg	4100	450	5

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07 D
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
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	2900	550	5
Benzoic Acid	ND		ug/kg	9300	2900	5
Benzyl Alcohol	ND		ug/kg	2900	880	5
Carbazole	46000		ug/kg	2900	280	5
1,4-Dioxane	ND		ug/kg	430	130	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	99		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	63		18-120

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-08
Client ID: WAL-08-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:00
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/04/23 09:59
Analyst: ALS
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	67000	E	ug/kg	490	63.	1
1,2,4-Trichlorobenzene	ND		ug/kg	610	70.	1
Hexachlorobenzene	ND		ug/kg	360	68.	1
Bis(2-chloroethyl)ether	ND		ug/kg	550	82.	1
2-Chloronaphthalene	ND		ug/kg	610	60.	1
1,2-Dichlorobenzene	ND		ug/kg	610	110	1
1,3-Dichlorobenzene	ND		ug/kg	610	100	1
1,4-Dichlorobenzene	ND		ug/kg	610	110	1
3,3'-Dichlorobenzidine	ND		ug/kg	610	160	1
2,4-Dinitrotoluene	ND		ug/kg	610	120	1
2,6-Dinitrotoluene	ND		ug/kg	610	100	1
Fluoranthene	120000	E	ug/kg	360	70.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	610	65.	1
4-Bromophenyl phenyl ether	ND		ug/kg	610	93.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	730	100	1
Bis(2-chloroethoxy)methane	ND		ug/kg	660	61.	1
Hexachlorobutadiene	ND		ug/kg	610	89.	1
Hexachlorocyclopentadiene	ND		ug/kg	1700	550	1
Hexachloroethane	ND		ug/kg	490	98.	1
Isophorone	ND		ug/kg	550	79.	1
Naphthalene	120000	E	ug/kg	610	74.	1
Nitrobenzene	ND		ug/kg	550	90.	1
NDPA/DPA	ND		ug/kg	490	69.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	610	94.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	610	210	1
Butyl benzyl phthalate	ND		ug/kg	610	150	1
Di-n-butylphthalate	ND		ug/kg	610	120	1
Di-n-octylphthalate	ND		ug/kg	610	210	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-08 Date Collected: 07/25/23 11:00

Client ID: WAL-08-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	610	56.	1
Dimethyl phthalate	ND		ug/kg	610	130	1
Benzo(a)anthracene	63000	E	ug/kg	360	68.	1
Benzo(a)pyrene	57000	E	ug/kg	490	150	1
Benzo(b)fluoranthene	78000	E	ug/kg	360	100	1
Benzo(k)fluoranthene	15000		ug/kg	360	97.	1
Chrysene	53000	E	ug/kg	360	63.	1
Acenaphthylene	54000	E	ug/kg	490	94.	1
Anthracene	48000	E	ug/kg	360	120	1
Benzo(ghi)perylene	33000	E	ug/kg	490	72.	1
Fluorene	60000	E	ug/kg	610	59.	1
Phenanthrene	120000	E	ug/kg	360	74.	1
Dibenzo(a,h)anthracene	7900		ug/kg	360	70.	1
Indeno(1,2,3-cd)pyrene	42000	E	ug/kg	490	85.	1
Pyrene	94000	E	ug/kg	360	60.	1
Biphenyl	16000		ug/kg	1400	79.	1
4-Chloroaniline	ND		ug/kg	610	110	1
2-Nitroaniline	ND		ug/kg	610	120	1
3-Nitroaniline	ND		ug/kg	610	110	1
4-Nitroaniline	ND		ug/kg	610	250	1
Dibenzofuran	79000	E	ug/kg	610	58.	1
2-Methylnaphthalene	54000	E	ug/kg	730	74.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	610	64.	1
Acetophenone	290	J	ug/kg	610	75.	1
2,4,6-Trichlorophenol	ND		ug/kg	360	120	1
p-Chloro-m-cresol	ND		ug/kg	610	91.	1
2-Chlorophenol	ND		ug/kg	610	72.	1
2,4-Dichlorophenol	ND		ug/kg	550	98.	1
2,4-Dimethylphenol	1200		ug/kg	610	200	1
2-Nitrophenol	ND		ug/kg	1300	230	1
4-Nitrophenol	ND		ug/kg	850	250	1
2,4-Dinitrophenol	ND		ug/kg	2900	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	1600	290	1
Pentachlorophenol	ND		ug/kg	490	130	1
Phenol	8100		ug/kg	610	92.	1
2-Methylphenol	2800		ug/kg	610	94.	1
3-Methylphenol/4-Methylphenol	9300		ug/kg	880	95.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-08 Date Collected: 07/25/23 11:00

Client ID: WAL-08-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	610	120	1
Benzoic Acid	ND		ug/kg	2000	620	1
Benzyl Alcohol	ND		ug/kg	610	190	1
Carbazole	17000		ug/kg	610	59.	1
1,4-Dioxane	ND		ug/kg	91	28.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	47		10-136
4-Terphenyl-d14	67		18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-08 D
Client ID: WAL-08-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:00
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 12:13
Analyst: MG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	72000		ug/kg	9700	1300	20
Fluoranthene	190000		ug/kg	7300	1400	20
Naphthalene	260000		ug/kg	12000	1500	20
Benzo(a)anthracene	68000		ug/kg	7300	1400	20
Benzo(a)pyrene	53000		ug/kg	9700	3000	20
Benzo(b)fluoranthene	70000		ug/kg	7300	2000	20
Chrysene	60000		ug/kg	7300	1300	20
Acenaphthylene	59000		ug/kg	9700	1900	20
Anthracene	58000		ug/kg	7300	2400	20
Benzo(ghi)perylene	30000		ug/kg	9700	1400	20
Fluorene	63000		ug/kg	12000	1200	20
Phenanthrene	200000		ug/kg	7300	1500	20
Indeno(1,2,3-cd)pyrene	29000		ug/kg	9700	1700	20
Pyrene	130000		ug/kg	7300	1200	20
Dibenzofuran	97000		ug/kg	12000	1200	20
2-Methylnaphthalene	57000		ug/kg	15000	1500	20

Project Name: RITC
Project Number: SECONDARY CNTS.-WA

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-09 D
Client ID: WAL-09-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:05
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/08/23 11:10
Analyst: LJG
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 08/07/23 18:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	70000		ug/kg	2700	350	5
1,2,4-Trichlorobenzene	ND		ug/kg	3400	390	5
Hexachlorobenzene	ND		ug/kg	2000	380	5
Bis(2-chloroethyl)ether	ND		ug/kg	3100	460	5
2-Chloronaphthalene	ND		ug/kg	3400	340	5
1,2-Dichlorobenzene	ND		ug/kg	3400	610	5
1,3-Dichlorobenzene	ND		ug/kg	3400	580	5
1,4-Dichlorobenzene	ND		ug/kg	3400	590	5
3,3'-Dichlorobenzidine	ND		ug/kg	3400	900	5
2,4-Dinitrotoluene	ND		ug/kg	3400	680	5
2,6-Dinitrotoluene	ND		ug/kg	3400	580	5
Fluoranthene	17000		ug/kg	2000	390	5
4-Chlorophenyl phenyl ether	ND		ug/kg	3400	360	5
4-Bromophenyl phenyl ether	ND		ug/kg	3400	520	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	4100	580	5
Bis(2-chloroethoxy)methane	ND		ug/kg	3700	340	5
Hexachlorobutadiene	ND		ug/kg	3400	500	5
Hexachlorocyclopentadiene	ND		ug/kg	9700	3100	5
Hexachloroethane	ND		ug/kg	2700	550	5
Isophorone	ND		ug/kg	3100	440	5
Naphthalene	57000		ug/kg	3400	410	5
Nitrobenzene	ND		ug/kg	3100	500	5
NDPA/DPA	ND		ug/kg	2700	390	5
n-Nitrosodi-n-propylamine	ND		ug/kg	3400	520	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	3400	1200	5
Butyl benzyl phthalate	ND		ug/kg	3400	860	5
Di-n-butylphthalate	ND		ug/kg	3400	640	5
Di-n-octylphthalate	ND		ug/kg	3400	1200	5

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-09 D
Client ID: WAL-09-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:05
Date Received: 07/25/23
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	3400	320	5
Dimethyl phthalate	ND		ug/kg	3400	720	5
Benzo(a)anthracene	5800		ug/kg	2000	380	5
Benzo(a)pyrene	4900		ug/kg	2700	830	5
Benzo(b)fluoranthene	6000		ug/kg	2000	570	5
Benzo(k)fluoranthene	2400		ug/kg	2000	540	5
Chrysene	4800		ug/kg	2000	350	5
Acenaphthylene	5100		ug/kg	2700	520	5
Anthracene	5400		ug/kg	2000	660	5
Benzo(ghi)perylene	2400	J	ug/kg	2700	400	5
Fluorene	21000		ug/kg	3400	330	5
Phenanthrene	23000		ug/kg	2000	410	5
Dibenzo(a,h)anthracene	650	J	ug/kg	2000	390	5
Indeno(1,2,3-cd)pyrene	2800		ug/kg	2700	470	5
Pyrene	12000		ug/kg	2000	340	5
Biphenyl	18000		ug/kg	7800	440	5
4-Chloroaniline	ND		ug/kg	3400	620	5
2-Nitroaniline	ND		ug/kg	3400	660	5
3-Nitroaniline	ND		ug/kg	3400	640	5
4-Nitroaniline	ND		ug/kg	3400	1400	5
Dibenzofuran	86000		ug/kg	3400	320	5
2-Methylnaphthalene	39000		ug/kg	4100	410	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3400	360	5
Acetophenone	ND		ug/kg	3400	420	5
2,4,6-Trichlorophenol	ND		ug/kg	2000	640	5
p-Chloro-m-cresol	ND		ug/kg	3400	510	5
2-Chlorophenol	ND		ug/kg	3400	400	5
2,4-Dichlorophenol	ND		ug/kg	3100	550	5
2,4-Dimethylphenol	ND		ug/kg	3400	1100	5
2-Nitrophenol	ND		ug/kg	7400	1300	5
4-Nitrophenol	ND		ug/kg	4800	1400	5
2,4-Dinitrophenol	ND		ug/kg	16000	1600	5
4,6-Dinitro-o-cresol	ND		ug/kg	8800	1600	5
Pentachlorophenol	ND		ug/kg	2700	750	5
Phenol	8800		ug/kg	3400	510	5
2-Methylphenol	970	J	ug/kg	3400	530	5
3-Methylphenol/4-Methylphenol	3500	J	ug/kg	4900	530	5

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-09 D
Client ID: WAL-09-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:05
Date Received: 07/25/23
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	3400	650	5
Benzoic Acid	ND		ug/kg	11000	3400	5
Benzyl Alcohol	ND		ug/kg	3400	1000	5
Carbazole	1800	J	ug/kg	3400	330	5
1,4-Dioxane	ND		ug/kg	510	160	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	60		18-120

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-10
Client ID: WAL-10-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:10
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/04/23 09:12
Analyst: ALS
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	41000	E	ug/kg	510	66.	1
1,2,4-Trichlorobenzene	ND		ug/kg	640	73.	1
Hexachlorobenzene	ND		ug/kg	380	71.	1
Bis(2-chloroethyl)ether	ND		ug/kg	570	86.	1
2-Chloronaphthalene	ND		ug/kg	640	63.	1
1,2-Dichlorobenzene	ND		ug/kg	640	110	1
1,3-Dichlorobenzene	ND		ug/kg	640	110	1
1,4-Dichlorobenzene	ND		ug/kg	640	110	1
3,3'-Dichlorobenzidine	ND		ug/kg	640	170	1
2,4-Dinitrotoluene	ND		ug/kg	640	130	1
2,6-Dinitrotoluene	ND		ug/kg	640	110	1
Fluoranthene	93000	E	ug/kg	380	73.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	640	68.	1
4-Bromophenyl phenyl ether	ND		ug/kg	640	97.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	760	110	1
Bis(2-chloroethoxy)methane	ND		ug/kg	690	64.	1
Hexachlorobutadiene	ND		ug/kg	640	93.	1
Hexachlorocyclopentadiene	ND		ug/kg	1800	580	1
Hexachloroethane	ND		ug/kg	510	100	1
Isophorone	ND		ug/kg	570	82.	1
Naphthalene	64000	E	ug/kg	640	77.	1
Nitrobenzene	ND		ug/kg	570	94.	1
NDPA/DPA	ND		ug/kg	510	72.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	640	98.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	640	220	1
Butyl benzyl phthalate	ND		ug/kg	640	160	1
Di-n-butylphthalate	ND		ug/kg	640	120	1
Di-n-octylphthalate	ND		ug/kg	640	220	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-10 Date Collected: 07/25/23 11:10

Client ID: WAL-10-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	640	59.	1
Dimethyl phthalate	ND		ug/kg	640	130	1
Benzo(a)anthracene	44000	E	ug/kg	380	72.	1
Benzo(a)pyrene	41000	E	ug/kg	510	160	1
Benzo(b)fluoranthene	56000	E	ug/kg	380	110	1
Benzo(k)fluoranthene	13000		ug/kg	380	100	1
Chrysene	39000	E	ug/kg	380	66.	1
Acenaphthylene	26000	E	ug/kg	510	98.	1
Anthracene	33000	E	ug/kg	380	120	1
Benzo(ghi)perylene	23000		ug/kg	510	75.	1
Fluorene	45000	E	ug/kg	640	62.	1
Phenanthrene	91000	E	ug/kg	380	77.	1
Dibenzo(a,h)anthracene	6000		ug/kg	380	74.	1
Indeno(1,2,3-cd)pyrene	30000	E	ug/kg	510	89.	1
Pyrene	69000	E	ug/kg	380	63.	1
Biphenyl	9900		ug/kg	1400	83.	1
4-Chloroaniline	ND		ug/kg	640	120	1
2-Nitroaniline	ND		ug/kg	640	120	1
3-Nitroaniline	ND		ug/kg	640	120	1
4-Nitroaniline	ND		ug/kg	640	260	1
Dibenzofuran	65000	E	ug/kg	640	60.	1
2-Methylnaphthalene	25000		ug/kg	760	77.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	640	66.	1
Acetophenone	260	J	ug/kg	640	79.	1
2,4,6-Trichlorophenol	ND		ug/kg	380	120	1
p-Chloro-m-cresol	ND		ug/kg	640	95.	1
2-Chlorophenol	ND		ug/kg	640	75.	1
2,4-Dichlorophenol	ND		ug/kg	570	100	1
2,4-Dimethylphenol	1400		ug/kg	640	210	1
2-Nitrophenol	ND		ug/kg	1400	240	1
4-Nitrophenol	ND		ug/kg	890	260	1
2,4-Dinitrophenol	ND		ug/kg	3000	300	1
4,6-Dinitro-o-cresol	ND		ug/kg	1600	300	1
Pentachlorophenol	ND		ug/kg	510	140	1
Phenol	20000		ug/kg	640	96.	1
2-Methylphenol	3800		ug/kg	640	98.	1
3-Methylphenol/4-Methylphenol	12000		ug/kg	920	100	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-10 Date Collected: 07/25/23 11:10

Client ID: WAL-10-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	640	120	1
Benzoic Acid	ND		ug/kg	2100	640	1
Benzyl Alcohol	ND		ug/kg	640	190	1
Carbazole	10000		ug/kg	640	62.	1
1,4-Dioxane	ND		ug/kg	95	29.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	107		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	38		10-136
4-Terphenyl-d14	72		18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-10 D
Client ID: WAL-10-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:10
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 17:29
Analyst: MG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	53000		ug/kg	5100	660	10
Fluoranthene	150000		ug/kg	3800	730	10
Naphthalene	96000		ug/kg	6400	770	10
Benzo(a)anthracene	58000		ug/kg	3800	720	10
Benzo(a)pyrene	47000		ug/kg	5100	1600	10
Benzo(b)fluoranthene	60000		ug/kg	3800	1100	10
Chrysene	53000		ug/kg	3800	660	10
Acenaphthylene	36000		ug/kg	5100	980	10
Anthracene	48000		ug/kg	3800	1200	10
Fluorene	57000		ug/kg	6400	620	10
Phenanthrene	160000		ug/kg	3800	770	10
Indeno(1,2,3-cd)pyrene	24000		ug/kg	5100	890	10
Pyrene	100000		ug/kg	3800	630	10
Dibenzofuran	89000		ug/kg	6400	600	10

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-11
Client ID: WAL-11-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:15
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/03/23 15:30
Analyst: MG
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3600		ug/kg	540	70.	1
1,2,4-Trichlorobenzene	ND		ug/kg	680	77.	1
Hexachlorobenzene	ND		ug/kg	400	76.	1
Bis(2-chloroethyl)ether	ND		ug/kg	610	92.	1
2-Chloronaphthalene	ND		ug/kg	680	67.	1
1,2-Dichlorobenzene	ND		ug/kg	680	120	1
1,3-Dichlorobenzene	ND		ug/kg	680	120	1
1,4-Dichlorobenzene	ND		ug/kg	680	120	1
3,3'-Dichlorobenzidine	ND		ug/kg	680	180	1
2,4-Dinitrotoluene	ND		ug/kg	680	140	1
2,6-Dinitrotoluene	ND		ug/kg	680	120	1
Fluoranthene	7900		ug/kg	400	78.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	680	72.	1
4-Bromophenyl phenyl ether	ND		ug/kg	680	100	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	810	120	1
Bis(2-chloroethoxy)methane	ND		ug/kg	730	68.	1
Hexachlorobutadiene	ND		ug/kg	680	99.	1
Hexachlorocyclopentadiene	ND		ug/kg	1900	610	1
Hexachloroethane	ND		ug/kg	540	110	1
Isophorone	ND		ug/kg	610	88.	1
Naphthalene	36000	E	ug/kg	680	82.	1
Nitrobenzene	ND		ug/kg	610	100	1
NDPA/DPA	ND		ug/kg	540	77.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	680	100	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	680	230	1
Butyl benzyl phthalate	ND		ug/kg	680	170	1
Di-n-butylphthalate	ND		ug/kg	680	130	1
Di-n-octylphthalate	ND		ug/kg	680	230	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-11 Date Collected: 07/25/23 11:15

Client ID: WAL-11-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	680	63.	1
Dimethyl phthalate	ND		ug/kg	680	140	1
Benzo(a)anthracene	3600		ug/kg	400	76.	1
Benzo(a)pyrene	3200		ug/kg	540	160	1
Benzo(b)fluoranthene	4100		ug/kg	400	110	1
Benzo(k)fluoranthene	1300		ug/kg	400	110	1
Chrysene	3100		ug/kg	400	70.	1
Acenaphthylene	2000		ug/kg	540	100	1
Anthracene	2300		ug/kg	400	130	1
Benzo(ghi)perylene	1400		ug/kg	540	80.	1
Fluorene	3000		ug/kg	680	66.	1
Phenanthrene	7900		ug/kg	400	82.	1
Dibenzo(a,h)anthracene	370	J	ug/kg	400	78.	1
Indeno(1,2,3-cd)pyrene	1600		ug/kg	540	94.	1
Pyrene	5500		ug/kg	400	67.	1
Biphenyl	900	J	ug/kg	1500	88.	1
4-Chloroaniline	ND		ug/kg	680	120	1
2-Nitroaniline	ND		ug/kg	680	130	1
3-Nitroaniline	ND		ug/kg	680	130	1
4-Nitroaniline	ND		ug/kg	680	280	1
Dibenzofuran	3400		ug/kg	680	64.	1
2-Methylnaphthalene	2300		ug/kg	810	82.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	680	70.	1
Acetophenone	ND		ug/kg	680	84.	1
2,4,6-Trichlorophenol	ND		ug/kg	400	130	1
p-Chloro-m-cresol	ND		ug/kg	680	100	1
2-Chlorophenol	ND		ug/kg	680	80.	1
2,4-Dichlorophenol	ND		ug/kg	610	110	1
2,4-Dimethylphenol	450	J	ug/kg	680	220	1
2-Nitrophenol	ND		ug/kg	1500	250	1
4-Nitrophenol	ND		ug/kg	950	280	1
2,4-Dinitrophenol	ND		ug/kg	3200	320	1
4,6-Dinitro-o-cresol	ND		ug/kg	1800	320	1
Pentachlorophenol	ND		ug/kg	540	150	1
Phenol	2600		ug/kg	680	100	1
2-Methylphenol	860		ug/kg	680	100	1
3-Methylphenol/4-Methylphenol	1800		ug/kg	970	100	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-11 Date Collected: 07/25/23 11:15

Client ID: WAL-11-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	680	130	1
Benzoic Acid	ND		ug/kg	2200	680	1
Benzyl Alcohol	ND		ug/kg	680	210	1
Carbazole	990		ug/kg	680	66.	1
1,4-Dioxane	ND		ug/kg	100	31.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	61		18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-11 D
Client ID: WAL-11-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:15
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 13:53
Analyst: MG
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	47000		ug/kg	3400	410	5

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-12 D2
Client ID: WAL-12-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:20
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 15:49
Analyst: MG
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	790000		ug/kg	33000	4000	50

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-12 D
Client ID: WAL-12-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:20
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 15:32
Analyst: MG
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	26000		ug/kg	2600	340	5
1,2,4-Trichlorobenzene	ND		ug/kg	3300	380	5
Hexachlorobenzene	ND		ug/kg	2000	370	5
Bis(2-chloroethyl)ether	ND		ug/kg	3000	450	5
2-Chloronaphthalene	ND		ug/kg	3300	330	5
1,2-Dichlorobenzene	ND		ug/kg	3300	590	5
1,3-Dichlorobenzene	ND		ug/kg	3300	570	5
1,4-Dichlorobenzene	ND		ug/kg	3300	580	5
3,3'-Dichlorobenzidine	ND		ug/kg	3300	880	5
2,4-Dinitrotoluene	ND		ug/kg	3300	660	5
2,6-Dinitrotoluene	ND		ug/kg	3300	570	5
Fluoranthene	83000		ug/kg	2000	380	5
4-Chlorophenyl phenyl ether	ND		ug/kg	3300	350	5
4-Bromophenyl phenyl ether	ND		ug/kg	3300	500	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	4000	560	5
Bis(2-chloroethoxy)methane	ND		ug/kg	3600	330	5
Hexachlorobutadiene	ND		ug/kg	3300	480	5
Hexachlorocyclopentadiene	ND		ug/kg	9400	3000	5
Hexachloroethane	ND		ug/kg	2600	530	5
Isophorone	ND		ug/kg	3000	430	5
Naphthalene	410000	E	ug/kg	3300	400	5
Nitrobenzene	ND		ug/kg	3000	490	5
NDPA/DPA	ND		ug/kg	2600	380	5
n-Nitrosodi-n-propylamine	ND		ug/kg	3300	510	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	3300	1100	5
Butyl benzyl phthalate	ND		ug/kg	3300	830	5
Di-n-butylphthalate	ND		ug/kg	3300	620	5
Di-n-octylphthalate	ND		ug/kg	3300	1100	5

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-12 D
Client ID: WAL-12-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:20
Date Received: 07/25/23
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	3300	300	5
Dimethyl phthalate	ND		ug/kg	3300	690	5
Benzo(a)anthracene	29000		ug/kg	2000	370	5
Benzo(a)pyrene	22000		ug/kg	2600	800	5
Benzo(b)fluoranthene	29000		ug/kg	2000	560	5
Benzo(k)fluoranthene	7500		ug/kg	2000	530	5
Chrysene	25000		ug/kg	2000	340	5
Acenaphthylene	29000		ug/kg	2600	510	5
Anthracene	30000		ug/kg	2000	640	5
Benzo(ghi)perylene	12000		ug/kg	2600	390	5
Fluorene	34000		ug/kg	3300	320	5
Phenanthrene	100000		ug/kg	2000	400	5
Dibenzo(a,h)anthracene	3600		ug/kg	2000	380	5
Indeno(1,2,3-cd)pyrene	12000		ug/kg	2600	460	5
Pyrene	58000		ug/kg	2000	330	5
Biphenyl	12000		ug/kg	7500	430	5
4-Chloroaniline	ND		ug/kg	3300	600	5
2-Nitroaniline	ND		ug/kg	3300	640	5
3-Nitroaniline	ND		ug/kg	3300	620	5
4-Nitroaniline	ND		ug/kg	3300	1400	5
Dibenzofuran	45000		ug/kg	3300	310	5
2-Methylnaphthalene	43000		ug/kg	4000	400	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3300	340	5
Acetophenone	ND		ug/kg	3300	410	5
2,4,6-Trichlorophenol	ND		ug/kg	2000	620	5
p-Chloro-m-cresol	ND		ug/kg	3300	490	5
2-Chlorophenol	ND		ug/kg	3300	390	5
2,4-Dichlorophenol	ND		ug/kg	3000	530	5
2,4-Dimethylphenol	1800	J	ug/kg	3300	1100	5
2-Nitrophenol	ND		ug/kg	7100	1200	5
4-Nitrophenol	ND		ug/kg	4600	1300	5
2,4-Dinitrophenol	ND		ug/kg	16000	1500	5
4,6-Dinitro-o-cresol	ND		ug/kg	8600	1600	5
Pentachlorophenol	ND		ug/kg	2600	730	5
Phenol	56000		ug/kg	3300	500	5
2-Methylphenol	7200		ug/kg	3300	510	5
3-Methylphenol/4-Methylphenol	35000		ug/kg	4800	520	5

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-12 D
Client ID: WAL-12-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:20
Date Received: 07/25/23
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	3300	630	5
Benzoic Acid	ND		ug/kg	11000	3300	5
Benzyl Alcohol	ND		ug/kg	3300	1000	5
Carbazole	12000		ug/kg	3300	320	5
1,4-Dioxane	ND		ug/kg	500	150	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	104		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	39		10-136
4-Terphenyl-d14	78		18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13
Client ID: WAL-13-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:25
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/02/23 11:00
Analyst: ALS
Percent Solids: 78%
TCLP/SPLP Ext. Date: 07/28/23 05:37

Extraction Method: EPA 3510C
Extraction Date: 07/31/23 14:22

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	270		ug/l	25	5.5	1
3-Methylphenol/4-Methylphenol	690		ug/l	25	2.8	1
2,4,5-Trichlorophenol	ND		ug/l	25	1.9	1
Pyridine	ND		ug/l	18	4.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	67		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	108		10-120
4-Terphenyl-d14	88		33-120

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13
Client ID: WAL-13-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:25
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/04/23 05:42
Analyst: ALS
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1600		ug/kg	480	62.	1
1,2,4-Trichlorobenzene	ND		ug/kg	600	69.	1
Hexachlorobenzene	ND		ug/kg	360	67.	1
Bis(2-chloroethyl)ether	ND		ug/kg	540	82.	1
2-Chloronaphthalene	ND		ug/kg	600	60.	1
1,2-Dichlorobenzene	ND		ug/kg	600	110	1
1,3-Dichlorobenzene	ND		ug/kg	600	100	1
1,4-Dichlorobenzene	ND		ug/kg	600	100	1
3,3'-Dichlorobenzidine	ND		ug/kg	600	160	1
2,4-Dinitrotoluene	ND		ug/kg	600	120	1
2,6-Dinitrotoluene	ND		ug/kg	600	100	1
Fluoranthene	28000	E	ug/kg	360	69.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	600	64.	1
4-Bromophenyl phenyl ether	ND		ug/kg	600	92.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	720	100	1
Bis(2-chloroethoxy)methane	ND		ug/kg	650	60.	1
Hexachlorobutadiene	ND		ug/kg	600	88.	1
Hexachlorocyclopentadiene	ND		ug/kg	1700	540	1
Hexachloroethane	ND		ug/kg	480	97.	1
Isophorone	ND		ug/kg	540	78.	1
Naphthalene	ND		ug/kg	600	73.	1
Nitrobenzene	ND		ug/kg	540	89.	1
NDPA/DPA	ND		ug/kg	480	68.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	600	93.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	600	210	1
Butyl benzyl phthalate	ND		ug/kg	600	150	1
Di-n-butylphthalate	ND		ug/kg	600	110	1
Di-n-octylphthalate	ND		ug/kg	600	200	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13 Date Collected: 07/25/23 11:25

Client ID: WAL-13-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	600	56.	1
Dimethyl phthalate	ND		ug/kg	600	130	1
Benzo(a)anthracene	10000		ug/kg	360	68.	1
Benzo(a)pyrene	8600		ug/kg	480	150	1
Benzo(b)fluoranthene	11000		ug/kg	360	100	1
Benzo(k)fluoranthene	2800		ug/kg	360	96.	1
Chrysene	7800		ug/kg	360	63.	1
Acenaphthylene	16000		ug/kg	480	93.	1
Anthracene	8400		ug/kg	360	120	1
Benzo(ghi)perylene	4400		ug/kg	480	71.	1
Fluorene	15000		ug/kg	600	58.	1
Phenanthrene	39000	E	ug/kg	360	73.	1
Dibenzo(a,h)anthracene	1100		ug/kg	360	70.	1
Indeno(1,2,3-cd)pyrene	5600		ug/kg	480	84.	1
Pyrene	18000		ug/kg	360	60.	1
Biphenyl	2600		ug/kg	1400	78.	1
4-Chloroaniline	ND		ug/kg	600	110	1
2-Nitroaniline	ND		ug/kg	600	120	1
3-Nitroaniline	ND		ug/kg	600	110	1
4-Nitroaniline	ND		ug/kg	600	250	1
Dibenzofuran	9400		ug/kg	600	57.	1
2-Methylnaphthalene	14000		ug/kg	720	73.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	600	63.	1
Acetophenone	140	J	ug/kg	600	74.	1
2,4,6-Trichlorophenol	ND		ug/kg	360	110	1
p-Chloro-m-cresol	ND		ug/kg	600	90.	1
2-Chlorophenol	ND		ug/kg	600	71.	1
2,4-Dichlorophenol	ND		ug/kg	540	97.	1
2,4-Dimethylphenol	2100		ug/kg	600	200	1
2-Nitrophenol	ND		ug/kg	1300	230	1
4-Nitrophenol	ND		ug/kg	840	240	1
2,4-Dinitrophenol	ND		ug/kg	2900	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	1600	290	1
Pentachlorophenol	ND		ug/kg	480	130	1
Phenol	23000		ug/kg	600	91.	1
2-Methylphenol	4900		ug/kg	600	93.	1
3-Methylphenol/4-Methylphenol	14000		ug/kg	870	94.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13 Date Collected: 07/25/23 11:25

Client ID: WAL-13-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	600	120	1
Benzoic Acid	ND		ug/kg	2000	610	1
Benzyl Alcohol	ND		ug/kg	600	180	1
Carbazole	6400		ug/kg	600	58.	1
1,4-Dioxane	ND		ug/kg	90	28.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	63		18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13 D
Client ID: WAL-13-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:25
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 12:29
Analyst: MG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	40000		ug/kg	7200	1400	20
Phenanthrene	62000		ug/kg	7200	1500	20

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-14 D2
Client ID: WAL-14-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:30
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 16:22
Analyst: MG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	72000		ug/kg	6300	1200	50
Naphthalene	230000		ug/kg	10000	1300	50
Phenanthrene	100000		ug/kg	6300	1300	50

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-14 D
Client ID: WAL-14-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:30
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 16:06
Analyst: MG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	4600		ug/kg	840	110	5
1,2,4-Trichlorobenzene	ND		ug/kg	1000	120	5
Hexachlorobenzene	ND		ug/kg	630	120	5
Bis(2-chloroethyl)ether	ND		ug/kg	950	140	5
2-Chloronaphthalene	ND		ug/kg	1000	100	5
1,2-Dichlorobenzene	ND		ug/kg	1000	190	5
1,3-Dichlorobenzene	ND		ug/kg	1000	180	5
1,4-Dichlorobenzene	ND		ug/kg	1000	180	5
3,3'-Dichlorobenzidine	ND		ug/kg	1000	280	5
2,4-Dinitrotoluene	ND		ug/kg	1000	210	5
2,6-Dinitrotoluene	ND		ug/kg	1000	180	5
Fluoranthene	50000	E	ug/kg	630	120	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1000	110	5
4-Bromophenyl phenyl ether	ND		ug/kg	1000	160	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1300	180	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1100	100	5
Hexachlorobutadiene	ND		ug/kg	1000	150	5
Hexachlorocyclopentadiene	ND		ug/kg	3000	960	5
Hexachloroethane	ND		ug/kg	840	170	5
Isophorone	ND		ug/kg	950	140	5
Naphthalene	120000	E	ug/kg	1000	130	5
Nitrobenzene	ND		ug/kg	950	160	5
NDPA/DPA	ND		ug/kg	840	120	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1000	160	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1000	360	5
Butyl benzyl phthalate	ND		ug/kg	1000	260	5
Di-n-butylphthalate	ND		ug/kg	1000	200	5
Di-n-octylphthalate	ND		ug/kg	1000	360	5

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-14 D
Client ID: WAL-14-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:30
Date Received: 07/25/23
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	1000	98.	5
Dimethyl phthalate	ND		ug/kg	1000	220	5
Benzo(a)anthracene	18000		ug/kg	630	120	5
Benzo(a)pyrene	15000		ug/kg	840	260	5
Benzo(b)fluoranthene	18000		ug/kg	630	180	5
Benzo(k)fluoranthene	5700		ug/kg	630	170	5
Chrysene	16000		ug/kg	630	110	5
Acenaphthylene	27000		ug/kg	840	160	5
Anthracene	19000		ug/kg	630	200	5
Benzo(ghi)perylene	8200		ug/kg	840	120	5
Fluorene	24000		ug/kg	1000	100	5
Phenanthrene	65000	E	ug/kg	630	130	5
Dibenzo(a,h)anthracene	2400		ug/kg	630	120	5
Indeno(1,2,3-cd)pyrene	8000		ug/kg	840	150	5
Pyrene	36000		ug/kg	630	100	5
Biphenyl	2400		ug/kg	2400	140	5
4-Chloroaniline	ND		ug/kg	1000	190	5
2-Nitroaniline	ND		ug/kg	1000	200	5
3-Nitroaniline	ND		ug/kg	1000	200	5
4-Nitroaniline	ND		ug/kg	1000	440	5
Dibenzofuran	16000		ug/kg	1000	100	5
2-Methylnaphthalene	22000		ug/kg	1300	130	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1000	110	5
Acetophenone	ND		ug/kg	1000	130	5
2,4,6-Trichlorophenol	ND		ug/kg	630	200	5
p-Chloro-m-cresol	ND		ug/kg	1000	160	5
2-Chlorophenol	ND		ug/kg	1000	120	5
2,4-Dichlorophenol	ND		ug/kg	950	170	5
2,4-Dimethylphenol	870	J	ug/kg	1000	350	5
2-Nitrophenol	ND		ug/kg	2300	400	5
4-Nitrophenol	ND		ug/kg	1500	430	5
2,4-Dinitrophenol	ND		ug/kg	5100	490	5
4,6-Dinitro-o-cresol	ND		ug/kg	2700	510	5
Pentachlorophenol	ND		ug/kg	840	230	5
Phenol	1200		ug/kg	1000	160	5
2-Methylphenol	630	J	ug/kg	1000	160	5
3-Methylphenol/4-Methylphenol	1400	J	ug/kg	1500	160	5

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-14 D
Client ID: WAL-14-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:30
Date Received: 07/25/23
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	1000	200	5
Benzoic Acid	ND		ug/kg	3400	1100	5
Benzyl Alcohol	ND		ug/kg	1000	320	5
Carbazole	8700		ug/kg	1000	100	5
1,4-Dioxane	ND		ug/kg	160	48.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	102		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	84		18-120

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-15
Client ID: WAL-15-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:35
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/04/23 04:55
Analyst: ALS
Percent Solids: 65%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	400	J	ug/kg	580	75.	1
1,2,4-Trichlorobenzene	ND		ug/kg	720	83.	1
Hexachlorobenzene	ND		ug/kg	430	81.	1
Bis(2-chloroethyl)ether	ND		ug/kg	650	98.	1
2-Chloronaphthalene	ND		ug/kg	720	72.	1
1,2-Dichlorobenzene	ND		ug/kg	720	130	1
1,3-Dichlorobenzene	ND		ug/kg	720	120	1
1,4-Dichlorobenzene	ND		ug/kg	720	130	1
3,3'-Dichlorobenzidine	ND		ug/kg	720	190	1
2,4-Dinitrotoluene	ND		ug/kg	720	140	1
2,6-Dinitrotoluene	ND		ug/kg	720	120	1
Fluoranthene	8800		ug/kg	430	83.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	720	77.	1
4-Bromophenyl phenyl ether	ND		ug/kg	720	110	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	870	120	1
Bis(2-chloroethoxy)methane	ND		ug/kg	780	72.	1
Hexachlorobutadiene	ND		ug/kg	720	110	1
Hexachlorocyclopentadiene	ND		ug/kg	2100	660	1
Hexachloroethane	ND		ug/kg	580	120	1
Isophorone	ND		ug/kg	650	94.	1
Naphthalene	46000	E	ug/kg	720	88.	1
Nitrobenzene	ND		ug/kg	650	110	1
NDPA/DPA	ND		ug/kg	580	82.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	720	110	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	720	250	1
Butyl benzyl phthalate	ND		ug/kg	720	180	1
Di-n-butylphthalate	ND		ug/kg	720	140	1
Di-n-octylphthalate	ND		ug/kg	720	250	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-15 Date Collected: 07/25/23 11:35

Client ID: WAL-15-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	720	67.	1
Dimethyl phthalate	ND		ug/kg	720	150	1
Benzo(a)anthracene	3400		ug/kg	430	82.	1
Benzo(a)pyrene	2800		ug/kg	580	180	1
Benzo(b)fluoranthene	3700		ug/kg	430	120	1
Benzo(k)fluoranthene	940		ug/kg	430	120	1
Chrysene	2700		ug/kg	430	75.	1
Acenaphthylene	4200		ug/kg	580	110	1
Anthracene	2200		ug/kg	430	140	1
Benzo(ghi)perylene	1300		ug/kg	580	85.	1
Fluorene	4400		ug/kg	720	70.	1
Phenanthrene	12000		ug/kg	430	88.	1
Dibenzo(a,h)anthracene	410	J	ug/kg	430	84.	1
Indeno(1,2,3-cd)pyrene	1700		ug/kg	580	100	1
Pyrene	5700		ug/kg	430	72.	1
Biphenyl	540	J	ug/kg	1600	94.	1
4-Chloroaniline	ND		ug/kg	720	130	1
2-Nitroaniline	ND		ug/kg	720	140	1
3-Nitroaniline	ND		ug/kg	720	140	1
4-Nitroaniline	ND		ug/kg	720	300	1
Dibenzofuran	2400		ug/kg	720	68.	1
2-Methylnaphthalene	3000		ug/kg	870	87.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	720	76.	1
Acetophenone	ND		ug/kg	720	90.	1
2,4,6-Trichlorophenol	ND		ug/kg	430	140	1
p-Chloro-m-cresol	ND		ug/kg	720	110	1
2-Chlorophenol	ND		ug/kg	720	86.	1
2,4-Dichlorophenol	ND		ug/kg	650	120	1
2,4-Dimethylphenol	560	J	ug/kg	720	240	1
2-Nitrophenol	ND		ug/kg	1600	270	1
4-Nitrophenol	ND		ug/kg	1000	300	1
2,4-Dinitrophenol	ND		ug/kg	3500	340	1
4,6-Dinitro-o-cresol	ND		ug/kg	1900	350	1
Pentachlorophenol	ND		ug/kg	580	160	1
Phenol	4400		ug/kg	720	110	1
2-Methylphenol	1000		ug/kg	720	110	1
3-Methylphenol/4-Methylphenol	3400		ug/kg	1000	110	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-15 Date Collected: 07/25/23 11:35

Client ID: WAL-15-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	720	140	1
Benzoic Acid	ND		ug/kg	2300	730	1
Benzyl Alcohol	ND		ug/kg	720	220	1
Carbazole	1500		ug/kg	720	70.	1
1,4-Dioxane	ND		ug/kg	110	33.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	73		18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-15 D
Client ID: WAL-15-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:35
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 14:09
Analyst: MG
Percent Solids: 65%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	58000		ug/kg	3600	440	5

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16
Client ID: WAL-16-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:40
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/02/23 10:13
Analyst: ALS
Percent Solids: 76%
TCLP/SPLP Ext. Date: 07/28/23 05:37

Extraction Method: EPA 3510C
Extraction Date: 07/31/23 14:22

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	82		ug/l	25	5.5	1
3-Methylphenol/4-Methylphenol	190		ug/l	25	2.8	1
2,4,5-Trichlorophenol	ND		ug/l	25	1.9	1
Pyridine	ND		ug/l	18	4.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		21-120
Phenol-d6	79		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	83		33-120

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16
Client ID: WAL-16-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:40
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/03/23 15:54
Analyst: MG
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	280	J	ug/kg	480	63.	1
1,2,4-Trichlorobenzene	ND		ug/kg	610	69.	1
Hexachlorobenzene	ND		ug/kg	360	68.	1
Bis(2-chloroethyl)ether	ND		ug/kg	550	82.	1
2-Chloronaphthalene	ND		ug/kg	610	60.	1
1,2-Dichlorobenzene	ND		ug/kg	610	110	1
1,3-Dichlorobenzene	ND		ug/kg	610	100	1
1,4-Dichlorobenzene	ND		ug/kg	610	110	1
3,3'-Dichlorobenzidine	ND		ug/kg	610	160	1
2,4-Dinitrotoluene	ND		ug/kg	610	120	1
2,6-Dinitrotoluene	ND		ug/kg	610	100	1
Fluoranthene	6100		ug/kg	360	70.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	610	65.	1
4-Bromophenyl phenyl ether	ND		ug/kg	610	93.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	730	100	1
Bis(2-chloroethoxy)methane	ND		ug/kg	660	61.	1
Hexachlorobutadiene	ND		ug/kg	610	89.	1
Hexachlorocyclopentadiene	ND		ug/kg	1700	550	1
Hexachloroethane	ND		ug/kg	480	98.	1
Isophorone	ND		ug/kg	550	79.	1
Naphthalene	30000	E	ug/kg	610	74.	1
Nitrobenzene	ND		ug/kg	550	90.	1
NDPA/DPA	ND		ug/kg	480	69.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	610	94.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	610	210	1
Butyl benzyl phthalate	ND		ug/kg	610	150	1
Di-n-butylphthalate	ND		ug/kg	610	120	1
Di-n-octylphthalate	ND		ug/kg	610	210	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16 Date Collected: 07/25/23 11:40

Client ID: WAL-16-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	610	56.	1
Dimethyl phthalate	ND		ug/kg	610	130	1
Benzo(a)anthracene	2600		ug/kg	360	68.	1
Benzo(a)pyrene	2300		ug/kg	480	150	1
Benzo(b)fluoranthene	3100		ug/kg	360	100	1
Benzo(k)fluoranthene	790		ug/kg	360	97.	1
Chrysene	2600		ug/kg	360	63.	1
Acenaphthylene	2600		ug/kg	480	94.	1
Anthracene	1900		ug/kg	360	120	1
Benzo(ghi)perylene	1000		ug/kg	480	71.	1
Fluorene	2300		ug/kg	610	59.	1
Phenanthrene	7500		ug/kg	360	74.	1
Dibenzo(a,h)anthracene	310	J	ug/kg	360	70.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	480	85.	1
Pyrene	4200		ug/kg	360	60.	1
Biphenyl	430	J	ug/kg	1400	79.	1
4-Chloroaniline	ND		ug/kg	610	110	1
2-Nitroaniline	ND		ug/kg	610	120	1
3-Nitroaniline	ND		ug/kg	610	110	1
4-Nitroaniline	ND		ug/kg	610	250	1
Dibenzofuran	1500		ug/kg	610	57.	1
2-Methylnaphthalene	2300		ug/kg	730	73.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	610	63.	1
Acetophenone	190	J	ug/kg	610	75.	1
2,4,6-Trichlorophenol	ND		ug/kg	360	120	1
p-Chloro-m-cresol	ND		ug/kg	610	90.	1
2-Chlorophenol	ND		ug/kg	610	72.	1
2,4-Dichlorophenol	ND		ug/kg	550	98.	1
2,4-Dimethylphenol	410	J	ug/kg	610	200	1
2-Nitrophenol	ND		ug/kg	1300	230	1
4-Nitrophenol	ND		ug/kg	850	250	1
2,4-Dinitrophenol	ND		ug/kg	2900	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	1600	290	1
Pentachlorophenol	ND		ug/kg	480	130	1
Phenol	4200		ug/kg	610	92.	1
2-Methylphenol	1000		ug/kg	610	94.	1
3-Methylphenol/4-Methylphenol	2100		ug/kg	870	95.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16 Date Collected: 07/25/23 11:40

Client ID: WAL-16-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	610	120	1
Benzoic Acid	ND		ug/kg	2000	610	1
Benzyl Alcohol	ND		ug/kg	610	180	1
Carbazole	1300		ug/kg	610	59.	1
1,4-Dioxane	ND		ug/kg	91	28.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	110		25-120
Phenol-d6	114		10-120
Nitrobenzene-d5	**121**	Q	23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	120		10-136
4-Terphenyl-d14	88		18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16 D
Client ID: WAL-16-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:40
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 14:26
Analyst: MG
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	38000		ug/kg	3000	370	5

Project Name: RITC
Project Number: SECONDARY CNTS.-WA

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-17
Client ID: WAL-17-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:45
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/03/23 16:18
Analyst: MG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	490	64.	1
1,2,4-Trichlorobenzene	ND		ug/kg	620	70.	1
Hexachlorobenzene	ND		ug/kg	370	69.	1
Bis(2-chloroethyl)ether	ND		ug/kg	560	84.	1
2-Chloronaphthalene	ND		ug/kg	620	61.	1
1,2-Dichlorobenzene	ND		ug/kg	620	110	1
1,3-Dichlorobenzene	ND		ug/kg	620	110	1
1,4-Dichlorobenzene	ND		ug/kg	620	110	1
3,3'-Dichlorobenzidine	ND		ug/kg	620	160	1
2,4-Dinitrotoluene	ND		ug/kg	620	120	1
2,6-Dinitrotoluene	ND		ug/kg	620	100	1
Fluoranthene	120	J	ug/kg	370	71.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	620	66.	1
4-Bromophenyl phenyl ether	ND		ug/kg	620	94.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	740	100	1
Bis(2-chloroethoxy)methane	ND		ug/kg	670	62.	1
Hexachlorobutadiene	ND		ug/kg	620	90.	1
Hexachlorocyclopentadiene	ND		ug/kg	1800	560	1
Hexachloroethane	ND		ug/kg	490	100	1
Isophorone	ND		ug/kg	560	80.	1
Naphthalene	440	J	ug/kg	620	75.	1
Nitrobenzene	ND		ug/kg	560	91.	1
NDPA/DPA	ND		ug/kg	490	70.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	620	95.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	620	210	1
Butyl benzyl phthalate	ND		ug/kg	620	160	1
Di-n-butylphthalate	ND		ug/kg	620	120	1
Di-n-octylphthalate	ND		ug/kg	620	210	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-17 Date Collected: 07/25/23 11:45

Client ID: WAL-17-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	620	57.	1
Dimethyl phthalate	ND		ug/kg	620	130	1
Benzo(a)anthracene	75	J	ug/kg	370	69.	1
Benzo(a)pyrene	ND		ug/kg	490	150	1
Benzo(b)fluoranthene	ND		ug/kg	370	100	1
Benzo(k)fluoranthene	ND		ug/kg	370	99.	1
Chrysene	72	J	ug/kg	370	64.	1
Acenaphthylene	ND		ug/kg	490	95.	1
Anthracene	ND		ug/kg	370	120	1
Benzo(ghi)perylene	ND		ug/kg	490	72.	1
Fluorene	75	J	ug/kg	620	60.	1
Phenanthrene	150	J	ug/kg	370	75.	1
Dibenzo(a,h)anthracene	ND		ug/kg	370	71.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	490	86.	1
Pyrene	97	J	ug/kg	370	61.	1
Biphenyl	ND		ug/kg	1400	80.	1
4-Chloroaniline	ND		ug/kg	620	110	1
2-Nitroaniline	ND		ug/kg	620	120	1
3-Nitroaniline	ND		ug/kg	620	120	1
4-Nitroaniline	ND		ug/kg	620	260	1
Dibenzofuran	ND		ug/kg	620	58.	1
2-Methylnaphthalene	ND		ug/kg	740	74.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	620	64.	1
Acetophenone	ND		ug/kg	620	76.	1
2,4,6-Trichlorophenol	ND		ug/kg	370	120	1
p-Chloro-m-cresol	ND		ug/kg	620	92.	1
2-Chlorophenol	ND		ug/kg	620	73.	1
2,4-Dichlorophenol	ND		ug/kg	560	99.	1
2,4-Dimethylphenol	ND		ug/kg	620	200	1
2-Nitrophenol	ND		ug/kg	1300	230	1
4-Nitrophenol	ND		ug/kg	860	250	1
2,4-Dinitrophenol	ND		ug/kg	3000	290	1
4,6-Dinitro-o-cresol	ND		ug/kg	1600	300	1
Pentachlorophenol	ND		ug/kg	490	140	1
Phenol	ND		ug/kg	620	93.	1
2-Methylphenol	ND		ug/kg	620	96.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	890	97.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-17 Date Collected: 07/25/23 11:45

Client ID: WAL-17-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	620	120	1
Benzoic Acid	ND		ug/kg	2000	620	1
Benzyl Alcohol	ND		ug/kg	620	190	1
Carbazole	ND		ug/kg	620	60.	1
1,4-Dioxane	ND		ug/kg	92	28.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	62		18-120

Project Name: RITC
Project Number: SECONDARY CNTS.-WA

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-18
Client ID: WAL-18-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:50
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/03/23 16:42
Analyst: MG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	ug/kg	470	61.	1
1,2,4-Trichlorobenzene	ND		ug/kg	590	68.	1
Hexachlorobenzene	ND		ug/kg	350	66.	1
Bis(2-chloroethyl)ether	ND		ug/kg	530	80.	1
2-Chloronaphthalene	ND		ug/kg	590	59.	1
1,2-Dichlorobenzene	ND		ug/kg	590	110	1
1,3-Dichlorobenzene	ND		ug/kg	590	100	1
1,4-Dichlorobenzene	ND		ug/kg	590	100	1
3,3'-Dichlorobenzidine	ND		ug/kg	590	160	1
2,4-Dinitrotoluene	ND		ug/kg	590	120	1
2,6-Dinitrotoluene	ND		ug/kg	590	100	1
Fluoranthene	1800		ug/kg	350	68.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	590	63.	1
4-Bromophenyl phenyl ether	ND		ug/kg	590	90.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	710	100	1
Bis(2-chloroethoxy)methane	ND		ug/kg	640	59.	1
Hexachlorobutadiene	ND		ug/kg	590	86.	1
Hexachlorocyclopentadiene	ND		ug/kg	1700	540	1
Hexachloroethane	ND		ug/kg	470	96.	1
Isophorone	ND		ug/kg	530	77.	1
Naphthalene	6300		ug/kg	590	72.	1
Nitrobenzene	ND		ug/kg	530	88.	1
NDPA/DPA	ND		ug/kg	470	67.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	590	91.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	590	200	1
Butyl benzyl phthalate	ND		ug/kg	590	150	1
Di-n-butylphthalate	ND		ug/kg	590	110	1
Di-n-octylphthalate	ND		ug/kg	590	200	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-18 Date Collected: 07/25/23 11:50

Client ID: WAL-18-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	590	55.	1
Dimethyl phthalate	ND		ug/kg	590	120	1
Benzo(a)anthracene	840		ug/kg	350	66.	1
Benzo(a)pyrene	880		ug/kg	470	140	1
Benzo(b)fluoranthene	1200		ug/kg	350	100	1
Benzo(k)fluoranthene	360		ug/kg	350	95.	1
Chrysene	930		ug/kg	350	61.	1
Acenaphthylene	440	J	ug/kg	470	91.	1
Anthracene	380		ug/kg	350	120	1
Benzo(ghi)perylene	500		ug/kg	470	70.	1
Fluorene	430	J	ug/kg	590	57.	1
Phenanthrene	1400		ug/kg	350	72.	1
Dibenzo(a,h)anthracene	140	J	ug/kg	350	68.	1
Indeno(1,2,3-cd)pyrene	560		ug/kg	470	82.	1
Pyrene	1300		ug/kg	350	59.	1
Biphenyl	87	J	ug/kg	1300	77.	1
4-Chloroaniline	ND		ug/kg	590	110	1
2-Nitroaniline	ND		ug/kg	590	110	1
3-Nitroaniline	ND		ug/kg	590	110	1
4-Nitroaniline	ND		ug/kg	590	240	1
Dibenzofuran	320	J	ug/kg	590	56.	1
2-Methylnaphthalene	470	J	ug/kg	710	71.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	590	62.	1
Acetophenone	ND		ug/kg	590	73.	1
2,4,6-Trichlorophenol	ND		ug/kg	350	110	1
p-Chloro-m-cresol	ND		ug/kg	590	88.	1
2-Chlorophenol	ND		ug/kg	590	70.	1
2,4-Dichlorophenol	ND		ug/kg	530	95.	1
2,4-Dimethylphenol	ND		ug/kg	590	200	1
2-Nitrophenol	ND		ug/kg	1300	220	1
4-Nitrophenol	ND		ug/kg	830	240	1
2,4-Dinitrophenol	ND		ug/kg	2800	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	1500	280	1
Pentachlorophenol	ND		ug/kg	470	130	1
Phenol	340	J	ug/kg	590	89.	1
2-Methylphenol	150	J	ug/kg	590	92.	1
3-Methylphenol/4-Methylphenol	350	J	ug/kg	850	92.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-18 Date Collected: 07/25/23 11:50

Client ID: WAL-18-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	590	110	1
Benzoic Acid	ND		ug/kg	1900	600	1
Benzyl Alcohol	ND		ug/kg	590	180	1
Carbazole	300	J	ug/kg	590	57.	1
1,4-Dioxane	ND		ug/kg	89	27.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	72		18-120

Project Name: RITC
Project Number: SECONDARY CNTS.-WA

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-19
Client ID: WAL-19-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/04/23 08:25
Analyst: ALS
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220	J	ug/kg	500	65.	1
1,2,4-Trichlorobenzene	ND		ug/kg	620	71.	1
Hexachlorobenzene	ND		ug/kg	370	70.	1
Bis(2-chloroethyl)ether	ND		ug/kg	560	85.	1
2-Chloronaphthalene	ND		ug/kg	620	62.	1
1,2-Dichlorobenzene	ND		ug/kg	620	110	1
1,3-Dichlorobenzene	ND		ug/kg	620	110	1
1,4-Dichlorobenzene	ND		ug/kg	620	110	1
3,3'-Dichlorobenzidine	ND		ug/kg	620	170	1
2,4-Dinitrotoluene	ND		ug/kg	620	120	1
2,6-Dinitrotoluene	ND		ug/kg	620	110	1
Fluoranthene	3200		ug/kg	370	72.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	620	67.	1
4-Bromophenyl phenyl ether	ND		ug/kg	620	95.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	750	110	1
Bis(2-chloroethoxy)methane	ND		ug/kg	670	63.	1
Hexachlorobutadiene	ND		ug/kg	620	91.	1
Hexachlorocyclopentadiene	ND		ug/kg	1800	570	1
Hexachloroethane	ND		ug/kg	500	100	1
Isophorone	ND		ug/kg	560	81.	1
Naphthalene	13000		ug/kg	620	76.	1
Nitrobenzene	ND		ug/kg	560	92.	1
NDPA/DPA	ND		ug/kg	500	71.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	620	96.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	620	220	1
Butyl benzyl phthalate	ND		ug/kg	620	160	1
Di-n-butylphthalate	ND		ug/kg	620	120	1
Di-n-octylphthalate	ND		ug/kg	620	210	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-19 Date Collected: 07/25/23 11:55

Client ID: WAL-19-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	620	58.	1
Dimethyl phthalate	ND		ug/kg	620	130	1
Benzo(a)anthracene	1400		ug/kg	370	70.	1
Benzo(a)pyrene	1700		ug/kg	500	150	1
Benzo(b)fluoranthene	2400		ug/kg	370	100	1
Benzo(k)fluoranthene	580		ug/kg	370	100	1
Chrysene	1600		ug/kg	370	65.	1
Acenaphthylene	670		ug/kg	500	96.	1
Anthracene	540		ug/kg	370	120	1
Benzo(ghi)perylene	1100		ug/kg	500	73.	1
Fluorene	490	J	ug/kg	620	61.	1
Phenanthrene	2200		ug/kg	370	76.	1
Dibenzo(a,h)anthracene	260	J	ug/kg	370	72.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	500	87.	1
Pyrene	2400		ug/kg	370	62.	1
Biphenyl	130	J	ug/kg	1400	81.	1
4-Chloroaniline	ND		ug/kg	620	110	1
2-Nitroaniline	ND		ug/kg	620	120	1
3-Nitroaniline	ND		ug/kg	620	120	1
4-Nitroaniline	ND		ug/kg	620	260	1
Dibenzofuran	380	J	ug/kg	620	59.	1
2-Methylnaphthalene	930		ug/kg	750	75.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	620	65.	1
Acetophenone	ND		ug/kg	620	77.	1
2,4,6-Trichlorophenol	ND		ug/kg	370	120	1
p-Chloro-m-cresol	ND		ug/kg	620	93.	1
2-Chlorophenol	ND		ug/kg	620	74.	1
2,4-Dichlorophenol	ND		ug/kg	560	100	1
2,4-Dimethylphenol	ND		ug/kg	620	210	1
2-Nitrophenol	ND		ug/kg	1300	230	1
4-Nitrophenol	ND		ug/kg	870	250	1
2,4-Dinitrophenol	ND		ug/kg	3000	290	1
4,6-Dinitro-o-cresol	ND		ug/kg	1600	300	1
Pentachlorophenol	ND		ug/kg	500	140	1
Phenol	400	J	ug/kg	620	94.	1
2-Methylphenol	200	J	ug/kg	620	97.	1
3-Methylphenol/4-Methylphenol	450	J	ug/kg	900	98.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-19 Date Collected: 07/25/23 11:55

Client ID: WAL-19-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	620	120	1
Benzoic Acid	ND		ug/kg	2000	630	1
Benzyl Alcohol	ND		ug/kg	620	190	1
Carbazole	450	J	ug/kg	620	61.	1
1,4-Dioxane	ND		ug/kg	94	29.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	101		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	72		18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-20 D2
Client ID: WAL-20-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:00
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 16:56
Analyst: MG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1500000		ug/kg	59000	7200	100

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-20 D
Client ID: WAL-20-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:00
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 16:39
Analyst: MG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	19000		ug/kg	4700	610	10
1,2,4-Trichlorobenzene	ND		ug/kg	5900	680	10
Hexachlorobenzene	ND		ug/kg	3600	660	10
Bis(2-chloroethyl)ether	ND		ug/kg	5300	800	10
2-Chloronaphthalene	ND		ug/kg	5900	590	10
1,2-Dichlorobenzene	ND		ug/kg	5900	1100	10
1,3-Dichlorobenzene	ND		ug/kg	5900	1000	10
1,4-Dichlorobenzene	ND		ug/kg	5900	1000	10
3,3'-Dichlorobenzidine	ND		ug/kg	5900	1600	10
2,4-Dinitrotoluene	ND		ug/kg	5900	1200	10
2,6-Dinitrotoluene	ND		ug/kg	5900	1000	10
Fluoranthene	150000		ug/kg	3600	680	10
4-Chlorophenyl phenyl ether	ND		ug/kg	5900	640	10
4-Bromophenyl phenyl ether	ND		ug/kg	5900	900	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	7100	1000	10
Bis(2-chloroethoxy)methane	ND		ug/kg	6400	590	10
Hexachlorobutadiene	ND		ug/kg	5900	870	10
Hexachlorocyclopentadiene	ND		ug/kg	17000	5400	10
Hexachloroethane	ND		ug/kg	4700	960	10
Isophorone	ND		ug/kg	5300	770	10
Naphthalene	740000	E	ug/kg	5900	720	10
Nitrobenzene	ND		ug/kg	5300	880	10
NDPA/DPA	ND		ug/kg	4700	680	10
n-Nitrosodi-n-propylamine	ND		ug/kg	5900	920	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	5900	2000	10
Butyl benzyl phthalate	ND		ug/kg	5900	1500	10
Di-n-butylphthalate	ND		ug/kg	5900	1100	10
Di-n-octylphthalate	ND		ug/kg	5900	2000	10

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-20 D
Client ID: WAL-20-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:00
Date Received: 07/25/23
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	5900	550	10
Dimethyl phthalate	ND		ug/kg	5900	1200	10
Benzo(a)anthracene	58000		ug/kg	3600	670	10
Benzo(a)pyrene	49000		ug/kg	4700	1400	10
Benzo(b)fluoranthene	70000		ug/kg	3600	1000	10
Benzo(k)fluoranthene	17000		ug/kg	3600	950	10
Chrysene	53000		ug/kg	3600	620	10
Acenaphthylene	83000		ug/kg	4700	920	10
Anthracene	46000		ug/kg	3600	1200	10
Benzo(ghi)perylene	30000		ug/kg	4700	700	10
Fluorene	65000		ug/kg	5900	580	10
Phenanthrene	190000		ug/kg	3600	720	10
Dibenzo(a,h)anthracene	9100		ug/kg	3600	690	10
Indeno(1,2,3-cd)pyrene	28000		ug/kg	4700	830	10
Pyrene	100000		ug/kg	3600	590	10
Biphenyl	11000	J	ug/kg	14000	770	10
4-Chloroaniline	ND		ug/kg	5900	1100	10
2-Nitroaniline	ND		ug/kg	5900	1100	10
3-Nitroaniline	ND		ug/kg	5900	1100	10
4-Nitroaniline	ND		ug/kg	5900	2400	10
Dibenzofuran	41000		ug/kg	5900	560	10
2-Methylnaphthalene	83000		ug/kg	7100	720	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	5900	620	10
Acetophenone	ND		ug/kg	5900	730	10
2,4,6-Trichlorophenol	ND		ug/kg	3600	1100	10
p-Chloro-m-cresol	ND		ug/kg	5900	880	10
2-Chlorophenol	ND		ug/kg	5900	700	10
2,4-Dichlorophenol	ND		ug/kg	5300	950	10
2,4-Dimethylphenol	ND		ug/kg	5900	2000	10
2-Nitrophenol	ND		ug/kg	13000	2200	10
4-Nitrophenol	ND		ug/kg	8300	2400	10
2,4-Dinitrophenol	ND		ug/kg	28000	2800	10
4,6-Dinitro-o-cresol	ND		ug/kg	15000	2800	10
Pentachlorophenol	ND		ug/kg	4700	1300	10
Phenol	2300	J	ug/kg	5900	900	10
2-Methylphenol	ND		ug/kg	5900	920	10
3-Methylphenol/4-Methylphenol	1800	J	ug/kg	8500	930	10

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-20 D
Client ID: WAL-20-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:00
Date Received: 07/25/23
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	5900	1100	10
Benzoic Acid	ND		ug/kg	19000	6000	10
Benzyl Alcohol	ND		ug/kg	5900	1800	10
Carbazole	34000		ug/kg	5900	580	10
1,4-Dioxane	ND		ug/kg	890	270	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	100		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	69		18-120

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-21
Client ID: WAL-21-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:05
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/04/23 06:52
Analyst: ALS
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 16:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2400		ug/kg	410	53.	1
1,2,4-Trichlorobenzene	ND		ug/kg	520	59.	1
Hexachlorobenzene	ND		ug/kg	310	58.	1
Bis(2-chloroethyl)ether	ND		ug/kg	460	70.	1
2-Chloronaphthalene	ND		ug/kg	520	51.	1
1,2-Dichlorobenzene	ND		ug/kg	520	92.	1
1,3-Dichlorobenzene	ND		ug/kg	520	88.	1
1,4-Dichlorobenzene	ND		ug/kg	520	90.	1
3,3'-Dichlorobenzidine	ND		ug/kg	520	140	1
2,4-Dinitrotoluene	ND		ug/kg	520	100	1
2,6-Dinitrotoluene	ND		ug/kg	520	88.	1
Fluoranthene	30000	E	ug/kg	310	59.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	520	55.	1
4-Bromophenyl phenyl ether	ND		ug/kg	520	78.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	620	88.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	560	52.	1
Hexachlorobutadiene	ND		ug/kg	520	75.	1
Hexachlorocyclopentadiene	ND		ug/kg	1500	470	1
Hexachloroethane	ND		ug/kg	410	83.	1
Isophorone	ND		ug/kg	460	67.	1
Naphthalene	100000	E	ug/kg	520	63.	1
Nitrobenzene	ND		ug/kg	460	76.	1
NDPA/DPA	ND		ug/kg	410	59.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	520	80.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	520	180	1
Butyl benzyl phthalate	ND		ug/kg	520	130	1
Di-n-butylphthalate	6100		ug/kg	520	98.	1
Di-n-octylphthalate	ND		ug/kg	520	180	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-21 Date Collected: 07/25/23 12:05

Client ID: WAL-21-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	520	48.	1
Dimethyl phthalate	ND		ug/kg	520	110	1
Benzo(a)anthracene	12000		ug/kg	310	58.	1
Benzo(a)pyrene	12000		ug/kg	410	120	1
Benzo(b)fluoranthene	16000		ug/kg	310	87.	1
Benzo(k)fluoranthene	4300		ug/kg	310	82.	1
Chrysene	13000		ug/kg	310	54.	1
Acenaphthylene	11000		ug/kg	410	80.	1
Anthracene	7800		ug/kg	310	100	1
Benzo(ghi)perylene	7600		ug/kg	410	60.	1
Fluorene	10000		ug/kg	520	50.	1
Phenanthrene	32000	E	ug/kg	310	63.	1
Dibenzo(a,h)anthracene	1800		ug/kg	310	60.	1
Indeno(1,2,3-cd)pyrene	9600		ug/kg	410	72.	1
Pyrene	21000	E	ug/kg	310	51.	1
Biphenyl	1600		ug/kg	1200	67.	1
4-Chloroaniline	ND		ug/kg	520	94.	1
2-Nitroaniline	ND		ug/kg	520	99.	1
3-Nitroaniline	ND		ug/kg	520	97.	1
4-Nitroaniline	ND		ug/kg	520	210	1
Dibenzofuran	6100		ug/kg	520	49.	1
2-Methylnaphthalene	11000		ug/kg	620	62.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	520	54.	1
Acetophenone	ND		ug/kg	520	64.	1
2,4,6-Trichlorophenol	ND		ug/kg	310	98.	1
p-Chloro-m-cresol	ND		ug/kg	520	77.	1
2-Chlorophenol	ND		ug/kg	520	61.	1
2,4-Dichlorophenol	ND		ug/kg	460	83.	1
2,4-Dimethylphenol	180	J	ug/kg	520	170	1
2-Nitrophenol	ND		ug/kg	1100	190	1
4-Nitrophenol	ND		ug/kg	720	210	1
2,4-Dinitrophenol	ND		ug/kg	2500	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	1300	250	1
Pentachlorophenol	ND		ug/kg	410	110	1
Phenol	1900		ug/kg	520	78.	1
2-Methylphenol	620		ug/kg	520	80.	1
3-Methylphenol/4-Methylphenol	1300		ug/kg	740	81.	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-21 Date Collected: 07/25/23 12:05

Client ID: WAL-21-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	520	99.	1
Benzoic Acid	ND		ug/kg	1700	520	1
Benzyl Alcohol	ND		ug/kg	520	160	1
Carbazole	4000		ug/kg	520	50.	1
1,4-Dioxane	ND		ug/kg	77	24.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	111		10-120
Nitrobenzene-d5	**126**	Q	23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	61		18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-21 D
Client ID: WAL-21-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:05
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 12:46
Analyst: MG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 16:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	39000		ug/kg	6200	1200	20
Naphthalene	260000		ug/kg	10000	1200	20
Phenanthrene	45000		ug/kg	6200	1200	20
Pyrene	27000		ug/kg	6200	1000	20

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22
Client ID: WAL-22-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:10
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/02/23 05:34
Analyst: ALS
Percent Solids: 76%
TCLP/SPLP Ext. Date: 07/28/23 05:37

Extraction Method: EPA 3510C
Extraction Date: 07/31/23 14:26

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	ND		ug/l	25	5.5	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	2.8	1
2,4,5-Trichlorophenol	ND		ug/l	25	1.9	1
Pyridine	ND		ug/l	18	4.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		21-120
Phenol-d6	79		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	114		10-120
4-Terphenyl-d14	95		33-120

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22 D
Client ID: WAL-22-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:10
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/07/23 20:16
Analyst: MG
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 16:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	550	J	ug/kg	2500	330	5
1,2,4-Trichlorobenzene	ND		ug/kg	3100	360	5
Hexachlorobenzene	ND		ug/kg	1900	350	5
Bis(2-chloroethyl)ether	ND		ug/kg	2800	430	5
2-Chloronaphthalene	ND		ug/kg	3100	310	5
1,2-Dichlorobenzene	ND		ug/kg	3100	560	5
1,3-Dichlorobenzene	ND		ug/kg	3100	540	5
1,4-Dichlorobenzene	ND		ug/kg	3100	550	5
3,3'-Dichlorobenzidine	ND		ug/kg	3100	840	5
2,4-Dinitrotoluene	ND		ug/kg	3100	630	5
2,6-Dinitrotoluene	ND		ug/kg	3100	540	5
Fluoranthene	9200		ug/kg	1900	360	5
4-Chlorophenyl phenyl ether	ND		ug/kg	3100	340	5
4-Bromophenyl phenyl ether	ND		ug/kg	3100	480	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	3800	540	5
Bis(2-chloroethoxy)methane	ND		ug/kg	3400	320	5
Hexachlorobutadiene	ND		ug/kg	3100	460	5
Hexachlorocyclopentadiene	ND		ug/kg	9000	2800	5
Hexachloroethane	ND		ug/kg	2500	510	5
Isophorone	ND		ug/kg	2800	410	5
Naphthalene	48000		ug/kg	3100	380	5
Nitrobenzene	ND		ug/kg	2800	470	5
NDPA/DPA	ND		ug/kg	2500	360	5
n-Nitrosodi-n-propylamine	ND		ug/kg	3100	490	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	3100	1100	5
Butyl benzyl phthalate	ND		ug/kg	3100	790	5
Di-n-butylphthalate	ND		ug/kg	3100	600	5
Di-n-octylphthalate	ND		ug/kg	3100	1100	5

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22 D
Client ID: WAL-22-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:10
Date Received: 07/25/23
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	3100	290	5
Dimethyl phthalate	ND		ug/kg	3100	660	5
Benzo(a)anthracene	5800		ug/kg	1900	350	5
Benzo(a)pyrene	7400		ug/kg	2500	770	5
Benzo(b)fluoranthene	9900		ug/kg	1900	530	5
Benzo(k)fluoranthene	3000		ug/kg	1900	500	5
Chrysene	5500		ug/kg	1900	330	5
Acenaphthylene	3800		ug/kg	2500	490	5
Anthracene	2200		ug/kg	1900	610	5
Benzo(ghi)perylene	5200		ug/kg	2500	370	5
Fluorene	1700	J	ug/kg	3100	310	5
Phenanthrene	6800		ug/kg	1900	380	5
Dibenzo(a,h)anthracene	1400	J	ug/kg	1900	360	5
Indeno(1,2,3-cd)pyrene	4800		ug/kg	2500	440	5
Pyrene	7500		ug/kg	1900	310	5
Biphenyl	460	J	ug/kg	7200	410	5
4-Chloroaniline	ND		ug/kg	3100	570	5
2-Nitroaniline	ND		ug/kg	3100	610	5
3-Nitroaniline	ND		ug/kg	3100	590	5
4-Nitroaniline	ND		ug/kg	3100	1300	5
Dibenzofuran	1400	J	ug/kg	3100	300	5
2-Methylnaphthalene	2700	J	ug/kg	3800	380	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3100	330	5
Acetophenone	ND		ug/kg	3100	390	5
2,4,6-Trichlorophenol	ND		ug/kg	1900	600	5
p-Chloro-m-cresol	ND		ug/kg	3100	470	5
2-Chlorophenol	ND		ug/kg	3100	370	5
2,4-Dichlorophenol	ND		ug/kg	2800	510	5
2,4-Dimethylphenol	ND		ug/kg	3100	1000	5
2-Nitrophenol	ND		ug/kg	6800	1200	5
4-Nitrophenol	ND		ug/kg	4400	1300	5
2,4-Dinitrophenol	ND		ug/kg	15000	1500	5
4,6-Dinitro-o-cresol	ND		ug/kg	8200	1500	5
Pentachlorophenol	ND		ug/kg	2500	690	5
Phenol	1000	J	ug/kg	3100	480	5
2-Methylphenol	590	J	ug/kg	3100	490	5
3-Methylphenol/4-Methylphenol	540	J	ug/kg	4500	490	5

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22 D
Client ID: WAL-22-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:10
Date Received: 07/25/23
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	3100	600	5
Benzoic Acid	ND		ug/kg	10000	3200	5
Benzyl Alcohol	ND		ug/kg	3100	960	5
Carbazole	950	J	ug/kg	3100	310	5
1,4-Dioxane	ND		ug/kg	470	140	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	111		25-120
Phenol-d6	107		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	69		18-120

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-23
Client ID: WAL-23-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:15
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/04/23 06:05
Analyst: ALS
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 16:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1400		ug/kg	510	66.	1
1,2,4-Trichlorobenzene	ND		ug/kg	640	73.	1
Hexachlorobenzene	ND		ug/kg	380	72.	1
Bis(2-chloroethyl)ether	ND		ug/kg	580	87.	1
2-Chloronaphthalene	ND		ug/kg	640	64.	1
1,2-Dichlorobenzene	ND		ug/kg	640	120	1
1,3-Dichlorobenzene	ND		ug/kg	640	110	1
1,4-Dichlorobenzene	ND		ug/kg	640	110	1
3,3'-Dichlorobenzidine	ND		ug/kg	640	170	1
2,4-Dinitrotoluene	ND		ug/kg	640	130	1
2,6-Dinitrotoluene	ND		ug/kg	640	110	1
Fluoranthene	3100		ug/kg	380	74.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	640	69.	1
4-Bromophenyl phenyl ether	ND		ug/kg	640	98.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	770	110	1
Bis(2-chloroethoxy)methane	ND		ug/kg	690	64.	1
Hexachlorobutadiene	ND		ug/kg	640	94.	1
Hexachlorocyclopentadiene	ND		ug/kg	1800	580	1
Hexachloroethane	ND		ug/kg	510	100	1
Isophorone	ND		ug/kg	580	83.	1
Naphthalene	210000	E	ug/kg	640	78.	1
Nitrobenzene	ND		ug/kg	580	95.	1
NDPA/DPA	ND		ug/kg	510	73.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	640	99.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	640	220	1
Butyl benzyl phthalate	ND		ug/kg	640	160	1
Di-n-butylphthalate	ND		ug/kg	640	120	1
Di-n-octylphthalate	ND		ug/kg	640	220	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-23 Date Collected: 07/25/23 12:15

Client ID: WAL-23-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	640	59.	1
Dimethyl phthalate	ND		ug/kg	640	130	1
Benzo(a)anthracene	1400		ug/kg	380	72.	1
Benzo(a)pyrene	2000		ug/kg	510	160	1
Benzo(b)fluoranthene	2700		ug/kg	380	110	1
Benzo(k)fluoranthene	600		ug/kg	380	100	1
Chrysene	1500		ug/kg	380	67.	1
Acenaphthylene	2200		ug/kg	510	99.	1
Anthracene	790		ug/kg	380	120	1
Benzo(ghi)perylene	1500		ug/kg	510	75.	1
Fluorene	1500		ug/kg	640	62.	1
Phenanthrene	3300		ug/kg	380	78.	1
Dibenzo(a,h)anthracene	340	J	ug/kg	380	74.	1
Indeno(1,2,3-cd)pyrene	1800		ug/kg	510	89.	1
Pyrene	2200		ug/kg	380	64.	1
Biphenyl	900	J	ug/kg	1500	83.	1
4-Chloroaniline	ND		ug/kg	640	120	1
2-Nitroaniline	ND		ug/kg	640	120	1
3-Nitroaniline	ND		ug/kg	640	120	1
4-Nitroaniline	ND		ug/kg	640	260	1
Dibenzofuran	1200		ug/kg	640	61.	1
2-Methylnaphthalene	9200		ug/kg	770	78.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	640	67.	1
Acetophenone	360	J	ug/kg	640	79.	1
2,4,6-Trichlorophenol	ND		ug/kg	380	120	1
p-Chloro-m-cresol	ND		ug/kg	640	96.	1
2-Chlorophenol	ND		ug/kg	640	76.	1
2,4-Dichlorophenol	ND		ug/kg	580	100	1
2,4-Dimethylphenol	ND		ug/kg	640	210	1
2-Nitrophenol	ND		ug/kg	1400	240	1
4-Nitrophenol	ND		ug/kg	900	260	1
2,4-Dinitrophenol	ND		ug/kg	3100	300	1
4,6-Dinitro-o-cresol	ND		ug/kg	1700	310	1
Pentachlorophenol	ND		ug/kg	510	140	1
Phenol	2800		ug/kg	640	97.	1
2-Methylphenol	900		ug/kg	640	99.	1
3-Methylphenol/4-Methylphenol	2100		ug/kg	920	100	1

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-23 Date Collected: 07/25/23 12:15

Client ID: WAL-23-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	640	120	1
Benzoic Acid	ND		ug/kg	2100	650	1
Benzyl Alcohol	ND		ug/kg	640	200	1
Carbazole	1100		ug/kg	640	62.	1
1,4-Dioxane	ND		ug/kg	96	30.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	**122**	Q	10-120
Nitrobenzene-d5	**137**	Q	23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	61		18-120

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-23 D
Client ID: WAL-23-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:15
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 08/08/23 10:46
Analyst: LJG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 16:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	580000		ug/kg	64000	7800	100

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/01/23 12:36
Analyst: LJG
TCLP/SPLP Extraction Date: 07/27/23 15:44

Extraction Method: EPA 3510C
Extraction Date: 07/31/23 14:22

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 07,13,16,22 Batch: WG1809927-1					
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	74		21-120
Phenol-d6	69		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	75		33-120

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL
Lab Number: L2342740
Report Date: 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/03/23 01:27
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/02/23 10:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-23 Batch: WG1810865-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/03/23 01:27
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/02/23 10:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-23 Batch: WG1810865-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/03/23 01:27
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/02/23 10:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-23 Batch: WG1810865-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	92		18-120

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/03/23 07:52
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,10-20 Batch: WG1811054-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/03/23 07:52
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,10-20 Batch: WG1811054-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/03/23 07:52
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 08/02/23 15:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,10-20 Batch: WG1811054-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	104		25-120
Phenol-d6	104		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	123		10-136
4-Terphenyl-d14	104		18-120

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/08/23 02:35
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/07/23 18:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1812910-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	28.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
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	32.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/08/23 02:35
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/07/23 18:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1812910-1					
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.
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	32.
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.

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL
Lab Number: L2342740
Report Date: 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/08/23 02:35
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 08/07/23 18:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1812910-1					
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.
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.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	46		10-136
4-Terphenyl-d14	52		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 07,13,16,22 Batch: WG1809927-2 WG1809927-3								
Hexachlorobenzene	70		72		40-140	3		30
2,4-Dinitrotoluene	80		81		40-132	1		30
Hexachlorobutadiene	64		64		28-111	0		30
Hexachloroethane	67		65		21-105	3		30
Nitrobenzene	84		84		40-140	0		30
2,4,6-Trichlorophenol	80		80		30-130	0		30
Pentachlorophenol	67		68		9-103	1		30
2-Methylphenol	73		73		30-130	0		30
3-Methylphenol/4-Methylphenol	77		79		30-130	3		30
2,4,5-Trichlorophenol	77		77		30-130	0		30
Pyridine	30		38		10-66	24		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		70		21-120
Phenol-d6	68		67		10-120
Nitrobenzene-d5	87		84		23-120
2-Fluorobiphenyl	68		68		15-120
2,4,6-Tribromophenol	81		82		10-120
4-Terphenyl-d14	66		67		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-23 Batch: WG1810865-2 WG1810865-3								
Acenaphthene	81		69		31-137	16		50
1,2,4-Trichlorobenzene	91		64		38-107	35		50
Hexachlorobenzene	74		64		40-140	14		50
Bis(2-chloroethyl)ether	92		67		40-140	31		50
2-Chloronaphthalene	84		68		40-140	21		50
1,2-Dichlorobenzene	85		60		40-140	34		50
1,3-Dichlorobenzene	79		57		40-140	32		50
1,4-Dichlorobenzene	82		59		28-104	33		50
3,3'-Dichlorobenzidine	71		62		40-140	14		50
2,4-Dinitrotoluene	63		50		40-132	23		50
2,6-Dinitrotoluene	67		54		40-140	21		50
Fluoranthene	76		65		40-140	16		50
4-Chlorophenyl phenyl ether	80		67		40-140	18		50
4-Bromophenyl phenyl ether	79		67		40-140	16		50
Bis(2-chloroisopropyl)ether	108		78		40-140	32		50
Bis(2-chloroethoxy)methane	103		72		40-117	35		50
Hexachlorobutadiene	77		66		40-140	15		50
Hexachlorocyclopentadiene	**3**	Q	**2**	Q	40-140	25		50
Hexachloroethane	54		**39**	Q	40-140	32		50
Isophorone	105		74		40-140	35		50
Naphthalene	84		70		40-140	18		50
Nitrobenzene	99		68		40-140	37		50
NDPA/DPA	84		71		36-157	17		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-23 Batch: WG1810865-2 WG1810865-3								
n-Nitrosodi-n-propylamine	109		78		32-121	33		50
Bis(2-ethylhexyl)phthalate	111		95		40-140	16		50
Butyl benzyl phthalate	88		76		40-140	15		50
Di-n-butylphthalate	97		81		40-140	18		50
Di-n-octylphthalate	112		96		40-140	15		50
Diethyl phthalate	91		75		40-140	19		50
Dimethyl phthalate	85		68		40-140	22		50
Benzo(a)anthracene	88		74		40-140	17		50
Benzo(a)pyrene	100		84		40-140	17		50
Benzo(b)fluoranthene	82		71		40-140	14		50
Benzo(k)fluoranthene	94		81		40-140	15		50
Chrysene	86		74		40-140	15		50
Acenaphthylene	85		70		40-140	19		50
Anthracene	88		74		40-140	17		50
Benzo(ghi)perylene	76		70		40-140	8		50
Fluorene	82		70		40-140	16		50
Phenanthrene	84		70		40-140	18		50
Dibenzo(a,h)anthracene	73		66		40-140	10		50
Indeno(1,2,3-cd)pyrene	80		69		40-140	15		50
Pyrene	75		65		35-142	14		50
Biphenyl	77		63		37-127	20		50
4-Chloroaniline	74		64		40-140	14		50
2-Nitroaniline	97		78		47-134	22		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-23 Batch: WG1810865-2 WG1810865-3								
3-Nitroaniline	97		82		26-129	17		50
4-Nitroaniline	89		74		41-125	18		50
Dibenzofuran	86		73		40-140	16		50
2-Methylnaphthalene	87		71		40-140	20		50
1,2,4,5-Tetrachlorobenzene	73		60		40-117	20		50
Acetophenone	90		63		14-144	35		50
2,4,6-Trichlorophenol	77		64		30-130	18		50
p-Chloro-m-cresol	90		73		26-103	21		50
2-Chlorophenol	93		65		25-102	35		50
2,4-Dichlorophenol	100		68		30-130	38		50
2,4-Dimethylphenol	107		74		30-130	36		50
2-Nitrophenol	57		40		30-130	35		50
4-Nitrophenol	53		43		11-114	21		50
2,4-Dinitrophenol	**0**	Q	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	**0**	Q	**0**	Q	10-130	NC		50
Pentachlorophenol	44		42		17-109	5		50
Phenol	**105**	Q	74		26-90	35		50
2-Methylphenol	102		71		30-130.	36		50
3-Methylphenol/4-Methylphenol	101		70		30-130	36		50
2,4,5-Trichlorophenol	80		65		30-130	21		50
Benzoic Acid	18		**0**	Q	10-110	NC		50
Benzyl Alcohol	108		74		40-140	37		50
Carbazole	86		72		54-128	18		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-23 Batch: WG1810865-2 WG1810865-3								
1,4-Dioxane	43		**36**	Q	40-140	18		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		53		25-120
Phenol-d6	88		60		10-120
Nitrobenzene-d5	87		60		23-120
2-Fluorobiphenyl	72		58		30-120
2,4,6-Tribromophenol	58		49		10-136
4-Terphenyl-d14	63		53		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-20 Batch: WG1811054-2 WG1811054-3								
Acenaphthene	71		70		31-137	1		50
1,2,4-Trichlorobenzene	70		71		38-107	1		50
Hexachlorobenzene	87		84		40-140	4		50
Bis(2-chloroethyl)ether	67		70		40-140	4		50
2-Chloronaphthalene	79		77		40-140	3		50
1,2-Dichlorobenzene	64		68		40-140	6		50
1,3-Dichlorobenzene	63		66		40-140	5		50
1,4-Dichlorobenzene	66		68		28-104	3		50
3,3'-Dichlorobenzidine	63		61		40-140	3		50
2,4-Dinitrotoluene	94		91		40-132	3		50
2,6-Dinitrotoluene	102		96		40-140	6		50
Fluoranthene	79		77		40-140	3		50
4-Chlorophenyl phenyl ether	82		77		40-140	6		50
4-Bromophenyl phenyl ether	80		76		40-140	5		50
Bis(2-chloroisopropyl)ether	41		43		40-140	5		50
Bis(2-chloroethoxy)methane	77		75		40-117	3		50
Hexachlorobutadiene	66		68		40-140	3		50
Hexachlorocyclopentadiene	107		116		40-140	8		50
Hexachloroethane	63		65		40-140	3		50
Isophorone	76		74		40-140	3		50
Naphthalene	68		70		40-140	3		50
Nitrobenzene	79		80		40-140	1		50
NDPA/DPA	83		79		36-157	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-20 Batch: WG1811054-2 WG1811054-3								
n-Nitrosodi-n-propylamine	75		74		32-121	1		50
Bis(2-ethylhexyl)phthalate	88		84		40-140	5		50
Butyl benzyl phthalate	88		87		40-140	1		50
Di-n-butylphthalate	84		82		40-140	2		50
Di-n-octylphthalate	89		87		40-140	2		50
Diethyl phthalate	85		82		40-140	4		50
Dimethyl phthalate	86		80		40-140	7		50
Benzo(a)anthracene	79		76		40-140	4		50
Benzo(a)pyrene	86		85		40-140	1		50
Benzo(b)fluoranthene	78		78		40-140	0		50
Benzo(k)fluoranthene	84		81		40-140	4		50
Chrysene	80		79		40-140	1		50
Acenaphthylene	80		77		40-140	4		50
Anthracene	78		76		40-140	3		50
Benzo(ghi)perylene	78		77		40-140	1		50
Fluorene	78		76		40-140	3		50
Phenanthrene	76		74		40-140	3		50
Dibenzo(a,h)anthracene	80		79		40-140	1		50
Indeno(1,2,3-cd)pyrene	77		76		40-140	1		50
Pyrene	78		77		35-142	1		50
Biphenyl	83		80		37-127	4		50
4-Chloroaniline	65		64		40-140	2		50
2-Nitroaniline	107		101		47-134	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-20 Batch: WG1811054-2 WG1811054-3								
3-Nitroaniline	83		82		26-129	1		50
4-Nitroaniline	107		102		41-125	5		50
Dibenzofuran	79		76		40-140	4		50
2-Methylnaphthalene	76		74		40-140	3		50
1,2,4,5-Tetrachlorobenzene	74		72		40-117	3		50
Acetophenone	82		83		14-144	1		50
2,4,6-Trichlorophenol	96		90		30-130	6		50
p-Chloro-m-cresol	89		85		26-103	5		50
2-Chlorophenol	76		76		25-102	0		50
2,4-Dichlorophenol	85		81		30-130	5		50
2,4-Dimethylphenol	86		83		30-130	4		50
2-Nitrophenol	104		103		30-130	1		50
4-Nitrophenol	97		91		11-114	6		50
2,4-Dinitrophenol	115		105		4-130	9		50
4,6-Dinitro-o-cresol	116		112		10-130	4		50
Pentachlorophenol	**142**	Q	**136**	Q	17-109	4		50
Phenol	83		82		26-90	1		50
2-Methylphenol	80		78		30-130.	3		50
3-Methylphenol/4-Methylphenol	83		80		30-130	4		50
2,4,5-Trichlorophenol	93		89		30-130	4		50
Benzoic Acid	44		33		10-110	29		50
Benzyl Alcohol	86		82		40-140	5		50
Carbazole	79		76		54-128	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-20 Batch: WG1811054-2 WG1811054-3								
1,4-Dioxane	48		52		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		79		25-120
Phenol-d6	77		80		10-120
Nitrobenzene-d5	76		79		23-120
2-Fluorobiphenyl	70		72		30-120
2,4,6-Tribromophenol	96		98		10-136
4-Terphenyl-d14	77		78		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1812910-2 WG1812910-3								
Acenaphthene	60		64		31-137	6		50
1,2,4-Trichlorobenzene	60		66		38-107	10		50
Hexachlorobenzene	50		55		40-140	10		50
Bis(2-chloroethyl)ether	65		71		40-140	9		50
2-Chloronaphthalene	62		68		40-140	9		50
1,2-Dichlorobenzene	64		69		40-140	8		50
1,3-Dichlorobenzene	63		69		40-140	9		50
1,4-Dichlorobenzene	63		68		28-104	8		50
3,3'-Dichlorobenzidine	54		56		40-140	4		50
2,4-Dinitrotoluene	65		68		40-132	5		50
2,6-Dinitrotoluene	63		72		40-140	13		50
Fluoranthene	59		62		40-140	5		50
4-Chlorophenyl phenyl ether	56		60		40-140	7		50
4-Bromophenyl phenyl ether	53		57		40-140	7		50
Bis(2-chloroisopropyl)ether	63		70		40-140	11		50
Bis(2-chloroethoxy)methane	67		74		40-117	10		50
Hexachlorobutadiene	54		61		40-140	12		50
Hexachlorocyclopentadiene	**14**	Q	**18**	Q	40-140	25		50
Hexachloroethane	64		69		40-140	8		50
Isophorone	64		71		40-140	10		50
Naphthalene	64		69		40-140	8		50
Nitrobenzene	62		68		40-140	9		50
NDPA/DPA	61		65		36-157	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1812910-2 WG1812910-3								
n-Nitrosodi-n-propylamine	64		71		32-121	10		50
Bis(2-ethylhexyl)phthalate	63		72		40-140	13		50
Butyl benzyl phthalate	71		76		40-140	7		50
Di-n-butylphthalate	69		78		40-140	12		50
Di-n-octylphthalate	67		73		40-140	9		50
Diethyl phthalate	64		69		40-140	8		50
Dimethyl phthalate	60		68		40-140	13		50
Benzo(a)anthracene	64		67		40-140	5		50
Benzo(a)pyrene	74		70		40-140	6		50
Benzo(b)fluoranthene	70		61		40-140	14		50
Benzo(k)fluoranthene	62		63		40-140	2		50
Chrysene	60		63		40-140	5		50
Acenaphthylene	65		72		40-140	10		50
Anthracene	65		68		40-140	5		50
Benzo(ghi)perylene	62		64		40-140	3		50
Fluorene	57		60		40-140	5		50
Phenanthrene	63		67		40-140	6		50
Dibenzo(a,h)anthracene	63		64		40-140	2		50
Indeno(1,2,3-cd)pyrene	64		66		40-140	3		50
Pyrene	59		62		35-142	5		50
Biphenyl	54		60		37-127	11		50
4-Chloroaniline	50		52		40-140	4		50
2-Nitroaniline	69		78		47-134	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1812910-2 WG1812910-3								
3-Nitroaniline	57		60		26-129	5		50
4-Nitroaniline	60		64		41-125	6		50
Dibenzofuran	62		65		40-140	5		50
2-Methylnaphthalene	63		69		40-140	9		50
1,2,4,5-Tetrachlorobenzene	48		51		40-117	6		50
Acetophenone	61		67		14-144	9		50
2,4,6-Trichlorophenol	60		68		30-130	13		50
p-Chloro-m-cresol	65		72		26-103	10		50
2-Chlorophenol	70		75		25-102	7		50
2,4-Dichlorophenol	67		75		30-130	11		50
2,4-Dimethylphenol	64		71		30-130	10		50
2-Nitrophenol	75		85		30-130	13		50
4-Nitrophenol	57		60		11-114	5		50
2,4-Dinitrophenol	30		32		4-130	6		50
4,6-Dinitro-o-cresol	54		61		10-130	12		50
Pentachlorophenol	34		38		17-109	11		50
Phenol	68		74		26-90	8		50
2-Methylphenol	65		70		30-130.	7		50
3-Methylphenol/4-Methylphenol	67		73		30-130	9		50
2,4,5-Trichlorophenol	60		67		30-130	11		50
Benzoic Acid	24		22		10-110	9		50
Benzyl Alcohol	66		72		40-140	9		50
Carbazole	67		71		54-128	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1812910-2 WG1812910-3								
1,4-Dioxane	50		51		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		70		25-120
Phenol-d6	60		66		10-120
Nitrobenzene-d5	58		63		23-120
2-Fluorobiphenyl	54		60		30-120
2,4,6-Tribromophenol	43		47		10-136
4-Terphenyl-d14	47		50		18-120

PCBS

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-02
Client ID: WAL-02-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:30
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/03/23 15:44
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 17:05
Cleanup Method: EPA 3665A
Cleanup Date: 08/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.4	4.74	1	A
Aroclor 1221	ND		ug/kg	53.4	5.35	1	A
Aroclor 1232	ND		ug/kg	53.4	11.3	1	A
Aroclor 1242	ND		ug/kg	53.4	7.20	1	A
Aroclor 1248	ND		ug/kg	53.4	8.01	1	A
Aroclor 1254	ND		ug/kg	53.4	5.84	1	A
Aroclor 1260	ND		ug/kg	53.4	9.87	1	A
Aroclor 1262	ND		ug/kg	53.4	6.78	1	A
Aroclor 1268	ND		ug/kg	53.4	5.53	1	A
PCBs, Total	ND		ug/kg	53.4	4.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	**173**	Q	30-150	B

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-04
Client ID: WAL-04-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:40
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/03/23 15:12
Analyst: ER
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 17:05
Cleanup Method: EPA 3665A
Cleanup Date: 08/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.0	5.41	1	A
Aroclor 1221	ND		ug/kg	61.0	6.11	1	A
Aroclor 1232	ND		ug/kg	61.0	12.9	1	A
Aroclor 1242	ND		ug/kg	61.0	8.22	1	A
Aroclor 1248	ND		ug/kg	61.0	9.14	1	A
Aroclor 1254	ND		ug/kg	61.0	6.67	1	A
Aroclor 1260	ND		ug/kg	61.0	11.3	1	A
Aroclor 1262	ND		ug/kg	61.0	7.74	1	A
Aroclor 1268	ND		ug/kg	61.0	6.32	1	A
PCBs, Total	ND		ug/kg	61.0	5.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-06
Client ID: WAL-06-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:50
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/03/23 15:04
Analyst: ER
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 17:05
Cleanup Method: EPA 3665A
Cleanup Date: 08/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.6	5.38	1	A
Aroclor 1221	ND		ug/kg	60.6	6.07	1	A
Aroclor 1232	ND		ug/kg	60.6	12.8	1	A
Aroclor 1242	ND		ug/kg	60.6	8.16	1	A
Aroclor 1248	ND		ug/kg	60.6	9.08	1	A
Aroclor 1254	ND		ug/kg	60.6	6.63	1	A
Aroclor 1260	ND		ug/kg	60.6	11.2	1	A
Aroclor 1262	ND		ug/kg	60.6	7.69	1	A
Aroclor 1268	ND		ug/kg	60.6	6.27	1	A
PCBs, Total	ND		ug/kg	60.6	5.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-08
Client ID: WAL-08-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:00
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/03/23 15:28
Analyst: ER
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 17:05
Cleanup Method: EPA 3665A
Cleanup Date: 08/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.7	5.39	1	A
Aroclor 1221	ND		ug/kg	60.7	6.08	1	A
Aroclor 1232	ND		ug/kg	60.7	12.9	1	A
Aroclor 1242	ND		ug/kg	60.7	8.19	1	A
Aroclor 1248	ND		ug/kg	60.7	9.11	1	A
Aroclor 1254	ND		ug/kg	60.7	6.64	1	A
Aroclor 1260	16.2	J	ug/kg	60.7	11.2	1	A
Aroclor 1262	ND		ug/kg	60.7	7.71	1	A
Aroclor 1268	ND		ug/kg	60.7	6.29	1	A
PCBs, Total	16.2	J	ug/kg	60.7	5.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	**153**	Q	30-150	B

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-10
Client ID: WAL-10-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:10
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/03/23 15:36
Analyst: ER
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 17:05
Cleanup Method: EPA 3665A
Cleanup Date: 08/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.1	5.34	1	A
Aroclor 1221	ND		ug/kg	60.1	6.02	1	A
Aroclor 1232	ND		ug/kg	60.1	12.7	1	A
Aroclor 1242	ND		ug/kg	60.1	8.10	1	A
Aroclor 1248	ND		ug/kg	60.1	9.02	1	A
Aroclor 1254	27.2	J	ug/kg	60.1	6.58	1	B
Aroclor 1260	15.2	J	ug/kg	60.1	11.1	1	B
Aroclor 1262	ND		ug/kg	60.1	7.63	1	A
Aroclor 1268	ND		ug/kg	60.1	6.23	1	A
PCBs, Total	42.4	J	ug/kg	60.1	5.34	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	**158**	Q	30-150	B

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13
Client ID: WAL-13-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:25
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/04/23 20:42
Analyst: ER
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 08/03/23 21:43
Cleanup Method: EPA 3665A
Cleanup Date: 08/04/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/04/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.0	5.24	1	A
Aroclor 1221	ND		ug/kg	59.0	5.92	1	A
Aroclor 1232	ND		ug/kg	59.0	12.5	1	A
Aroclor 1242	ND		ug/kg	59.0	7.96	1	A
Aroclor 1248	ND		ug/kg	59.0	8.86	1	A
Aroclor 1254	ND		ug/kg	59.0	6.46	1	A
Aroclor 1260	ND		ug/kg	59.0	10.9	1	A
Aroclor 1262	ND		ug/kg	59.0	7.50	1	A
Aroclor 1268	ND		ug/kg	59.0	6.12	1	A
PCBs, Total	ND		ug/kg	59.0	5.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	138		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	**172**	Q	30-150	B

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-15
Client ID: WAL-15-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:35
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/05/23 09:08
Analyst: ER
Percent Solids: 65%

Extraction Method: EPA 3546
Extraction Date: 08/04/23 09:44
Cleanup Method: EPA 3665A
Cleanup Date: 08/05/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/05/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	75.5	6.71	1	A
Aroclor 1221	ND		ug/kg	75.5	7.57	1	A
Aroclor 1232	ND		ug/kg	75.5	16.0	1	A
Aroclor 1242	ND		ug/kg	75.5	10.2	1	A
Aroclor 1248	ND		ug/kg	75.5	11.3	1	A
Aroclor 1254	ND		ug/kg	75.5	8.26	1	A
Aroclor 1260	ND		ug/kg	75.5	14.0	1	A
Aroclor 1262	ND		ug/kg	75.5	9.59	1	A
Aroclor 1268	ND		ug/kg	75.5	7.83	1	A
PCBs, Total	ND		ug/kg	75.5	6.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	32		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	39		30-150	B

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16
Client ID: WAL-16-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:40
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/03/23 15:20
Analyst: ER
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 17:05
Cleanup Method: EPA 3665A
Cleanup Date: 08/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	65.4	5.80	1	A
Aroclor 1221	ND		ug/kg	65.4	6.55	1	A
Aroclor 1232	ND		ug/kg	65.4	13.8	1	A
Aroclor 1242	ND		ug/kg	65.4	8.81	1	A
Aroclor 1248	ND		ug/kg	65.4	9.80	1	A
Aroclor 1254	ND		ug/kg	65.4	7.15	1	A
Aroclor 1260	ND		ug/kg	65.4	12.1	1	A
Aroclor 1262	ND		ug/kg	65.4	8.30	1	A
Aroclor 1268	ND		ug/kg	65.4	6.77	1	A
PCBs, Total	ND		ug/kg	65.4	5.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-18
Client ID: WAL-18-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:50
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/03/23 14:56
Analyst: ER
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 08/02/23 17:05
Cleanup Method: EPA 3665A
Cleanup Date: 08/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.0	5.41	1	A
Aroclor 1221	ND		ug/kg	61.0	6.11	1	A
Aroclor 1232	ND		ug/kg	61.0	12.9	1	A
Aroclor 1242	ND		ug/kg	61.0	8.22	1	A
Aroclor 1248	ND		ug/kg	61.0	9.15	1	A
Aroclor 1254	ND		ug/kg	61.0	6.67	1	A
Aroclor 1260	ND		ug/kg	61.0	11.3	1	A
Aroclor 1262	ND		ug/kg	61.0	7.74	1	A
Aroclor 1268	ND		ug/kg	61.0	6.32	1	A
PCBs, Total	ND		ug/kg	61.0	5.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-19
Client ID: WAL-19-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/07/23 19:28
Analyst: MEO
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 08/03/23 21:43
Cleanup Method: EPA 3665A
Cleanup Date: 08/04/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/04/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.3	5.45	1	A
Aroclor 1221	ND		ug/kg	61.3	6.14	1	A
Aroclor 1232	ND		ug/kg	61.3	13.0	1	A
Aroclor 1242	ND		ug/kg	61.3	8.27	1	A
Aroclor 1248	12.0	J	ug/kg	61.3	9.20	1	B
Aroclor 1254	13.3	J	ug/kg	61.3	6.71	1	A
Aroclor 1260	ND		ug/kg	61.3	11.3	1	A
Aroclor 1262	ND		ug/kg	61.3	7.79	1	A
Aroclor 1268	ND		ug/kg	61.3	6.35	1	B
PCBs, Total	25.3	J	ug/kg	61.3	5.45	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22
Client ID: WAL-22-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:10
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/07/23 19:38
Analyst: MEO
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 08/03/23 21:43
Cleanup Method: EPA 3665A
Cleanup Date: 08/04/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/04/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.4	5.45	1	A
Aroclor 1221	ND		ug/kg	61.4	6.15	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	9.70	J	ug/kg	61.4	9.21	1	A
Aroclor 1254	9.73	J	ug/kg	61.4	6.72	1	A
Aroclor 1260	ND		ug/kg	61.4	11.3	1	B
Aroclor 1262	ND		ug/kg	61.4	7.80	1	A
Aroclor 1268	ND		ug/kg	61.4	6.36	1	A
PCBs, Total	19.4	J	ug/kg	61.4	5.45	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-23
Client ID: WAL-23-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:15
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/04/23 21:06
Analyst: ER
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 08/03/23 21:43
Cleanup Method: EPA 3665A
Cleanup Date: 08/04/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/04/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	64.7	5.74	1	A
Aroclor 1221	ND		ug/kg	64.7	6.48	1	A
Aroclor 1232	ND		ug/kg	64.7	13.7	1	A
Aroclor 1242	42.5	J	ug/kg	64.7	8.72	1	B
Aroclor 1248	ND		ug/kg	64.7	9.70	1	A
Aroclor 1254	19.2	J	ug/kg	64.7	7.08	1	B
Aroclor 1260	ND		ug/kg	64.7	12.0	1	B
Aroclor 1262	ND		ug/kg	64.7	8.21	1	A
Aroclor 1268	ND		ug/kg	64.7	6.70	1	A
PCBs, Total	61.7	J	ug/kg	64.7	5.74	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL
Lab Number: L2342740
Report Date: 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/03/23 09:57
Analyst: ENT

Extraction Method: EPA 3546
Extraction Date: 08/02/23 11:20
Cleanup Method: EPA 3665A
Cleanup Date: 08/02/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,04,06,08,10,16,18 Batch: WG1810886-1						
Aroclor 1016	ND		ug/kg	46.4	4.12	A
Aroclor 1221	ND		ug/kg	46.4	4.65	A
Aroclor 1232	ND		ug/kg	46.4	9.83	A
Aroclor 1242	ND		ug/kg	46.4	6.25	A
Aroclor 1248	ND		ug/kg	46.4	6.96	A
Aroclor 1254	ND		ug/kg	46.4	5.07	A
Aroclor 1260	ND		ug/kg	46.4	8.57	A
Aroclor 1262	ND		ug/kg	46.4	5.89	A
Aroclor 1268	ND		ug/kg	46.4	4.80	A
PCBs, Total	ND		ug/kg	46.4	4.12	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL
Lab Number: L2342740
Report Date: 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/04/23 19:38
Analyst: ER

Extraction Method: EPA 3546
Extraction Date: 08/03/23 20:17
Cleanup Method: EPA 3665A
Cleanup Date: 08/04/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/04/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 13,19,22-23 Batch: WG1811640-1						
Aroclor 1016	ND		ug/kg	49.0	4.35	A
Aroclor 1221	ND		ug/kg	49.0	4.91	A
Aroclor 1232	ND		ug/kg	49.0	10.4	A
Aroclor 1242	ND		ug/kg	49.0	6.60	A
Aroclor 1248	ND		ug/kg	49.0	7.34	A
Aroclor 1254	ND		ug/kg	49.0	5.36	A
Aroclor 1260	ND		ug/kg	49.0	9.05	A
Aroclor 1262	ND		ug/kg	49.0	6.22	A
Aroclor 1268	ND		ug/kg	49.0	5.07	A
PCBs, Total	ND		ug/kg	49.0	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL
Lab Number: L2342740
Report Date: 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/05/23 08:12
Analyst: ER

Extraction Method: EPA 3546
Extraction Date: 08/04/23 09:44
Cleanup Method: EPA 3665A
Cleanup Date: 08/05/23
Cleanup Method: EPA 3660B
Cleanup Date: 08/05/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 15 Batch: WG1811871-1						
Aroclor 1016	ND		ug/kg	48.2	4.28	A
Aroclor 1221	ND		ug/kg	48.2	4.83	A
Aroclor 1232	ND		ug/kg	48.2	10.2	A
Aroclor 1242	ND		ug/kg	48.2	6.49	A
Aroclor 1248	ND		ug/kg	48.2	7.22	A
Aroclor 1254	ND		ug/kg	48.2	5.27	A
Aroclor 1260	ND		ug/kg	48.2	8.90	A
Aroclor 1262	ND		ug/kg	48.2	6.12	A
Aroclor 1268	ND		ug/kg	48.2	4.99	A
PCBs, Total	ND		ug/kg	48.2	4.28	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	69		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,04,06,08,10,16,18 Batch: WG1810886-2 WG1810886-3									
Aroclor 1016	69		70		40-140	1		50	A
Aroclor 1260	66		69		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		71		30-150	A
Decachlorobiphenyl	72		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		73		30-150	B
Decachlorobiphenyl	77		79		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC

Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740

Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 13,19,22-23 Batch: WG1811640-2 WG1811640-3									
Aroclor 1016	77		73		40-140	5		50	A
Aroclor 1260	71		72		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		66		30-150	A
Decachlorobiphenyl	61		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		68		30-150	B
Decachlorobiphenyl	63		66		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC

Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740

Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 15 Batch: WG1811871-2 WG1811871-3									
Aroclor 1016	78		68		40-140	14		50	A
Aroclor 1260	74		63		40-140	16		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		66		30-150	A
Decachlorobiphenyl	67		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		67		30-150	B
Decachlorobiphenyl	67		58		30-150	B

PESTICIDES

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/01/23 13:43
Analyst: AKM
Percent Solids: 83%
TCLP/SPLP Ext. Date: 07/28/23 05:37

Extraction Method: EPA 3510C
Extraction Date: 07/31/23 18:17

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	72		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/31/23 11:21
Analyst: AKM
Percent Solids: 83%
TCLP/SPLP Ext. Date: 07/28/23 05:37
Methylation Date: 07/31/23 06:45

Extraction Method: EPA 8151A
Extraction Date: 07/30/23 13:37

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	46		30-150	A
DCAA	44		30-150	B

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13
Client ID: WAL-13-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:25
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/01/23 13:54
Analyst: AKM
Percent Solids: 78%
TCLP/SPLP Ext. Date: 07/28/23 05:37

Extraction Method: EPA 3510C
Extraction Date: 07/31/23 18:17

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	71		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13
Client ID: WAL-13-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:25
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/31/23 11:39
Analyst: AKM
Percent Solids: 78%
TCLP/SPLP Ext. Date: 07/28/23 05:37
Methylation Date: 07/31/23 06:45

Extraction Method: EPA 8151A
Extraction Date: 07/30/23 13:37

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	42		30-150	A
DCAA	45		30-150	B

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16
Client ID: WAL-16-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:40
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/01/23 14:06
Analyst: AKM
Percent Solids: 76%
TCLP/SPLP Ext. Date: 07/28/23 05:37

Extraction Method: EPA 3510C
Extraction Date: 07/31/23 18:17

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	61		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	35		30-150	B

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16
Client ID: WAL-16-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:40
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/31/23 11:58
Analyst: AKM
Percent Solids: 76%
TCLP/SPLP Ext. Date: 07/28/23 05:37
Methylation Date: 07/31/23 06:45

Extraction Method: EPA 8151A
Extraction Date: 07/30/23 13:37

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	39		30-150	A
DCAA	47		30-150	B

Project Name: RITC
Project Number: SECONDARY CNTS.-WA
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22
Client ID: WAL-22-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:10
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 08/01/23 14:17
Analyst: AKM
Percent Solids: 76%
TCLP/SPLP Ext. Date: 07/28/23 05:37

Extraction Method: EPA 3510C
Extraction Date: 07/31/23 18:17

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	72		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WA
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22
Client ID: WAL-22-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:10
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/31/23 12:17
Analyst: AKM
Percent Solids: 76%
TCLP/SPLP Ext. Date: 07/28/23 05:37
Methylation Date: 07/31/23 06:45

Extraction Method: EPA 8151A
Extraction Date: 07/30/23 13:37

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	38		30-150	A
DCAA	42		30-150	B

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL
Lab Number: L2342740
Report Date: 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/31/23 09:49
Analyst: AKM
TCLP/SPLP Extraction Date: 07/27/23 15:44
Methylation Date: 07/31/23 06:45

Extraction Method: EPA 8151A
Extraction Date: 07/30/23 13:37

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 07,13,16,22 Batch: WG1809540-1						
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	46		30-150	A
DCAA	54		30-150	B

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL
Lab Number: L2342740
Report Date: 08/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/01/23 12:47
Analyst: AKM
TCLP/SPLP Extraction Date: 07/27/23 15:44

Extraction Method: EPA 3510C
Extraction Date: 07/31/23 18:17

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 07,13,16,22 Batch: WG1810007-1						
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	63		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	62		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC

Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740

Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 07,13,16,22 Batch: WG1809540-2 WG1809540-3									
2,4-D	59		65		30-150	10		25	A
2,4,5-TP (Silvex)	31		33		30-150	6		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	36		36		30-150	A
DCAA	33		36		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 07,13,16,22 Batch: WG1810007-2 WG1810007-3									
Lindane	76		74		30-150	2		20	A
Heptachlor	80		79		30-150	1		20	A
Heptachlor epoxide	72		71		30-150	2		20	A
Endrin	69		72		30-150	5		20	A
Methoxychlor	89		93		30-150	4		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		68		30-150	A
Decachlorobiphenyl	68		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		67		30-150	B
Decachlorobiphenyl	63		69		30-150	B

METALS

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-01 Date Collected: 07/25/23 10:25

Client ID: WAL-01-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	5140		mg/kg	10.2	2.74	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	5.08	0.386	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Arsenic, Total	8.35		mg/kg	1.02	0.211	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Barium, Total	62.5		mg/kg	1.02	0.177	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.726		mg/kg	0.508	0.034	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.584	J	mg/kg	1.02	0.100	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Calcium, Total	71300		mg/kg	102	35.5	20	08/02/23 23:26	08/14/23 18:23	EPA 3050B	1,6010D	TAA
Chromium, Total	27.0		mg/kg	1.02	0.098	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Cobalt, Total	5.04		mg/kg	2.03	0.168	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Copper, Total	57.8		mg/kg	1.02	0.262	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Iron, Total	38000		mg/kg	5.08	0.917	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Lead, Total	125		mg/kg	5.08	0.272	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Magnesium, Total	35800		mg/kg	10.2	1.56	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Manganese, Total	382		mg/kg	1.02	0.161	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Mercury, Total	4.34		mg/kg	0.179	0.117	2	08/03/23 00:25	08/13/23 19:44	EPA 7471B	1,7471B	TAA
Nickel, Total	17.5		mg/kg	2.54	0.246	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Potassium, Total	572		mg/kg	254	14.6	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Selenium, Total	2.10		mg/kg	2.03	0.262	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Silver, Total	0.363	J	mg/kg	0.508	0.287	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Sodium, Total	239		mg/kg	203	3.20	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Thallium, Total	1.41	J	mg/kg	2.03	0.320	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Vanadium, Total	13.2		mg/kg	1.02	0.206	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB
Zinc, Total	82.1		mg/kg	5.08	0.297	2	08/02/23 23:26	08/14/23 12:09	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-02 Date Collected: 07/25/23 10:30

Client ID: WAL-02-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5670		mg/kg	8.43	2.28	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.21	0.320	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Arsenic, Total	3.23		mg/kg	0.843	0.175	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Barium, Total	60.6		mg/kg	0.843	0.147	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.482		mg/kg	0.421	0.028	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.184	J	mg/kg	0.843	0.083	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Calcium, Total	70900		mg/kg	8.43	2.95	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Chromium, Total	9.07		mg/kg	0.843	0.081	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Cobalt, Total	2.97		mg/kg	1.68	0.140	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Copper, Total	25.0		mg/kg	0.843	0.217	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Iron, Total	13000		mg/kg	4.21	0.761	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Lead, Total	64.0		mg/kg	4.21	0.226	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Magnesium, Total	35200		mg/kg	8.43	1.30	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Manganese, Total	340		mg/kg	0.843	0.134	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Mercury, Total	4.26		mg/kg	0.145	0.094	2	08/03/23 00:25	08/13/23 20:04	EPA 7471B	1,7471B	TAA
Nickel, Total	8.88		mg/kg	2.11	0.204	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Potassium, Total	685		mg/kg	211	12.1	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Selenium, Total	1.72		mg/kg	1.68	0.217	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.421	0.238	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Sodium, Total	840		mg/kg	168	2.65	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Thallium, Total	0.508	J	mg/kg	1.68	0.265	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Vanadium, Total	10.3		mg/kg	0.843	0.171	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB
Zinc, Total	60.3		mg/kg	4.21	0.247	2	08/02/23 23:26	08/14/23 12:50	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-03 Date Collected: 07/25/23 10:35

Client ID: WAL-03-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10000		mg/kg	11.4	3.07	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	5.68	0.432	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Arsenic, Total	8.60		mg/kg	1.14	0.236	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Barium, Total	102		mg/kg	1.14	0.198	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.681		mg/kg	0.568	0.038	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.117	J	mg/kg	1.14	0.111	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Calcium, Total	24100		mg/kg	11.4	3.98	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Chromium, Total	21.1		mg/kg	1.14	0.109	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Cobalt, Total	6.88		mg/kg	2.27	0.189	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Copper, Total	39.2		mg/kg	1.14	0.293	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Iron, Total	47100		mg/kg	5.68	1.03	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Lead, Total	136		mg/kg	5.68	0.305	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Magnesium, Total	5540		mg/kg	11.4	1.75	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Manganese, Total	626		mg/kg	1.14	0.181	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Mercury, Total	8.08		mg/kg	0.967	0.631	10	08/03/23 00:25	08/13/23 20:07	EPA 7471B	1,7471B	TAA
Nickel, Total	24.3		mg/kg	2.84	0.275	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Potassium, Total	918		mg/kg	284	16.4	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Selenium, Total	2.15	J	mg/kg	2.27	0.293	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.568	0.322	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Sodium, Total	1200		mg/kg	227	3.58	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	2.27	0.358	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Vanadium, Total	21.0		mg/kg	1.14	0.231	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB
Zinc, Total	87.6		mg/kg	5.68	0.333	2	08/02/23 23:26	08/14/23 12:52	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-04 Date Collected: 07/25/23 10:40

Client ID: WAL-04-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3080		mg/kg	9.81	2.65	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.90	0.373	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Arsenic, Total	2.55		mg/kg	0.981	0.204	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Barium, Total	20.2		mg/kg	0.981	0.171	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.141	J	mg/kg	0.490	0.032	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.981	0.096	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Calcium, Total	2890		mg/kg	9.81	3.43	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Chromium, Total	6.68		mg/kg	0.981	0.094	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Cobalt, Total	4.04		mg/kg	1.96	0.163	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Copper, Total	9.08		mg/kg	0.981	0.253	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Iron, Total	24700		mg/kg	4.90	0.886	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Lead, Total	4.70	J	mg/kg	4.90	0.263	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Magnesium, Total	1490		mg/kg	9.81	1.51	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Manganese, Total	412		mg/kg	0.981	0.156	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Mercury, Total	0.207		mg/kg	0.085	0.055	1	08/03/23 00:25	08/13/23 17:45	EPA 7471B	1,7471B	TAA
Nickel, Total	7.02		mg/kg	2.45	0.237	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Potassium, Total	304		mg/kg	245	14.1	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.96	0.253	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.490	0.278	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Sodium, Total	1590		mg/kg	196	3.09	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.96	0.309	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Vanadium, Total	16.0		mg/kg	0.981	0.199	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB
Zinc, Total	22.0		mg/kg	4.90	0.287	2	08/02/23 23:26	08/14/23 12:55	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-05 Date Collected: 07/25/23 10:45

Client ID: WAL-05-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2910		mg/kg	10.4	2.79	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	5.18	0.393	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Arsenic, Total	4.08		mg/kg	1.04	0.215	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Barium, Total	40.3		mg/kg	1.04	0.180	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.284	J	mg/kg	0.518	0.034	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	1.04	0.101	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Calcium, Total	8630		mg/kg	10.4	3.62	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Chromium, Total	5.61		mg/kg	1.04	0.099	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Cobalt, Total	2.00	J	mg/kg	2.07	0.172	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Copper, Total	9.52		mg/kg	1.04	0.267	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Iron, Total	5960		mg/kg	5.18	0.935	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Lead, Total	15.1		mg/kg	5.18	0.277	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Magnesium, Total	1680		mg/kg	10.4	1.59	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Manganese, Total	121		mg/kg	1.04	0.164	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Mercury, Total	0.514		mg/kg	0.112	0.073	1	08/03/23 00:25	08/13/23 17:48	EPA 7471B	1,7471B	TAA
Nickel, Total	4.82		mg/kg	2.59	0.250	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Potassium, Total	409		mg/kg	259	14.9	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Selenium, Total	0.422	J	mg/kg	2.07	0.267	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.518	0.293	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Sodium, Total	3800		mg/kg	207	3.26	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Thallium, Total	0.432	J	mg/kg	2.07	0.326	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Vanadium, Total	6.31		mg/kg	1.04	0.210	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB
Zinc, Total	19.6		mg/kg	5.18	0.303	2	08/02/23 23:26	08/14/23 12:58	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-06 Date Collected: 07/25/23 10:50

Client ID: WAL-06-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17000		mg/kg	10.2	2.75	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	5.10	0.388	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Arsenic, Total	4.03		mg/kg	1.02	0.212	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Barium, Total	94.6		mg/kg	1.02	0.178	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.689		mg/kg	0.510	0.034	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	1.02	0.100	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Calcium, Total	7930		mg/kg	10.2	3.57	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Chromium, Total	17.7		mg/kg	1.02	0.098	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Cobalt, Total	10.2		mg/kg	2.04	0.169	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Copper, Total	22.0		mg/kg	1.02	0.263	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Iron, Total	22300		mg/kg	5.10	0.921	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Lead, Total	22.6		mg/kg	5.10	0.273	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Magnesium, Total	3340		mg/kg	10.2	1.57	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Manganese, Total	460		mg/kg	1.02	0.162	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.091	0.060	1	08/03/23 00:25	08/13/23 17:58	EPA 7471B	1,7471B	TAA
Nickel, Total	14.4		mg/kg	2.55	0.247	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Potassium, Total	1260		mg/kg	255	14.7	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	2.04	0.263	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.510	0.289	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Sodium, Total	375		mg/kg	204	3.21	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	2.04	0.321	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Vanadium, Total	26.1		mg/kg	1.02	0.207	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB
Zinc, Total	77.8		mg/kg	5.10	0.299	2	08/02/23 23:26	08/14/23 13:01	EPA 3050B	1,6010D	DMB

Project Name: RITC
Lab Number: L2342740
Project Number: SECONDARY CNTS.-WAL
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA
Date Collected: 07/25/23 10:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%
TCLP/SPLP Ext. Date: 07/28/23 05:37

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	08/01/23 22:05	08/12/23 13:34	EPA 3015	1,6010D	MRC
Barium, TCLP	0.610		mg/l	0.500	0.0210	1	08/01/23 22:05	08/12/23 13:34	EPA 3015	1,6010D	MRC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	08/01/23 22:05	08/12/23 13:34	EPA 3015	1,6010D	MRC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	08/01/23 22:05	08/12/23 13:34	EPA 3015	1,6010D	MRC
Lead, TCLP	0.0400	J	mg/l	0.500	0.0270	1	08/01/23 22:05	08/12/23 13:34	EPA 3015	1,6010D	MRC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/01/23 19:55	08/13/23 18:11	EPA 7470A	1,7470A	TAA
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	08/01/23 22:05	08/12/23 13:34	EPA 3015	1,6010D	MRC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	08/01/23 22:05	08/12/23 13:34	EPA 3015	1,6010D	MRC

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07 Date Collected: 07/25/23 10:55

Client ID: WAL-07-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4640		mg/kg	9.28	2.50	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.64	0.353	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Arsenic, Total	6.01		mg/kg	0.928	0.193	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Barium, Total	61.3		mg/kg	0.928	0.161	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.293	J	mg/kg	0.464	0.031	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.184	J	mg/kg	0.928	0.091	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Calcium, Total	10100		mg/kg	9.28	3.25	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Chromium, Total	13.8		mg/kg	0.928	0.089	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Cobalt, Total	3.20		mg/kg	1.86	0.154	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Copper, Total	29.5		mg/kg	0.928	0.239	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Iron, Total	40200		mg/kg	4.64	0.838	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Lead, Total	180		mg/kg	4.64	0.249	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Magnesium, Total	1320		mg/kg	9.28	1.43	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Manganese, Total	1080		mg/kg	0.928	0.148	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Mercury, Total	0.071	J	mg/kg	0.086	0.056	1	08/03/23 00:25	08/13/23 18:01	EPA 7471B	1,7471B	TAA
Nickel, Total	6.30		mg/kg	2.32	0.224	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Potassium, Total	566		mg/kg	232	13.4	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Selenium, Total	0.449	J	mg/kg	1.86	0.239	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.464	0.263	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Sodium, Total	244		mg/kg	186	2.92	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Thallium, Total	1.02	J	mg/kg	1.86	0.292	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Vanadium, Total	21.1		mg/kg	0.928	0.188	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB
Zinc, Total	33.1		mg/kg	4.64	0.272	2	08/02/23 23:26	08/14/23 13:03	EPA 3050B	1,6010D	DMB

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-08
Client ID: WAL-08-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA
Date Collected: 07/25/23 11:00
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13000		mg/kg	9.86	2.66	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.93	0.375	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Arsenic, Total	9.14		mg/kg	0.986	0.205	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Barium, Total	152		mg/kg	0.986	0.172	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.980		mg/kg	0.493	0.033	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.274	J	mg/kg	0.986	0.097	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Calcium, Total	28800		mg/kg	9.86	3.45	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Chromium, Total	20.0		mg/kg	0.986	0.095	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.73		mg/kg	1.97	0.164	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Copper, Total	46.5		mg/kg	0.986	0.254	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Iron, Total	28200		mg/kg	4.93	0.891	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Lead, Total	92.4		mg/kg	4.93	0.264	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Magnesium, Total	10500		mg/kg	9.86	1.52	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Manganese, Total	545		mg/kg	0.986	0.157	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Mercury, Total	2.65		mg/kg	0.095	0.062	1	08/03/23 00:25	08/13/23 18:05	EPA 7471B	1,7471B	TAA
Nickel, Total	22.4		mg/kg	2.47	0.239	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Potassium, Total	1240		mg/kg	247	14.2	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Selenium, Total	1.70	J	mg/kg	1.97	0.254	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.493	0.279	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Sodium, Total	4740		mg/kg	197	3.11	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Thallium, Total	0.640	J	mg/kg	1.97	0.311	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Vanadium, Total	23.6		mg/kg	0.986	0.200	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB
Zinc, Total	80.9		mg/kg	4.93	0.289	2	08/02/23 23:26	08/14/23 13:09	EPA 3050B	1,6010D	DMB

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-09
Client ID: WAL-09-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA
Date Collected: 07/25/23 11:05
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16900		mg/kg	11.1	2.99	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	5.54	0.421	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Arsenic, Total	2.87		mg/kg	1.11	0.231	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Barium, Total	115		mg/kg	1.11	0.193	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.947		mg/kg	0.554	0.037	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	1.11	0.109	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Calcium, Total	19700		mg/kg	11.1	3.88	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Chromium, Total	14.4		mg/kg	1.11	0.106	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Cobalt, Total	5.34		mg/kg	2.22	0.184	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Copper, Total	18.8		mg/kg	1.11	0.286	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Iron, Total	23700		mg/kg	5.54	1.00	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Lead, Total	50.4		mg/kg	5.54	0.297	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Magnesium, Total	6220		mg/kg	11.1	1.71	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Manganese, Total	416		mg/kg	1.11	0.176	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Mercury, Total	0.522		mg/kg	0.109	0.071	1	08/03/23 00:25	08/13/23 18:08	EPA 7471B	1,7471B	TAA
Nickel, Total	11.7		mg/kg	2.77	0.268	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Potassium, Total	1660		mg/kg	277	16.0	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Selenium, Total	0.398	J	mg/kg	2.22	0.286	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.554	0.314	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Sodium, Total	16100		mg/kg	222	3.49	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Thallium, Total	0.427	J	mg/kg	2.22	0.349	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Vanadium, Total	19.8		mg/kg	1.11	0.225	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB
Zinc, Total	60.4		mg/kg	5.54	0.325	2	08/02/23 23:26	08/14/23 13:12	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-10 Date Collected: 07/25/23 11:10

Client ID: WAL-10-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11800		mg/kg	10.2	2.77	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	5.12	0.390	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Arsenic, Total	8.30		mg/kg	1.02	0.213	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Barium, Total	123		mg/kg	1.02	0.178	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Beryllium, Total	1.02		mg/kg	0.512	0.034	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	1.02	0.100	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Calcium, Total	20800		mg/kg	10.2	3.59	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Chromium, Total	26.7		mg/kg	1.02	0.098	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Cobalt, Total	5.32		mg/kg	2.05	0.170	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Copper, Total	69.9		mg/kg	1.02	0.264	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Iron, Total	30100		mg/kg	5.12	0.926	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Lead, Total	125		mg/kg	5.12	0.275	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Magnesium, Total	5050		mg/kg	10.2	1.58	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Manganese, Total	1090		mg/kg	1.02	0.163	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Mercury, Total	1.11		mg/kg	0.102	0.067	1	08/03/23 00:25	08/13/23 18:11	EPA 7471B	1,7471B	TAA
Nickel, Total	15.5		mg/kg	2.56	0.248	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Potassium, Total	1840		mg/kg	256	14.8	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Selenium, Total	0.776	J	mg/kg	2.05	0.264	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Silver, Total	0.295	J	mg/kg	0.512	0.290	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Sodium, Total	9510		mg/kg	205	3.23	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Thallium, Total	0.673	J	mg/kg	2.05	0.323	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Vanadium, Total	37.0		mg/kg	1.02	0.208	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB
Zinc, Total	105		mg/kg	5.12	0.300	2	08/02/23 23:26	08/14/23 13:55	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-11 Date Collected: 07/25/23 11:15

Client ID: WAL-11-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12000		mg/kg	10.5	2.83	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	5.24	0.398	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Arsenic, Total	7.20		mg/kg	1.05	0.218	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Barium, Total	96.0		mg/kg	1.05	0.182	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.654		mg/kg	0.524	0.035	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	1.05	0.103	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Calcium, Total	19900		mg/kg	10.5	3.66	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Chromium, Total	26.0		mg/kg	1.05	0.100	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Cobalt, Total	7.99		mg/kg	2.09	0.174	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Copper, Total	97.1		mg/kg	1.05	0.270	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Iron, Total	29000		mg/kg	5.24	0.946	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Lead, Total	45.7		mg/kg	5.24	0.281	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Magnesium, Total	5560		mg/kg	10.5	1.61	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Manganese, Total	1160		mg/kg	1.05	0.166	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Mercury, Total	0.187		mg/kg	0.095	0.062	1	08/03/23 00:25	08/13/23 18:15	EPA 7471B	1,7471B	TAA
Nickel, Total	19.7		mg/kg	2.62	0.253	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Potassium, Total	941		mg/kg	262	15.1	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Selenium, Total	0.637	J	mg/kg	2.09	0.270	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.524	0.296	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Sodium, Total	2420		mg/kg	209	3.30	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	2.09	0.330	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Vanadium, Total	38.5		mg/kg	1.05	0.213	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB
Zinc, Total	68.2		mg/kg	5.24	0.307	2	08/02/23 23:26	08/14/23 13:18	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-12 Date Collected: 07/25/23 11:20

Client ID: WAL-12-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12000		mg/kg	10.5	2.84	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	5.26	0.399	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Arsenic, Total	5.44		mg/kg	1.05	0.219	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Barium, Total	128		mg/kg	1.05	0.183	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.858		mg/kg	0.526	0.035	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.172	J	mg/kg	1.05	0.103	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Calcium, Total	14100		mg/kg	10.5	3.68	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Chromium, Total	21.0		mg/kg	1.05	0.101	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Cobalt, Total	6.42		mg/kg	2.10	0.174	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Copper, Total	63.0		mg/kg	1.05	0.271	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Iron, Total	26000		mg/kg	5.26	0.949	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Lead, Total	201		mg/kg	5.26	0.282	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Magnesium, Total	4560		mg/kg	10.5	1.62	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Manganese, Total	441		mg/kg	1.05	0.167	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Mercury, Total	2.42		mg/kg	0.095	0.062	1	08/03/23 00:25	08/13/23 18:18	EPA 7471B	1,7471B	TAA
Nickel, Total	16.0		mg/kg	2.63	0.254	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Potassium, Total	1980		mg/kg	263	15.1	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Selenium, Total	1.10	J	mg/kg	2.10	0.271	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.526	0.297	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Sodium, Total	8370		mg/kg	210	3.31	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Thallium, Total	0.337	J	mg/kg	2.10	0.331	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Vanadium, Total	21.0		mg/kg	1.05	0.213	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB
Zinc, Total	75.1		mg/kg	5.26	0.308	2	08/02/23 23:26	08/14/23 13:30	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13 Date Collected: 07/25/23 11:25

Client ID: WAL-13-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth: TCLP/SPLP Ext. Date: 07/28/23 05:37

Matrix: Soil

Percent Solids: 78%

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	08/01/23 22:03	08/12/23 13:38	EPA 3015	1,6010D	MRC
Barium, TCLP	0.949		mg/l	0.500	0.0210	1	08/01/23 22:03	08/12/23 13:38	EPA 3015	1,6010D	MRC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	08/01/23 22:03	08/12/23 13:38	EPA 3015	1,6010D	MRC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	08/01/23 22:03	08/12/23 13:38	EPA 3015	1,6010D	MRC
Lead, TCLP	ND		mg/l	0.500	0.0270	1	08/01/23 22:03	08/12/23 13:38	EPA 3015	1,6010D	MRC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/01/23 19:55	08/13/23 18:26	EPA 7470A	1,7470A	TAA
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	08/01/23 22:03	08/12/23 13:38	EPA 3015	1,6010D	MRC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	08/01/23 22:03	08/12/23 13:38	EPA 3015	1,6010D	MRC

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13 Date Collected: 07/25/23 11:25

Client ID: WAL-13-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11400		mg/kg	9.88	2.67	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.94	0.376	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Arsenic, Total	4.06		mg/kg	0.988	0.206	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Barium, Total	124		mg/kg	0.988	0.172	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.605		mg/kg	0.494	0.033	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.988	0.097	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Calcium, Total	13700		mg/kg	9.88	3.46	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Chromium, Total	15.7		mg/kg	0.988	0.095	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Cobalt, Total	4.19		mg/kg	1.98	0.164	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Copper, Total	19.9		mg/kg	0.988	0.255	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Iron, Total	18100		mg/kg	4.94	0.892	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Lead, Total	42.8		mg/kg	4.94	0.265	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Magnesium, Total	3240		mg/kg	9.88	1.52	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Manganese, Total	226		mg/kg	0.988	0.157	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Mercury, Total	0.290		mg/kg	0.097	0.063	1	08/03/23 00:25	08/13/23 18:21	EPA 7471B	1,7471B	TAA
Nickel, Total	10.8		mg/kg	2.47	0.239	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Potassium, Total	1240		mg/kg	247	14.2	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Selenium, Total	0.946	J	mg/kg	1.98	0.255	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.494	0.280	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Sodium, Total	1010		mg/kg	198	3.11	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Thallium, Total	0.313	J	mg/kg	1.98	0.311	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Vanadium, Total	20.4		mg/kg	0.988	0.201	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB
Zinc, Total	45.9		mg/kg	4.94	0.290	2	08/02/23 23:26	08/14/23 13:33	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-14 Date Collected: 07/25/23 11:30

Client ID: WAL-14-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14000		mg/kg	9.76	2.63	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.88	0.371	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Arsenic, Total	6.28		mg/kg	0.976	0.203	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Barium, Total	139		mg/kg	0.976	0.170	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.790		mg/kg	0.488	0.032	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.976	0.096	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Calcium, Total	4500		mg/kg	9.76	3.41	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Chromium, Total	24.0		mg/kg	0.976	0.094	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.36		mg/kg	1.95	0.162	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Copper, Total	40.4		mg/kg	0.976	0.252	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Iron, Total	27700		mg/kg	4.88	0.881	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Lead, Total	57.7		mg/kg	4.88	0.261	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Magnesium, Total	4800		mg/kg	9.76	1.50	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Manganese, Total	261		mg/kg	0.976	0.155	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Mercury, Total	0.191		mg/kg	0.104	0.068	1	08/03/23 00:25	08/13/23 18:25	EPA 7471B	1,7471B	TAA
Nickel, Total	23.3		mg/kg	2.44	0.236	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Potassium, Total	1360		mg/kg	244	14.0	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Selenium, Total	0.406	J	mg/kg	1.95	0.252	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Silver, Total	0.315	J	mg/kg	0.488	0.276	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Sodium, Total	642		mg/kg	195	3.07	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Thallium, Total	0.520	J	mg/kg	1.95	0.307	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Vanadium, Total	24.9		mg/kg	0.976	0.198	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB
Zinc, Total	67.7		mg/kg	4.88	0.286	2	08/02/23 23:26	08/14/23 13:36	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-15 Date Collected: 07/25/23 11:35

Client ID: WAL-15-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16100		mg/kg	11.8	3.18	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	5.90	0.448	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Arsenic, Total	5.12		mg/kg	1.18	0.245	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Barium, Total	165		mg/kg	1.18	0.205	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Beryllium, Total	1.11		mg/kg	0.590	0.039	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	1.18	0.116	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Calcium, Total	34700		mg/kg	11.8	4.13	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Chromium, Total	19.6		mg/kg	1.18	0.113	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Cobalt, Total	4.60		mg/kg	2.36	0.196	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Copper, Total	25.6		mg/kg	1.18	0.304	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Iron, Total	33600		mg/kg	5.90	1.06	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Lead, Total	62.0		mg/kg	5.90	0.316	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Magnesium, Total	7520		mg/kg	11.8	1.82	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Manganese, Total	1020		mg/kg	1.18	0.188	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Mercury, Total	1.23		mg/kg	0.123	0.081	1	08/03/23 00:25	08/13/23 18:28	EPA 7471B	1,7471B	TAA
Nickel, Total	11.2		mg/kg	2.95	0.286	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Potassium, Total	1740		mg/kg	295	17.0	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Selenium, Total	0.812	J	mg/kg	2.36	0.304	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Silver, Total	0.396	J	mg/kg	0.590	0.334	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Sodium, Total	5180		mg/kg	236	3.72	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	2.36	0.372	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Vanadium, Total	16.7		mg/kg	1.18	0.240	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB
Zinc, Total	64.0		mg/kg	5.90	0.346	2	08/02/23 23:26	08/14/23 13:39	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16 Date Collected: 07/25/23 11:40

Client ID: WAL-16-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth: TCLP/SPLP Ext. Date: 07/28/23 05:37

Matrix: Soil

Percent Solids: 76%

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	08/01/23 22:03	08/12/23 13:43	EPA 3015	1,6010D	MRC
Barium, TCLP	1.13		mg/l	0.500	0.0210	1	08/01/23 22:03	08/12/23 13:43	EPA 3015	1,6010D	MRC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	08/01/23 22:03	08/12/23 13:43	EPA 3015	1,6010D	MRC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	08/01/23 22:03	08/12/23 13:43	EPA 3015	1,6010D	MRC
Lead, TCLP	ND		mg/l	0.500	0.0270	1	08/01/23 22:03	08/12/23 13:43	EPA 3015	1,6010D	MRC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/01/23 19:55	08/13/23 18:29	EPA 7470A	1,7470A	TAA
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	08/01/23 22:03	08/12/23 13:43	EPA 3015	1,6010D	MRC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	08/01/23 22:03	08/12/23 13:43	EPA 3015	1,6010D	MRC

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16 Date Collected: 07/25/23 11:40

Client ID: WAL-16-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	41800		mg/kg	10.1	2.74	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	5.07	0.385	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Arsenic, Total	4.56		mg/kg	1.01	0.211	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Barium, Total	116		mg/kg	1.01	0.176	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Beryllium, Total	4.12		mg/kg	0.507	0.033	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	1.01	0.099	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Calcium, Total	160000		mg/kg	101	35.5	20	08/02/23 23:26	08/14/23 16:52	EPA 3050B	1,6010D	DMB
Chromium, Total	7.61		mg/kg	1.01	0.097	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Cobalt, Total	2.54		mg/kg	2.03	0.168	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Copper, Total	7.46		mg/kg	1.01	0.261	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Iron, Total	20200		mg/kg	5.07	0.915	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Lead, Total	12.5		mg/kg	5.07	0.272	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Magnesium, Total	7080		mg/kg	10.1	1.56	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Manganese, Total	951		mg/kg	1.01	0.161	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Mercury, Total	1.81		mg/kg	0.107	0.070	1	08/03/23 00:25	08/13/23 18:38	EPA 7471B	1,7471B	TAA
Nickel, Total	5.12		mg/kg	2.53	0.245	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Potassium, Total	1880		mg/kg	253	14.6	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Selenium, Total	2.02	J	mg/kg	2.03	0.261	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.507	0.287	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Sodium, Total	5230		mg/kg	203	3.19	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	2.03	0.319	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Vanadium, Total	10.5		mg/kg	1.01	0.206	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB
Zinc, Total	45.3		mg/kg	5.07	0.297	2	08/02/23 23:26	08/14/23 13:42	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-17 Date Collected: 07/25/23 11:45

Client ID: WAL-17-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14100		mg/kg	10.2	2.74	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	5.08	0.386	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Arsenic, Total	4.00		mg/kg	1.02	0.211	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Barium, Total	105		mg/kg	1.02	0.177	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.850		mg/kg	0.508	0.034	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	1.02	0.100	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Calcium, Total	12500		mg/kg	10.2	3.56	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Chromium, Total	17.8		mg/kg	1.02	0.098	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Cobalt, Total	7.53		mg/kg	2.03	0.169	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Copper, Total	18.2		mg/kg	1.02	0.262	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Iron, Total	22400		mg/kg	5.08	0.917	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Lead, Total	21.3		mg/kg	5.08	0.272	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Magnesium, Total	5480		mg/kg	10.2	1.56	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Manganese, Total	355		mg/kg	1.02	0.162	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.097	0.064	1	08/03/23 00:25	08/13/23 18:41	EPA 7471B	1,7471B	TAA
Nickel, Total	19.0		mg/kg	2.54	0.246	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Potassium, Total	1020		mg/kg	254	14.6	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Selenium, Total	0.600	J	mg/kg	2.03	0.262	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.508	0.288	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Sodium, Total	213		mg/kg	203	3.20	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	2.03	0.320	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Vanadium, Total	23.6		mg/kg	1.02	0.206	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB
Zinc, Total	57.8		mg/kg	5.08	0.298	2	08/02/23 23:26	08/14/23 13:44	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-18 Date Collected: 07/25/23 11:50

Client ID: WAL-18-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	12800		mg/kg	9.95	2.69	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.98	0.378	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Arsenic, Total	7.88		mg/kg	0.995	0.207	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Barium, Total	97.8		mg/kg	0.995	0.173	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Beryllium, Total	1.06		mg/kg	0.498	0.033	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.995	0.098	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Calcium, Total	32600		mg/kg	9.95	3.48	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Chromium, Total	13.5		mg/kg	0.995	0.096	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Cobalt, Total	6.97		mg/kg	1.99	0.165	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Copper, Total	17.7		mg/kg	0.995	0.257	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Iron, Total	19200		mg/kg	4.98	0.899	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Lead, Total	26.4		mg/kg	4.98	0.267	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Magnesium, Total	7220		mg/kg	9.95	1.53	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Manganese, Total	705		mg/kg	0.995	0.158	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Mercury, Total	0.081	J	mg/kg	0.096	0.063	1	08/03/23 00:25	08/13/23 18:44	EPA 7471B	1,7471B	TAA
Nickel, Total	15.5		mg/kg	2.49	0.241	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Potassium, Total	1140		mg/kg	249	14.3	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Selenium, Total	0.733	J	mg/kg	1.99	0.257	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.498	0.282	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Sodium, Total	810		mg/kg	199	3.13	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.99	0.313	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Vanadium, Total	17.6		mg/kg	0.995	0.202	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB
Zinc, Total	47.2		mg/kg	4.98	0.292	2	08/02/23 23:26	08/14/23 13:47	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-19 Date Collected: 07/25/23 11:55

Client ID: WAL-19-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	11300		mg/kg	10.4	2.80	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	5.18	0.394	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Arsenic, Total	6.47		mg/kg	1.04	0.216	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Barium, Total	94.9		mg/kg	1.04	0.180	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.487	J	mg/kg	0.518	0.034	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.526	J	mg/kg	1.04	0.102	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Calcium, Total	16900		mg/kg	10.4	3.63	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Chromium, Total	21.1		mg/kg	1.04	0.100	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.93		mg/kg	2.07	0.172	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Copper, Total	30.9		mg/kg	1.04	0.267	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Iron, Total	29800		mg/kg	5.18	0.936	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Lead, Total	56.5		mg/kg	5.18	0.278	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Magnesium, Total	5440		mg/kg	10.4	1.60	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Manganese, Total	541		mg/kg	1.04	0.165	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Mercury, Total	0.883		mg/kg	0.098	0.064	1	08/03/23 00:25	08/13/23 18:48	EPA 7471B	1,7471B	TAA
Nickel, Total	21.1		mg/kg	2.59	0.251	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Potassium, Total	818		mg/kg	259	14.9	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Selenium, Total	0.756	J	mg/kg	2.07	0.267	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.518	0.293	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Sodium, Total	860		mg/kg	207	3.26	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	2.07	0.326	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Vanadium, Total	20.1		mg/kg	1.04	0.210	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB
Zinc, Total	296		mg/kg	5.18	0.304	2	08/02/23 23:26	08/14/23 13:50	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-20 Date Collected: 07/25/23 12:00

Client ID: WAL-20-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7580		mg/kg	10.1	2.72	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	5.04	0.383	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Arsenic, Total	7.70		mg/kg	1.01	0.210	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Barium, Total	105		mg/kg	1.01	0.175	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.649		mg/kg	0.504	0.033	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.282	J	mg/kg	1.01	0.099	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Calcium, Total	69200		mg/kg	10.1	3.53	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Chromium, Total	23.1		mg/kg	1.01	0.097	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Cobalt, Total	3.38		mg/kg	2.02	0.167	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Copper, Total	60.5		mg/kg	1.01	0.260	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Iron, Total	30300		mg/kg	5.04	0.910	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Lead, Total	130		mg/kg	5.04	0.270	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Magnesium, Total	27100		mg/kg	10.1	1.55	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Manganese, Total	552		mg/kg	1.01	0.160	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Mercury, Total	4.84		mg/kg	0.178	0.116	2	08/03/23 00:25	08/13/23 20:10	EPA 7471B	1,7471B	TAA
Nickel, Total	12.9		mg/kg	2.52	0.244	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Potassium, Total	971		mg/kg	252	14.5	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Selenium, Total	1.01	J	mg/kg	2.02	0.260	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Silver, Total	0.311	J	mg/kg	0.504	0.285	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Sodium, Total	1310		mg/kg	202	3.18	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	2.02	0.318	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Vanadium, Total	11.7		mg/kg	1.01	0.205	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB
Zinc, Total	83.1		mg/kg	5.04	0.295	2	08/02/23 23:26	08/14/23 13:53	EPA 3050B	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-21 Date Collected: 07/25/23 12:05

Client ID: WAL-21-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9680		mg/kg	8.50	2.30	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Antimony, Total	1.04	J	mg/kg	4.25	0.323	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Arsenic, Total	5.86		mg/kg	0.850	0.177	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Barium, Total	94.8		mg/kg	0.850	0.148	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Beryllium, Total	1.08		mg/kg	0.425	0.028	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.306	J	mg/kg	0.850	0.083	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Calcium, Total	54600		mg/kg	8.50	2.98	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Chromium, Total	11.7		mg/kg	0.850	0.082	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Cobalt, Total	3.16		mg/kg	1.70	0.141	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Copper, Total	20.8		mg/kg	0.850	0.219	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Iron, Total	18800		mg/kg	4.25	0.768	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Lead, Total	43.7		mg/kg	4.25	0.228	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Magnesium, Total	10800		mg/kg	8.50	1.31	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Manganese, Total	1210		mg/kg	0.850	0.135	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Mercury, Total	2.13		mg/kg	0.085	0.056	1	08/02/23 12:14	08/11/23 23:09	EPA 7471B	1,7471B	TAA
Nickel, Total	7.56		mg/kg	2.12	0.206	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Potassium, Total	937		mg/kg	212	12.2	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Selenium, Total	1.01	J	mg/kg	1.70	0.219	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.425	0.240	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Sodium, Total	476		mg/kg	170	2.68	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.70	0.268	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Vanadium, Total	10.5		mg/kg	0.850	0.172	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW
Zinc, Total	41.1		mg/kg	4.25	0.249	2	08/02/23 11:38	08/11/23 17:38	EPA 3050B	1,6010D	AMW

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22 Date Collected: 07/25/23 12:10

Client ID: WAL-22-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA Field Prep: Not Specified

Sample Depth: TCLP/SPLP Ext. Date: 07/28/23 05:37

Matrix: Soil

Percent Solids: 76%

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	08/01/23 22:03	08/12/23 13:47	EPA 3015	1,6010D	MRC
Barium, TCLP	0.526		mg/l	0.500	0.0210	1	08/01/23 22:03	08/12/23 13:47	EPA 3015	1,6010D	MRC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	08/01/23 22:03	08/12/23 13:47	EPA 3015	1,6010D	MRC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	08/01/23 22:03	08/12/23 13:47	EPA 3015	1,6010D	MRC
Lead, TCLP	ND		mg/l	0.500	0.0270	1	08/01/23 22:03	08/12/23 13:47	EPA 3015	1,6010D	MRC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/01/23 19:55	08/13/23 18:32	EPA 7470A	1,7470A	TAA
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	08/01/23 22:03	08/12/23 13:47	EPA 3015	1,6010D	MRC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	08/01/23 22:03	08/12/23 13:47	EPA 3015	1,6010D	MRC

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22 Date Collected: 07/25/23 12:10

Client ID: WAL-22-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	6510		mg/kg	10.0	2.70	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Antimony, Total	0.788	J	mg/kg	5.01	0.381	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Arsenic, Total	10.1		mg/kg	1.00	0.208	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Barium, Total	73.2		mg/kg	1.00	0.174	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.631		mg/kg	0.501	0.033	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.390	J	mg/kg	1.00	0.098	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Calcium, Total	19900		mg/kg	10.0	3.51	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Chromium, Total	11.0		mg/kg	1.00	0.096	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Cobalt, Total	5.42		mg/kg	2.00	0.166	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Copper, Total	23.9		mg/kg	1.00	0.258	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Iron, Total	18300		mg/kg	5.01	0.905	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Lead, Total	56.6		mg/kg	5.01	0.268	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Magnesium, Total	3780		mg/kg	10.0	1.54	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Manganese, Total	293		mg/kg	1.00	0.159	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Mercury, Total	0.738		mg/kg	0.097	0.063	1	08/02/23 12:14	08/11/23 23:12	EPA 7471B	1,7471B	TAA
Nickel, Total	10.6		mg/kg	2.50	0.242	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Potassium, Total	1240		mg/kg	250	14.4	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Selenium, Total	2.88		mg/kg	2.00	0.258	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.501	0.284	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Sodium, Total	1960		mg/kg	200	3.16	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	2.00	0.316	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Vanadium, Total	14.0		mg/kg	1.00	0.203	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW
Zinc, Total	66.9		mg/kg	5.01	0.294	2	08/02/23 11:38	08/11/23 17:43	EPA 3050B	1,6010D	AMW

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-23 Date Collected: 07/25/23 12:15

Client ID: WAL-23-07252023 Date Received: 07/25/23

Sample Location: 3875 RIVER ROAD, TONAWANDA 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	3710		mg/kg	9.89	2.67	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Antimony, Total	4.02	J	mg/kg	4.94	0.376	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Arsenic, Total	8.44		mg/kg	0.989	0.206	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Barium, Total	66.2		mg/kg	0.989	0.172	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.581		mg/kg	0.494	0.033	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.765	J	mg/kg	0.989	0.097	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Calcium, Total	26500		mg/kg	9.89	3.46	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Chromium, Total	13.0		mg/kg	0.989	0.095	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Cobalt, Total	7.53		mg/kg	1.98	0.164	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Copper, Total	45.2		mg/kg	0.989	0.255	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Iron, Total	61400		mg/kg	4.94	0.893	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Lead, Total	34.0		mg/kg	4.94	0.265	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Magnesium, Total	6740		mg/kg	9.89	1.52	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Manganese, Total	626		mg/kg	0.989	0.157	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Mercury, Total	0.222		mg/kg	0.097	0.063	1	08/02/23 12:14	08/11/23 23:15	EPA 7471B	1,7471B	TAA
Nickel, Total	18.6		mg/kg	2.47	0.239	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Potassium, Total	365		mg/kg	247	14.2	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Selenium, Total	0.309	J	mg/kg	1.98	0.255	2	08/02/23 11:38	08/12/23 12:22	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.494	0.280	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Sodium, Total	357		mg/kg	198	3.12	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Thallium, Total	0.964	J	mg/kg	1.98	0.312	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Vanadium, Total	6.56		mg/kg	0.989	0.201	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW
Zinc, Total	53.0		mg/kg	4.94	0.290	2	08/02/23 11:38	08/11/23 17:47	EPA 3050B	1,6010D	AMW

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

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): 07,13,16,22 Batch: WG1809856-1										
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	08/01/23 22:05	08/02/23 23:00	1,6010D	CEY
Barium, TCLP	ND		mg/l	0.500	0.0210	1	08/01/23 22:05	08/02/23 23:00	1,6010D	CEY
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	08/01/23 22:05	08/02/23 23:00	1,6010D	CEY
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	08/01/23 22:05	08/02/23 23:00	1,6010D	CEY
Lead, TCLP	ND		mg/l	0.500	0.0270	1	08/01/23 22:05	08/02/23 23:00	1,6010D	CEY
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	08/01/23 22:05	08/02/23 23:00	1,6010D	CEY
Silver, TCLP	ND		mg/l	0.100	0.0280	1	08/01/23 22:05	08/02/23 23:00	1,6010D	CEY

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 07/27/23 04:44

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): 07,13,16,22 Batch: WG1809857-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	08/01/23 19:55	08/02/23 22:28	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 07/27/23 04:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG1809947-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Antimony, Total	ND		mg/kg	2.00	0.152	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Barium, Total	ND		mg/kg	0.400	0.070	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Calcium, Total	ND		mg/kg	4.00	1.40	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Copper, Total	ND	mg/kg	0.400	0.103	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Iron, Total	ND	mg/kg	2.00	0.361	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Lead, Total	ND	mg/kg	2.00	0.107	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Magnesium, Total	ND	mg/kg	4.00	0.616	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Manganese, Total	ND	mg/kg	0.400	0.064	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Nickel, Total	ND	mg/kg	1.00	0.097	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Potassium, Total	ND	mg/kg	100	5.76	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Selenium, Total	ND	mg/kg	0.800	0.103	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Silver, Total	ND	mg/kg	0.200	0.113	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Sodium, Total	ND	mg/kg	80.0	1.26	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Thallium, Total	ND	mg/kg	0.800	0.126	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Vanadium, Total	ND	mg/kg	0.400	0.081	1	08/02/23 23:26	08/14/23 11:55	1,6010D	DMB
Zinc, Total	ND	mg/kg	2.00	0.117	1	08/02/23 23:26	08/14/23 11:55	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): 01-20 Batch: WG1809948-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/03/23 00:25	08/13/23 17:16	1,7471B	TAA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-23 Batch: WG1809971-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Antimony, Total	ND		mg/kg	2.00	0.152	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Barium, Total	ND		mg/kg	0.400	0.070	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WA **Report Date:** 08/15/23

Method Blank Analysis
Batch Quality Control

Calcium, Total	ND		mg/kg	4.00	1.40	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Copper, Total	ND		mg/kg	0.400	0.103	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Iron, Total	ND		mg/kg	2.00	0.361	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Lead, Total	ND		mg/kg	2.00	0.107	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Manganese, Total	ND		mg/kg	0.400	0.064	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Nickel, Total	ND		mg/kg	1.00	0.097	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Potassium, Total	55.3	J	mg/kg	100	5.76	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Selenium, Total	0.128	J	mg/kg	0.800	0.103	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Silver, Total	ND		mg/kg	0.200	0.113	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Sodium, Total	25.6	J	mg/kg	80.0	1.26	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Thallium, Total	ND		mg/kg	0.800	0.126	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC
Zinc, Total	ND		mg/kg	2.00	0.117	1	08/02/23 11:38	08/03/23 22:21	1,6010D	MRC

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): 21-23 Batch: WG1809972-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	08/02/23 12:14	08/04/23 10:02	1,7471B	DMB

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC

Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740

Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 07,13,16,22 Batch: WG1809856-2								
Arsenic, TCLP	106		-		75-125	-		20
Barium, TCLP	103		-		75-125	-		20
Cadmium, TCLP	105		-		75-125	-		20
Chromium, TCLP	102		-		75-125	-		20
Lead, TCLP	99		-		75-125	-		20
Selenium, TCLP	108		-		75-125	-		20
Silver, TCLP	102		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 07,13,16,22 Batch: WG1809857-2								
Mercury, TCLP	84		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1809947-2 SRM Lot Number: D119-540					
Aluminum, Total	82	-	48-152	-	
Antimony, Total	94	-	10-190	-	
Arsenic, Total	104	-	83-117	-	
Barium, Total	99	-	82-118	-	
Beryllium, Total	104	-	83-117	-	
Cadmium, Total	94	-	82-117	-	
Calcium, Total	97	-	81-118	-	
Chromium, Total	100	-	82-119	-	
Cobalt, Total	98	-	83-117	-	
Copper, Total	96	-	84-116	-	
Iron, Total	107	-	60-140	-	
Lead, Total	103	-	82-118	-	
Magnesium, Total	92	-	76-124	-	
Manganese, Total	99	-	82-118	-	
Nickel, Total	98	-	82-117	-	
Potassium, Total	91	-	70-130	-	
Selenium, Total	107	-	79-121	-	
Silver, Total	96	-	80-120	-	
Sodium, Total	100	-	74-126	-	
Thallium, Total	104	-	81-119	-	
Vanadium, Total	96	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC

Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740

Report Date: 08/15/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1809947-2 SRM Lot Number: D119-540					
Zinc, Total	99	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1809948-2 SRM Lot Number: D119-540					
Mercury, Total	94	-	73-127	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC

Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740

Report Date: 08/15/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-23 Batch: WG1809971-2 SRM Lot Number: D119-540					
Aluminum, Total	75	-	48-152	-	
Antimony, Total	149	-	10-190	-	
Arsenic, Total	98	-	83-117	-	
Barium, Total	95	-	82-118	-	
Beryllium, Total	99	-	83-117	-	
Cadmium, Total	88	-	82-117	-	
Calcium, Total	93	-	81-118	-	
Chromium, Total	99	-	82-119	-	
Cobalt, Total	91	-	83-117	-	
Copper, Total	107	-	84-116	-	
Iron, Total	101	-	60-140	-	
Lead, Total	99	-	82-118	-	
Magnesium, Total	93	-	76-124	-	
Manganese, Total	100	-	82-118	-	
Nickel, Total	90	-	82-117	-	
Potassium, Total	97	-	70-130	-	
Selenium, Total	98	-	79-121	-	
Silver, Total	104	-	80-120	-	
Sodium, Total	99	-	74-126	-	
Thallium, Total	101	-	81-119	-	
Vanadium, Total	100	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC

Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740

Report Date: 08/15/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-23 Batch: WG1809971-2 SRM Lot Number: D119-540					
Zinc, Total	94	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 21-23 Batch: WG1809972-2 SRM Lot Number: D119-540					
Mercury, Total	87	-	73-127	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 07,13,16,22 QC Batch ID: WG1809856-3 QC Sample: L2342679-01 Client ID: MS Sample												
Arsenic, TCLP	ND	1.2	1.28	107		-	-		75-125	-		20
Barium, TCLP	0.304J	20	20.7	104		-	-		75-125	-		20
Cadmium, TCLP	ND	0.53	0.554	104		-	-		75-125	-		20
Chromium, TCLP	ND	2	2.04	102		-	-		75-125	-		20
Lead, TCLP	ND	5.3	5.22	98		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.31	109		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.510	102		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 07,13,16,22 QC Batch ID: WG1809857-3 QC Sample: L2342679-01 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0223	89		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

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): 01-20 QC Batch ID: WG1809947-3 QC Sample: L2342740-01 Client ID: WAL-01-07252023										
Aluminum, Total	5140	201	6120	**487**	Q	-	-	75-125	-	20
Antimony, Total	ND	50.3	38.2	76		-	-	75-125	-	20
Arsenic, Total	8.35	12.1	20.7	102		-	-	75-125	-	20
Barium, Total	62.5	201	266	101		-	-	75-125	-	20
Beryllium, Total	0.726	5.03	5.71	99		-	-	75-125	-	20
Cadmium, Total	0.584J	5.34	5.00	94		-	-	75-125	-	20
Calcium, Total	71300	1010	98200	**2670**	Q	-	-	75-125	-	20
Chromium, Total	27.0	20.1	35.2	**41**	Q	-	-	75-125	-	20
Cobalt, Total	5.04	50.3	48.1	86		-	-	75-125	-	20
Copper, Total	57.8	25.2	73.5	**62**	Q	-	-	75-125	-	20
Iron, Total	38000	101	25200	**0**	Q	-	-	75-125	-	20
Lead, Total	125	53.4	168	80		-	-	75-125	-	20
Magnesium, Total	35800	1010	54500	**1860**	Q	-	-	75-125	-	20
Manganese, Total	382	50.3	413	**62**	Q	-	-	75-125	-	20
Nickel, Total	17.5	50.3	56.9	78		-	-	75-125	-	20
Potassium, Total	572	1010	1940	**136**	Q	-	-	75-125	-	20
Selenium, Total	2.10	12.1	16.1	116		-	-	75-125	-	20
Silver, Total	0.363J	5.03	4.96	98		-	-	75-125	-	20
Sodium, Total	239	1010	1400	115		-	-	75-125	-	20
Thallium, Total	1.41J	12.1	12.2	101		-	-	75-125	-	20
Vanadium, Total	13.2	50.3	62.0	97		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

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): 01-20 QC Batch ID: WG1809947-3 QC Sample: L2342740-01 Client ID: WAL-01-07252023										
Zinc, Total	82.1	50.3	118	**71**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1809948-3 QC Sample: L2342740-01 Client ID: WAL-01-07252023										
Mercury, Total	4.34	1.79	6.02	94		-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

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): 21-23 QC Batch ID: WG1809971-3 QC Sample: L2342537-01 Client ID: MS Sample										
Aluminum, Total	9700	171	11400	**993**	Q	-	-	75-125	-	20
Antimony, Total	1.43J	42.8	38.0	89		-	-	75-125	-	20
Arsenic, Total	3.07	10.3	13.1	98		-	-	75-125	-	20
Barium, Total	55.8	171	219	95		-	-	75-125	-	20
Beryllium, Total	ND	4.28	4.00	93		-	-	75-125	-	20
Cadmium, Total	0.331J	4.54	4.59	101		-	-	75-125	-	20
Calcium, Total	5820	856	6630	95		-	-	75-125	-	20
Chromium, Total	21.2	17.1	39.3	106		-	-	75-125	-	20
Cobalt, Total	4.23	42.8	42.3	89		-	-	75-125	-	20
Copper, Total	65.2	21.4	88.1	107		-	-	75-125	-	20
Iron, Total	15500	85.6	18900	**3970**	Q	-	-	75-125	-	20
Lead, Total	38.4	45.4	79.0	89		-	-	75-125	-	20
Magnesium, Total	3180	856	4330	**134**	Q	-	-	75-125	-	20
Manganese, Total	209	42.8	263	**126**	Q	-	-	75-125	-	20
Nickel, Total	19.6	42.8	57.1	88		-	-	75-125	-	20
Potassium, Total	886	856	1840	111		-	-	75-125	-	20
Selenium, Total	ND	10.3	9.08	88		-	-	75-125	-	20
Silver, Total	ND	4.28	4.20	98		-	-	75-125	-	20
Sodium, Total	925	856	1800	102		-	-	75-125	-	20
Thallium, Total	0.960J	10.3	10.3	100		-	-	75-125	-	20
Vanadium, Total	22.4	42.8	65.2	100		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

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): 21-23 QC Batch ID: WG1809971-3 QC Sample: L2342537-01 Client ID: MS Sample									
Zinc, Total	63.0	42.8	106	100	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 21-23 QC Batch ID: WG1809972-3 QC Sample: L2342537-01 Client ID: MS Sample									
Mercury, Total	ND	1.45	1.50	103	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 07,13,16,22 QC Batch ID: WG1809856-4 QC Sample: L2342679-01 Client ID: DUP Sample						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.304J	0.302J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	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): 07,13,16,22 QC Batch ID: WG1809857-4 QC Sample: L2342679-01 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1809947-4 QC Sample: L2342740-01 Client ID: WAL-01-07252023						
Aluminum, Total	5140	3760	mg/kg	**31**	Q	20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	8.35	4.65	mg/kg	**57**	Q	20
Barium, Total	62.5	55.4	mg/kg	12		20
Beryllium, Total	0.726	0.515	mg/kg	**34**	Q	20
Cadmium, Total	0.584J	0.378J	mg/kg	NC		20
Chromium, Total	27.0	11.8	mg/kg	**78**	Q	20
Cobalt, Total	5.04	2.90	mg/kg	**54**	Q	20
Copper, Total	57.8	35.9	mg/kg	**47**	Q	20
Iron, Total	38000	15900	mg/kg	**82**	Q	20
Lead, Total	125	98.7	mg/kg	**24**	Q	20
Magnesium, Total	35800	44400	mg/kg	**21**	Q	20
Manganese, Total	382	268	mg/kg	**35**	Q	20
Nickel, Total	17.5	10.2	mg/kg	**53**	Q	20
Potassium, Total	572	493	mg/kg	15		20
Selenium, Total	2.10	2.04	mg/kg	3		20
Silver, Total	0.363J	ND	mg/kg	NC		20
Sodium, Total	239	257	mg/kg	7		20
Thallium, Total	1.41J	0.933J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1809947-4 QC Sample: L2342740-01 Client ID: WAL-01-07252023						
Vanadium, Total	13.2	10.2	mg/kg	**26**	Q	20
Zinc, Total	82.1	61.6	mg/kg	**29**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1809947-4 QC Sample: L2342740-01 Client ID: WAL-01-07252023						
Calcium, Total	71300	141000	mg/kg	**66**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1809948-4 QC Sample: L2342740-01 Client ID: WAL-01-07252023						
Mercury, Total	4.34	4.85	mg/kg	11		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-23 QC Batch ID: WG1809971-4 QC Sample: L2342537-01 Client ID: DUP Sample						
Aluminum, Total	9700	9720	mg/kg	0		20
Antimony, Total	1.43J	1.26J	mg/kg	NC		20
Arsenic, Total	3.07	3.49	mg/kg	13		20
Barium, Total	55.8	52.2	mg/kg	7		20
Beryllium, Total	ND	ND	mg/kg	NC		20
Cadmium, Total	0.331J	0.311J	mg/kg	NC		20
Calcium, Total	5820	17000	mg/kg	**98**	Q	20
Chromium, Total	21.2	20.3	mg/kg	4		20
Cobalt, Total	4.23	4.06	mg/kg	4		20
Copper, Total	65.2	65.8	mg/kg	1		20
Iron, Total	15500	13500	mg/kg	14		20
Lead, Total	38.4	94.6	mg/kg	**85**	Q	20
Magnesium, Total	3180	6380	mg/kg	**67**	Q	20
Manganese, Total	209	196	mg/kg	6		20
Nickel, Total	19.6	18.4	mg/kg	6		20
Potassium, Total	886	950	mg/kg	7		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	925	924	mg/kg	0		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-23 QC Batch ID: WG1809971-4 QC Sample: L2342537-01 Client ID: DUP Sample					
Thallium, Total	0.960J	1.08J	mg/kg	NC	20
Vanadium, Total	22.4	21.9	mg/kg	2	20
Zinc, Total	63.0	65.1	mg/kg	3	20
Total Metals - Mansfield Lab Associated sample(s): 21-23 QC Batch ID: WG1809972-4 QC Sample: L2342537-01 Client ID: DUP Sample					
Mercury, Total	ND	0.060J	mg/kg	NC	20

Project Name: RITC
Project Number: SECONDARY CNTS

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2342740
Report Date: 08/15/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-23 QC Batch ID: WG1809971-6 QC Sample: L2342537-01 Client ID: DUP Sample						
Aluminum, Total	9700	10600	mg/kg	9		20
Barium, Total	55.8	62.6	mg/kg	12		20
Calcium, Total	5820	6410	mg/kg	10		20
Copper, Total	65.2	69.4	mg/kg	6		20
Iron, Total	15500	17900	mg/kg	15		20
Magnesium, Total	3180	3530	mg/kg	11		20
Manganese, Total	209	237	mg/kg	13		20
Vanadium, Total	22.4	24.6	mg/kg	10		20

INORGANICS
&
MISCELLANEOUS

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

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

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	08/05/23 09:20	1,1030	MMJ

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13
Client ID: WAL-13-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:25
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

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

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	08/05/23 09:20	1,1030	MMJ

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16
Client ID: WAL-16-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:40
Date Received: 07/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

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

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	08/05/23 09:20	1,1030	MMJ

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL
Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22
Client ID: WAL-22-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA
Sample Depth:
Matrix: Soil

Date Collected: 07/25/23 12:10
Date Received: 07/25/23
Field Prep: Not Specified

Test Material Information

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

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	08/05/23 09:20	1,1030	MMJ

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-01
Client ID: WAL-01-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:25
Date Received: 07/25/23
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	76.0		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	4.2		mg/kg	1.2	0.26	1	08/03/23 21:25	08/04/23 14:04	1,9010C/9012B	JER
Nitrogen, Ammonia	13		mg/kg	8.2	3.0	1	08/07/23 15:10	08/07/23 18:13	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-02
Client ID: WAL-02-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:30
Date Received: 07/25/23
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	91.7		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	1.2		mg/kg	1.0	0.22	1	08/03/23 21:25	08/04/23 14:05	1,9010C/9012B	JER
Nitrogen, Ammonia	58		mg/kg	6.3	2.4	1	08/07/23 15:10	08/07/23 18:14	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-03
Client ID: WAL-03-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:35
Date Received: 07/25/23
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	69.1		%	0.100	NA	1	-	07/28/23 09:05	121,2540G	ROI
Cyanide, Total	15		mg/kg	1.4	0.30	1	08/04/23 03:15	08/04/23 15:06	1,9010C/9012B	JER
Nitrogen, Ammonia	440		mg/kg	9.6	3.6	1	08/07/23 15:10	08/07/23 18:15	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-04
Client ID: WAL-04-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:40
Date Received: 07/25/23
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	79.1		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	1.5		mg/kg	1.2	0.25	1	08/04/23 03:15	08/04/23 15:07	1,9010C/9012B	JER
Nitrogen, Ammonia	58		mg/kg	6.5	2.4	1	08/07/23 15:10	08/07/23 18:16	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-05
Client ID: WAL-05-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:45
Date Received: 07/25/23
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	73.8		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	18		mg/kg	1.3	0.27	1	08/04/23 03:15	08/04/23 15:20	1,9010C/9012B	JER
Nitrogen, Ammonia	69		mg/kg	8.7	3.2	1	08/07/23 15:10	08/07/23 18:17	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-06
Client ID: WAL-06-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:50
Date Received: 07/25/23
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	78.1		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	08/04/23 03:15	08/04/23 15:23	1,9010C/9012B	JER
Nitrogen, Ammonia	250		mg/kg	8.6	3.2	1	08/07/23 15:10	08/07/23 18:20	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-07
Client ID: WAL-07-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 10:55
Date Received: 07/25/23
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	82.7		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	0.31	J	mg/kg	1.2	0.25	1	08/04/23 03:15	08/04/23 15:38	1,9010C/9012B	JER
pH (H)	8.01		SU	-	NA	1	-	08/08/23 15:07	1,9045D	AAS
Nitrogen, Ammonia	180		mg/kg	8.1	3.0	1	08/07/23 15:10	08/07/23 18:21	121,4500NH3-BH	AVT
Cyanide, Reactive	ND		mg/kg	10	10.	1	08/08/23 11:00	08/08/23 13:12	125,7.3	MMJ
Sulfide, Reactive	ND		mg/kg	10	10.	1	08/08/23 11:00	08/08/23 12:48	125,7.3	MMJ

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-08
Client ID: WAL-08-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:00
Date Received: 07/25/23
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	78.7		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	3.4		mg/kg	1.2	0.25	1	08/04/23 03:15	08/04/23 15:39	1,9010C/9012B	JER
Nitrogen, Ammonia	39		mg/kg	8.1	3.0	1	08/07/23 15:10	08/07/23 18:22	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-09
Client ID: WAL-09-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:05
Date Received: 07/25/23
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	69.2		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	2.2		mg/kg	1.4	0.29	1	08/04/23 03:15	08/04/23 15:40	1,9010C/9012B	JER
Nitrogen, Ammonia	38		mg/kg	9.5	3.5	1	08/07/23 15:10	08/07/23 18:23	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-10
Client ID: WAL-10-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:10
Date Received: 07/25/23
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	77.6		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	3.7		mg/kg	1.3	0.27	1	08/04/23 03:15	08/04/23 15:41	1,9010C/9012B	JER
Nitrogen, Ammonia	120		mg/kg	7.5	2.8	1	08/07/23 15:10	08/07/23 18:24	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-11
Client ID: WAL-11-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:15
Date Received: 07/25/23
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	73.5		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	0.84	J	mg/kg	1.3	0.27	1	08/04/23 03:15	08/04/23 15:42	1,9010C/9012B	JER
Nitrogen, Ammonia	550		mg/kg	9.3	3.4	1	08/07/23 15:10	08/07/23 18:27	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-12
Client ID: WAL-12-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:20
Date Received: 07/25/23
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	73.4		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	2.4		mg/kg	1.4	0.29	1	08/04/23 03:15	08/04/23 15:43	1,9010C/9012B	JER
Nitrogen, Ammonia	76		mg/kg	9.1	3.4	1	08/07/23 15:10	08/07/23 18:28	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-13
Client ID: WAL-13-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:25
Date Received: 07/25/23
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	78.2		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	3.7		mg/kg	1.2	0.25	1	08/04/23 03:15	08/04/23 15:44	1,9010C/9012B	JER
pH (H)	8.18		SU	-	NA	1	-	08/08/23 15:07	1,9045D	AAS
Nitrogen, Ammonia	220		mg/kg	7.5	2.8	1	08/07/23 15:10	08/07/23 18:29	121,4500NH3-BH	AVT
Cyanide, Reactive	ND		mg/kg	10	10.	1	08/04/23 23:55	08/05/23 02:12	125,7.3	QJM
Sulfide, Reactive	ND		mg/kg	10	10.	1	08/04/23 23:55	08/05/23 02:32	125,7.3	QJM

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-14
Client ID: WAL-14-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:30
Date Received: 07/25/23
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	78.6		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	3.4		mg/kg	1.2	0.26	1	08/04/23 03:15	08/04/23 15:52	1,9010C/9012B	JER
Nitrogen, Ammonia	300		mg/kg	6.8	2.5	1	08/07/23 15:10	08/07/23 18:33	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-15
Client ID: WAL-15-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:35
Date Received: 07/25/23
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	64.7		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	0.91	J	mg/kg	1.5	0.32	1	08/04/23 03:15	08/04/23 15:55	1,9010C/9012B	JER
Nitrogen, Ammonia	510		mg/kg	10	3.9	1	08/07/23 15:10	08/07/23 18:34	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-16
Client ID: WAL-16-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:40
Date Received: 07/25/23
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	75.9		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	12		mg/kg	1.2	0.26	1	08/04/23 03:15	08/04/23 15:56	1,9010C/9012B	JER
pH (H)	9.55		SU	-	NA	1	-	08/08/23 15:07	1,9045D	AAS
Nitrogen, Ammonia	430		mg/kg	6.8	2.5	1	08/07/23 15:10	08/07/23 18:35	121,4500NH3-BH	AVT
Cyanide, Reactive	ND		mg/kg	10	10.	1	08/04/23 23:55	08/05/23 02:12	125,7.3	QJM
Sulfide, Reactive	120		mg/kg	10	10.	1	08/04/23 23:55	08/05/23 02:32	125,7.3	QJM

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-17
Client ID: WAL-17-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:45
Date Received: 07/25/23
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	78.3		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	08/04/23 03:15	08/04/23 15:57	1,9010C/9012B	JER
Nitrogen, Ammonia	83		mg/kg	8.5	3.1	1	08/07/23 15:10	08/07/23 18:35	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-18
Client ID: WAL-18-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:50
Date Received: 07/25/23
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	80.0		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	4.2		mg/kg	1.2	0.26	1	08/04/23 03:15	08/04/23 15:58	1,9010C/9012B	JER
Nitrogen, Ammonia	74		mg/kg	6.4	2.4	1	08/07/23 15:10	08/07/23 18:36	121,4500NH3-BH	AVT

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-19
Client ID: WAL-19-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 11:55
Date Received: 07/25/23
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	75.2		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	1.6		mg/kg	1.3	0.27	1	08/04/23 03:15	08/04/23 15:59	1,9010C/9012B	JER
Nitrogen, Ammonia	150		mg/kg	9.8	3.6	1	08/06/23 18:42	08/07/23 11:20	121,4500NH3-BH	KEP

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-20
Client ID: WAL-20-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:00
Date Received: 07/25/23
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	79.1		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	2.8		mg/kg	1.2	0.26	1	08/04/23 03:15	08/04/23 16:02	1,9010C/9012B	JER
Nitrogen, Ammonia	82		mg/kg	9.2	3.4	1	08/06/23 18:42	08/07/23 11:21	121,4500NH3-BH	KEP

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-21
Client ID: WAL-21-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:05
Date Received: 07/25/23
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	89.8		%	0.100	NA	1	-	07/27/23 14:11	121,2540G	ROI
Cyanide, Total	3.4		mg/kg	1.0	0.22	1	08/04/23 03:15	08/04/23 16:03	1,9010C/9012B	JER
Nitrogen, Ammonia	88		mg/kg	8.2	3.0	1	08/06/23 18:42	08/07/23 11:22	121,4500NH3-BH	KEP

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-22
Client ID: WAL-22-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:10
Date Received: 07/25/23
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	-	07/27/23 11:37	121,2540G	ROI
Cyanide, Total	0.66	J	mg/kg	1.3	0.27	1	08/04/23 03:15	08/04/23 16:04	1,9010C/9012B	JER
pH (H)	8.67		SU	-	NA	1	-	08/08/23 15:07	1,9045D	AAS
Nitrogen, Ammonia	38		mg/kg	9.4	3.5	1	08/06/23 18:42	08/07/23 11:23	121,4500NH3-BH	KEP
Cyanide, Reactive	ND		mg/kg	10	10.	1	08/04/23 23:55	08/05/23 02:12	125,7.3	QJM
Sulfide, Reactive	10		mg/kg	10	10.	1	08/04/23 23:55	08/05/23 02:33	125,7.3	QJM

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

SAMPLE RESULTS

Lab ID: L2342740-23
Client ID: WAL-23-07252023
Sample Location: 3875 RIVER ROAD, TONAWANDA

Date Collected: 07/25/23 12:15
Date Received: 07/25/23
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	-	07/27/23 11:37	121,2540G	ROI
Cyanide, Total	4.3		mg/kg	1.3	0.27	1	08/04/23 03:15	08/04/23 16:06	1,9010C/9012B	JER
Nitrogen, Ammonia	31		mg/kg	9.0	3.3	1	08/06/23 18:42	08/07/23 11:24	121,4500NH3-BH	KEP

Project Name: RITC **Lab Number:** L2342740

Project Number: SECONDARY CNTS.-WAL **Report Date:** 08/15/23

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): 01-02 Batch: WG1811571-1										
Cyanide, Total	ND		mg/kg	0.86	0.18	1	08/03/23 21:25	08/04/23 13:44	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 05-13 Batch: WG1811671-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	08/04/23 03:15	08/04/23 15:02	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 14-22 Batch: WG1811672-1										
Cyanide, Total	ND		mg/kg	0.88	0.19	1	08/04/23 03:15	08/04/23 15:46	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 23 Batch: WG1811673-1										
Cyanide, Total	ND		mg/kg	0.88	0.19	1	08/04/23 03:15	08/04/23 15:46	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 03-04 Batch: WG1811701-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	08/04/23 03:15	08/04/23 15:02	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 13,16,22 Batch: WG1812131-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	08/04/23 23:55	08/05/23 02:28	125,7.3	QJM
General Chemistry - Westborough Lab for sample(s): 13,16,22 Batch: WG1812132-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	08/04/23 23:55	08/05/23 02:08	125,7.3	QJM
General Chemistry - Westborough Lab for sample(s): 19-23 Batch: WG1812432-1										
Nitrogen, Ammonia	ND		mg/kg	7.5	0.02	1	08/06/23 18:42	08/07/23 11:04	121,4500NH3-BH	KEP
General Chemistry - Westborough Lab for sample(s): 01-18 Batch: WG1812638-1										
Nitrogen, Ammonia	3.0	J	mg/kg	7.5	0.02	1	08/07/23 15:10	08/07/23 18:08	121,4500NH3-BH	AVT
General Chemistry - Westborough Lab for sample(s): 07 Batch: WG1813106-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	08/08/23 11:00	08/08/23 12:48	125,7.3	MMJ
General Chemistry - Westborough Lab for sample(s): 07 Batch: WG1813125-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	08/08/23 11:00	08/08/23 13:12	125,7.3	MMJ

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1811571-2 WG1811571-3								
Cyanide, Total	89		**75**	Q	80-120	17		35
General Chemistry - Westborough Lab Associated sample(s): 05-13 Batch: WG1811671-2 WG1811671-3								
Cyanide, Total	**78**	Q	81		80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 14-22 Batch: WG1811672-2 WG1811672-3								
Cyanide, Total	**78**	Q	**71**	Q	80-120	11		35
General Chemistry - Westborough Lab Associated sample(s): 23 Batch: WG1811673-2 WG1811673-3								
Cyanide, Total	**78**	Q	**71**	Q	80-120	11		35
General Chemistry - Westborough Lab Associated sample(s): 03-04 Batch: WG1811701-2 WG1811701-3								
Cyanide, Total	**78**	Q	81		80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 13,16,22 Batch: WG1812131-2								
Sulfide, Reactive	67		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 13,16,22 Batch: WG1812132-2								
Cyanide, Reactive	76		-		30-125	-		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: RITC

Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740

Report Date: 08/15/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 19-23 Batch: WG1812432-2					
Nitrogen, Ammonia	89	-	83-115	-	20
General Chemistry - Westborough Lab Associated sample(s): 01-18 Batch: WG1812638-2					
Nitrogen, Ammonia	85	-	83-115	-	20
General Chemistry - Westborough Lab Associated sample(s): 07 Batch: WG1813106-2					
Sulfide, Reactive	90	-	60-125	-	40
General Chemistry - Westborough Lab Associated sample(s): 07 Batch: WG1813125-2					
Cyanide, Reactive	78	-	30-125	-	40
General Chemistry - Westborough Lab Associated sample(s): 07,13,16,22 Batch: WG1813377-1					
pH	99	-	99-101	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

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): 01-02 QC Batch ID: WG1811571-4 WG1811571-5 QC Sample: L2342847-07 Client ID: MS Sample												
Cyanide, Total	0.26J	10	13	120		13	120		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 05-13 QC Batch ID: WG1811671-4 WG1811671-5 QC Sample: L2342740-05 Client ID: WAL-05-07252023												
Cyanide, Total	18	13	20	**16**	Q	26	**60**	Q	75-125	**115**	Q	35
General Chemistry - Westborough Lab Associated sample(s): 14-22 QC Batch ID: WG1811672-4 WG1811672-5 QC Sample: L2342740-14 Client ID: WAL-14-07252023												
Cyanide, Total	3.4	12	15	94		14	89		75-125	7		35
General Chemistry - Westborough Lab Associated sample(s): 23 QC Batch ID: WG1811673-4 WG1811673-5 QC Sample: L2342740-23 Client ID: WAL-23-07252023												
Cyanide, Total	4.3	12	14	82		14	78		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 03-04 QC Batch ID: WG1811701-4 WG1811701-5 QC Sample: L2344313-04 Client ID: MS Sample												
Cyanide, Total	ND	11	10	93		10	90		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 19-23 QC Batch ID: WG1812432-4 QC Sample: L2342504-01 Client ID: MS Sample												
Nitrogen, Ammonia	10000	550	7700	**0**	Q	-	-		55-144	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-18 QC Batch ID: WG1812638-4 QC Sample: L2342740-10 Client ID: WAL-10-07252023												
Nitrogen, Ammonia	120	370	430	83		-	-		55-144	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-21 QC Batch ID: WG1808476-1 QC Sample: L2342740-01 Client ID: WAL-01-07252023						
Solids, Total	76.0	77.6	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 22-23 QC Batch ID: WG1808506-1 QC Sample: L2343098-04 Client ID: DUP Sample						
Solids, Total	86.3	85.7	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1808885-1 QC Sample: L2342907-01 Client ID: DUP Sample						
Solids, Total	99.9	99.4	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 13,16,22 QC Batch ID: WG1812131-3 QC Sample: L2342519-10 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 13,16,22 QC Batch ID: WG1812132-3 QC Sample: L2342519-10 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 19-23 QC Batch ID: WG1812432-3 QC Sample: L2342504-01 Client ID: DUP Sample						
Nitrogen, Ammonia	10000	9100	mg/kg	9		20
General Chemistry - Westborough Lab Associated sample(s): 01-18 QC Batch ID: WG1812638-3 QC Sample: L2342740-10 Client ID: WAL-10-07252023						
Nitrogen, Ammonia	120	110	mg/kg	9		20
General Chemistry - Westborough Lab Associated sample(s): 07 QC Batch ID: WG1813106-3 QC Sample: L2344313-07 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40

Lab Duplicate Analysis

Batch Quality Control

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 07 QC Batch ID: WG1813125-3 QC Sample: L2344313-07 Client ID: DUP Sample					
Cyanide, Reactive	ND	ND	mg/kg	NC	40
General Chemistry - Westborough Lab Associated sample(s): 07,13,16,22 QC Batch ID: WG1813377-2 QC Sample: L2342673-05 Client ID: DUP Sample					
pH	7.90	7.82	SU	1	5

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2342740-01A	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2342740-01B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2342740-01C	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NH3-4500(28)
L2342740-02A	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		-
L2342740-02B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-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),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2342740-02C	Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		-
L2342740-02D	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7),NYTCL-8082(365),NH3-4500(28)
L2342740-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2342740-03B	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7),NH3-4500(28)
L2342740-04A	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2342740-04B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2342740-04C	Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365),NH3-4500(28)
L2342740-04D	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365),NH3-4500(28)
L2342740-05A	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2342740-05B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2342740-05C	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NH3-4500(28)
L2342740-06A	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2342740-06B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2342740-06C	Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365),NH3-4500(28)
L2342740-06D	Vial Large Septa unpreserved (4oz)	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2342740-06E	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365),NH3-4500(28)
L2342740-06X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2342740-06Y	Vial Water preserved split	B	NA		3.4	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-06Z	Vial Water preserved split	B	NA		3.4	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-07A	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2342740-07B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2342740-07C	Vial Large Septa unpreserved (4oz)	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2342740-07D	Vial Large Septa unpreserved (4oz)	B	NA		3.4	Y	Absent		TCLP-EXT-ZHE(14)
L2342740-07E	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		REACTS(14),IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),PH-9045(1),REACTCN(14),NH3-4500(28)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2342740-07F	Glass 500ml/16oz unpreserved	B	NA		3.4	Y	Absent		REACTS(14),IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),PH-9045(1),REACTCN(14),NH3-4500(28)
L2342740-07T	Vial unpreserved Extracts	B	NA		3.4	Y	Absent		TCLP-VOA(14)
L2342740-07U	Vial unpreserved Extracts	B	NA		3.4	Y	Absent		TCLP-VOA(14)
L2342740-07V	Amber 1000ml unpreserved Extracts	B	NA		3.4	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L2342740-07W	Plastic 120ml HNO3 preserved Extracts	B	NA		3.4	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)
L2342740-07W9	Tumble Vessel	B	NA		3.4	Y	Absent		-
L2342740-07X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2342740-07Y	Vial Water preserved split	B	NA		3.4	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-07Z	Vial Water preserved split	B	NA		3.4	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-08A	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2342740-08B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2342740-08C	Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2342740-08D	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2342740-09A	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2342740-09B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2342740-09C	Vial Large Septa unpreserved (4oz)	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2342740-09D	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NH3-4500(28)
L2342740-09X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2342740-09Y	Vial Water preserved split	B	NA		3.4	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-09Z	Vial Water preserved split	B	NA		3.4	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-10A	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2342740-10B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2342740-10C	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2342740-10D	Vial Large Septa unpreserved (4oz)	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2342740-10E	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2342740-10X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2342740-10Y	Vial Water preserved split	B	NA		3.4	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-10Z	Vial Water preserved split	B	NA		3.4	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-11A	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2342740-11B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2342740-11C	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NH3-4500(28)
L2342740-12A	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2342740-12B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2342740-12C	Vial Large Septa unpreserved (4oz)	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2342740-12D	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NH3-4500(28)
L2342740-12X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2342740-12Y	Vial Water preserved split	B	NA		3.4	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-12Z	Vial Water preserved split	B	NA		3.4	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-13A	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2342740-13B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2342740-13D	Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),REACTS(14),IGNIT-1030(14),PH-9045(1),NYTCL-8082(365),REACTCN(14),NH3-4500(28)
L2342740-13E	Vial Large Septa unpreserved (4oz)	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2342740-13F	Vial Large Septa unpreserved (4oz)	B	NA		3.4	Y	Absent		TCLP-EXT-ZHE(14)
L2342740-13G	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),REACTS(14),IGNIT-1030(14),PH-9045(1),NYTCL-8082(365),REACTCN(14),NH3-4500(28)
L2342740-13H	Glass 500ml/16oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),REACTS(14),IGNIT-1030(14),PH-9045(1),NYTCL-8082(365),REACTCN(14),NH3-4500(28)
L2342740-13T	Vial unpreserved Extracts	B	NA		3.4	Y	Absent		TCLP-VOA(14)
L2342740-13U	Vial unpreserved Extracts	B	NA		3.4	Y	Absent		TCLP-VOA(14)
L2342740-13V	Amber 1000ml unpreserved Extracts	B	NA		3.4	Y	Absent		TCLP-8270(14),PEST-TCLP*(14),HERB-TCLP*(14)
L2342740-13W	Plastic 120ml HNO3 preserved Extracts	B	NA		3.4	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2342740-13W9	Tumble Vessel	B	NA		3.4	Y	Absent		-
L2342740-13X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2342740-13Y	Vial Water preserved split	B	NA		3.4	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-13Z	Vial Water preserved split	B	NA		3.4	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-14A	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2342740-14B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	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),ZN-TI(180),CU-TI(180),PB-TI(180),SB-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),CD-TI(180),K-TI(180),NA-TI(180)
L2342740-14C	Vial Large Septa unpreserved (4oz)	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2342740-14D	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NH3-4500(28)

*Values in parentheses indicate holding time in days

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2342740-14X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2342740-14Y	Vial Water preserved split	B	NA		3.4	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-14Z	Vial Water preserved split	B	NA		3.4	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-15A	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2342740-15B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2342740-15C	Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365),NH3-4500(28)
L2342740-15D	Glass 250ml/8oz unpreserved	B	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365),NH3-4500(28)
L2342740-16A	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2342740-16B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2342740-16D	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		IGNIT-1030(14),REACTS(14),TCN-9010(14),NYTCL-8270(14),PH-9045(1),NYTCL-8082(365),REACTCN(14),NH3-4500(28)
L2342740-16E	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2342740-16F	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		TCLP-EXT-ZHE(14)
L2342740-16G	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		IGNIT-1030(14),REACTS(14),TCN-9010(14),NYTCL-8270(14),PH-9045(1),NYTCL-8082(365),REACTCN(14),NH3-4500(28)
L2342740-16H	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		IGNIT-1030(14),REACTS(14),TCN-9010(14),NYTCL-8270(14),PH-9045(1),NYTCL-8082(365),REACTCN(14),NH3-4500(28)
L2342740-16T	Vial unpreserved Extracts	A	NA		4.3	Y	Absent		TCLP-VOA(14)
L2342740-16U	Vial unpreserved Extracts	A	NA		4.3	Y	Absent		TCLP-VOA(14)
L2342740-16V	Amber 1000ml unpreserved Extracts	A	NA		4.3	Y	Absent		TCLP-8270(14),PEST-TCLP*(14),HERB-TCLP*(14)
L2342740-16W	Plastic 120ml HNO3 preserved Extracts	A	NA		4.3	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2342740-16W9	Tumble Vessel	A	NA		4.3	Y	Absent		-

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2342740-16X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2342740-16Y	Vial Water preserved split	A	NA		4.3	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-16Z	Vial Water preserved split	A	NA		4.3	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-17A	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2342740-17B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2342740-17C	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2342740-17D	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NH3-4500(28)
L2342740-17X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2342740-17Y	Vial Water preserved split	A	NA		4.3	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-17Z	Vial Water preserved split	A	NA		4.3	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-18A	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2342740-18B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2342740-18C	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2342740-18D	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2342740-19A	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2342740-19B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SB-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),CA-TI(180),CD-TI(180),K-TI(180)
L2342740-19C	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2342740-19D	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2342740-19E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2342740-19X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2342740-19Y	Vial Water preserved split	A	NA		4.3	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-19Z	Vial Water preserved split	A	NA		4.3	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-20A	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2342740-20B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2342740-20C	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NH3-4500(28)
L2342740-21A	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2342740-21B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	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),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2342740-21C	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NH3-4500(28)
L2342740-22A	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2342740-22B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	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),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2342740-22D	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		REACTS(14),IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),PH-9045(1),NYTCL-8082(365),REACTCN(14),NH3-4500(28)
L2342740-22E	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2342740-22F	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		TCLP-EXT-ZHE(14)
L2342740-22G	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		REACTS(14),IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),PH-9045(1),NYTCL-8082(365),REACTCN(14),NH3-4500(28)
L2342740-22H	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		REACTS(14),IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),PH-9045(1),NYTCL-8082(365),REACTCN(14),NH3-4500(28)
L2342740-22T	Vial unpreserved Extracts	A	NA		4.3	Y	Absent		TCLP-VOA(14)
L2342740-22U	Vial unpreserved Extracts	A	NA		4.3	Y	Absent		TCLP-VOA(14)
L2342740-22V	Amber 1000ml unpreserved Extracts	A	NA		4.3	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)

*Values in parentheses indicate holding time in days

Project Name: RITC
Project Number: SECONDARY CNTS.-WAL

Lab Number: L2342740
Report Date: 08/15/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2342740-22W	Plastic 120ml HNO3 preserved Extracts	A	NA		4.3	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2342740-22W9	Tumble Vessel	A	NA		4.3	Y	Absent		-
L2342740-22X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2342740-22Y	Vial Water preserved split	A	NA		4.3	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-22Z	Vial Water preserved split	A	NA		4.3	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-23A	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2342740-23B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2342740-23C	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2342740-23D	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2342740-23E	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),NH3-4500(28)
L2342740-23X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2342740-23Y	Vial Water preserved split	A	NA		4.3	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)
L2342740-23Z	Vial Water preserved split	A	NA		4.3	Y	Absent	**01-AUG-23 13:05**	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	RITC	**Lab Number:**	L2342740
Project Number:	SECONDARY CNTS.-WAL	**Report Date:**	08/15/23

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	**Lab Number:**	L2342740
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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	**Lab Number:**	L2342740
Project Number:	SECONDARY CNTS.-WAL	**Report Date:**	08/15/23

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.

125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

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.

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
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 3

Date Rec'd in Lab: 7/26/23

ALPHA Job #: L2342740

Client Information
Client: INVENTUM ENGINEERING
Address: 441 CARLISLE DR. STE C
HERNDON VA 20170
Phone: 585-734-5255
Fax: roxanne.birx@inventumeng.com
Email: john.black@ " "

Project Information
Project Name: BITC
Project Location: 3875 RIVER ROAD, TONAWANDA
Project # SECONDARY CONTAINMENTS - WAL
(Use Project name as Project #) ☐
Project Manager: JOHN BLACK (CANDACE FOX)
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
FULL TCLP - VOCs, SVOCs, METALS + Hg, PEST, HERB
HAZCAT - REACTIVITY, CORROSIVITY, IGNITABILITY

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260	TCL SVOCs 8270	T. CN 9012 B	PCBs 8082 A	TAL METALS 6010 C	TOTAL Hg 7471	AMMONIA 350.1	TCLP + HAZ CAT	Total Bottle
42740 -01	WAL-01-07252023	7/25/23	10:25	SOIL	RB		x	x		x	x	x		
-02	WAL-02-		10:30				x	x	x	x	x	x		
-03	WAL-03-		10:35				x	x		x	x	x		
-04	WAL-04-		10:40				x	x	x	x	x	x		
-05	WAL-05-		10:45				x	x		x	x	x		
-06	WAL-06-		10:50			x	x	x	x	x	x	x		
-07	WAL-07-		10:55			x	x	x		x	x	x	x	
-08	WAL-08-		11:00				x	x	x	x	x	x		
-09	WAL-09-		11:05			x	x	x		x	x	x		
-10	WAL-10-		11:10			x	x	x	x	x	x	x		

Sample Filtration
☐ Done ☐ Lab to do
Preservation ☐ Lab to do
(Please Specify below)

Sample Specific Comments

Container Type	V	A	A	A	A	A	A	A		
Preservative	A	A	A	A	A	A	A	A		

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; 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

Relinquished By:	Date/Time	Received By:	Date/Time
	7/25/23 13:55	Joaquim Foy (AAL)	7/25/23 13:55
Joaquim Foy (AAL)	7/25/23 13:55		7/26/23 0100

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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 2 of 3

Date Rec'd in Lab: 7/26/23

ALPHA Job #: L2342740

Client Information

Client: INVENTUM ENGINEERING
Address: 441 CARLISLE DR. STE C
HERNDON VA 20170
Phone: 585-734-5255
Fax: roxanne.birx@inventumeng.com
Email: john.black@" "

Project Information

Project Name: RITC
Project Location: 3875 RIVER RD, TONAWANDA
Project #: SECONDARY CONTAINMENTS - WAL
(Use Project name as Project #) ☐
Project Manager: JOHN BLACK - CANDACE FOX
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

FULL TCLP - VOCs, SVOCs, METALS + Hg, PEST, HERB
HAZCAT - REACTIVITY, CORROSIVITY, IGNITABILITY

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260	TCL SVOCs 8270	T.CN 9012B	PCBs 8082A	TAL Metals 6010C	Total Hg 7471	Ammonia 350.1	TCLP + HAZ CAT	Total Bottle
42740 - 11	WAL-11-07252023	7/25/23	11:15	SOIL	BB		X	X		X	X	X		
-12	WAL-12-		11:20			X	X	X		X	X	X		
-13	WAL-13-		11:25			X	X	X	X	X	X	X	X	
-14	WAL-14-		11:30			X	X	X		X	X	X		
-15	WAL-15-		11:35				X	X	X	X	X	X		
-16	WAL-16-		11:40			X	X	X	X	X	X	X	X	
-17	WAL-17-		11:45			X	X	X		X	X	X		
-18	WAL-18-		11:50				X	X	X	X	X	X		
-19	WAL-19-		11:55			X	X	X	X	X	X	X		
-20	WAL-20-	↓	12:00	↓	↓		X	X		X	X	X		

Container Type: V A A A A A A P
Preservative: A A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
	7/25/23 13:55	Joaquim Foley (AAL)	7/25/23 13:55
Joaquim Foley (AAL)	7/25/23 13:55		7/26/23 0700

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

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Page 3 of 3

Date Rec'd in Lab: 7/26/23

ALPHA Job #: L2342740

Client Information

Client: INVENTUM ENGINEERING
Address: 441 CARLISLE DR ST C HERNDON VA 20170
Phone: 585-734-5255
Fax: ROXANNE.BIRX@INVENTUMENG.COM
Email: JOHN.BLACK@" "

Project Information

Project Name: BITC
Project Location: 3875 RIVER ROAD, TONAWANDA
Project #: SECONDARY CONTAINMENTS - WAL
(Use Project name as Project #) ☐
Project Manager: JOHN BLACK (CANDACE FOX)
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

FULL TCLP - VOCs, SVOCs, METALS, Hg, PEST, HERB
HAZCAT - CORROSIVITY, REACTIVITY, IGNITABILITY

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260D	TCL SVOCs 8270D	T. CN 9012-B	PCBs 8082A	TAL METALS	TOTAL Hg 7471	AMMONIA 350.1	TCLP + HAZCAT	Sample Specific Comments	Total Bottle
42340-21	WAL-21-07252023	7/25/23	12:05	SOIL	RB		X	X		X	X	X			
22	WAL-22-07252023	7/25/23	12:10	SOIL	RB	X	X	X	X	X	X	X	X		
23	WAL-23-07252023	7/25/23	12:15	SOIL	RB	X	X	X	X	X	X	X			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	V	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
	7/25/23 18:55	Joseph Tooey (AAL)	7/25/23 13:55
Joseph Tooey (AAL)	7/25/23 13:55		7/26/23 DIG

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Form No: 01-25 HC (rev. 30-Sept-2013)

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	**Lab Number:**	L2346127
Project Number:	CONCRETE SAMPLING	**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	**Lab Number:**	L2346127
Project Number:	CONCRETE SAMPLING	**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	**Lab Number:**	L2346127
Project Number:	CONCRETE SAMPLING	**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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **Report Date:** 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-01 Date Collected: 08/08/23 15:30

Client ID: WAL CONCRETE-08082023 Date Received: 08/09/23

Sample Location: 3875 RIVER ROAD 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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **Report Date:** 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-01 Date Collected: 08/08/23 15:30

Client ID: WAL CONCRETE-08082023 Date Received: 08/09/23

Sample Location: 3875 RIVER ROAD Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **Report Date:** 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02 Date Collected: 08/08/23 15:30

Client ID: LOCKERROOM-CONCRETE-08082023 Date Received: 08/09/23

Sample Location: 3875 RIVER ROAD 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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **Report Date:** 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02 Date Collected: 08/08/23 15:30

Client ID: LOCKERROOM-CONCRETE-08082023 Date Received: 08/09/23

Sample Location: 3875 RIVER ROAD Field Prep: Not Specified

Sample Depth:

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

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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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
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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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

Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1818275-3 WG1818275-4

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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 %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								
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 %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
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 %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								
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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1814936-2 WG1814936-3

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1814936-2 WG1814936-3

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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	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								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance 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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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
Lab Number: L2346127
Project Number: CONCRETE SAMPLING
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: EJL
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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **Report Date:** 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-01 Date Collected: 08/08/23 15:30

Client ID: WAL CONCRETE-08082023 Date Received: 08/09/23

Sample Location: 3875 RIVER ROAD 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
Lab Number: L2346127
Project Number: CONCRETE SAMPLING
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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **Report Date:** 08/29/23

SAMPLE RESULTS

Lab ID: L2346127-02 Date Collected: 08/08/23 15:30

Client ID: LOCKERROOM-CONCRETE-08082023 Date Received: 08/09/23

Sample Location: 3875 RIVER ROAD 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: 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						
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	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1814951-2 WG1814951-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
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
Lab Number: L2346127
Project Number: CONCRETE SAMPLING
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
Lab Number: L2346127
Project Number: CONCRETE SAMPLING
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 **Lab Number:** L2346127

Project Number: CONCRETE SAMPLING **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 %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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
Project Number: CONCRETE SAMPLING

Lab Number: L2346127
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)

*Values in parentheses indicate holding time in days

Project Name:	RITC	**Lab Number:**	L2346127
Project Number:	CONCRETE SAMPLING	**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	**Lab Number:**	L2346127
Project Number:	CONCRETE SAMPLING	**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	**Lab Number:**	L2346127
Project Number:	CONCRETE SAMPLING	**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	**Lab Number:**	L2346127
Project Number:	CONCRETE SAMPLING	**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

ALPHA ANALYTICAL

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8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Client Information

Client: ENVIRUM ENG
Address: 441 Carlisle Drive
suite C. HERNDON VA
Phone: 716-553-5727
Fax:
Email: Peter.Zaffarano@Envirumeng.com

Project Information

Project Name: RDTC
Project Location: 3875 River Road
Project # Concrete Samples
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	SM 2540	EPA 8260D	8270 E	6010D TAL	8081B	8082A	Total Cyanide	Total Bottle	Sample Specific Comments
46127-01	WALconcrete-08082023	8/8/23	15:30	soil	BB	X	X	X	X	X	X			
02	lockerroom-concrete-08082023	8/9/23	09:00	soil	BB	X	X	X	X	X	X	X		

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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
	8/9/23 - 16:00		8/9/23 1600
	8/9/23 - 1600		8/10/23 0130

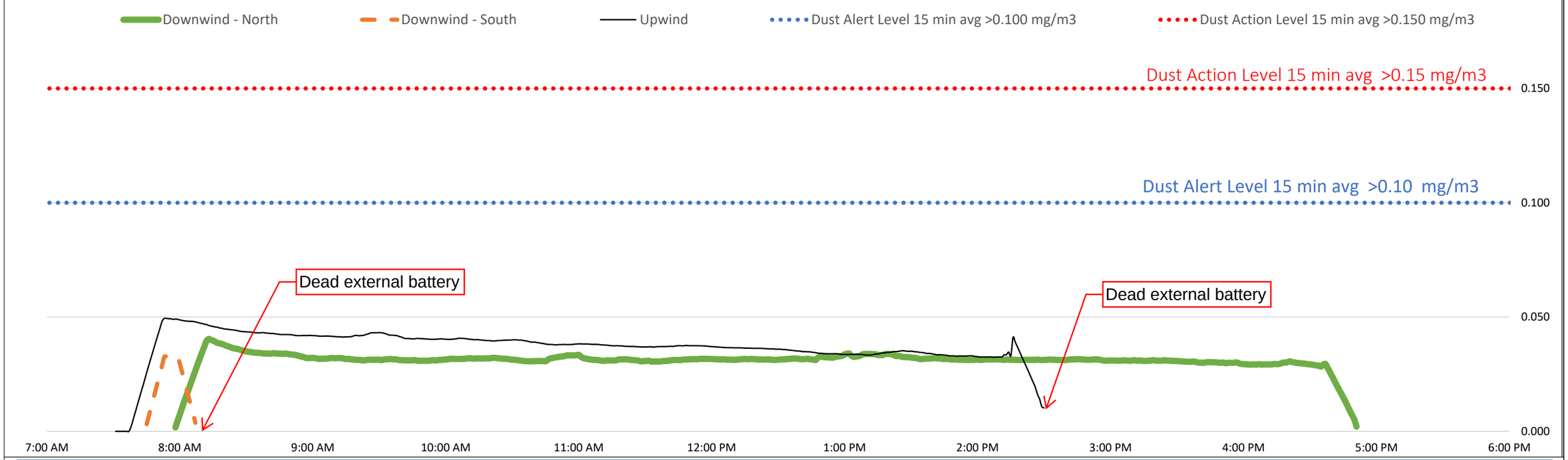
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

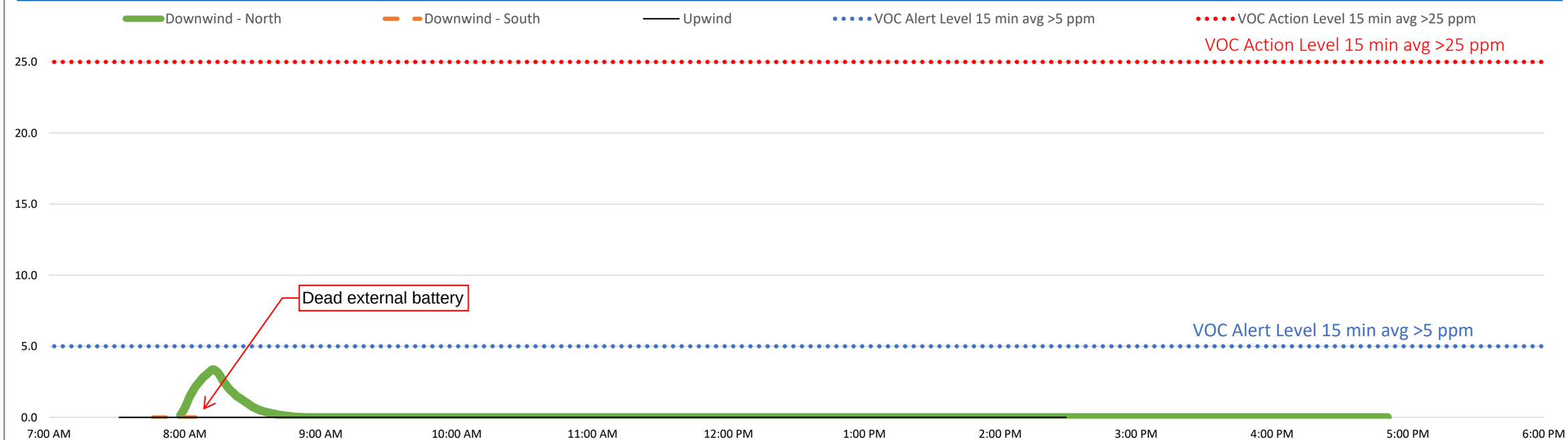
Appendix B – CAMP Data

Fixed Station Daily Air Monitoring - July 5, 2023

Dust (mg/m3) 15 min avg

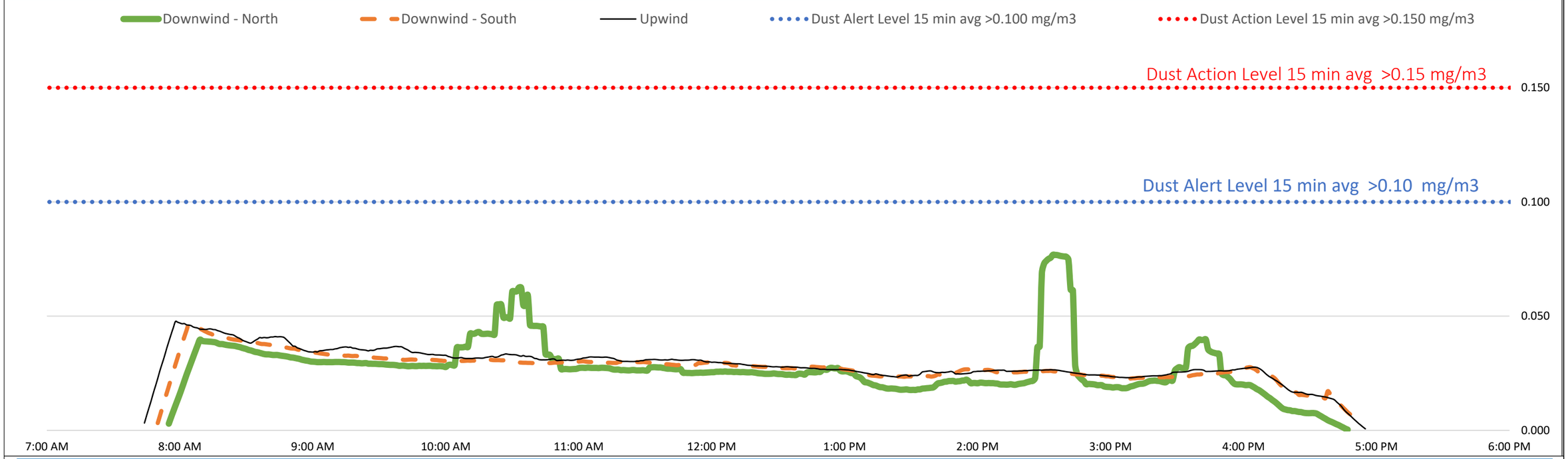


VOC (ppm) 15 min avg

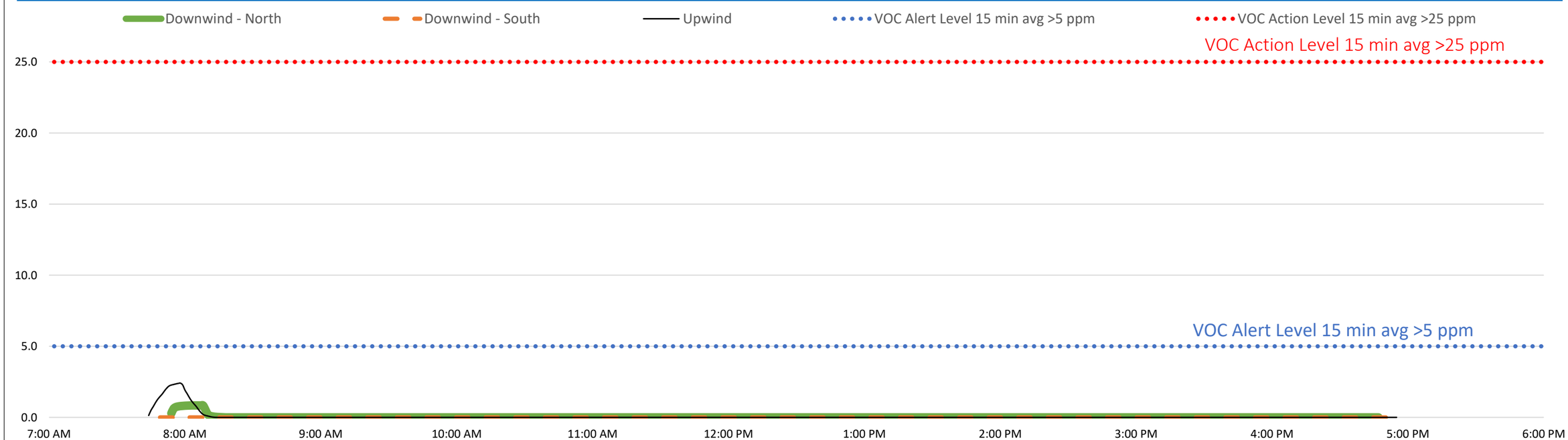


Fixed Station Daily Air Monitoring - July 6, 2023

Dust (mg/m3) 15 min avg

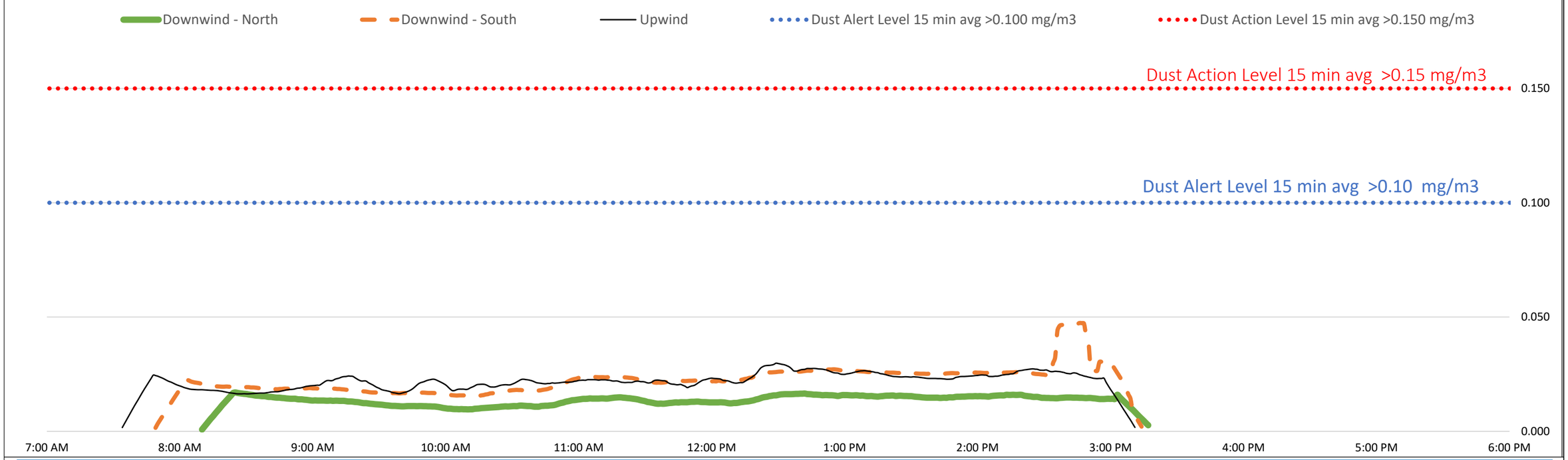


VOC (ppm) 15 min avg

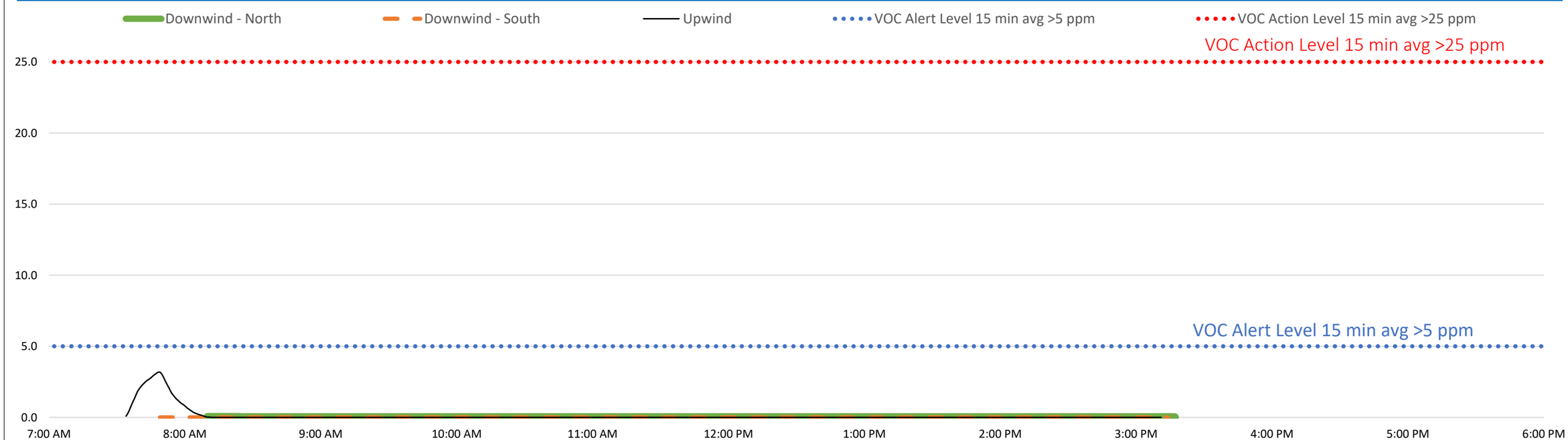


Fixed Station Daily Air Monitoring - July 7, 2023

Dust (mg/m3) 15 min avg

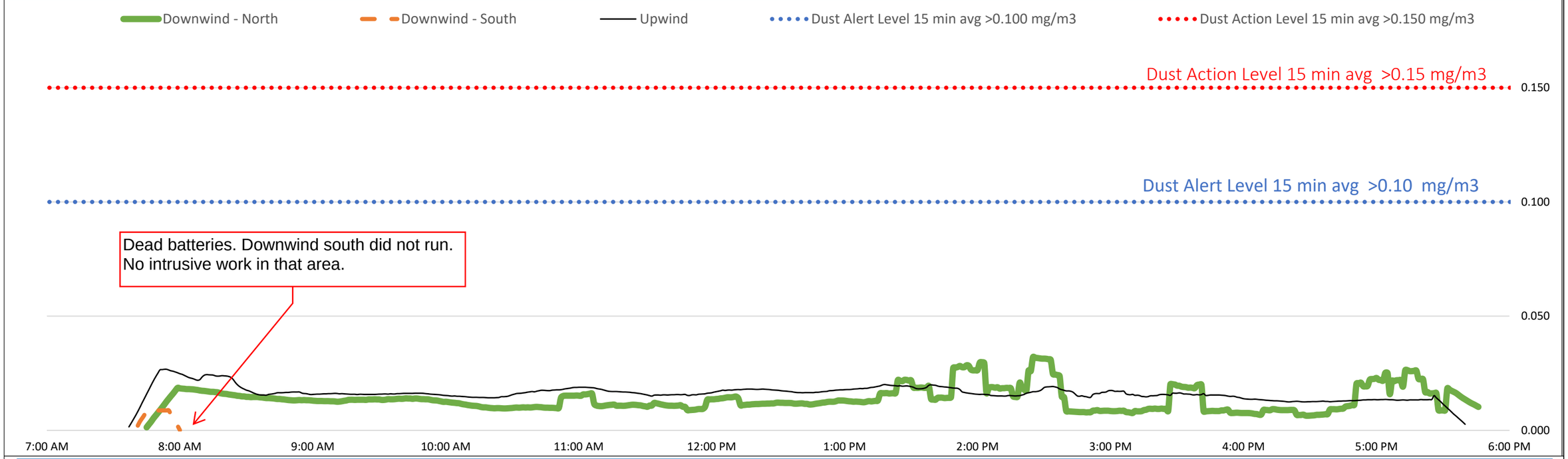


VOC (ppm) 15 min avg

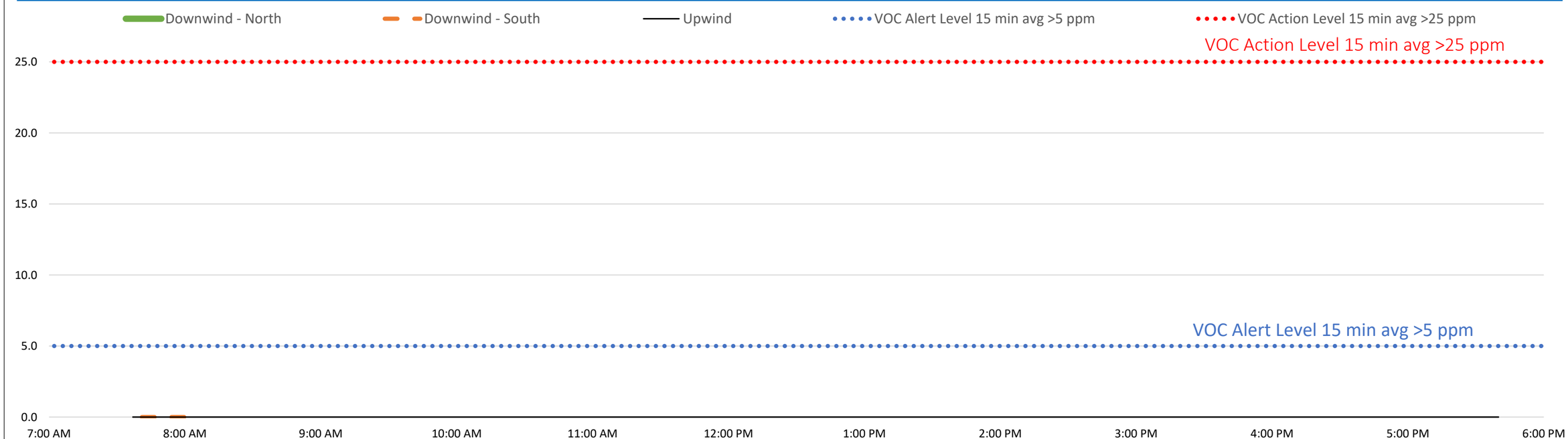


Fixed Station Daily Air Monitoring - July 10, 2023

Dust (mg/m3) 15 min avg

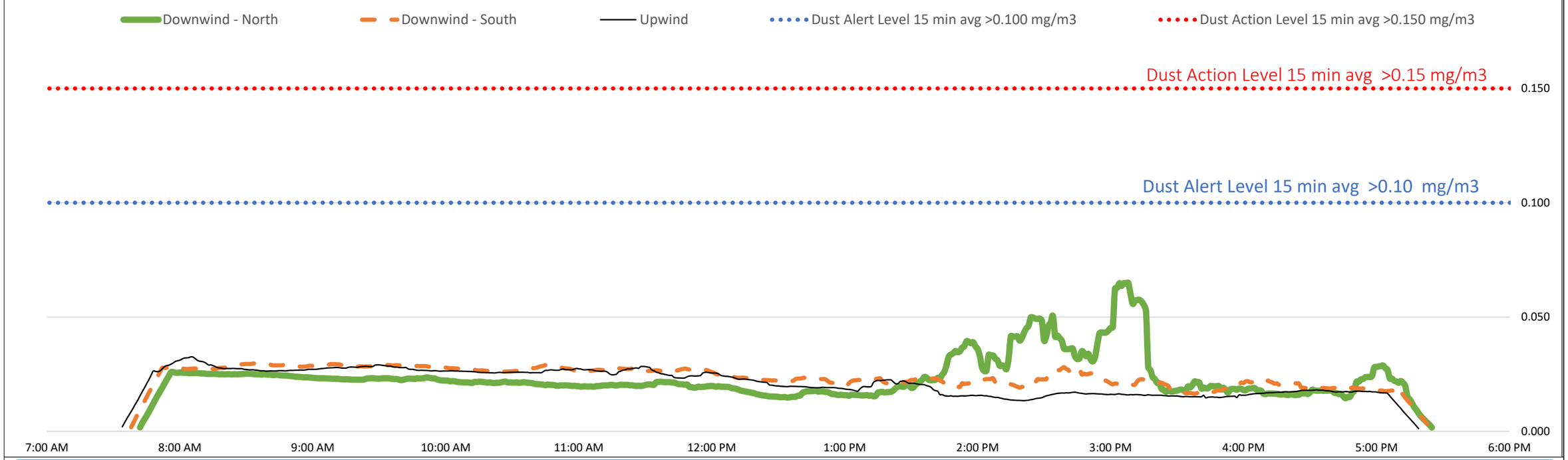


VOC (ppm) 15 min avg

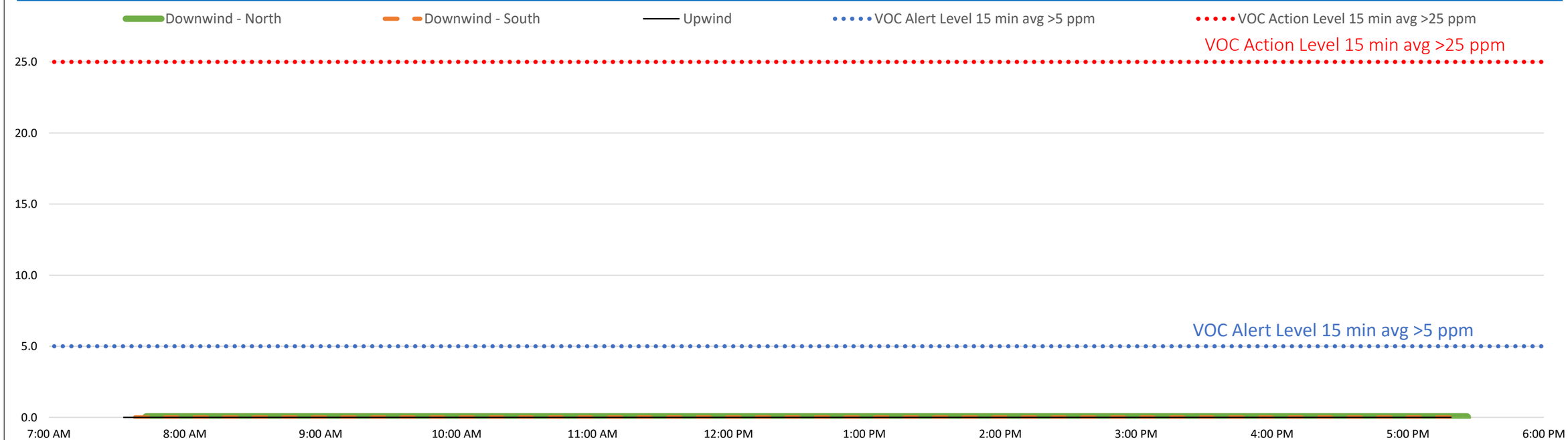


Fixed Station Daily Air Monitoring - July 11, 2023

Dust (mg/m3) 15 min avg

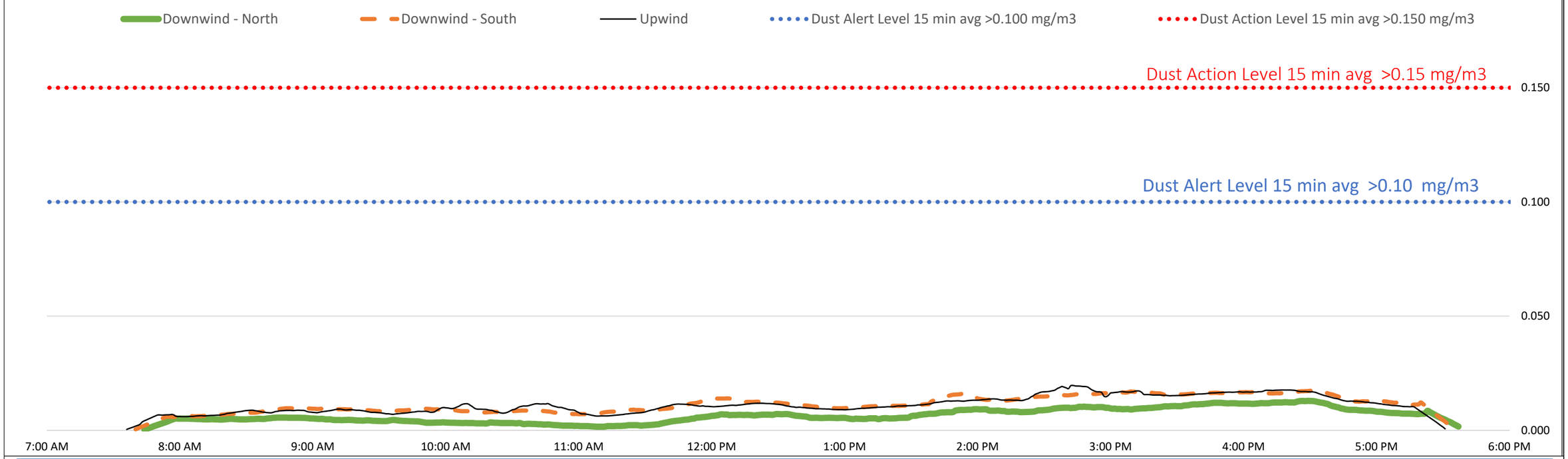


VOC (ppm) 15 min avg

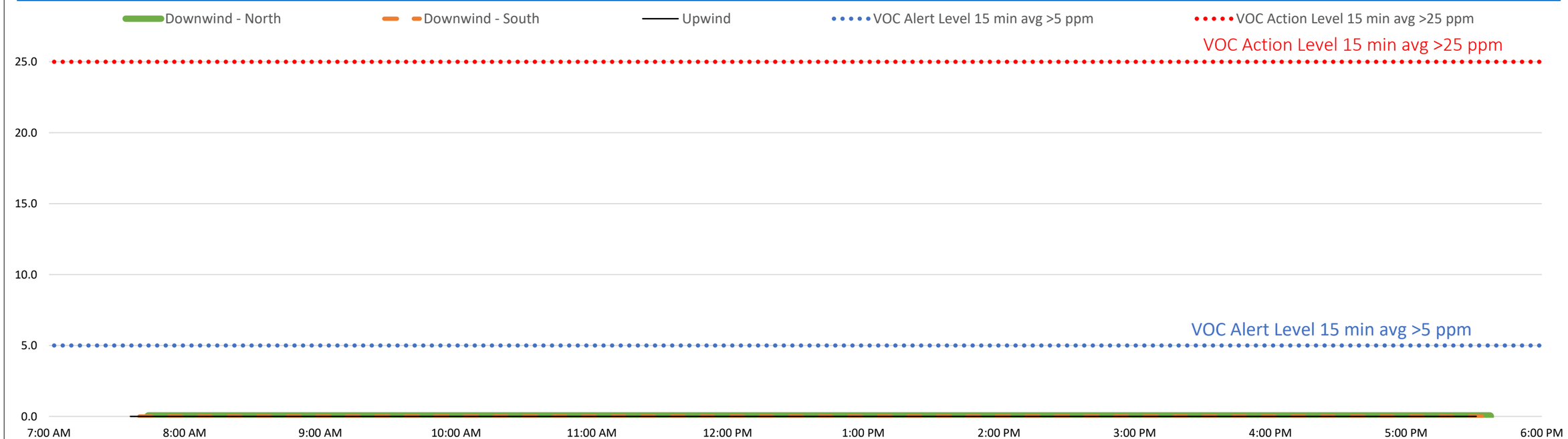


Fixed Station Daily Air Monitoring - July 12, 2023

Dust (mg/m3) 15 min avg

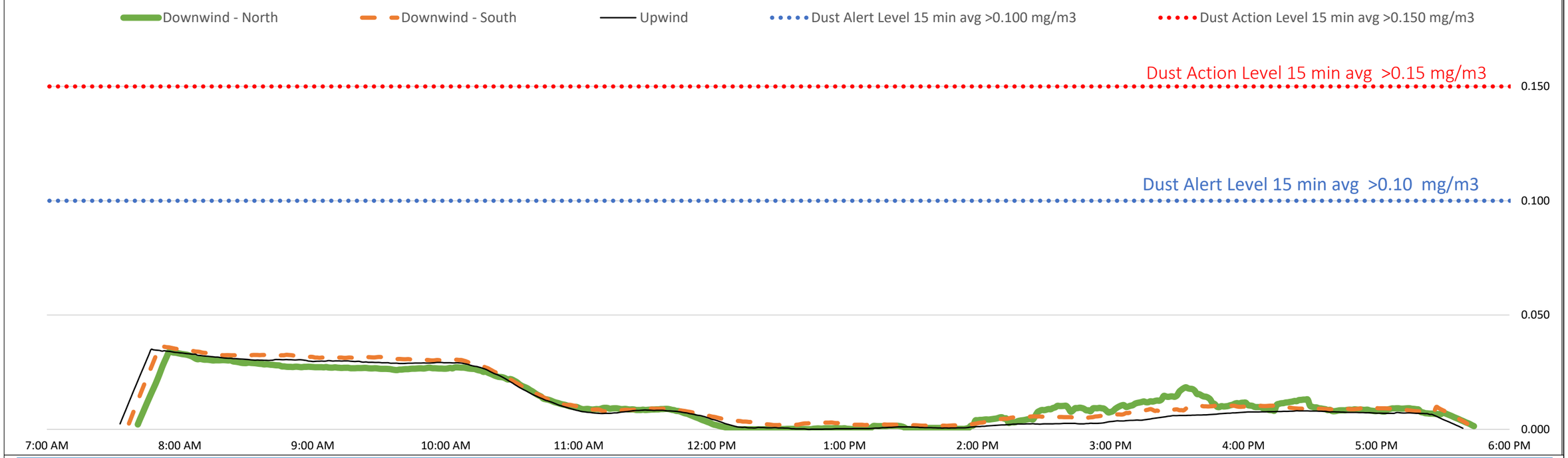


VOC (ppm) 15 min avg

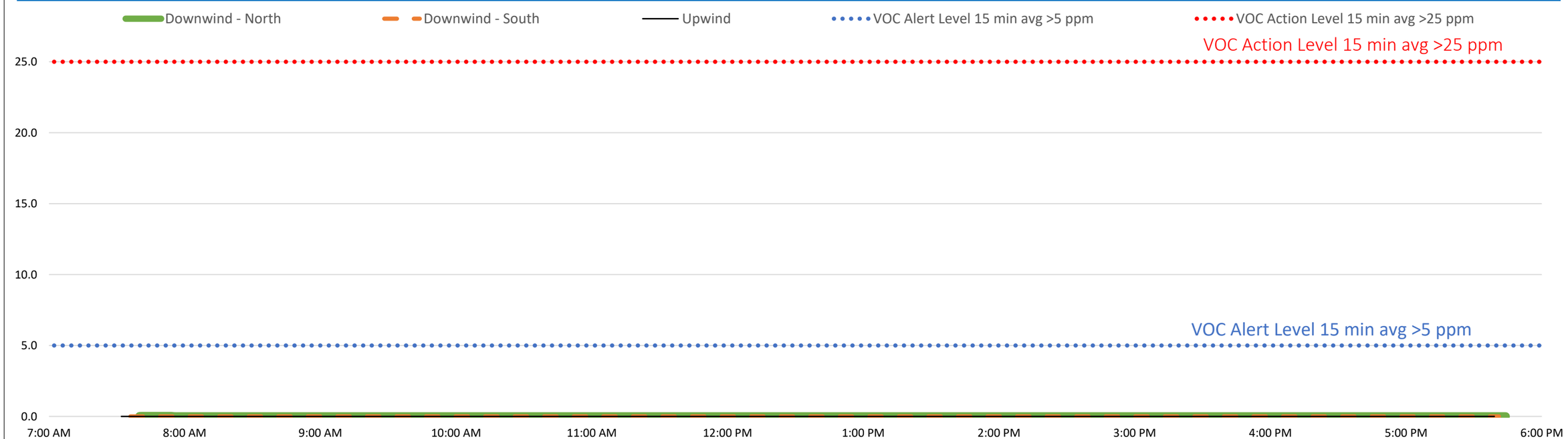


Fixed Station Daily Air Monitoring - July 13, 2023

Dust (mg/m3) 15 min avg

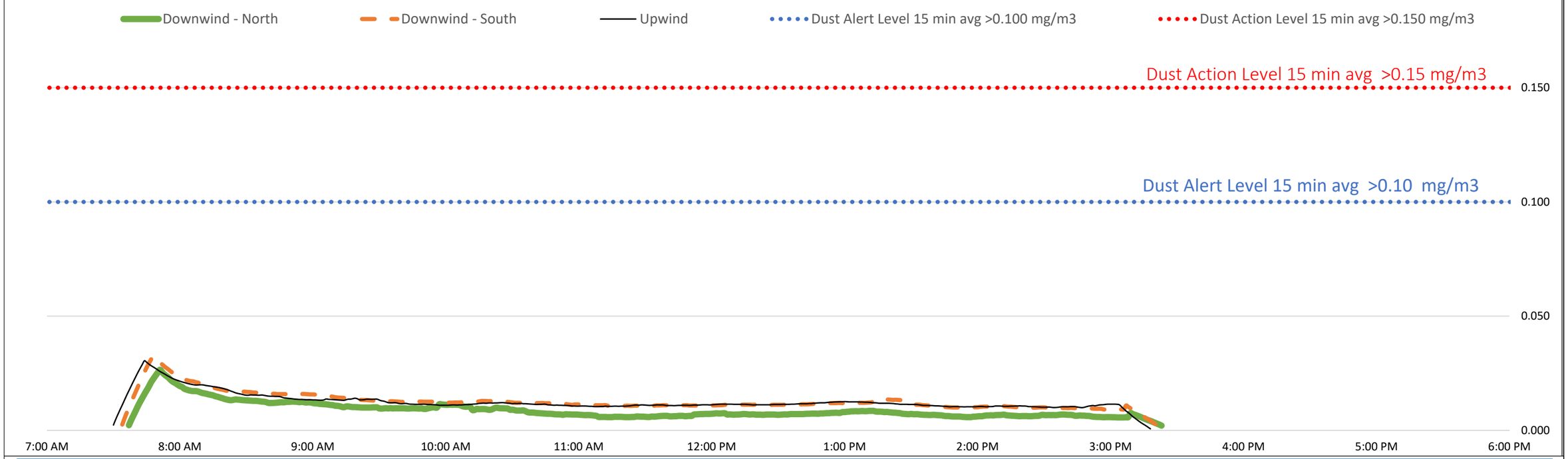


VOC (ppm) 15 min avg

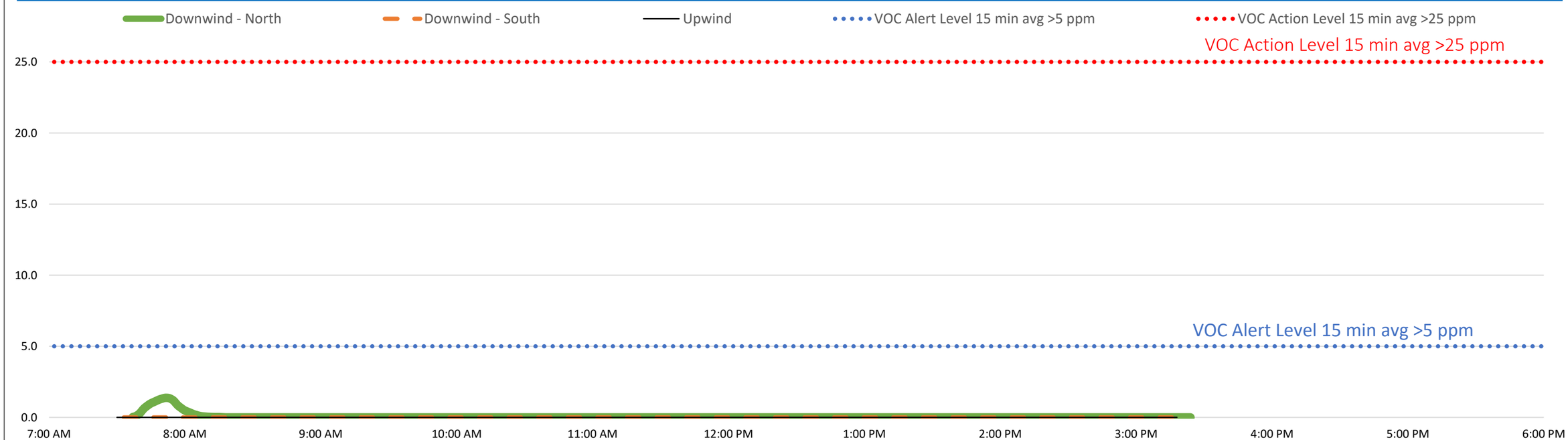


Fixed Station Daily Air Monitoring - July 14, 2023

Dust (mg/m3) 15 min avg

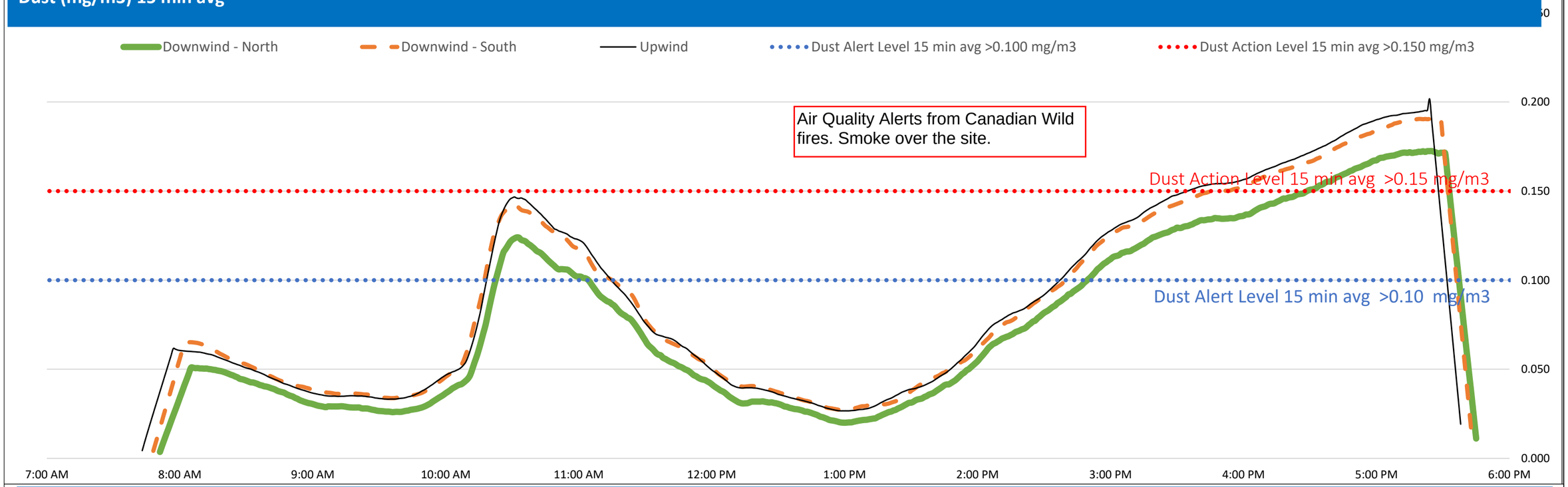


VOC (ppm) 15 min avg

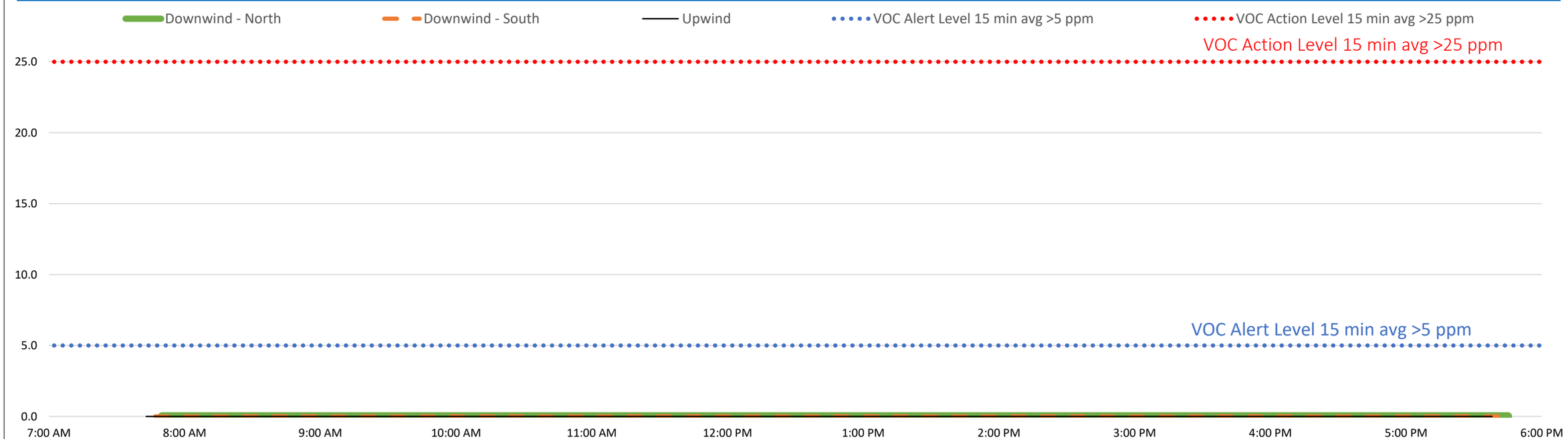


Fixed Station Daily Air Monitoring - July 17, 2023

Dust (mg/m3) 15 min avg

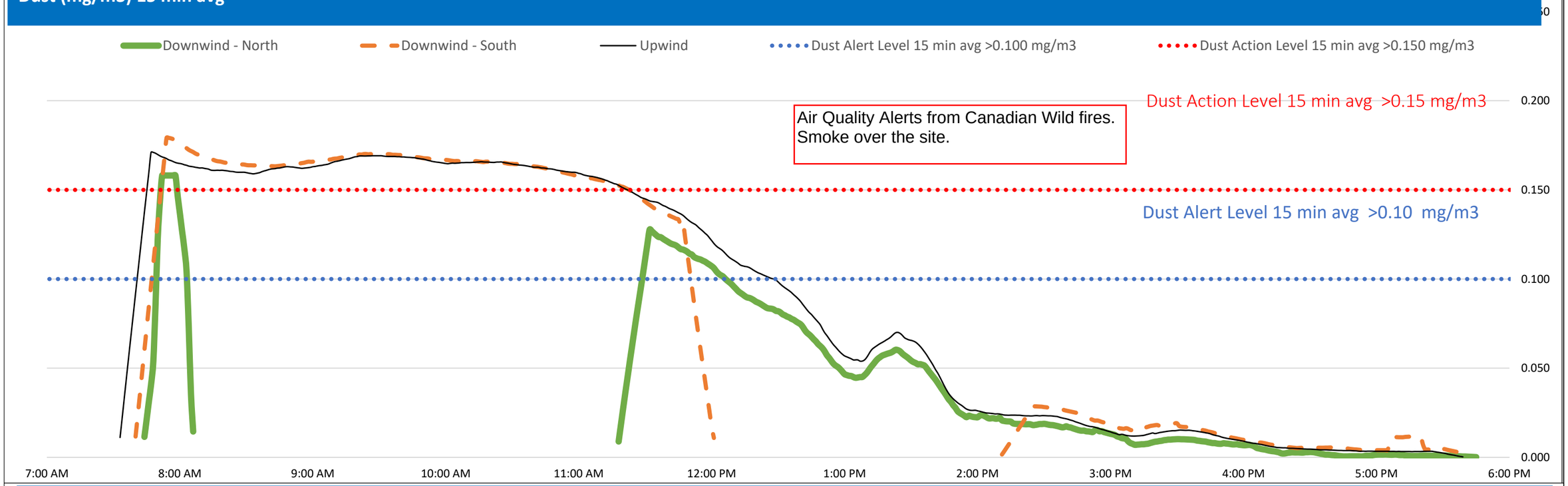


VOC (ppm) 15 min avg

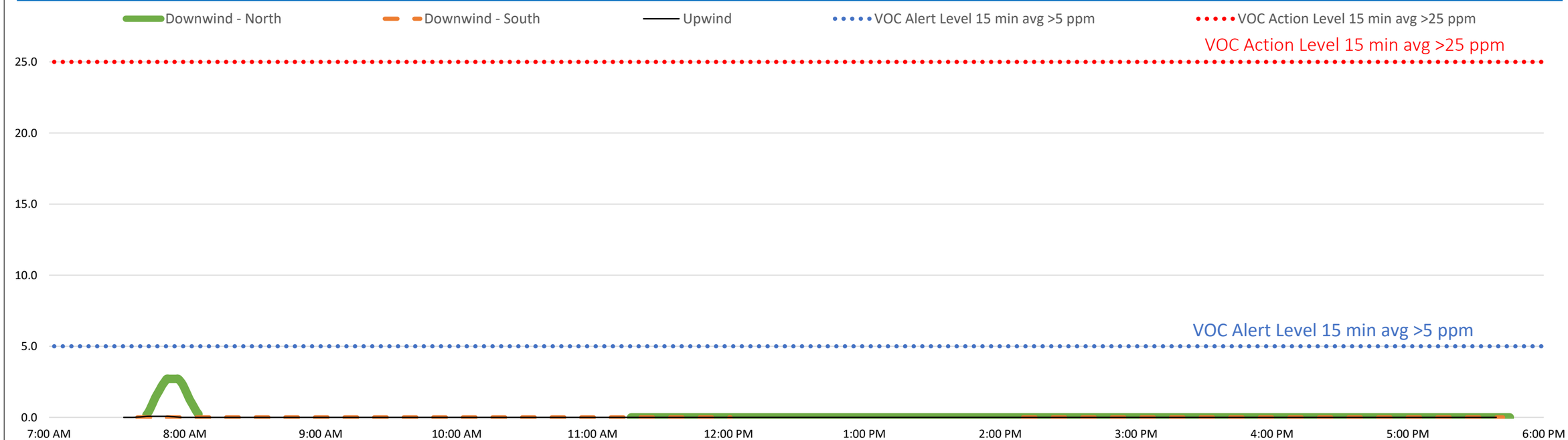


Fixed Station Daily Air Monitoring - July 18, 2023

Dust (mg/m3) 15 min avg

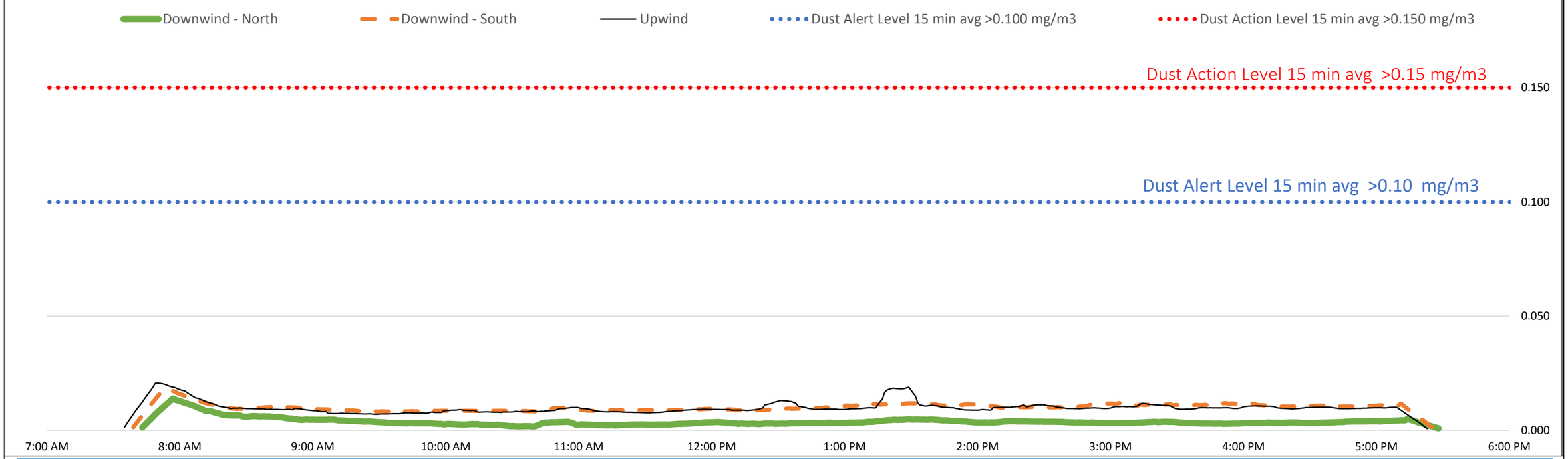


VOC (ppm) 15 min avg

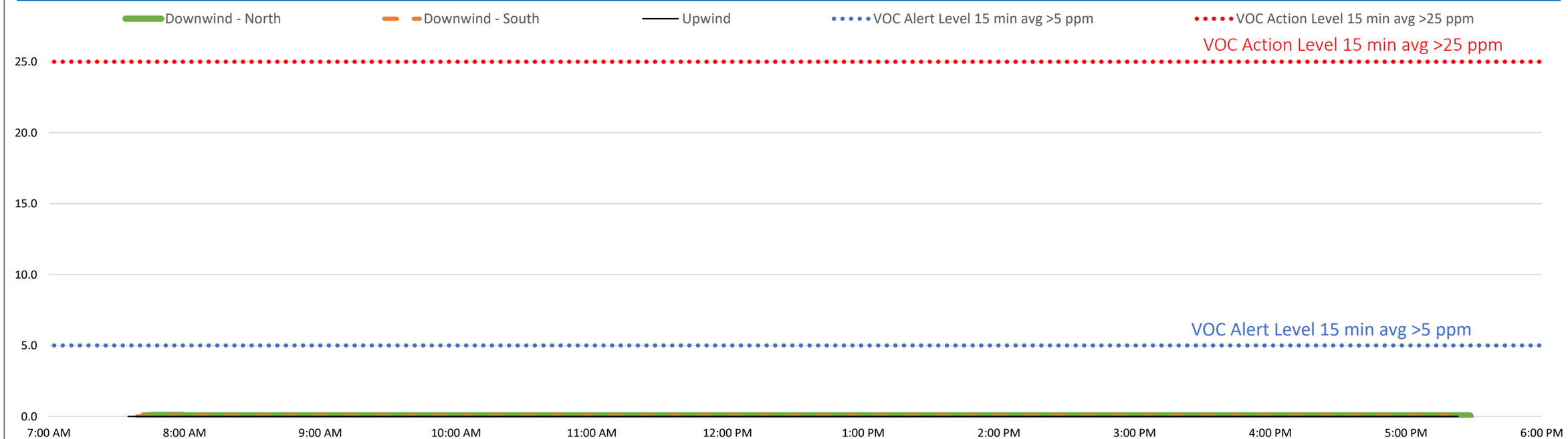


Fixed Station Daily Air Monitoring - July 19, 2023

Dust (mg/m3) 15 min avg

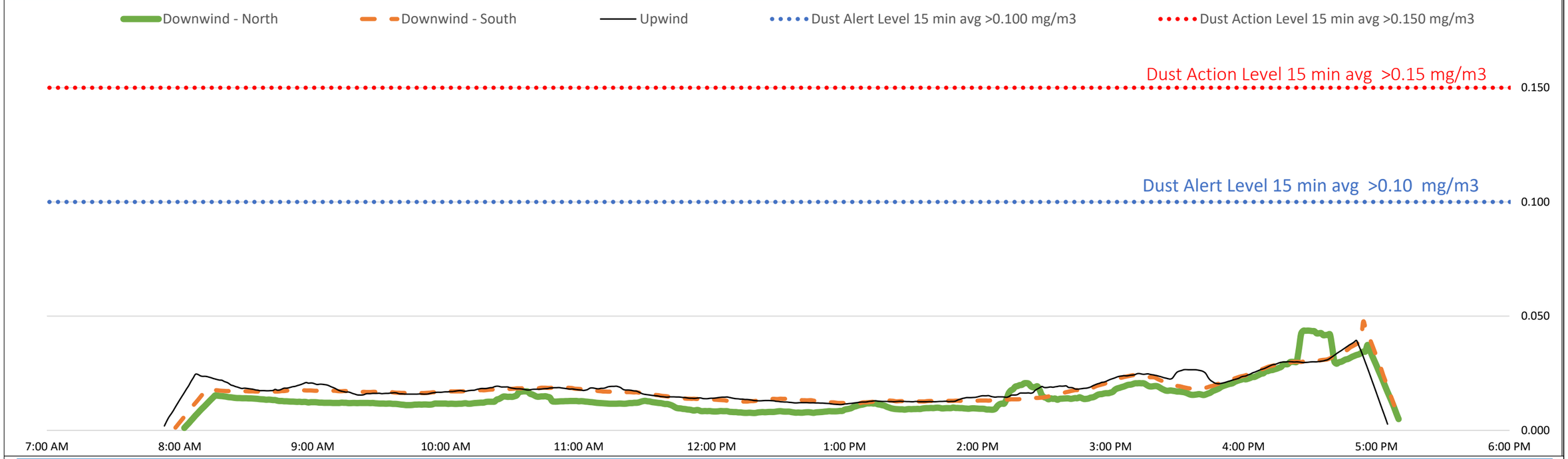


VOC (ppm) 15 min avg

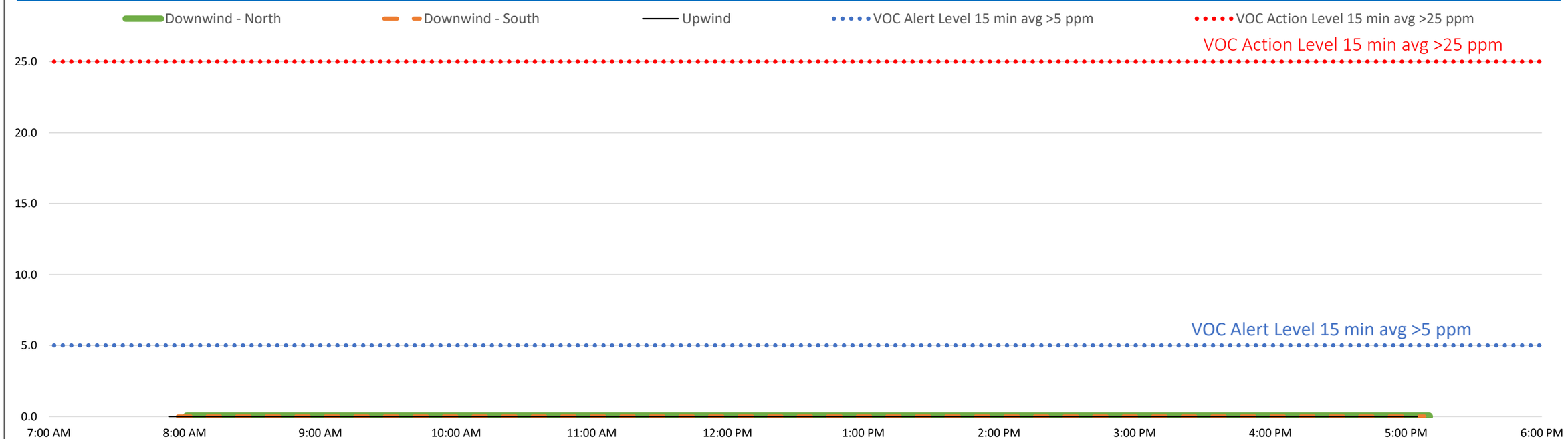


Fixed Station Daily Air Monitoring - July 20, 2023

Dust (mg/m3) 15 min avg

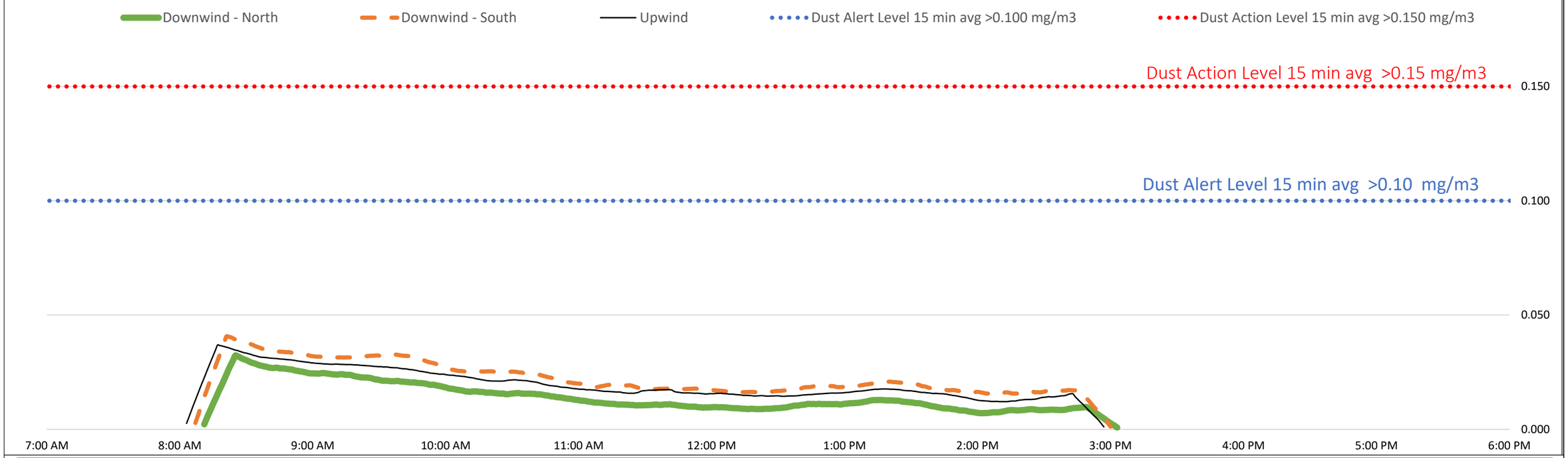


VOC (ppm) 15 min avg

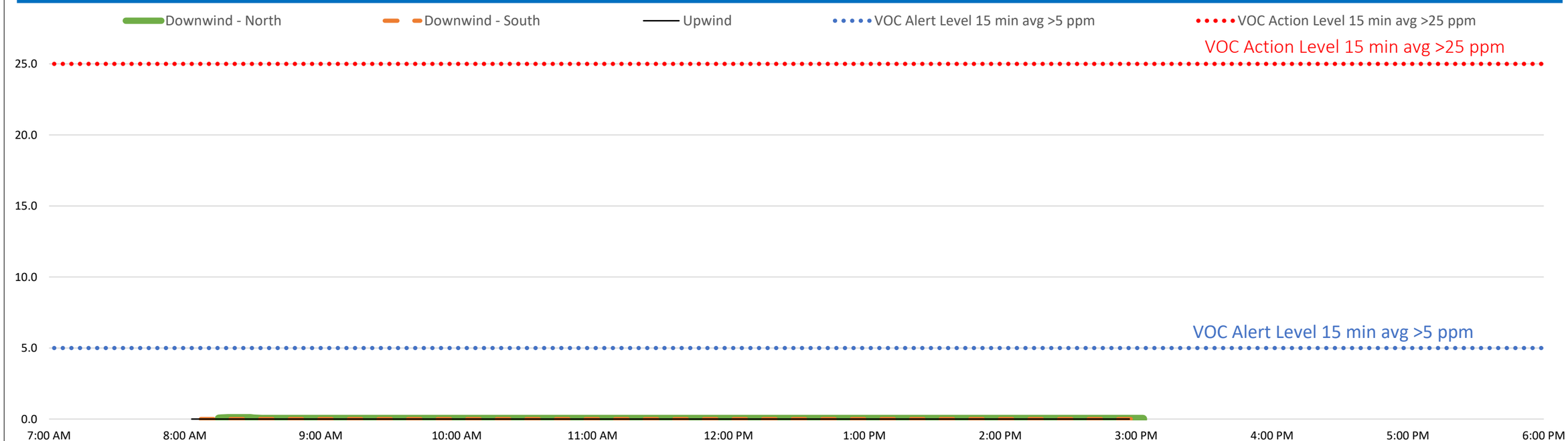


Fixed Station Daily Air Monitoring - July 21, 2023

Dust (mg/m3) 15 min avg

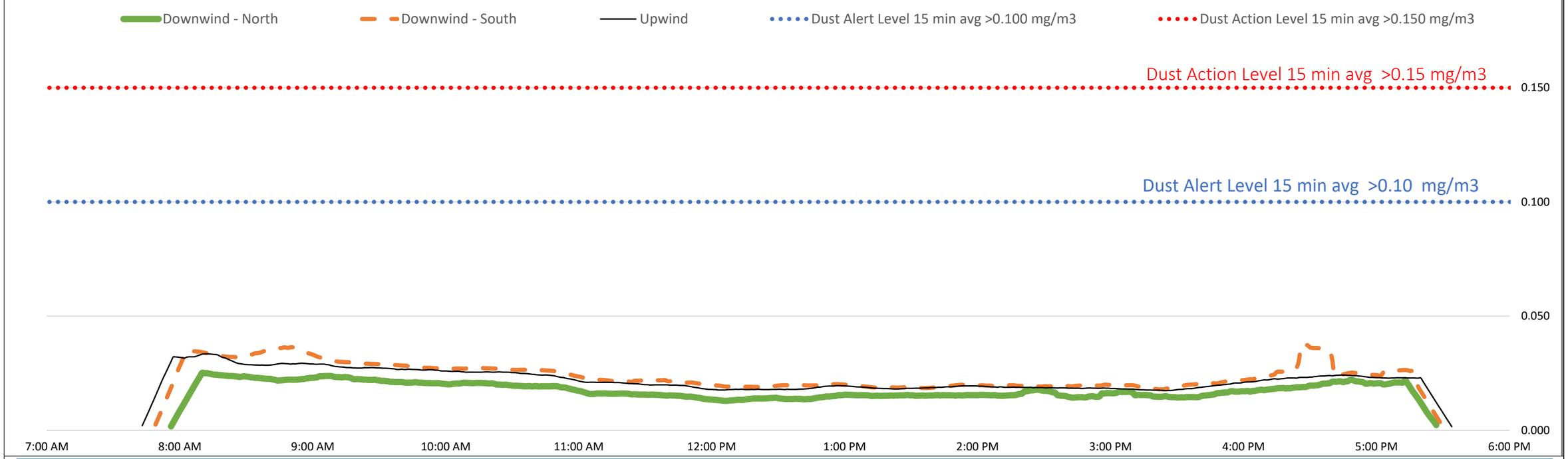


VOC (ppm) 15 min avg

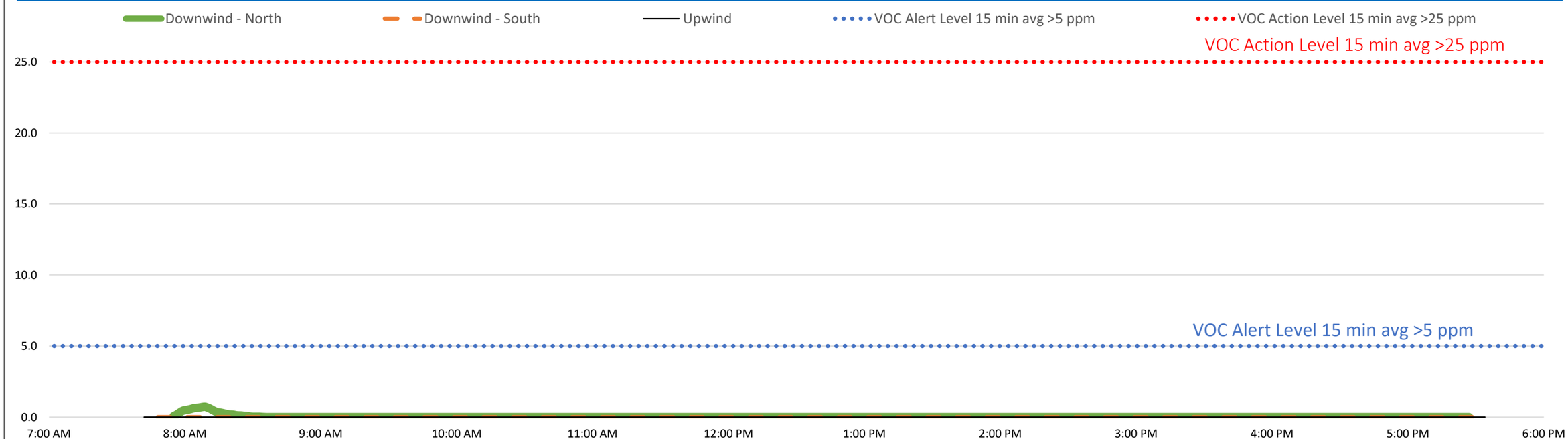


Fixed Station Daily Air Monitoring - July 24, 2023

Dust (mg/m3) 15 min avg

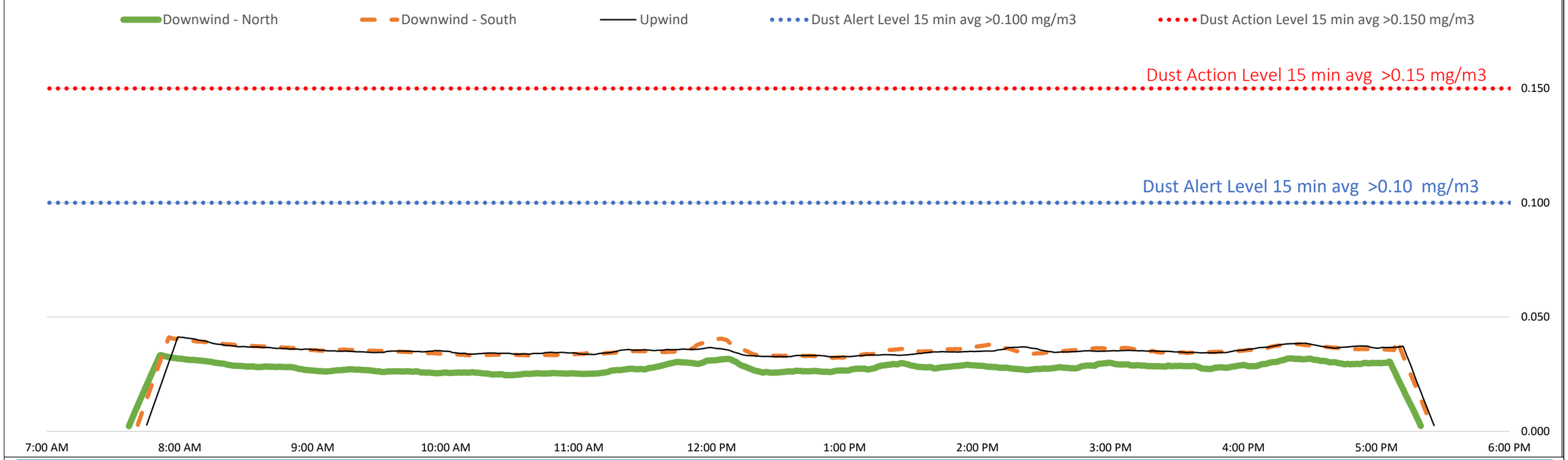


VOC (ppm) 15 min avg

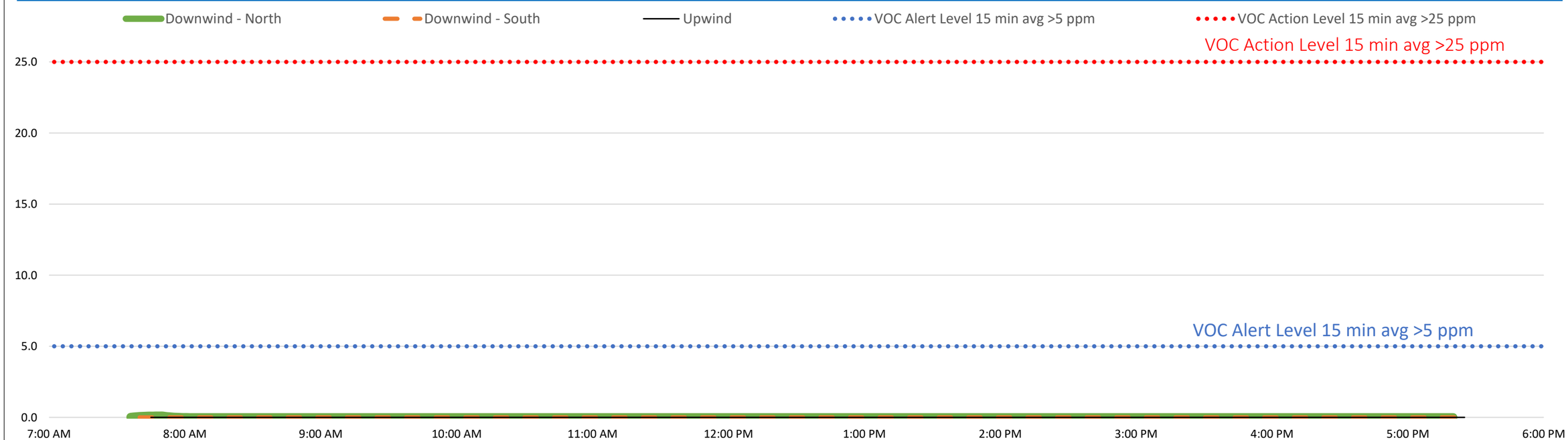


Fixed Station Daily Air Monitoring - July 25, 2023

Dust (mg/m3) 15 min avg

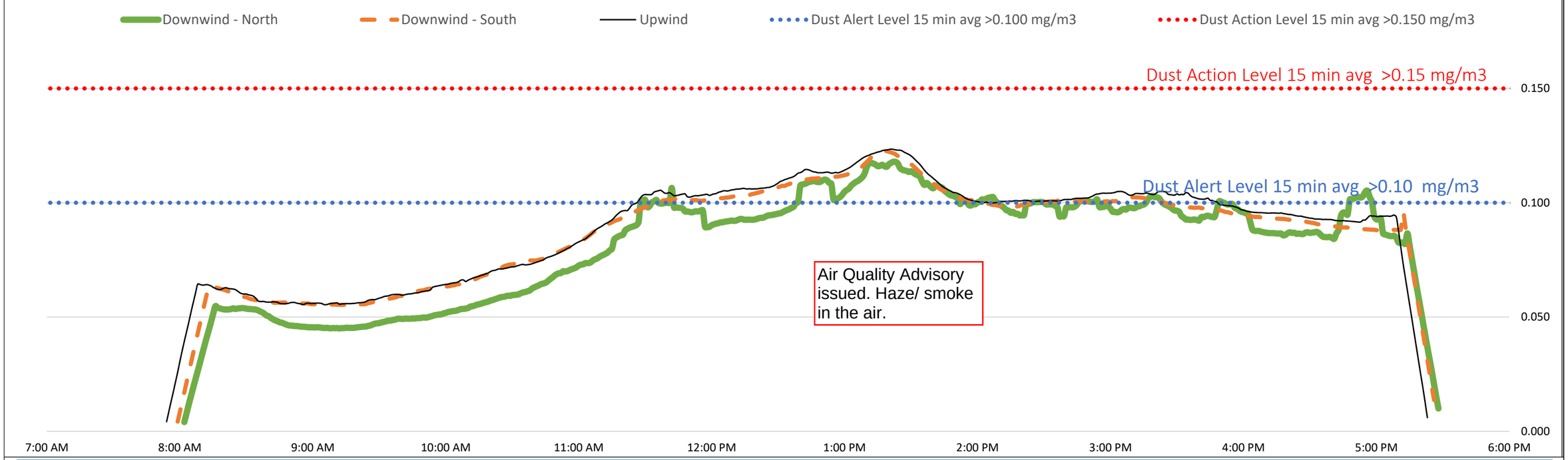


VOC (ppm) 15 min avg

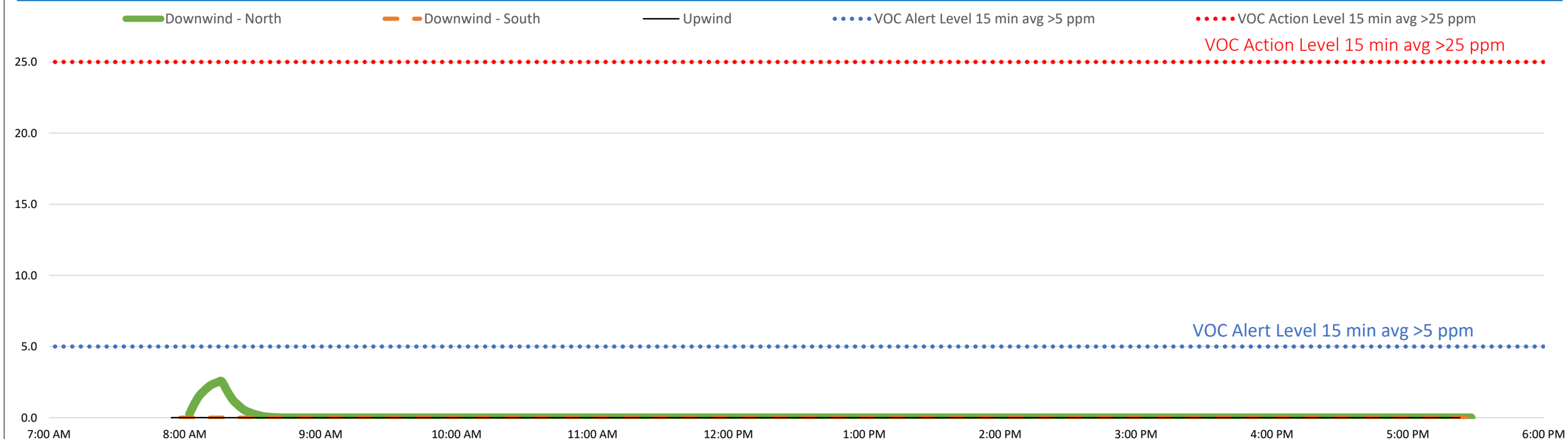


Fixed Station Daily Air Monitoring - July 26, 2023

Dust (mg/m3) 15 min avg

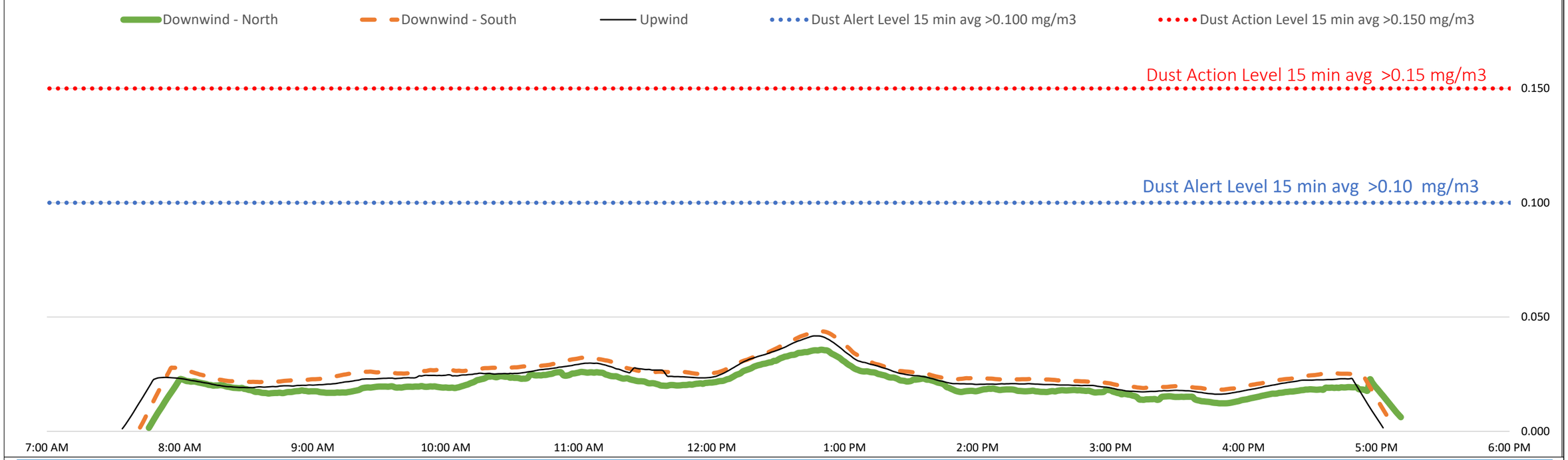


VOC (ppm) 15 min avg

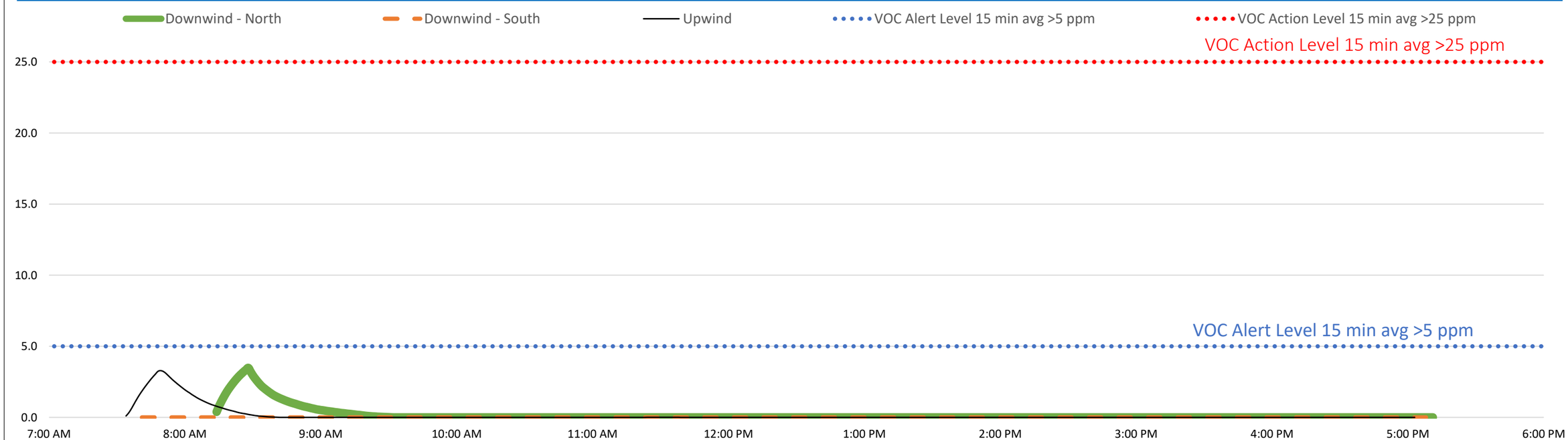


Fixed Station Daily Air Monitoring - July 27, 2023

Dust (mg/m3) 15 min avg

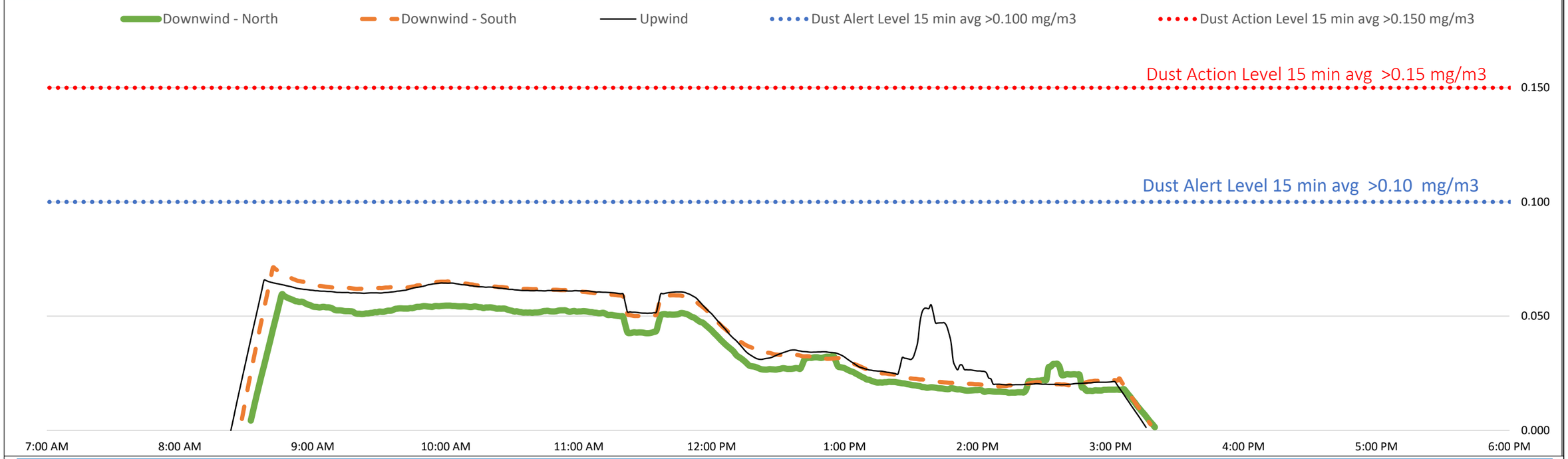


VOC (ppm) 15 min avg

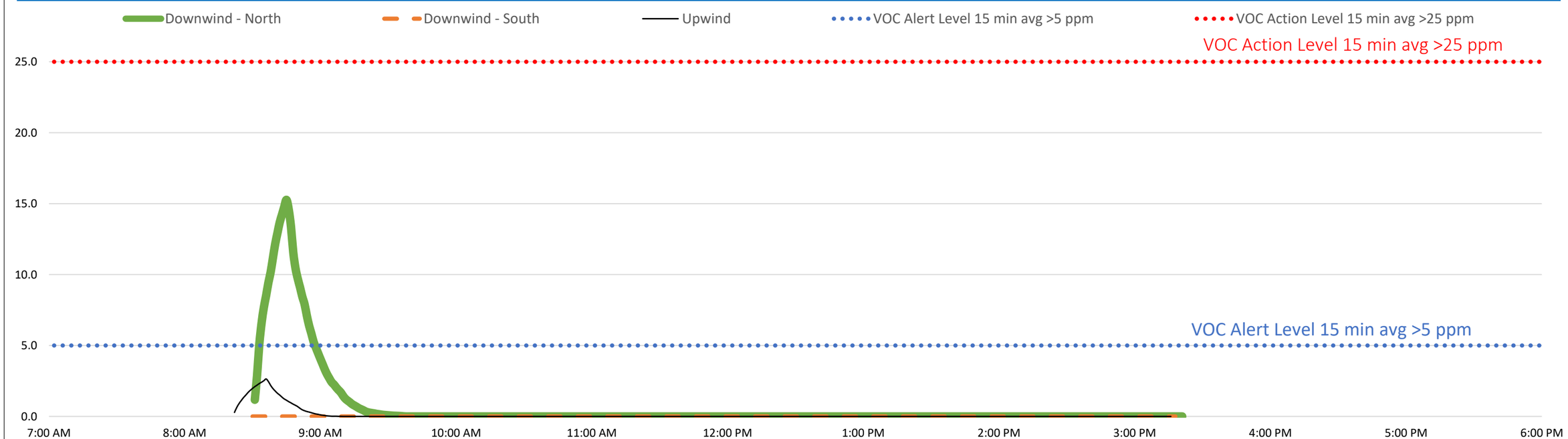


Fixed Station Daily Air Monitoring - July 28, 2023

Dust (mg/m3) 15 min avg

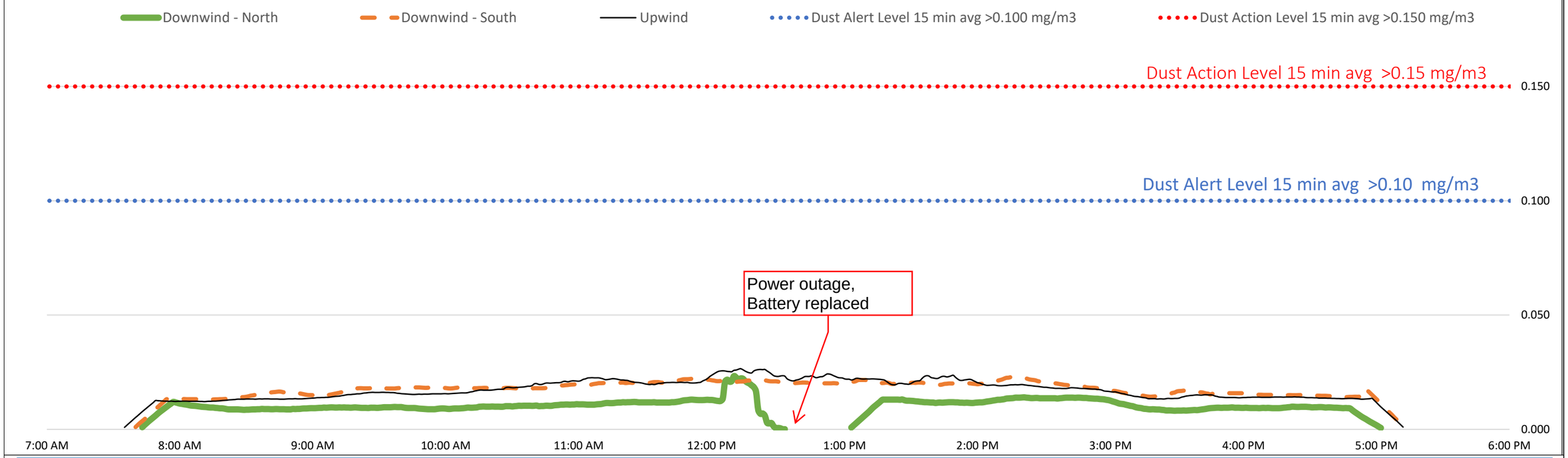


VOC (ppm) 15 min avg



Fixed Station Daily Air Monitoring - July 31, 2023

Dust (mg/m3) 15 min avg



VOC (ppm) 15 min avg

