LiRo Engineers, Inc.
A LiRo Group Company
690 Delaware Avenue, Buffalo, NY 14209 Telephone 716.882.5476 Facsimile 716.882.9640

June 20, 2024

Megan Kuczka
Environmental Program Specialist 1
Division of Environmental Remediation
New York State Department of Environmental Conservation
700 Delaware Avenue
Buffalo, New York 14209

Re: Site Management (SM) – Shoreline Erosion
NFTA Outer Harbor Greenbelt, Buffalo
Erie County, Site No.: B00149

Dear Megan Kuczka:

LiRo Engineers, Inc. (LiRo) is providing this letter in response to your email request for additional information related to the short-term shoreline erosion repairs that were completed since the end of the last certifying period (April 23, 2021). The repairs were completed in accordance with the June 8, 2021 and March 1, 2023Corrective Measures Work Plans (CMWP) along with the January 9, 2023, letter issued by the Department.

Erosion Repairs

The erosion repair work was conducted between November 2021 through February 2022 and January 2023 through September 2023. The repairs were conducted in the areas as shown on attached Figure 1 and Figure 2.

The 2021/2022 repair work included the following:

- Heavy Stone - Heavy stone was placed along the top of bank to extend the height of the rip rap revetment.

The planned repairs to the demarcation layer along with grading and topsoil placement we not conducted during this repair event. Additionally, portions of the planed repair areas were not completed during this event and were completed under the 2023 repair work.

In addition, the wrapping of the tree trunks with wire mesh to prevent damage to the trees caused by small animal/rodent activities was also not performed. The trees have been monitored over the past several years and no further damage has been identified. ECHDC will continue to monitor the trees and take appropriate action as necessary.

The 2023 repair work included the following:

- Repair demarcation layer – The existing demarcation layer material, if in good condition, was spread out over the damaged area. Where the demarcation layer was missing or damaged beyond repair, a new filter fabric demarcation layer was placed.
- Heavy Stone - Heavy stone was placed along the top of bank to extend the height of the rip rap revetment and fill large voids to produce a uniform top edge. Due to the variable size and shape of the heavy stone, the heavy stone was suitable for filling the gaps and the use of medium stone as indicated in the CMWP was not required.

- Select fill – Select fill was placed over the demarcation layer behind the stone revetment to fill voids caused from the erosion.
- Topsoil – Topsoil was placed over the select fill material and seeded.
- Debris Disposal – Approximately 66.79 tons of wood debris (driftwood) was collected and disposed of as C&D Material at Modern Corporation 3675 Jeffery Boulevard, Blasdell, New York 14219. No other material was disposed of offsite from this work. Disposal documentation is included in Attachment 1

Imported Materials

The repair work included the import of the following materials:

- 2021/2022 Heavy Stone- Approximately 425 tons of heavy stone was imported from County Line Stone Co. Inc.
- 2023 Heavy Stone- Approximately 1,600 tons of heavy stone was imported from County Line Stone Co. Inc.
- 2023 Select Fill – Approximately 781 cubic yards of select fill was imported from the Joseph Davis State Park stockpile located on the adjacent ECHDC property.
- 2023 Topsoil – Approximately 260 cubic yards of topsoil was imported from Pariso Logistics stockpile in Woodlawn New York. Of the 260 cubic yards imported, 142 cubic yards were used within the Outer Harbor Greenbelt site limits. The remainder of the material was used on other adjacent ECHDC proprieties outside the Outer Harbor Greenbelt Site.

A summary of imported quantities and import tickets are included in Attachment 2 and Attachment 3.

Due to the exceedance of the previously approved import of 25 cubic yards of select fill, additional testing was conducted, and an import request submitted. The import request and approval are included in Attachment 4.

Additional Work

In addition to repairing the eroded areas, soil was placed in the hammock area, to restore the cover, in the ruts caused from hammock use.

The work for the Bell Slip construction within the easement area was conducted as a separate project. Documentation related to that work was provided as part of the Periodic Review Report (PRR) submitted in May 2024.

Photographs of the completed work are provided in Attachment 5.

Should you have any questions or require additional information, please contact me by email at wesolowskim@LiRo.com or phone at 716-534-7018.

Sincerely,
LiRo Engineers, Inc.

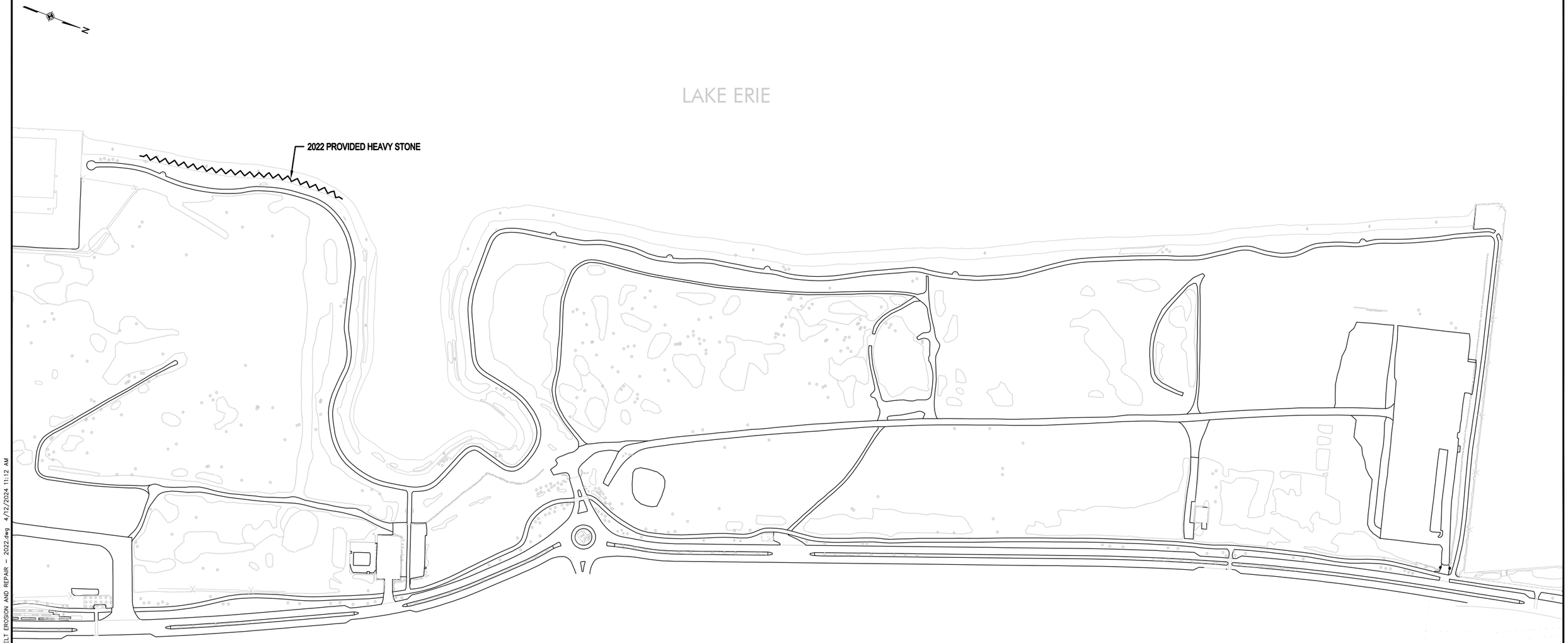
Martin Wesolowski, PE, CCM, DBIA
Project Manager

CC: C. Catanzaro – ECHDC

FIGURES

FIGURE 1 – 2022 APPROXIMATE REPAIR LOCATIONS

FIGURE 2 – 2023 APPROXIMATE REPAIR LOCATIONS



NOTES:

1. WORK LOCATION ARE APPROXIMATE. SPECIFIC WORK LOCATIONS AND REQUIRED SCOPE TO BE DETERMINED IN THE FIELD.
2. PLACEMENT OF HEAVY STONE ALONG THE BANK WILL BE AT SELECT LOCATIONS AS DETERMINED BY THE ENGINEER IN THE FIELD.
3. REMOVE STONE IN ERODED AREAS AND PLACE ALONG BANK AS DIRECTED BY THE ENGINEER IN THE FIELD.
4. PLACE FILL MATERIAL TO PROVIDE UNIFORM SLOPE. PLACE 6 INCH THICK TOPSOIL LAYER AND SEED.
5. SEEDED AREAS SHALL BE COVERED WITH STRAW OR APPROVED COVER TO IMPROVE SEED GERMINATION.
6. PROVIDE FILTER FABRIC WHERE REQUIRED OR AS DIRECTED BY THE ENGINEER IN THE FIELD.

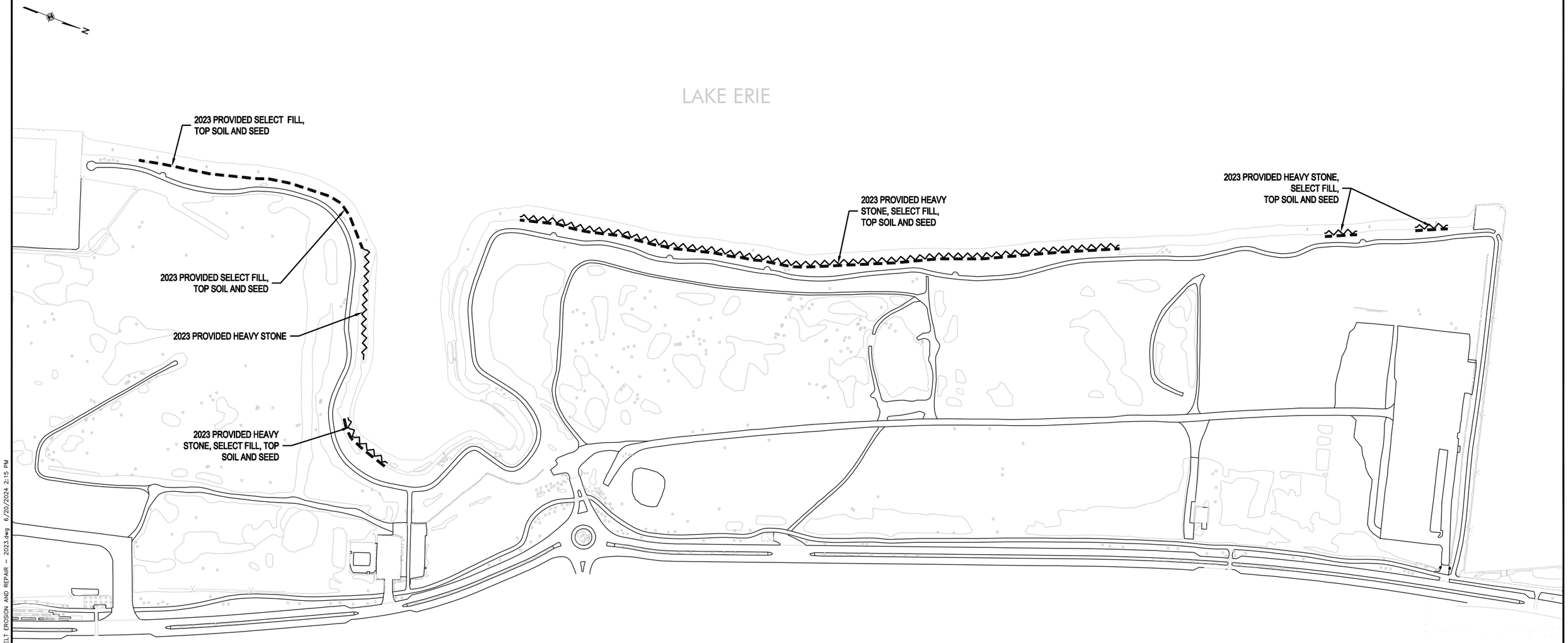
150 0 150
SCALE IN FEET

NO.	DATE	DESCRIPTION
		REVISIONS

LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, New York

PROJ. ENG.:	
DESIGNED BY:	
CHECKED BY:	
DRAWN BY:	A.M.K.
CLIENT:	BUFFALO OUTER HARBOR ENVIRONMENTAL COMPLIANCE TASKS
DATE:	3/2024
SCALE:	AS SHOWN
JOB TITLE AND LOCATION:	BUFFALO WATERFRONT - BUFFALO OUTER HARBOR PORT-GREENBELT SHORELINE EROSION AND REPAIR
DRAWING TITLE:	SITE PLAN 2022 APPROXIMATE REPAIR LOCATIONS
LIRO JOB NO.:	18-015-0152
SHEET OF	1 2
FIGURE NO.	1

V:\ECHDC\23-162-0132 - Buffalo Waterfront\Design\Task 4 Services\Erosion Repair - Greenbelt\PORT-GREENBELT EROSION AND REPAIR - 2022.dwg 4/12/2024 11:12 AM



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150 0 150
SCALE IN FEET

NO.	DATE	DESCRIPTION
REVISIONS		

LiRo Engineers, Inc.
690 Delaware Avenue
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PROJ. ENG.:	
DESIGNED BY:	
CHECKED BY:	
DRAWN BY:	A.M.K.
CLIENT:	BUFFALO OUTER HARBOR ENVIRONMENTAL COMPLIANCE TASKS
DATE:	3/2024
SCALE:	AS SHOWN
JOB TITLE AND LOCATION:	BUFFALO WATERFRONT - BUFFALO OUTER HARBOR PORT-GREENBELT SHORELINE EROSION AND REPAIR
DRAWING TITLE:	SITE PLAN 2023 APPROXIMATE REPAIR LOCATIONS
LIRO JOB NO.:	18-015-0152
SHEET OF	2 2
FIGURE NO.	2

V:\ECHDC\23-162-0132 - Buffalo Waterfront\Design\Task 4 Services\Erosion Repair - Greenbelt\PORT-GREENBELT EROSION AND REPAIR - 2023.dwg 6/20/2024 2:15 PM

ATTACHMENT 1

DEBRIES DISPOSAL DOCUMENTATION

Rodriguez Construction Group - Dumpster Division
683 Northland Ave
Buffalo, New York 14211
(716) 464-3257
tsaunders@rodriguez-cg.com

RODRIGUEZ CONSTRUCTION GROUP

container rental disposal

BW

Bill To:
NW Contracting
3553 Crittenden Road
Alden, New York 14004

Service Address:
225 Fuhrmann Boulevard
Buffalo, New York
14203

Invoice No: 4193
Invoice Date: 01/31/2023
Due Date: 02/15/2023
PO No: 22-189

Line Items

DESCRIPTION	QUANTITY	RATE	AMOUNT
Dumpster Rotation **Service Date:** 01/26/2023	1	$235.00	$235.00
Dump Fee for C&D Waste **Service Date:** 01/26/2023	9.36	$75.00	$702.00
Dumpster Rotation **Service Date:** 01/26/2023	1	$235.00	$235.00
Dump Fee for C&D Waste **Service Date:** 01/26/2023	10.18	$75.00	$763.50
Dumpster Rotation **Service Date:** 01/26/2023	1	$235.00	$235.00
Dump Fee for C&D Waste **Service Date:** 01/26/2023	8.21	$75.00	$615.75
Dumpster Rotation **Service Date:** 01/26/2023	1	$235.00	$235.00
Dump Fee for C&D Waste **Service Date:** 01/26/2023	12.33	$75.00	$924.75
Dumpster Rotation **Service Date:** 01/26/2023	1	$235.00	$235.00
Dump Fee for C&D Waste **Service Date:** 01/26/2023	9.55	$75.00	$716.25
Dumpster Rotation **Service Date:** 01/26/2023	1	$235.00	$235.00
Dump Fee for C&D Waste **Service Date:** 01/26/2023	12.26	$75.00	$919.50
Dumpster Rotation **Service Date:** 01/26/2023	1	$235.00	$235.00
Dump Fee for C&D Waste **Service Date:** 01/26/2023	4.9	$75.00	$367.50

Subtotal $6,654.25
Tax (8.75%) $582.25

MODERN Corporation

3675 Jeffery Boulevard
Blasdell, NY 14219
7167548226

17

NW Contracting

Task 1536

Ticket: 1003282571
Date: 1/26/2023
Time: 14:18:26 - 14:28:49

			Scale
Gross:	54160 POU	In	Scale NEI_IP
Tare:	29640 POU	Out	Scale NEI_IP
Net:	24520 POU		

Truck: SLIVER-ROD
Customer: 0415590010/RODRIGUEZ CONSTRUC

Truck Type: PU
Route: RODRIGUEZ/RODRIGUES CONST

Service Site:
Comment:

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Commercial Refuse (MB)	12.26	TON

Driver: _____

Weighmaster: Robert Slomba

MODERN Corporation

3675 Jeffery Boulevard
Blasdell, NY 14219
7167548226

41
NW Contracting
Task 1535

Ticket: 1003282519
Date: 1/26/2023
Time: 13:04:52 - 13:14:38

		Scale
Gross:	48900 POU	In Manual Wt M
Tare:	29800 POU	Out Scale NEI_IP
Net:	19100 POU	

Truck: RODRIGUEZ
Customer: 0415590010/RODRIGUEZ CONSTRUC

Truck Type: PU
Route: RODRIGUEZ/RODRIGUES CONST

Service Site:
Comment:

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Commercial Refuse (MB)	9.55	TON

Driver: _____

Weighmaster: Robert Slomba

MODERN
Corporation

17

NW Contracting
Task 1533

75 Jeffery Boulevard
asdell, NY 14219
67548226

Ticket: 1003282494
Date: 1/26/2023
Time: 12:13:45 - 12:25:18

Scale

Gross: 54260 POU In Scale NEI_IP
Tare: 29600 POU Out Scale NEI_IP
Net: 24660 POU

Truck: GRAY-ROD
Customer: 0415590010/RODRIGUEZ CONSTRUC

Truck Type: PU

Service Site:
Comment:

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Commercial Refuse (MB)	12.33	TON

Driver: _____

Weighmaster: Robert Slomba

MODERN
Corporation

675 Jeffery Boulevard
Blasdell, NY 14219
7167548226

41

NW Contracting

Task 1532

Ticket: 1003282456
Date: 1/26/2023
Time: 11:34:05 - 11:39:30

			Scale
Gross:	46420 POU	In	Manual Wt M
Tare:	30000 POU	Out	Scale NEI_IP
Net:	16420 POU		

Truck: SLIVER-ROD
Customer: 0415590010/RODRIGUEZ CONSTRUC

Truck Type: PU
Route: RODRIGUEZ/RODRIGUES CONST

Service Site:
Comment:

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Commercial Refuse (MB)	8.21	TON

Driver: _____

Weighmaster: Robert Slomba

MODERN Corporation

3675 Jeffery Boulevard
Blasdell, NY 14219
7167548226

17

NW Contracting

Task 1524

Ticket: 1003282410
Date: 1/26/2023
Time: 10:22:12 - 10:38:28

			Scale
Gross:	49920 POU	In	Scale NEI_IP
Tare:	29560 POU	Out	Scale NEI_IP
Net:	20360 POU		

Truck: SLIVER-ROD
Customer: 0415590010/RODRIGUEZ CONSTRUC

Truck Type: PU
Route: RODRIGUEZ/RODRIGUES CONST

Service Site:
Comment:

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Commercial Refuse (MB)	10.18	TON

Driver: _____

Weighmaster: Robert Slomba

MODERN Corporation

41

NW Contracting
Task 1525

3675 Jeffery Boulevard
Blasdell, NY 14219
7167548226

Ticket: 1003282373
Date: 1/26/2023
Time: 09:18:39 - 09:38:55

			Scale
Gross:	48700 POU	In	Scale NEI_IP
Tare:	29980 POU	Out	Scale NEI_IP
Net:	18720 POU		

Truck: RODRIGUEZ
Customer: 0415590010/RODRIGUEZ CONSTRUC

Truck Type: PU
Route: RODRIGUEZ/RODRIGUES CONST

Service Site:
Comment:

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Commercial Refuse (MB)	9.36	TON

Driver: _____

Weighmaster: Robert Slomba

MODERN
Corporation

5 Jeffery Boulevard
dell, NY 14219
7548226

41

NW Contracting

Task 1537

Ticket: 1003282833
Date: 1/27/2023
Time: 11:03:47 - 11:19:05

			Scale
Gross:	41100 POU	In	Scale NEI_IP
Tare:	31300 POU	Out	Scale NEI_IP
Net:	9800 POU		

Truck: SLIVER-ROD
Customer: 0415590010/RODRIGUEZ CONSTRUC

Truck Type: PU
Route: RODRIGUEZ/RODRIGUES CONST

Service Site:
Comment:

gin	Materials & Services	Quantity	Unit
0200/Buffalo	DC Commercial Refuse (MB)	4.90	TON

Driver: _____

Weighmaster: Robert Slomba

ATTACHMENT 2

2021/2022 IMPORT TICKETS

21-277 ECHDC Port Greenbelt Erosion Control Stone & Trucking Log

Date	Material	Tonnage	Cu Yards	Ticket #	Hauled By	
1/12/2022	SEL R/R	22.21		126389	Tracey Trucking	
1/12/2022	SEL R/R	24.37		126425	Tracey Trucking	
1/12/2022	SEL R/R	22.98		126464	Tracey Trucking	
1/12/2022	SEL R/R	21.71		126499	Tracey Trucking	
Total 1/12						91.21
1/13/2022	SEL R/R	23.77		126544	Tracey Trucking	
1/13/2022	SEL R/R	23.43		126583	Tracey Trucking	
1/13/2022	SEL R/R	24.57		126616	Tracey Trucking	
1/13/2022	SEL R/R	21.55		126650	Tracey Trucking	
Total 1/13						93.32
2/16/2022	Heavy Stone	16.85		128203	Iroquois Bar	
2/16/2022	Heavy Stone	20.33		128249	Iroquois Bar	
2/16/2022	Heavy Stone	18.74		128283	Iroquois Bar	
2/16/2022	Heavy Stone	18.01		128328	Iroquois Bar	
2/16/2022	Heavy Stone	17.42		128338	Iroquois Bar	
2/16/2022	Heavy Stone	20.2		128345	Iroquois Bar	
Total 2/16						111.55
2/2/2022	Heavy Stone	20.57	127268		Iroquois Bar	
2/2/2022	Heavy Stone	20.64	127297		Iroquois Bar	
2/2/2022	Heavy Stone	19.79	127324		Iroquois Bar	
2/2/2022	Heavy Stone	17.77	127338		Iroquois Bar	
Total 2/2						78.77
11/23/2021	Heavy Stone	24.66	121652		Tracey Trucking	
11/23/2021	Heavy Stone	25.21	121612		Tracey Trucking	
Total 11/23						49.87
						424.72

Iroquois Bar Corp.
Dba Oneida Trucking
155 Commerce Drive
Lackawanna, New York 14218
Phone: (716) 270-0433
Fax: (716) 824-5313

IROQUOIS
MATERIALS · TRUCKING · CONSTRUCTION SERVICES

Mileage Finish: _____
Start: _____
_____
Gallons: _____

No. 95901 | Date: 2-16-22

Customer: Nature's WAY
Job: Outer Harbor Project
Truck No. 035 Driver Mike

LOAD LOCATION County Line Stone
DUMP LOCATION 325 Fuhrman Blvd.
MATERIAL Heavy rock (RipRap)
REMARKS 620.05 DOT.

Job Start 6:30 AM
Job Finish 3:00 PM
Travel Time 1-1/2 hr
☐ Lunch ☒ No Lunch
Total _____

LD #	TICKET #	WEIGHT	WAIT-TIME JOB IN - OUT	WAIT-TIME PLANT IN - OUT
1	128203	16.85	815 – 840	630 – 735
2	" 249	20.33	1035 – 1040	925 – 955
3	" 283	18.74	1230 – 1235	1125 – 1150
4	" 328	18.01	240 – 245	120 – 150
5			—	—
6			—	—
7			—	—
8			—	—

CUSTOMER COPY

128203

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc.

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK TOP**

P.O. _____ Ticket No. 128203

Customer NATURE'S WAY ENVIRONMENTAL Date 02/16/22

Job Site BUFFALO HARBOR STATE PARK Time 07:26:59

Job Site Id: 3106.037 Weight Master amyp

Deliver To _____

Customer Signature

Material RIP RAP SELECT

Pounds	Tons	Unit Price	Amount
33,700.00	16.85 TN		
	15.27 Mg		

Trucking

Hauler _____ Exempt Tax

IRU0035

Trucker _____ Total

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 1

Tonnage: 16.85

Our Responsibility Ends at the Scale

CUSTOMER COPY

128249

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc.

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK TOP**

P.O. _____ Ticket No. 128249

Customer NATURE'S WAY ENVIRONMENTAL Date 02/16/22

Job Site 21-259 OUTER HARBOR Time 09:51:51

Job Site Id: 3106.056 Weight Master bethp

Deliver To _____

Customer Signature

Material RIP RAP SELECT

Pounds	Tons	Unit Price	Amount
40,660.00	20.33 TN		
	18.42 Mg		

Trucking _____

Hauler _____ Exempt Tax _____

IR0035

Trucker _____ Total _____

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 2

Tonnage: 37.18

Our Responsibility Ends at the Scale

CUSTOMER COPY

128283

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc.

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK TOP**

P.O. _____ Ticket No. 128283

Customer NATURE'S WAY ENVIRONMENTAL Date 02/15/22

Job Site 21-259 OUTER HARBOR Time 11:45:06

Job Site Id: 3106.056 Weight Master bethp

Deliver To _____

Customer Signature

Material RIP RAP SELECT

Pounds	Tons	Unit Price	Amount
37,400.00	18.74 TN 16.98 Mg		

Trucking _____

Hauler _____ Exempt Tax _____
IRU035

Trucker _____ Total _____

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 3
Tonnage: 55.92

Our Responsibility Ends at the Scale

CUSTOMER COPY

128328

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc.

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK TOP**

P.O. _____ Ticket No. 128328

Customer NATURE'S WAY ENVIRONMENTAL Date 02/16/22

Job Site 21-259 OUTER HARBOR Time 13:47:32

Job Site Id: 3106.056 Weight Master bethp

Deliver To _____

Customer Signature

Material RIP RAP SELECT

Pounds	Tons	Unit Price	Amount
36,020.00	18.01 TN 16.32 Mg		
		Trucking	
		Exempt Tax	
		Total	

Hauler _____ TRUCK35

Trucker _____

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 4
Tonnage: 73.93

Our Responsibility Ends at the Scale

Iroquois Bar Corp.
Dba Oneida Trucking
155 Commerce Drive
Lackawanna, New York 14218
Phone: (716) 270-0433
Fax: (716) 824-5313

IROQUOIS
MATERIALS TRUCKING CONSTRUCTION SERVICES

Mileage Finish: _____
Start: _____
_____
Gallons: _____

No. 91112 | Date: ~~2/16/22~~ 2/16/22

Customer: Natures Way
Job: Outer Harbor
Truck No. 039 Driver Bob

LOAD LOCATION: County Line Stone
DUMP LOCATION: ~~Evans~~ Fuhrman Blvd
MATERIAL: Heavy Stone Rip Rap
REMARKS:

Job Start: 2:00
Job Finish: 3:30
Travel Time: _____
❑ Lunch ☒ No Lunch
Total: _____

LD #	TICKET #	WEIGHT	WAIT-TIME JOB IN - OUT	WAIT-TIME PLANT IN - OUT
1	128338	17.42	3:15 — 3:30	2:00 — 2:35
2			—	—
3			—	—
4			—	—
5			—	—
6			—	—
7			—	—

CUSTOMER COPY

128338

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc.

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK TOP**

P.O. _____ Ticket No. 128338

Customer NATURE'S WAY ENVIRONMENTAL Date 02/16/22

Job Site 21-259 OUTER HARBOR Time 14:35:19

Job Site Id: 3106.056 Weight Master bethp

Deliver To _____

Customer Signature

Material RIP RAP SELECT

Pounds	Tons	Unit Price	Amount
34,840.00	17.42 TN 15.78 Mg		

Trucking

Hauler _____ Exempt Tax

1ro039

Trucker _____ Total

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 5
Tonnage: 91.35

Our Responsibility Ends at the Scale

Iroquois Bar Corp.
Dba Oneida Trucking
155 Commerce Drive
Lackawanna, New York 14218
Phone: (716) 270-0433
Fax: (716) 824-5313

IROQUOIS
MATERIALS TRUCKING CONSTRUCTION SERVICES

Mileage Finish: _____
Start: _____
_____
Gallons: _____

No. 90571 | Date: _____

Customer: Nature's Way
Job: Outer Harbor
Truck No. 040 Driver Jim C

LOAD LOCATION County line stone
DUMP LOCATION 325 Fuhrman Blvrd
MATERIAL D.O.T stone (Rip Rap)
REMARKS

Job Start 2:00 PM
Job Finish 4:00 PM
Travel Time 1 hour
☐ Lunch ☑ No Lunch
Total _____

LD #	TICKET #	WEIGHT	WAIT-TIME JOB IN - OUT	WAIT-TIME PLANT IN - OUT
1	128345	20.20	3:30 PM – 4:00 PM	2:05 PM – 2:55 PM
2			—	—
3			—	—
4			—	—
5			—	—
6			—	—
7			—	—

CUSTOMER COPY

128345

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc.

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK TOP**

P.O. _____ Ticket No. 128345

Customer NATURE'S WAY ENVIRONMENTAL Date 02/16/22

Job Site 21-259 OUTER HARBOR Time 14:48:29

Job Site Id: 3106.056 Weight Master bethp

Deliver To _____

Customer Signature

Material RIP RAP SELECT

Pounds	Tons	Unit Price	Amount
40,400.00	20.20 TN		
	18.30 Mg		

Trucking

Exempt

Hauler _____ Tax

1T0040

Trucker _____ Total

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 6

Tonnage: 111.55

Our Responsibility Ends at the Scale

CUSTOMER COPY

126

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK**

P.O. _____ Ticket No. 0001-- 13

Customer TRACEY TRUCKING Date 01/12

Job Site GREENBELT SHORELINE REST. PROJ. Time 07:54

Job Site Id: 4696.009

Weight Master amyp

Deliver To _____

Customer Signature

SEL. R/R

Material _____

Pounds	Tons	Unit Price	Amount
44,420.00	22.21 TN 20.12 Mn		

Trucking Exempt

Hauler TRACEY1

Tax

Trucker _____

Total

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 1

Tonnage: 22.21

Our Responsibility Ends at the Scale

CUSTOMER COPY

126

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK**

P.O. _____ Ticket No. 00001 126

Customer TRACEY TRUCKING Date 01/13

Job Site GREENBELT SHORELINE REST. PROJ. Time 10:00

Job Site Id: 4696.009 Weight Master bethp

Deliver To _____

Customer Signature

SEL. R/R

Material _____

Pounds	Tons	Unit Price	Amount
48,740.00	24.37 TN 22.00 Mg		

Trucking Exempt

Hauler TRACEY1

Tax

Trucker _____

Total

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 2

Tonnage: 46.58

Our Responsibility Ends at the Scale

CUSTOMER COPY

126

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK**

P.O. _____ Ticket No. 0001 126

Customer TRACEY TRUCKING Date 01/12

Job Site GREENBELT SHORELINE REST. PROJ. Time 11:50

Job Site Id: 4696.009 Weight Master bethp

Deliver To _____

Customer Signature

SEL. R/R

Material _____

Pounds	Tons	Unit Price	Amount
45,960.00	22.98 TN 20.82 Mg		

Trucking Exempt

Tax

Total

Hauler TRACEY1

Trucker _____

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. _____ Min.

Allowed _____

Amount _____ Hr. _____ Min.

REMARKS

Loads : 3

Tonnage: 69.56

Our Responsibility Ends at the Scale

CUSTOMER COPY

126

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK**

P.O. _____ Ticket No. 126

Customer TRACEY TRUCKING Date 01/12

Job Site GREENBELT SHORELINE REST. PROJ Time 13:43

Job Site Id: 4696.009 Weight Master bethp

Deliver To _____

Customer Signature

Material SEL. R/R

Pounds	Tons	Unit Price	Amount
43,424.00	21.71 TN 19.67 Mg		

Trucking

Hauler TRACEY1

Exempt Tax

Trucker _____

Total

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. _____ Min.

Allowed _____

Amount _____ Hr. _____ Min.

REMARKS

Loads : 4

Tonnage: 91.27

Our Responsibility Ends at the Scale

CUSTOMER COPY

126

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK**

P.O. _____ Ticket No. 126

Customer TRACEY TRUCKING Date 01/13

Job Site GREENBELT SHORELINE REST. PROJ. Time 07:29

Job Site Id: 4696.009 Weight Master amyp

Deliver To _____

Customer Signature

Material SEL. R/R

Pounds	Tons	Unit Price	Amount
47,540.00	23.77 TN 21.54 Mg		

Trucking

Hauler TRACEY1

Tax Exempt

Trucker _____

Total

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 1

Tonnage: 23.77

Our Responsibility Ends at the Scale

CUSTOMER COPY

126

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK**

P.O. _____ Ticket No. 126

Customer TRACEY TRUCKING Date 01/1

Job Site GREENBELT SHORELINE REST. PROJ Time 09:3

Job Site Id: 4696.009 Weight Master beth

Deliver To _____

Customer Signature

Material SEL. R/R

Pounds	Tons	Unit Price	Amount
46,860.00	23.43 TN		
	21.23 Mg		

Trucking

Hauler TRACEY1

Exempt Tax

Trucker _____

Total

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 2

Tonnage: 47.20

Our Responsibility Ends at the Scale

CUSTOMER COPY

126

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK**

P.O. _____ Ticket No. 126

Customer TRACEY TRUCKING Date 01/13

Job Site GREENBELT SHORELINE REST. PROJ. Time 11:29

Job Site Id: 4696.009 Weight Master bethp

Deliver To _____

Customer Signature

Material SEL. R/R

Pounds	Tons	Unit Price	Amoun
49,140.00	24.57 TN 22.26 Mg		

Trucking

Exempt

Hauler TRACEY1 Tax

Trucker _____ Total

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 3

Tonnage: 71.7

Our Responsibility Ends at the Scale

CUSTOMER COPY

126

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK**

P.O. _____ 0001 Ticket No. 126

Customer TRACEY TRUCKING Date 01/13

Job Site GREENBELT SHORELINE REST. PROJ Time 13:32

Job Site Id: 4696.009 Weight Master bethp

Deliver To _____

Customer Signature

Material SEL. R/R

Pounds	Tons	Unit Price	Amoun
43,100.00	21.55 TN 19.52 Mg		
		Trucking	
		Exempt Tax	
		Total	

Hauler TRACEYI

Trucker _____

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. _____ Min.

Allowed _____

Amount _____ Hr. _____ Min.

REMARKS

Loads : 4

Tonnage: 93.3

Our Responsibility Ends at the Scale

CUSTOMER COPY

127

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK**

P.O. _____ Ticket No. 127

Customer NATURE'S WAY ENVIRONMENTAL Date 02/02

Job Site _____ Time 07:37

Job Site Id: 3106.000 Weight Master bethp

Deliver To _____

Customer Signature

Material RIP RAP SELECT

Pounds	Tons	Unit Price	Amount
41,140.00	20.57 TN		
	18.64 Mg		
		Trucking	
Hauler _____ IR0035		Exempt Tax	
Trucker _____		Total	

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____
Arrive Job _____
Difference _____ Hr. Min.
Allowed _____
Amount _____ Hr. Min.

REMARKS

Loads : 1
Tonnage: 20.57

Our Responsibility Ends at the Scale

CUSTOMER COPY

127

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK**

P.O. _____ Ticket No. 127

Customer NATURE'S WAY ENVIRONMENTAL Date 02/02

Job Site _____ Time 10:18

Job Site Id: 3106.000 Weight Master bethp

Deliver To _____

Customer Signature

Material RIP RAP SELECT

Pounds	Tons	Unit Price	Amount
41,280.00	20.64 TN 18.70 Mg		
		Trucking	
		Exempt Tax	
		Total	

Hauler _____ IR0035

Trucker _____

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 2
Tonnage: 41.21

Our Responsibility Ends at the Scale

CUSTOMER COPY

127

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK**

P.O. _____ Ticket No. 127

Customer NATURE'S WAY ENVIRONMENTAL Date 02/02

Job Site _____ Time 12:46

Job Site Id: 3106.000 Weight Master bethp

Deliver To _____

Customer Signature

Material RIP RAP SELECT

Pounds	Tons	Unit Price	Amount
39,580.00	19.79 TN		
	17.93 Mg		

Trucking

Hauler _____ Exempt Tax

IR0035

Trucker _____ Total

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 3

Tonnage: 61.00

Our Responsibility Ends at the Scale

CUSTOMER COPY

127

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK**

P.O. _____ Ticket No. 127

Customer NATURE'S WAY ENVIRONMENTAL Date 03/02

Job Site _____ Time 14:33

Job Site Id: 3106.000 Weight Master bethp

Deliver To _____

Customer Signature

Material RIP RAP SELECT

Pounds	Tons	Unit Price	Amoun
35,540.00	17.77 TN		
	16.10 Mg		
		Trucking	
		Exempt Tax	
		Total	

Hauler _____ IR0035

Trucker _____

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. _____ Min.

Allowed _____

Amount _____ Hr. _____ Min.

REMARKS

Loads : 4

Tonnage: 78.7

Our Responsibility Ends at the Scale

CUSTOMER COPY

121612

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc.

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK TOP**

P.O. _____ Ticket No. 121612

Customer TRACEY TRUCKING Date 11/23/21

Job Site GREENBELT SHORELINE REST. PROJ Time 09:54:58

Job Site Id: 4696.009 Weight Master bethp

Deliver To _____

Customer Signature

Material SEL. R/R

Pounds	Tons	Unit Price	Amount
50,420.00	25.21 TN 22.84 Mg		

Trucking Exempt

Tax

Total

Hauler TRACEY67

Trucker _____

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 4

Tonnage: 96.36

Our Responsibility Ends at the Scale

TRUCKERS COPY

121652

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc.

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK TOP**

P.O. _____ 0001 Ticket No. 121652

Customer TRACEY TRUCKING Date 11/23/21

Job Site GREENBELT SHORELINE REST. PROJ Time 11:53:31

Job Site Id: 4696.009 Weight Master bethp

Deliver To _____

Customer Signature

SEL. R/R

Material _____

Pounds	Tons	Unit Price	Amount
49,320.00	24.66 TN		
	22.34 My		

Trucking Exempt

Hauler TRACEY67 Tax

Trucker _____ Total

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 7

Tonnage: 160.60

Our Responsibility Ends at the Scale

DELIVERY COPY

1216

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc.

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK TO**

P.O. _____ Ticket No. 0001 -- 12161

Customer TRACEY TRUCKING Date 11/23/2

Job Site GREENBELT SHORELINE REST. PROJ Time 09:54:5

Job Site Id: 4696.009 Weight Master bethp

Deliver To _____

Customer Signature

SEL. R/R

Material _____

Pounds	Tons	Unit Price	Amount
50,420.00	25.21 TN 22.84 Mg		

Trucking Exempt

Hauler TRACEYS7

Tax

Trucker _____

Total

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. Min.

Allowed _____

Amount _____ Hr. Min.

REMARKS

Loads : 4

Tonnage: 96.36

Our Responsibility Ends at the Scale

DELIVERY COPY

1216

PHONE: 542-5435
FAX: 542-5442

County Line STONE Co., Inc.

CRITTENDEN ROAD • P.O. BOX 150 • AKRON, N.Y. 14001
one mile south of N.Y.S. Thruway

CRUSHED STONE **AG LIME** **BLACK T**

P.O. _____ Ticket No. 1216

Customer TRACEY TRUCKING Date 11/23/

Job Site GREENBELT SHORELINE REST. PROJ Time 11:53

Job Site To: 4696.009 Weight Master gethp

Deliver To _____

Customer Signature

Material _____

Pounds	Tons	Unit Price	Amount
49,320.00	24.66 TN 22.34 Mg		

Trucking Exempt

Hauler TRACEY67

Tax

Trucker _____

Total

Gross _____ Tare _____

Driver Signature

Waiting Time

Finish Job _____

Arrive Job _____

Difference _____ Hr. _____ Min.

Allowed _____

Amount _____ Hr. _____ Min.

REMARKS

Loads : 7

Tonnage: 166.60

Our Responsibility Ends at the Scale

ATTACHMENT 3

2023 IMPORT TICKETS

County Line STONE Co., Inc.

4515 CRITTENDEN ROAD • AKRON, NEW YORK 14001
PHONE: (716) 542-5435 FAX: (716) 542-5442

NATURE'S WAY ENVIRONMENTAL****
3553 CRITTENDEN ROAD++NEED PO*
ALDEN, NY 14004

Customer Invoice

Page: 1

Invoice Number: 150849
Delivered To: 3106.072
WINTER STORM ELLIOTT EMER.REPR
Tax Ex:16-1478991 23-050
Customer 3106.072
Purchase Order #:
Invoice Date: 04/15/23

Ticket	Date	Description	Code	QTY	UnitPrice	Transportation Rate	Transportation Amount	Extensi
196392	04/04/23	CR-2	M	22.83	TN	13.00		296.79
196393	04/04/23	CR-2	M	22.91	TN	13.00		297.83
196801	04/05/23	CR-2	M	22.36	TN	13.00		290.68
TOTAL		NO. OF LOADS: 3		68.10		ITEM TOTAL:	885.30	
196026	04/03/23	Q.RUN R/R	M	23.86	TN	40.00		954.40
196027	04/03/23	Q.RUN R/R	M	23.45	TN	40.00		938.00
196090	04/03/23	Q.RUN R/R	M	22.64	TN	40.00		905.60
196093	04/03/23	Q.RUN R/R	M	22.96	TN	40.00		918.40
196158	04/03/23	Q.RUN R/R	M	22.56	TN	40.00		902.40
196161	04/03/23	Q.RUN R/R	M	23.60	TN	40.00		944.00
196223	04/03/23	Q.RUN R/R	M	23.53	TN	40.00		941.20
196226	04/03/23	Q.RUN R/R	M	23.07	TN	40.00		922.80
196778	04/05/23	Q.RUN R/R	M	23.49	TN	40.00		939.60
196818	04/05/23	Q.RUN R/R	M	23.40	TN	40.00		936.00
TOTAL		NO. OF LOADS: 10		232.56		ITEM TOTAL:	9,302.40	
196033	04/03/23	SEL.R/R	M	24.04	TN	40.00		961.60
196103	04/03/23	SEL.R/R	M	23.38	TN	40.00		935.20
196176	04/03/23	SEL.R/R	M	24.20	TN •	40.00		968.00
196254	04/03/23	SEL.R/R	M	24.06	TN	40.00		962.40
196325	04/04/23	SEL.R/R	M	22.74	TN	40.00		909.60
196331	04/04/23	SEL.R/R	M	23.22	TN	40.00		928.80
196338	04/04/23	SEL.R/R	M	23.18	TN	40.00		927.20
196357	04/04/23	SEL.R/R	M	23.54	TN	40.00		941.60
196423	04/04/23	SEL.R/R	M	21.68	TN	40.00		867.20
196434	04/04/23	SEL.R/R	M	23.06	TN	40.00		922.40
196640	04/05/23	SEL.R/R	M	21.67	TN	40.00		866.80
196645	04/05/23	SEL.R/R	M	21.81	TN	40.00		872.40
196650	04/05/23	SEL.R/R	M	22.43	TN	40.00		897.20
196689	04/05/23	SEL.R/R	M	23.21	TN	40.00		928.40
196693	04/05/23	SEL.R/R	M	23.53	TN	40.00		941.20
196714	04/05/23	SEL.R/R	M	21.02	TN	40.00		840.80
196763	04/05/23	SEL.R/R	M	23.07	TN	40.00		922.80
196775	04/05/23	SEL.R/R	M	22.21	TN	40.00		888.40
197868	04/11/23	SEL.R/R	M	23.41	TN	40.00		936.40
197884	04/11/23	SEL.R/R	M	20.16	TN	40.00		806.40
197888	04/11/23	SEL.R/R	M	22.41	TN	40.00		896.40
197941	04/11/23	SEL.R/R	M	23.88	TN	40.00		955.20
197948	04/11/23	SEL.R/R	M	20.73	TN	40.00		829.20
197954	04/11/23	SEL.R/R	M	22.92	TN	40.00		916.80
197978	04/11/23	SEL.R/R	M	21.50	TN	40.00		860.00
198007	04/11/23	SEL.R/R	M	23.92	TN	40.00		956.80
198024	04/11/23	SEL.R/R	M	20.80	TN	40.00		832.00
198031	04/11/23	SEL.R/R	M	23.06	TN	40.00		922.40
198063	04/11/23	SEL.R/R	M	21.70	TN	40.00		868.00
198087	04/11/23	SEL.R/R	M	25.72	TN	40.00		1,028.80
198108	04/11/23	SEL.R/R	M	21.80	TN	40.00		872.00
198132	04/11/23	SEL.R/R	M	24.29	TN	40.00		971.60
198249	04/12/23	SEL.R/R	M	24.44	TN	40.00		977.60
198276	04/12/23	SEL.R/R	M	20.83	TN	40.00		833.20
198282	04/12/23	SEL.R/R	M	20.17	TN	40.00		806.80
198288	04/12/23	SEL.R/R	M	21.42	TN	40.00		856.80
198375	04/12/23	SEL.R/R	M	24.17	TN	40.00		966.80
198380	04/12/23	SEL.R/R	M	20.26	TN	40.00		810.40
198386	04/12/23	SEL.R/R	M	19.82	TN	40.00		792.80

Medium - Wilkinson Purr

Heavy WP

Greenbelt

Service Charge of 2% per month will be applied to all open invoices over 30 days plus any legal fees incurred.

LOADS	TOTAL MATERIAL	TOTAL CARTAGE	WAITING TIME	TAX-1	TAX-2	PAY THIS AMOUNT

County Line STONE Co., Inc.

4515 CRITTENDEN ROAD • AKRON, NEW YORK 14001
PHONE: (716) 542-5435 FAX: (716) 542-5442

Customer Invoice

Page: 2

Invoice Number: 150849
Delivered To: 3106.072
WINTER STORM ELLIOTT EMER.REPR
Tax Ex:16-1478991
Customer 3106.072
Purchase Order #:
Invoice Date: 04/15/23

NATURE'S WAY ENVIRONMENTAL****
3553 CRITTENDEN ROAD++NEED PO*
ALDEN, NY 14004

23-050

Ticket	Date	Description	Code	QTY	UnitPrice	Transportation Rate	Amount	Extensi
198398	04/12/23	SEL.R/R	M	21.86	TN	40.00		874.40
198450	04/12/23	SEL.R/R	M	25.05	TN	40.00		1,002.00
198472	04/12/23	SEL.R/R	M	21.02	TN	40.00		840.80
198479	04/12/23	SEL.R/R	M	20.10	TN	40.00		804.00
198503	04/12/23	SEL.R/R	M	21.55	TN	40.00		862.00
198546	04/12/23	SEL.R/R	M	23.59	TN	40.00		943.60
198592	04/12/23	SEL.R/R	M	19.89	TN	40.00		795.60
198595	04/12/23	SEL.R/R	M	20.13	TN	40.00		805.20
198597	04/12/23	SEL.R/R	M	21.49	TN	40.00		859.60
198695	04/13/23	SEL.R/R	M	22.39	TN	40.00		895.60
198703	04/13/23	SEL.R/R	M	22.13	TN	40.00		885.20
198704	04/13/23	SEL.R/R	M	23.73	TN	40.00		949.20
198782	04/13/23	SEL.R/R	M	23.28	TN	40.00		931.20
198789	04/13/23	SEL.R/R	M	21.31	TN	40.00		852.40
198798	04/13/23	SEL.R/R	M	23.41	TN	40.00		936.40
198864	04/13/23	SEL.R/R	M	22.42	TN	40.00		896.80
198874	04/13/23	SEL.R/R	M	22.37	TN	40.00		894.80
198884	04/13/23	SEL.R/R	M	23.52	TN	40.00		940.80
198947	04/13/23	SEL.R/R	M	23.05	TN	40.00		922.00
198950	04/13/23	SEL.R/R	M	21.70	TN	40.00		868.00
198966	04/13/23	SEL.R/R	M	23.27	TN	40.00		930.80
199088	04/14/23	SEL.R/R	M	22.13	TN	40.00		885.20
199092	04/14/23	SEL.R/R	M	22.71	TN	40.00		908.40
199109	04/14/23	SEL.R/R	M	24.24	TN	40.00		969.60
199118	04/14/23	SEL.R/R	M	20.99	TN	40.00		839.60
199124	04/14/23	SEL.R/R	M	23.42	TN	40.00		936.80
199211	04/14/23	SEL.R/R	M	23.27	TN	40.00		930.80
199221	04/14/23	SEL.R/R	M	22.87	TN	40.00		914.80
199232	04/14/23	SEL.R/R	M	23.35	TN	40.00		934.00
199243	04/14/23	SEL.R/R	M	23.35	TN	40.00		934.00
199302	04/14/23	SEL.R/R	M	22.61	TN	40.00		904.40
199311	04/14/23	SEL.R/R	M	22.09	TN	40.00		883.60
199321	04/14/23	SEL.R/R	M	23.58	TN	40.00		943.20
199331	04/14/23	SEL.R/R	M	23.19	TN	40.00		927.60
199403	04/14/23	SEL.R/R	M	24.10	TN	40.00		964.00
199407	04/14/23	SEL.R/R	M	23.43	TN	40.00		937.20
199424	04/14/23	SEL.R/R	M	22.49	TN	40.00		899.60
199430	04/14/23	SEL.R/R	M	23.30	TN	40.00		932.00
199434	04/14/23	SEL.R/R	M	24.08	TN	40.00		963.20

Greenbelt

TOTALInvoiced pricing reflects a cash discount 1,761.92 ITEM TOTAL: 70,476.80

– Review tons with delivery slips.

BRV

885.30
9,302.40
70,476.80
80,664.50 ✓

Service Charge of 2% per month will be applied to all open invoices over 30 days plus any legal fees incurred.

LOADS	TOTAL MATERIAL	TOTAL CARTAGE	WAITING TIME	TAX-1 NYE	TAX-2	PAY THIS AMOUNT
91	80,664.50	0.00	0.00	0.00	0.00	80,664.50

NW Contracting
3553 Crittenden Road
Alden , NY , 14004
Tel: 716-937-6527

No Pete

SELECT FILL

Date 4 / 28 /20 23

CUSTOMERS ORDER NO ECHDC START TIME

SOLD TO LUNCH OR HOLD

ADDRESS Greenbelt STOP TIME

ORIGIN TOTAL HOURS

DELIVERED TO

TRUCK NO.	TRAILER NO/BODY TYPE	DRIVER
Pete		Tom

	QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	IIII	15 yard loads		
2	IIII			
3	IIII			
4	1			
5				
6				
7				
8				
9				
GROSS	16	loads		
TARE				
NET	240	Yards		

A FINANCIAL CHARGE OF 1/2% PER MONTH WHICH IS AN ANNUAL PERCENTAGE RATE OF 18% APPLIED AGAINST ACCOUNTS 30 DAYS PAST DUE AND OVER.
- ALL CLAIMS AND RETURNS MUST BE ACCOMPANIED BY THIS BILL-

RECEIVED BY

NW Contracting
3553 Crittenden Road
Alden , NY , 14004
Tel: 716-937-6527

No Pete

SELECT FILL

Date 4 / 27 /20 23

CUSTOMERS ORDER NO ECHPC START TIME

SOLD TO LUNCH OR HOLD

ADDRESS Greenbelt Trail STOP TIME

ORIGIN TOTAL HOURS

DELIVERED TO

TRUCK NO.	TRAILER NO/BODY TYPE	DRIVER Luke

	QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	~~LHT~~	@ 15 yard loads		
2	~~LHT~~			
3	11			
4				
5				
6				
7				
8				
9				
GROSS 12		loads		
TARE				
NET 190		yards		

A FINANCIAL CHARGE OF 1/2% PER MONTH WHICH IS AN ANNUAL PERCENTAGE RATE OF 18% APPLIED AGAINST ACCOUNTS 30 DAYS PAST DUE AND OVER.
- ALL CLAIMS AND RETURNS MUST BE ACCOMPANIED BY THIS BILL-

RECEIVED BY

NW Contracting
3553 Crittenden Road
Alden , NY , 14004
Tel: 716-937-6527

No Sterling

SELECT FILL

Date 4 / 27 /20 23

CUSTOMERS ORDER NO ECHDC

START TIME 7am

SOLD TO

LUNCH OR HOLD 3pm

ADDRESS Greenbelt Trail

STOP TIME

ORIGIN

TOTAL HOURS

DELIVERED TO

TRUCK NO. Sterling	TRAILER NO/BODY TYPE	DRIVER Tom

	QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	~~LHT~~	7 Yard loads		
2	~~LHT~~			
3	~~LHT~~			
4	11			
5				
6				
7				
8				
9				
GROSS	17	Yards		
TARE				
NET	119	Yards		

A FINANCIAL CHARGE OF 1/2% PER MONTH WHICH IS AN ANNUAL PERCENTAGE RATE OF 18% APPLIED AGAINST ACCOUNTS 30 DAYS PAST DUE AND OVER.
- ALL CLAIMS AND RETURNS MUST BE ACCOMPANIED BY THIS BILL-

RECEIVED BY

NW Contracting
3553 Crittenden Road
Alden , NY , 14004
Tel: 716-937-6527

No Pete

SELECT FILL

Date 4 / 26 /20 23

CUSTOMERS ORDER NO ECHDC START TIME 7 am

SOLD TO _____ LUNCH OR HOLD _____

ADDRESS Greenbelt STOP TIME _____

ORIGIN _____ TOTAL HOURS _____

DELIVERED TO _____

TRUCK NO.	TRAILER NO/BODY TYPE	DRIVER
Pete		Luke L

	QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	~~HHT~~	15 yard loads		
2	~~HHT~~			
3	1			
4				
5				
6				
7				
8				
9				
GROSS 11				
TARE				
NET 165	yards			

A FINANCIAL CHARGE OF 1/2% PER MONTH WHICH IS AN ANNUAL PERCENTAGE RATE OF 18% APPLIED AGAINST ACCOUNTS 30 DAYS PAST DUE AND OVER.
- ALL CLAIMS AND RETURNS MUST BE ACCOMPANIED BY THIS BILL-

RECEIVED BY _____

NW Contracting
3553 Crittenden Road
Alden , NY , 14004
Tel: 716-937-6527

No Sterling

SELECT FILL

Date 4 / 26 /20 23

CUSTOMERS ORDER NO ECHDC START TIME 7am

SOLD TO _____ LUNCH OR HOLD _____

ADDRESS Greebelt trail Erosion STOP TIME _____

ORIGIN _____ TOTAL HOURS _____

DELIVERED TO _____

TRUCK NO.	TRAILER NO/BODY TYPE	DRIVER
Sterling		Tom

	QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	++++	7 yard load		
2	++++			
3	1			
4				
5				
6				
7				
8				
9				
GROSS	11	Loads		
TARE				
NET	77	Yards		

A FINANCIAL CHARGE OF 1/2% PER MONTH WHICH IS AN ANNUAL PERCENTAGE RATE OF 18% APPLIED AGAINST ACCOUNTS 30 DAYS PAST DUE AND OVER.
- ALL CLAIMS AND RETURNS MUST BE ACCOMPANIED BY THIS BILL-

RECEIVED BY _____

Laubacker Enterprises, Inc.

528 62nd Street
Niagara Falls, NY 14304

Invoice

Date	Invoice #
5/22/2023	2373

Bill To
NW Contracting 3553 Crittenden Rd Alden, NY 14004

23-050

P.O. No.	Terms	Project
6894	Net 30	1045 225 Fuhrmann Blvd

Quantity	Description	Rate	Amount
9.25	5/16/23 Trucking 7:00am - 3:15pm plus 1 hr travel.	130.00	1,202.50
20	5/16/23 Yards Topsoil - Ticket 20201	42.50	850.00
20	5/16/23 Yards Topsoil - Ticket 20207	42.50	850.00
20	5/16/23 Yards Topsoil - Ticket 20214	42.50	850.00
20	5/16/23 Yards Topsoil - Ticket 20216 = 120 yards	42.50	850.00
20	5/16/23 Yards Topsoil - Ticket 20218	42.50	850.00
20	5/16/23 Yards Topsoil - Ticket 20219	42.50	850.00
9	5/17/23 Trucking 7:30am - 3:30pm plus 1 hr travel.	130.00	1,170.00
20	5/17/23 Yards Topsoil - Ticket 20228	42.50	850.00
20	5/17/23 Yards Topsoil - Ticket 20231	42.50	850.00
20	5/17/23 Yards Topsoil - Ticket 20234	42.50	850.00
20	5/17/23 Yards Topsoil - Ticket 20236 = 140 yards	42.50	850.00
20	5/17/23 Yards Topsoil - Ticket 20242	42.50	850.00
20	5/17/23 Yards Topsoil - Ticket 20243	42.50	850.00
20	5/17/23 Yards Topsoil - Ticket 20245	42.50	850.00
	= 260 yards total		
	Sub 2,372.50		
	Material 11,050.00		
	13,422.50		
	Total		$13,422.50 ✓

716.998.6691

SDVOSB credits

BRV

Laubacker Enterprises, Inc.
528 62nd Street
Niagara Falls, NY 14304
Phone: 716-579-6522
DUNS# NY 055623665

Laubacker
ENTERPRISES, INC.
DUMP TRUCK SERVICES • CONCRETE
EROSION CONTROL

Certified Service-Disabled Veteran-Owned Business

320

Date: 5-16-23

Customer: NG Trucking

Job: 225 Furman Blvd.

Hired Truck Company: _____ TRK # Driver 401

LOAD LOCATION Ponce yard/Woodhuts.

DUMP LOCATION 225 Furman Blvd.

MATERIAL Top Soil

REMARKS _____

Job Start 7:00

Job Finish 3:15

Travel Time 1 HR

☐ Lunch ☐ No Lunch

Total ~~7.25~~ 7.25

LD#	TICKET #	WEIGHT	WAIT-TIME LOAD IN-OUT	WAIT-TIME UNLOAD IN-OUT
1	20201	20 yds	7:00 – 7:55	8:10 –
2	20207	20 yds	8:40 – 9:00	–
3	20214	20 yds	11:10 – 11:40	–
4	20216	20 yds	12:10 – 12:40	–
5	20218	20 yds	1:30 – 1:45	–
6	20219	20 yds	2:35 – 2:50	3:05 –
7			–	–
8			–	–
9			–	–
10			–	–
11			–	–
12			–	–
13			–	–
14			–	–
15			–	–

Customer Signature: _____

Laubacker Enterprises, Inc.
528 62nd Street • Niagara Falls, NY 14304 • Phone: 716-579-6522

ATTACHMENT 4

SELECT FILL IMPORT REQUEST

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 9
700 Delaware Avenue, Buffalo, NY 14209
P: (716) 851-7220 | F: (716) 851-7226
www.dec.ny.gov

May 29, 2024

Martin Wesolowski
The LiRo Group
690 Delaware Avenue
Buffalo, New York 14209

Dear Martin Wesolowski:

Site Management (SM)
Import Request
NFTA Outer Harbor Greenbelt
Buffalo, Erie County, Site No.: **B00149**

The Department has reviewed your request dated May 14, 2024 to import approximately 500-800 cubic yards of soil from Joseph Davis State Park. Based on the information provided, the request is hereby approved.

The proposed material meets restricted residential soil cleanup objectives as provided in Appendix 5 of DER-10 and the guidance document "Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs." Therefore, this material may be placed below the demarcation barrier or above the demarcation layer as part of final site cover.

Testing in accordance with DER-10 and approval by the Department is required for any additional material imported from this source.

If you have any questions, please contact me at 716-851-7220 or email: megan.kuczka@dec.ny.gov.

Sincerely,

Megan Kuczka
Environmental Program Specialist – 1

ec: Chris Catanzaro – ECHDC
Brice Reed – NW Contracting

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 500-800

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Initial sampling was completed by NW Contracting and approved on April 4, 2023 by Letter-Correspondence.ERP.B00149.2023-04-04.Import_Request_Accept

Additional sample were collected on April 26, 2024 from the Joseph Davis State Park select fill stockpile. The following additional sampling was conducted:
5 - Discrete VOCs
1 - Composite SVOCs, inorganics & PCBs/pesticides
1 - PFAS

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Evaluation tables and sampling results for the additional sampling are attached

---

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

NYS Parks

Location where fill was obtained:

Joseph Davis State park

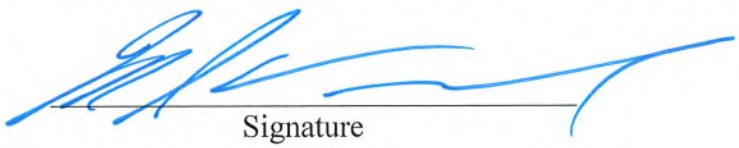
Identification of any state or local approvals as a fill source:

Letter-Correspondence.ERP.B00149.2023-04-04.Import_Request_Accept

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.



Signature

5/13/2024

Date

Martin Wesolowski

Print Name

LiRo Engineers, Inc.

Firm

Revised August 2014

Table 1. Summary of Target Compound List (TCL) Volatile Organic Compounds (VOCs) in Soil

TCL VOC	Part 375-6.8 (b) Restricted Use (Track 2) Commercial Soil Cleanup Objectives (SCOs)	Sample ID and Date Collected				
		VOCs 1	VOCs 2	VOCs 3	VOCs 4	VOCs 5
		4/26/2024	4/26/2024	4/26/2024	4/26/2024	4/26/2024
1,2,4-Trimethylbenzene	190,000	<6.67	<6.60	<8.00	<8.51	<8.41
1,3,5-Trimethylbenzene	190,000	<6.67	<6.60	<8.00	<8.51	<8.41
Benzene	44,000	<6.67	<6.60	<8.00	<8.51	<8.41
Ethylbenzene	390,000	<6.67	<6.60	<8.00	<8.51	<8.41
Isopropylbenzene	NS	<6.67	<6.60	<8.00	<8.51	<8.41
Methyl-tert-butyl ether	500,000	<6.67	<6.60	<8.00	<8.51	<8.41
Naphthalene	NS	<16.7	<16.5	<20.0	<21.3	<21.0
n-Butylbenzene	NS	<6.67	<6.60	<8.00	<8.51	<8.41
n-Propylbenzene	500,000	<6.67	<6.60	<8.00	<8.51	<8.41
o-Xylene	NS	<6.67	<6.60	<8.00	<8.51	<8.41
p-Isopropyltoluene	NS	<6.67	<6.60	<8.00	<8.51	<8.41
sec-Butylbenzene	500,000	<6.67	<6.60	<8.00	<8.51	<8.41
tert-Butylbenzene	500,000	<6.67	<6.60	<8.00	<8.51	<8.41
Toluene	500,000	<6.67	<6.60	<8.00	<8.51	<8.41
Xylene (Mixed)	500,000	<6.67	<6.60	<8.00	<8.51	<8.41
Total VOCs	NS	0	0	0	0	0

Notes:
All concentrations are reported in parts per billion (ppb or ug/kg)
NS = No Standard
SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (December 14, 2006).

Table 2. Summary of Polycyclic Aromatic Hydrocarbons (PAHs) in Soil

PAHs	Part 375-6.8 (b) Restricted Use (Track 2) Commercial Soil Cleanup Objectives (SCOs)	Sample ID and Date Collected
		Composite
		4/26/2024
Acenaphthene	500,000	<292
Acenaphthylene	500,000	<292
Anthracene	500,000	<292
Benzo(a)anthracene	5,600	378
Benzo(a)pyrene	1,000	399
Benzo(b)fluoranthene	5,600	438
Benzo(g,h,i)perylene	500,000	<292
Benzo(k)fluoranthene	56,000	293
Chrysene	56,000	436
Dibenz[a,h]anthracene	560	<292
Flouranthene	500,000	707
Fluorene	500,000	<292
Indeno(1,2,3-cd)pyrene	5,600	711
Napthalene	500,000	<292
Phenanthrene	500,000	409
Pyrene	500,000	647
Total PAHs	NS	4,418

Notes:
All concentrations are reported in parts per billion (ppb or ug/kg)
NS = No Standard
PAHs = Polycyclic Aromatic Hydrocarbons
SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (December 14, 2006).

Table 3. Summary of Polychlorinated Biphenyls (PCBs) in Soil

PCBs	Part 375-6.8 (b) Restricted Use (Track 2) Commercial Soil Cleanup Objectives (SCOs)	Sample ID and Date Collected
		Composite
		4/26/2024
Aroclor 1016	NS	<0.174
Aroclor 1221	NS	<0.174
Aroclor 1232	NS	<0.174
Aroclor 1242	NS	<0.174
Aroclor 1248	NS	<0.174
Aroclor 1254	NS	0.199
Aroclor 1260	NS	<0.174
Aroclor 1262	NS	<0.174
Aroclor 1268	NS	<0.174
Total PCBs	1,000	0.199

Notes:
All concentrations are reported in parts per billion (ppb or ug/kg)
NS = No Standard
SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (December 14, 2006).

Table 4. Summary of Pesticides and Herbicides in Soil

Pesticides & Herbicides	Part 375-6.8 (b) Restricted Use (Track 2) Commercial Soil Cleanup Objectives (SCOs)	Sample ID and Date Collected
		Composite
		4/26/2024
2,4,5-T	NS	<319
2,4,5-TP (Silvex)	500,000	<319
2,4-D	NS	<1,280
Aldrin	680	<1.8
alpha-BHC	3,400	<1.8
beta-BHC	3,000	<1.8
delta-BHC	500,000	<1.8
gamma-BHC (Lindane)	9,200	<1.8
cis-Chlordane	NS	<1.8
4,4'-DDD	92,000	<3.5
4,4'-DDE	62,000	<3.5
4,4'-DDT	47,000	<3.5
Dieldrin	1,400	<3.5
Endosulfan1	200,000	<1.8
Endosulfan2	200,000	<3.5
Endosulfan sulfate	200,000	<3.5
Endrin	89,000	<3.5
Endrin aldehyde	NS	<3.5
Endrin ketone	NS	<3.5
Heptachlor	15,000	<1.8
Heptachlor epoxide	NS	<2.1
Methoxychlor	NS	<18
Toxaphene	NS	<180
trans-Chlordane	NS	<1.8
Total Pesticides	NS	0

Notes:
All concentrations are reported in parts per billion (ppb or ug/kg)
NS = No Standard
SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (December 14, 2006).

Table 5. Summary of Target Analyte List (TAL) Metals in Soil

Target Analyte List Metals	Part 375-6.8 (b) Restricted Use (Track 2) Commercial Soil Cleanup Objectives (SCOs)	Sample ID and Date Collected
		Composite
		4/26/2024
Aluminum	NS	8,010
Antimony	NS	7
Arsenic	16	6.687
Barium	400	216
Beryllium	590	0.574
Cadmium	9.3	3.74
Calcium	NS	48,100
Chromium (total)	1,500	36.2
Cobalt	NS	3.64
Copper	270	81.1
Iron	NS	16,400
Lead	1,000	279
Magnesium	NS	11,400
Manganese	10,000	930
Mercury	2.8	0.440
Nickel	310	14.0
Potassium	NS	1,170
Selenium	1,500	1.4
Silver	1,500	<0.508
Sodium	NS	180
Thallium	NS	<1.27
Vanadium	NS	14.9
Zinc	10,000	408

Notes:
All concentrations are in parts per million (ppm or mg/kg)
NS = No Standard
SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (December 14, 2006).

Table 6. Summary of Per- and Polyfluoroalkyl Substances (PFAS) in Soil

Per- and Polyfluoroalkyl Substances (PFAS)	Part 375-6.8 (b) Restricted Use (Track 2) Commercial Soil Cleanup Objectives (SCOs)	Sample ID and Date Collected
		PFAS
		4/26/2024
Perfluorobutanoic Acid (PFBA)	NS	ND
Perfluoropentanoic Acid (PFPeA)	NS	ND
Perfluorobutanesulfonic Acid (PFBS)	NS	ND
Perfluorohexanoic Acid (PFHxA)	NS	ND
Perfluoroheptanoic Acid (PFHpA)	NS	ND
Perfluorohexanesulfonic Acid (PFHxS)	NS	0.058 J
Perfluorooctanoic Acid (PFOA)	NS	0.078 J
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NS	ND
Perfluoroheptanesulfonic Acid (PFHpS)	NS	ND
Perfluorononanoic Acid (PFNA)	NS	ND
Perfluorooctanesulfonic Acid (PFOS)	NS	0.923
Perfluorodecanoic Acid (PFDA)	NS	ND
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NS	ND
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NS	ND
(NMeFOSAA)	NS	ND
Perfluoroundecanoic Acid (PFUnA)	NS	ND
Perfluorodecanesulfonic Acid (PFDS)	NS	ND
Perfluorooctanesulfonamide (PFOSA)	NS	ND
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NS	ND
(NEtFOSAA)	NS	ND
Perfluorododecanoic Acid (PFDoA)	NS	ND
Perfluorotridecanoic Acid (PFTrDA)	NS	1.00 J
Solids, Total	NS	91.4

Notes:
All concentrations are in nanograms per grams (ng/g)
ND = Compound not detected above method detection limit (see attached lab report for mdl's)
NS = No Standard
J = Esimated value

SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (December 14, 2006).

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

NWEC&C

For Lab Project ID

241850

Referencing

23-050

Prepared

Thursday, May 9, 2024

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below:

Portions of the enclosed report reflects analysis that has been subcontracted and are presented in their original form.

Emily Faimen

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 241850

Client: **NWEC&C**

Project Reference: 23-050

Sample Identifier: Composite
Lab Sample ID: 241850-01 **Date Sampled:** 4/26/2024 8:30
Matrix: Soil **Date Received** 4/26/2024

Herbicides

Analyte	Result	Units	Qualifier	Date Analyzed
2,4,5-T	<319	ug/Kg		4/30/2024
2,4,5-TP (Silvex)	<319	ug/Kg		4/30/2024
2,4-D	<1280	ug/Kg		4/30/2024

Method Reference(s): EPA 8321B
Subcontractor ELAP ID: 10709

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.440**	mg/Kg	DM	5/1/2024 10:44

Method Reference(s): EPA 7471B
Preparation Date: 4/30/2024
Data File: Hg240501A

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	**8010**	mg/Kg	D	5/1/2024 09:30
Antimony	**7.12**	mg/Kg	DM	5/1/2024 09:30
Arsenic	**6.67**	mg/Kg	D	5/1/2024 09:30
Barium	**216**	mg/Kg		5/1/2024 09:30
Beryllium	**0.574**	mg/Kg	D	5/1/2024 09:30
Cadmium	**3.74**	mg/Kg	M	5/1/2024 09:30
Calcium	**48100**	mg/Kg	D	5/2/2024 08:00
Chromium	**36.2**	mg/Kg	DM	5/1/2024 09:30
Cobalt	**3.64**	mg/Kg		5/1/2024 09:30
Copper	**81.1**	mg/Kg		5/1/2024 09:30
Iron	**16400**	mg/Kg	D	5/1/2024 09:30
Lead	**279**	mg/Kg	DM	5/1/2024 09:30
Magnesium	**11400**	mg/Kg		5/1/2024 09:30
Manganese	**930**	mg/Kg	D	5/2/2024 08:00

Sample Identifier: Composite
Lab Sample ID: 241850-01 **Date Sampled:** 4/26/2024 8:30
Matrix: Soil **Date Received** 4/26/2024

Nickel	**14.0**	mg/Kg		5/1/2024	09:30
Potassium	**1170**	mg/Kg		5/1/2024	09:30
Selenium	**1.40**	mg/Kg	D	5/1/2024	09:30
Silver	< 0.508	mg/Kg		5/1/2024	09:30
Sodium	**180**	mg/Kg	D	5/1/2024	09:30
Thallium	< 1.27	mg/Kg		5/1/2024	09:30
Vanadium	**14.9**	mg/Kg		5/1/2024	09:30
Zinc	**408**	mg/Kg	M	5/1/2024	09:30

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/30/2024
Data File: 240501A

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.174	mg/Kg		5/7/2024 19:22
PCB-1221	< 0.174	mg/Kg		5/7/2024 19:22
PCB-1232	< 0.174	mg/Kg		5/7/2024 19:22
PCB-1242	< 0.174	mg/Kg		5/7/2024 19:22
PCB-1248	< 0.174	mg/Kg		5/7/2024 19:22
PCB-1254	**0.199**	mg/Kg		5/7/2024 19:22
PCB-1260	< 0.174	mg/Kg		5/7/2024 19:22
PCB-1262	< 0.174	mg/Kg		5/7/2024 19:22
PCB-1268	< 0.174	mg/Kg		5/7/2024 19:22

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**55.5**	16.1 - 102		5/7/2024 19:22

Method Reference(s): EPA 8082A
EPA 3546
Preparation Date: 5/7/2024

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 292	ug/Kg		5/1/2024 14:10

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 241850

Client: **NWEC&C**

Project Reference: 23-050

Sample Identifier: Composite
Lab Sample ID: 241850-01 **Date Sampled:** 4/26/2024 8:30
Matrix: Soil **Date Received** 4/26/2024

Acenaphthylene	< 292	ug/Kg	5/1/2024	14:10
Anthracene	< 292	ug/Kg	5/1/2024	14:10
Benzo (a) anthracene	**378**	ug/Kg	5/1/2024	14:10
Benzo (a) pyrene	**399**	ug/Kg	5/1/2024	14:10
Benzo (b) fluoranthene	**438**	ug/Kg	5/1/2024	14:10
Benzo (g,h,i) perylene	< 292	ug/Kg	5/1/2024	14:10
Benzo (k) fluoranthene	**293**	ug/Kg	5/1/2024	14:10
Chrysene	**436**	ug/Kg	5/1/2024	14:10
Dibenz (a,h) anthracene	< 292	ug/Kg	5/1/2024	14:10
Fluoranthene	**707**	ug/Kg	5/1/2024	14:10
Fluorene	< 292	ug/Kg	5/1/2024	14:10
Indeno (1,2,3-cd) pyrene	**711**	ug/Kg	5/1/2024	14:10
Naphthalene	< 292	ug/Kg	5/1/2024	14:10
Phenanthrene	**409**	ug/Kg	5/1/2024	14:10
Pyrene	**647**	ug/Kg	5/1/2024	14:10

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
2-Fluorobiphenyl	**54.0**	37.9 - 87.2		5/1/2024	14:10
Nitrobenzene-d5	**51.6**	33.2 - 82.1		5/1/2024	14:10
Terphenyl-d14	**61.0**	45.9 - 96		5/1/2024	14:10

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 4/30/2024
Data File: B71122.D

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	<3.5	ug/Kg		4/30/2024
4,4-DDE	<3.5	ug/Kg		4/30/2024
4,4-DDT	<3.5	ug/Kg		4/30/2024
Aldrin	<1.8	ug/Kg		4/30/2024
alpha-BHC	<1.8	ug/Kg		4/30/2024
beta-BHC	<1.8	ug/Kg	L	4/30/2024

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 241850

Client: **NWEC&C**

Project Reference: 23-050

Sample Identifier: Composite
Lab Sample ID: 241850-01 **Date Sampled:** 4/26/2024 8:30
Matrix: Soil **Date Received** 4/26/2024

cis-Chlordane	<1.8	ug/Kg		4/30/2024
delta-BHC	<1.8	ug/Kg	LM	4/30/2024
Dieldrin	<3.5	ug/Kg	LM	4/30/2024
Endosulfan I	<1.8	ug/Kg	LM	4/30/2024
Endosulfan II	<3.5	ug/Kg	LM	4/30/2024
Endosulfan Sulfate	<3.5	ug/Kg	LM	4/30/2024
Endrin	<3.5	ug/Kg	LM	4/30/2024
Endrin Aldehyde	<3.5	ug/Kg	LM	4/30/2024
Endrin Ketone	<3.5	ug/Kg	LM	4/30/2024
gamma-BHC (Lindane)	<1.8	ug/Kg		4/30/2024
Heptachlor	<1.8	ug/Kg		4/30/2024
Heptachlor Epoxide	<2.1	ug/Kg	L	4/30/2024
Methoxychlor	<18	ug/Kg	LM	4/30/2024
Toxaphene	<180	ug/Kg		4/30/2024
trans-Chlordane	<1.8	ug/Kg		4/30/2024

Method Reference(s): EPA 8081B
Subcontractor ELAP ID: 10709

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 241850

Client: **NWEC&C**

Project Reference: 23-050

Sample Identifier:	VOC 1		
Lab Sample ID:	241850-02	**Date Sampled:** 4/26/2024	8:30
Matrix:	Soil	**Date Received** 4/26/2024	

Volatile Organics (Petroleum)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trimethylbenzene	< 6.67	ug/Kg		4/29/2024 14:29
1,3,5-Trimethylbenzene	< 6.67	ug/Kg		4/29/2024 14:29
Benzene	< 6.67	ug/Kg		4/29/2024 14:29
Ethylbenzene	< 6.67	ug/Kg		4/29/2024 14:29
Isopropylbenzene	< 6.67	ug/Kg		4/29/2024 14:29
m,p-Xylene	< 6.67	ug/Kg		4/29/2024 14:29
Methyl tert-butyl Ether	< 6.67	ug/Kg		4/29/2024 14:29
Naphthalene	< 16.7	ug/Kg		4/29/2024 14:29
n-Butylbenzene	< 6.67	ug/Kg		4/29/2024 14:29
n-Propylbenzene	< 6.67	ug/Kg		4/29/2024 14:29
o-Xylene	< 6.67	ug/Kg		4/29/2024 14:29
p-Isopropyltoluene	< 6.67	ug/Kg		4/29/2024 14:29
sec-Butylbenzene	< 6.67	ug/Kg		4/29/2024 14:29
tert-Butylbenzene	< 6.67	ug/Kg		4/29/2024 14:29
Toluene	< 6.67	ug/Kg		4/29/2024 14:29

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**94.3**	80.9 - 124		4/29/2024 14:29
4-Bromofluorobenzene	**90.0**	75.8 - 116		4/29/2024 14:29
Pentafluorobenzene	**98.0**	90.7 - 109		4/29/2024 14:29
Toluene-D8	**99.4**	90.1 - 109		4/29/2024 14:29

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: z23821.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 241850

Client: **NWEC&C**

Project Reference: 23-050

Sample Identifier:	VOCs 2		
Lab Sample ID:	241850-04	**Date Sampled:** 4/26/2024	8:30
Matrix:	Soil	**Date Received** 4/26/2024	

Volatile Organics (Petroleum)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trimethylbenzene	< 6.60	ug/Kg		4/29/2024 14:49
1,3,5-Trimethylbenzene	< 6.60	ug/Kg		4/29/2024 14:49
Benzene	< 6.60	ug/Kg		4/29/2024 14:49
Ethylbenzene	< 6.60	ug/Kg		4/29/2024 14:49
Isopropylbenzene	< 6.60	ug/Kg		4/29/2024 14:49
m,p-Xylene	< 6.60	ug/Kg		4/29/2024 14:49
Methyl tert-butyl Ether	< 6.60	ug/Kg		4/29/2024 14:49
Naphthalene	< 16.5	ug/Kg		4/29/2024 14:49
n-Butylbenzene	< 6.60	ug/Kg		4/29/2024 14:49
n-Propylbenzene	< 6.60	ug/Kg		4/29/2024 14:49
o-Xylene	< 6.60	ug/Kg		4/29/2024 14:49
p-Isopropyltoluene	< 6.60	ug/Kg		4/29/2024 14:49
sec-Butylbenzene	< 6.60	ug/Kg		4/29/2024 14:49
tert-Butylbenzene	< 6.60	ug/Kg		4/29/2024 14:49
Toluene	< 6.60	ug/Kg		4/29/2024 14:49

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**101**	80.9 - 124		4/29/2024 14:49
4-Bromofluorobenzene	**89.9**	75.8 - 116		4/29/2024 14:49
Pentafluorobenzene	**95.3**	90.7 - 109		4/29/2024 14:49
Toluene-D8	**96.9**	90.1 - 109		4/29/2024 14:49

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: z23822.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 241850

Client: **NWEC&C**

Project Reference: 23-050

Sample Identifier:	VOCs 3		
Lab Sample ID:	241850-05	**Date Sampled:** 4/26/2024	8:30
Matrix:	Soil	**Date Received** 4/26/2024	

Volatile Organics (Petroleum)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trimethylbenzene	< 8.00	ug/Kg		4/29/2024 15:08
1,3,5-Trimethylbenzene	< 8.00	ug/Kg		4/29/2024 15:08
Benzene	< 8.00	ug/Kg		4/29/2024 15:08
Ethylbenzene	< 8.00	ug/Kg		4/29/2024 15:08
Isopropylbenzene	< 8.00	ug/Kg		4/29/2024 15:08
m,p-Xylene	< 8.00	ug/Kg		4/29/2024 15:08
Methyl tert-butyl Ether	< 8.00	ug/Kg		4/29/2024 15:08
Naphthalene	< 20.0	ug/Kg		4/29/2024 15:08
n-Butylbenzene	< 8.00	ug/Kg		4/29/2024 15:08
n-Propylbenzene	< 8.00	ug/Kg		4/29/2024 15:08
o-Xylene	< 8.00	ug/Kg		4/29/2024 15:08
p-Isopropyltoluene	< 8.00	ug/Kg		4/29/2024 15:08
sec-Butylbenzene	< 8.00	ug/Kg		4/29/2024 15:08
tert-Butylbenzene	< 8.00	ug/Kg		4/29/2024 15:08
Toluene	< 8.00	ug/Kg		4/29/2024 15:08

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**99.4**	80.9 - 124		4/29/2024 15:08
4-Bromofluorobenzene	**91.8**	75.8 - 116		4/29/2024 15:08
Pentafluorobenzene	**97.7**	90.7 - 109		4/29/2024 15:08
Toluene-D8	**98.1**	90.1 - 109		4/29/2024 15:08

Method Reference(s): EPA 8260C
EPA 5035A - L

Data File: z23823.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 241850

Client: **NWEC&C**

Project Reference: 23-050

Sample Identifier: VOCs 4
Lab Sample ID: 241850-06 **Date Sampled:** 4/26/2024 8:30
Matrix: Soil **Date Received** 4/26/2024

Volatile Organics (Petroleum)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trimethylbenzene	< 8.51	ug/Kg		4/29/2024 15:28
1,3,5-Trimethylbenzene	< 8.51	ug/Kg		4/29/2024 15:28
Benzene	< 8.51	ug/Kg		4/29/2024 15:28
Ethylbenzene	< 8.51	ug/Kg		4/29/2024 15:28
Isopropylbenzene	< 8.51	ug/Kg		4/29/2024 15:28
m,p-Xylene	< 8.51	ug/Kg		4/29/2024 15:28
Methyl tert-butyl Ether	< 8.51	ug/Kg		4/29/2024 15:28
Naphthalene	< 21.3	ug/Kg		4/29/2024 15:28
n-Butylbenzene	< 8.51	ug/Kg		4/29/2024 15:28
n-Propylbenzene	< 8.51	ug/Kg		4/29/2024 15:28
o-Xylene	< 8.51	ug/Kg		4/29/2024 15:28
p-Isopropyltoluene	< 8.51	ug/Kg		4/29/2024 15:28
sec-Butylbenzene	< 8.51	ug/Kg		4/29/2024 15:28
tert-Butylbenzene	< 8.51	ug/Kg		4/29/2024 15:28
Toluene	< 8.51	ug/Kg		4/29/2024 15:28

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**97.1**	80.9 - 124		4/29/2024 15:28
4-Bromofluorobenzene	**91.1**	75.8 - 116		4/29/2024 15:28
Pentafluorobenzene	**95.2**	90.7 - 109		4/29/2024 15:28
Toluene-D8	**98.7**	90.1 - 109		4/29/2024 15:28

Method Reference(s): EPA 8260C
EPA 5035A - L
Data File: z23824.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 241850

Client: **NWEC&C**

Project Reference: 23-050

Sample Identifier: VOCs 5
Lab Sample ID: 241850-07 **Date Sampled:** 4/26/2024 8:30
Matrix: Soil **Date Received** 4/26/2024

Volatile Organics (Petroleum)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trimethylbenzene	< 8.41	ug/Kg		4/29/2024 15:47
1,3,5-Trimethylbenzene	< 8.41	ug/Kg		4/29/2024 15:47
Benzene	< 8.41	ug/Kg		4/29/2024 15:47
Ethylbenzene	< 8.41	ug/Kg		4/29/2024 15:47
Isopropylbenzene	< 8.41	ug/Kg		4/29/2024 15:47
m,p-Xylene	< 8.41	ug/Kg		4/29/2024 15:47
Methyl tert-butyl Ether	< 8.41	ug/Kg		4/29/2024 15:47
Naphthalene	< 21.0	ug/Kg		4/29/2024 15:47
n-Butylbenzene	< 8.41	ug/Kg		4/29/2024 15:47
n-Propylbenzene	< 8.41	ug/Kg		4/29/2024 15:47
o-Xylene	< 8.41	ug/Kg		4/29/2024 15:47
p-Isopropyltoluene	< 8.41	ug/Kg		4/29/2024 15:47
sec-Butylbenzene	< 8.41	ug/Kg		4/29/2024 15:47
tert-Butylbenzene	< 8.41	ug/Kg		4/29/2024 15:47
Toluene	< 8.41	ug/Kg		4/29/2024 15:47

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**96.1**	80.9 - 124		4/29/2024 15:47
4-Bromofluorobenzene	**90.2**	75.8 - 116		4/29/2024 15:47
Pentafluorobenzene	**96.8**	90.7 - 109		4/29/2024 15:47
Toluene-D8	**96.5**	90.1 - 109		4/29/2024 15:47

Method Reference(s): EPA 8260C
EPA 5035A - L
Data File: z23825.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **NWEC&C**

Project Reference: 23-050

Lab Project ID: 241850

Matrix: Soil

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	<0.00753	mg/Kg		5/1/2024 10:00

Method Reference(s): EPA 7471B
Preparation Date: 4/30/2024
Data File: Hg240501A
QC Batch ID: QC240430Hgsoil
QC Number: Blk 1

PARADIGM ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample and Control Sample Duplicate

Client: NWEC&C

Project Reference: 23-050

Lab Project ID: 241850

Matrix: Soil

Mercury

Analyte	LCS Added	LCSD Added	Spike Units	LCS Result	LCSD Result	LCS % Recovery	LCSD % Recovery	% Rec Limits	LCS Outliers	LCSD Outliers	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
Mercury	0.0780	0.0774	mg/Kg	0.0811	0.0921	104	119	80 - 120			13.6	20		5/1/2024

Method Reference(s): EPA 7471B
Preparation Date: 4/30/2024
Data File: Hg240501A
QC Number: 1
QC Batch ID: QC240430Hgsoil

Report Prepared Thursday, May 9, 2024

PARADIGM ENVIRONMENTAL SERVICES, INC.

QC Report for Sample Spike and Sample Duplicate

Client: NWEC&C **Lab Project ID:** 241850

Project Reference: 23-050

Lab Sample ID: 241850-01 **Date Sampled:** 4/26/2024
Sample Identifier: Composite **Date Received:** 4/26/2024
Matrix: Soil

Mercury

Analyte	Sample Results	Result Units	Spike Added	Spike Result	Spike % Recovery	% Rec Limits	Spike Outliers	Duplicate Result	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
Mercury	**0.440**	mg/Kg	0.0780	0.336	-133	75 - 125	*	0.306	35.9	20	*	5/1/2024

Method Reference(s): EPA 7471B
Preparation Date: 4/30/2024
Hg240501A
QC Batch ID: QC240430Hgsoil

NC = Not Calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added.

Report Prepared Thursday, May 9, 2024

PARADIGM ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **NWEC&C**
Project Reference: 23-050
Lab Project ID: 241850
Matrix: Soil

TAL Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed	
Aluminum	<4.81	mg/Kg		5/1/2024	09:10
Antimony	<2.88	mg/Kg		5/1/2024	09:10
Arsenic	<0.481	mg/Kg		5/1/2024	09:10
Barium	<4.81	mg/Kg		5/1/2024	09:10
Beryllium	<0.240	mg/Kg		5/1/2024	09:10
Cadmium	<0.240	mg/Kg		5/1/2024	09:10
Calcium	<120	mg/Kg		5/1/2024	09:10
Chromium	<0.481	mg/Kg		5/1/2024	09:10
Cobalt	<2.40	mg/Kg		5/1/2024	09:10
Copper	<0.962	mg/Kg		5/1/2024	09:10
Iron	<9.62	mg/Kg		5/1/2024	09:10
Lead	<0.481	mg/Kg		5/1/2024	09:10
Magnesium	<120	mg/Kg		5/1/2024	09:10
Manganese	<0.721	mg/Kg		5/1/2024	09:10
Nickel	<1.92	mg/Kg		5/1/2024	09:10
Potassium	<120	mg/Kg		5/1/2024	09:10
Selenium	<0.962	mg/Kg		5/1/2024	09:10
Silver	<0.481	mg/Kg		5/1/2024	09:10
Sodium	<120	mg/Kg		5/1/2024	09:10
Thallium	<1.20	mg/Kg		5/1/2024	09:10
Vanadium	<1.20	mg/Kg		5/1/2024	09:10
Zinc	<2.88	mg/Kg		5/1/2024	09:10

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/30/2024
Data File: 240501A
QC Batch ID: QC240430soil
QC Number: Blk 1

PARADIGM ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample and Control Sample Duplicate

Client: NWEC&C

Project Reference: 23-050

Lab Project ID: 241850

Matrix: Soil

TAL Metals (ICP)

Analyte	LCS Added	LCSD Added	Spike Units	LCS Result	LCSD Result	LCS % Recovery	LCSD % Recovery	% Rec Limits	LCS Outliers	LCSD Outliers	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
Aluminum	125	114	mg/Kg	121	113	96.9	99.5	80 - 120			2.69	20		5/1/2024
Antimony	125	114	mg/Kg	120	111	96.2	97.4	80 - 120			1.24	20		5/1/2024
Arsenic	125	114	mg/Kg	116	107	93.2	94.1	80 - 120			0.983	20		5/1/2024
Barium	125	114	mg/Kg	125	115	100	101	80 - 120			0.954	20		5/1/2024
Beryllium	25.0	22.7	mg/Kg	23.2	21.3	92.8	93.7	80 - 120			0.965	20		5/1/2024
Cadmium	50.0	45.5	mg/Kg	48.9	44.9	97.8	98.7	80 - 120			0.905	20		5/1/2024
Calcium	200	182	mg/Kg	192	180	95.9	99.2	80 - 120			3.36	20		5/1/2024
Chromium	125	114	mg/Kg	117	108	93.9	94.8	80 - 120			0.933	20		5/1/2024
Cobalt	50.0	45.5	mg/Kg	49.6	45.5	99.2	100	80 - 120			0.963	20		5/1/2024
Copper	125	114	mg/Kg	127	116	102	102	80 - 120			0.823	20		5/1/2024
Iron	125	114	mg/Kg	122	112	97.5	98.6	80 - 120			1.14	20		5/1/2024
Lead	125	114	mg/Kg	122	112	97.6	98.2	80 - 120			0.654	20		5/1/2024
Magnesium	400	364	mg/Kg	426	397	107	109	80 - 120			2.38	20		5/1/2024
Manganese	50.0	45.5	mg/Kg	48.9	44.8	97.7	98.5	80 - 120			0.815	20		5/1/2024
Nickel	250	227	mg/Kg	251	229	100	101	80 - 120			0.696	20		5/1/2024
Potassium	2120	1930	mg/Kg	2080	1940	98.0	100	80 - 120			2.51	20		5/1/2024

Report Prepared Thursday, May 9, 2024

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample and Control Sample Duplicate

Client: NWEC&C
Project Reference: 23-050
Lab Project ID: 241850
Matrix: Soil

TAL Metals (ICP)

Analyte	LCS Added	LCSD Added	Spike Units	LCS Result	LCSD Result	LCS % Recovery	LCSD % Recovery	% Rec Limits	LCS Outliers	LCSD Outliers	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
Selenium	125	114	mg/Kg	110	102	88.4	89.6	80 - 120			1.35	20		5/1/2024
Silver	12.5	11.4	mg/Kg	12.3	11.3	98.3	99.5	80 - 120			1.21	20		5/1/2024
Sodium	600	545	mg/Kg	579	538	96.5	98.6	80 - 120			2.14	20		5/1/2024
Thallium	125	114	mg/Kg	120	110	96.3	97.0	80 - 120			0.703	20		5/1/2024
Vanadium	50.0	45.5	mg/Kg	49.1	45.1	98.2	99.3	80 - 120			1.08	20		5/1/2024
Zinc	125	114	mg/Kg	119	109	95.0	96.0	80 - 120			1.01	20		5/1/2024

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/30/2024
Data File: 240501A
QC Number: 1
QC Batch ID: QC240430soil

Report Prepared Thursday, May 9, 2024

PARADIGM ENVIRONMENTAL SERVICES, INC.

QC Report for Sample Spike and Sample Duplicate

Client: NWEC&C **Lab Project ID:** 241850

Project Reference: 23-050

Lab Sample ID: 241850-01 **Date Sampled:** 4/26/2024
Sample Identifier: Composite **Date Received:** 4/26/2024
Matrix: Soil

TAL Metals (ICP)

Analyte	Sample Results	Result Units	Spike Added	Spike Result	Spike % Recovery	% Rec Limits	Spike Outliers	Duplicate Result	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
Aluminum	**8010**	mg/Kg	125	10600	NC	75 - 125		11800	38.5	20	*	5/1/2024
Antimony	**7.12**	mg/Kg	125	45.3	30.7	75 - 125	*	5.33	28.8	20	*	5/1/2024
Arsenic	**6.67**	mg/Kg	125	107	80.5	75 - 125		10.6	45.6	20	*	5/1/2024
Barium	**216**	mg/Kg	125	345	103	75 - 125		193	11.6	20		5/1/2024
Beryllium	**0.574**	mg/Kg	24.9	21.5	83.8	75 - 125		0.926	46.9	20	*	5/1/2024
Cadmium	**3.74**	mg/Kg	49.9	40.3	73.3	75 - 125	*	3.18	16.3	20		5/1/2024
Calcium	**48100**	mg/Kg	199	67600	NC	75 - 125		71400	39.0	20	*	5/2/2024
Chromium	**36.2**	mg/Kg	125	116	63.9	75 - 125	*	18.9	62.9	20	*	5/1/2024
Cobalt	**3.64**	mg/Kg	49.9	42.3	77.6	75 - 125		4.12	12.5	20		5/1/2024
Copper	**81.1**	mg/Kg	125	206	100	75 - 125		90.2	10.6	20		5/1/2024
Iron	**16400**	mg/Kg	125	13800	NC	75 - 125		22800	32.6	20	*	5/1/2024
Lead	**279**	mg/Kg	125	349	56.1	75 - 125	*	218	24.3	20	*	5/1/2024
Magnesium	**11400**	mg/Kg	399	12000	NC	75 - 125		11600	2.18	20		5/1/2024

NC = Not Calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added.

Report Prepared Thursday, May 9, 2024

PARADIGM ENVIRONMENTAL SERVICES, INC.

QC Report for Sample Spike and Sample Duplicate

Client: NWEC&C **Lab Project ID:** 241850

Project Reference: 23-050

Lab Sample ID: 241850-01 **Date Sampled:** 4/26/2024
Sample Identifier: Composite **Date Received:** 4/26/2024
Matrix: Soil

TAL Metals (ICP)

Analyte	Sample Results	Result Units	Spike Added	Spike Result	Spike % Recovery	% Rec Limits	Spike Outliers	Duplicate Result	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
Manganese	**930**	mg/Kg	49.9	1070	NC	75 - 125		1300	33.0	20	*	5/2/2024
Nickel	**14.0**	mg/Kg	249	205	76.4	75 - 125		15.5	10.3	20		5/1/2024
Potassium	**1170**	mg/Kg	2120	3370	104	75 - 125		1300	9.91	20		5/1/2024
Selenium	**1.40**	mg/Kg	125	96.1	76.0	75 - 125		2.46	55.2	20	*	5/1/2024
Silver	< 0.508	mg/Kg	12.5	12.2	97.8	75 - 125		0.508	NC	20		5/1/2024
Sodium	**180**	mg/Kg	598	796	103	75 - 125		287	45.7	20	*	5/1/2024
Thallium	< 1.27	mg/Kg	125	94.2	75.6	75 - 125		<1.26	NC	20		5/1/2024
Vanadium	**14.9**	mg/Kg	49.9	55.5	81.4	75 - 125		13.1	12.9	20		5/1/2024
Zinc	**408**	mg/Kg	125	481	58.4	75 - 125	*	473	14.8	20		5/1/2024

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 4/30/2024
240501A
QC Batch ID: QC240430soil

NC = Not Calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added.

Report Prepared Thursday, May 9, 2024

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"H" = Denotes a parameter analyzed outside of holding time.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

PARADIGM
ENVIRONMENTAL SERVICES

REPORT TO:		INVOICE TO:		
COMPANY: NW Contracting		COMPANY: SAME		LAB PROJECT ID: 241850
address: 3553 Crittenden Rd		ADDRESS:		
CITY: Alden STATE: NY ZIP: 14004		CITY: SAME STATE: ZIP:		Quotation #:
PHONE: FAX:		PHONE: FAX:		Email: brice@nwcontracting.com
ATTN: Brice – Lisa		ATTN:		

PROJECT REFERENCE: 23-050

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	8270 SVOC's	TAL Metals + Inorganics	PCB's	Pesticides	VOC's	PFAS	Herbicides	REMARKS	PARADIGM LAB SAMPLE NUMBER
4/26/24	9:30 am	X		Composite	SO	1	✓	✓	✓	✓			✓	CP-51 for VOCs + SVOCs	01
↓	↓		X	VOC 1 ~~2,3,4,5~~	SO	5					✓				02
		X		PFAS	SO	1						✓			03
			X	VOCs 2	SO	1					✓				04
			X	VOCs 3	SO	1					✓				05
			X	VOCs 4	SO	1					✓				06
			X	VOCs 5	SO	1					✓				07

PFAS sent directly to subcon 4/26/24

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☑	None Required	☐	None Required	☐
10 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other please indicate date needed:	☐	Other please indicate package needed:	☐	Other EDD please indicate EDD needed :	☐

Brice Reed — Sampled By — 8:30 / 4/26/24 — Date/Time

Total Cost:

Brice Reed — Relinquished By — 11/15 / 4/26 — Date/Time

Brian Zinda — Received By — 4/26/24 11:15 — Date/Time

Emily Hyde — Received @ Lab By — 4/26/24 1554 — Date/Time

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

4°C iced 4/26/24 15:50

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: NW Contracting

Completed by: [signature]

Lab Project ID: 241850

Date: 4/26/2024

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

NELAC compliance with the sample condition requirements upon receipt

Condition	Yes	No	N/A
Container Type	X	X 5035	
Comments			
Transferred to method-compliant container	X 93 → 1 (post (Hg))		
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X Metals (except Hg)
Comments: 4°C Iced			
Compliant Sample Quantity/Type	X		
Comments: PFAS sent directly to Sub-lab			

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

2404129013

1 of 1

CHAIN OF CUSTODY

ELAP ID: 10

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:		ADDRESS:			
CITY: STATE: ZIP:		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:		STD 1 2 3 X 5	
PROJECT NAME/SITE NAME:	ATTN: Reporting	ATTN:	Accounts Payable		
	COMMENTS: Please email results to reporting@paradigmenv.com			Date Due: 5/6/24	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	Pesticides	Herbicides								REMARKS	PARADIGM LAB SAMPLE NUMBER				
1	4/26/24	08:30	X		Composite	Soil	1	X	X								241850-01					
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature:	Y ☐	N ☐
Comments:		

Client

Sampled By	Date/Time	4/29/2024 0830
Relinquished By	Date/Time	4/29/24 11:30
Received By	Date/Time	
Received @ Lab By	Date/Time	CF 4/29 3:15

Total Cost:

P.I.F.

2404129013

ANALYTICAL REPORT

Lab Number:	L2423071
Client:	Paradigm Environmental Services 179 Lake Avenue Rochester, NY 14608
ATTN:	Steve DeVito
Phone:	(585) 647-2530
Project Name:	23-050
Project Number:	23-050
Report Date:	05/08/24

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: 23-050
Project Number: 23-050

Lab Number: L2423071
Report Date: 05/08/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2423071-01	PFAS	SOIL	Not Specified	04/26/24 08:30	04/26/24

Project Name:	23-050	**Lab Number:**	L2423071
Project Number:	23-050	**Report Date:**	05/08/24

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: 23-050 **Lab Number:** L2423071
Project Number: 23-050 **Report Date:** 05/08/24

Case Narrative (continued)

Report Revision

May 08, 2024: The project name and number have been amended.

Report Submission

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

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

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 05/08/24

ORGANICS

SEMIVOLATILES

Project Name: 23-050 **Lab Number:** L2423071

Project Number: 23-050 **Report Date:** 05/08/24

SAMPLE RESULTS

Lab ID: L2423071-01
Client ID: PFAS
Sample Location: Not Specified

Date Collected: 04/26/24 08:30
Date Received: 04/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/06/24 16:52
Analyst: RS
Percent Solids: 91%

Extraction Method: EPA 1633
Extraction Date: 05/03/24 16:45
Cleanup Method: EPA 1633
Cleanup Date: 05/04/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.776	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.388	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.194	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.194	0.045	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.194	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	0.058	J	ng/g	0.194	0.057	1
Perfluorooctanoic Acid (PFOA)	0.078	J	ng/g	0.194	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.776	0.272	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.194	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.194	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	0.923		ng/g	0.194	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.194	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.776	0.376	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.194	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.194	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.194	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.194	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.194	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.194	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.194	0.051	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.194	0.103	1
PFOA/PFOS, Total	1.00	J	ng/g	0.194	0.050	1

Project Name: 23-050 **Lab Number:** L2423071

Project Number: 23-050 **Report Date:** 05/08/24

SAMPLE RESULTS

Lab ID: L2423071-01 Date Collected: 04/26/24 08:30

Client ID: PFAS Date Received: 04/26/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	73		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	130		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	87		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	63		20-150

Project Name: 23-050
Project Number: 23-050

Lab Number: L2423071
Report Date: 05/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/05/24 18:55
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/03/24 16:45
Cleanup Method: EPA 1633
Cleanup Date: 05/04/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG1916853-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
PFOA/PFOS, Total	ND		ng/g	0.200	0.052

Project Name: 23-050 **Lab Number:** L2423071

Project Number: 23-050 **Report Date:** 05/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/05/24 18:55
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/03/24 16:45
Cleanup Method: EPA 1633
Cleanup Date: 05/04/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG1916853-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	77		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	74		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	67		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	73		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	69		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	62		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	59		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	40		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 23-050
Project Number: 23-050

Lab Number: L2423071
Report Date: 05/08/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1916853-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	98		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	95		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	98		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	98		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	97		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	101		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	103		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	97		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	101		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	102		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	103		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	100		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	105		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	113		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	97		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	114		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	103		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	99		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	86		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	100		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 23-050
Project Number: 23-050

Lab Number: L2423071
Report Date: 05/08/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1916853-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	71				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	86				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	54				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 23-050

Project Number: 23-050

Lab Number: L2423071

Report Date: 05/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1916853-3								
Perfluorobutanoic Acid (PFBA)	102		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	105		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	100		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	105		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	102		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	100		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	99		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	112		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	99		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	102		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	99		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	101		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	114		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	104		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	100		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	109		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	101		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	102		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	85		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	107		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 23-050
Project Number: 23-050

Lab Number: L2423071
Report Date: 05/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1916853-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	79				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	74				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	45				20-150

INORGANICS
&
MISCELLANEOUS

Project Name: 23-050
Project Number: 23-050

Lab Number: L2423071
Report Date: 05/08/24

SAMPLE RESULTS

Lab ID: L2423071-01
Client ID: PFAS
Sample Location: Not Specified

Date Collected: 04/26/24 08:30
Date Received: 04/26/24
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 - Mansfield Lab										
Solids, Total	91.4		%	0.100	0.100	1	-	04/30/24 12:04	121,2540G	KAR

Lab Duplicate Analysis

Batch Quality Control

Project Name: 23-050
Project Number: 23-050

Lab Number: L2423071
Report Date: 05/08/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1915092-1 QC Sample: L2423141-01 Client ID: DUP Sample						
Solids, Total	96.1	96.0	%	0		10

Project Name: 23-050
Project Number: 23-050

Lab Number: L2423071
Report Date: 05/08/24

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(*)
L2423071-01A	Plastic 8oz unpreserved	A	NA		4.7	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2423071-01B	Plastic 2oz unpreserved for TS	A	NA		4.7	Y	Absent		A2-TS(7)

*Values in parentheses indicate holding time in days

Project Name: 23-050
Project Number: 23-050

Lab Number: L2423071
Report Date: 05/08/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 23-050
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Lab Number: L2423071
Report Date: 05/08/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	23-050	**Lab Number:**	L2423071
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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:	23-050	**Lab Number:**	L2423071
Project Number:	23-050	**Report Date:**	05/08/24

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:	23-050	**Lab Number:**	L2423071
Project Number:	23-050	**Report Date:**	05/08/24

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.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	23-050	**Lab Number:**	L2423071
Project Number:	23-050	**Report Date:**	05/08/24

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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, 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.

Serial_No:05082412:44

PARADIGM

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Rec'd 4/27/24

L2423071

11148

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	Paradigm Environmental	CLIENT:	Same	
ADDRESS:	179 Lake Ave	ADDRESS:		
CITY:	Rochester STATE: NY ZIP 14608	CITY:	STATE: ZIP:	Quotation #: 202200110
PHONE:		PHONE:		Email:
ATTN:	Reporting	ATTN:		reporting@paradigmenv.com

PROJECT REFERENCE

23 - OSO

Matrix Codes:
AQ - Aqueous Liquid
NQ - Non-Aqueous Liquid
WA - Water
WG - Groundwater
DW - Drinking Water
WW - Wastewater
SO - Soil
SL - Sludge
SD - Solid
PT - Paint
WP - Wipe
CK - Caulk
OL - Oil
AR - Air

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PFAS 1633	REMARKS	PARADIGM LAB SAMPLE NUMBER
23071 -01	4/26/2024	8:30	X		PFAS	SO	2	X		
									Project: SP2022	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard Turn	X	None Required	☐	None Required	☐
10 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other please indicate date needed:	☐	Other please indicate package needed:	☐	Other EDD please indicate EDD needed :	☐

Client

		Date/Time	Total Cost:
Sampled By	[signature]	4/26/24 1325	
Relinquished By	[signature] AAC	4/26/24 13:25	
Received By	Relinquished by [signature] AL 4/26/24 13:25	4/27/24 0040	I.F.
Received @ Lab By	[signature] Lar 4/27/24 0600 [signature] AAC 4/27/24 0600		

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

Rel. [signature] AAC 4/27/24 0750 Rec'd [signature] 4/27/24 07:50

See additional page for sample conditions.

ATTACHMENT 5

REPAIR COMPLETION PHOTOS

PHOTO SHEET

APPLICANT:	Empire State Development (DBA Erie Canal Harbor Development)		
FIPS NO.	Outer Harbor Recreational Access- Greenbelt Pathway		

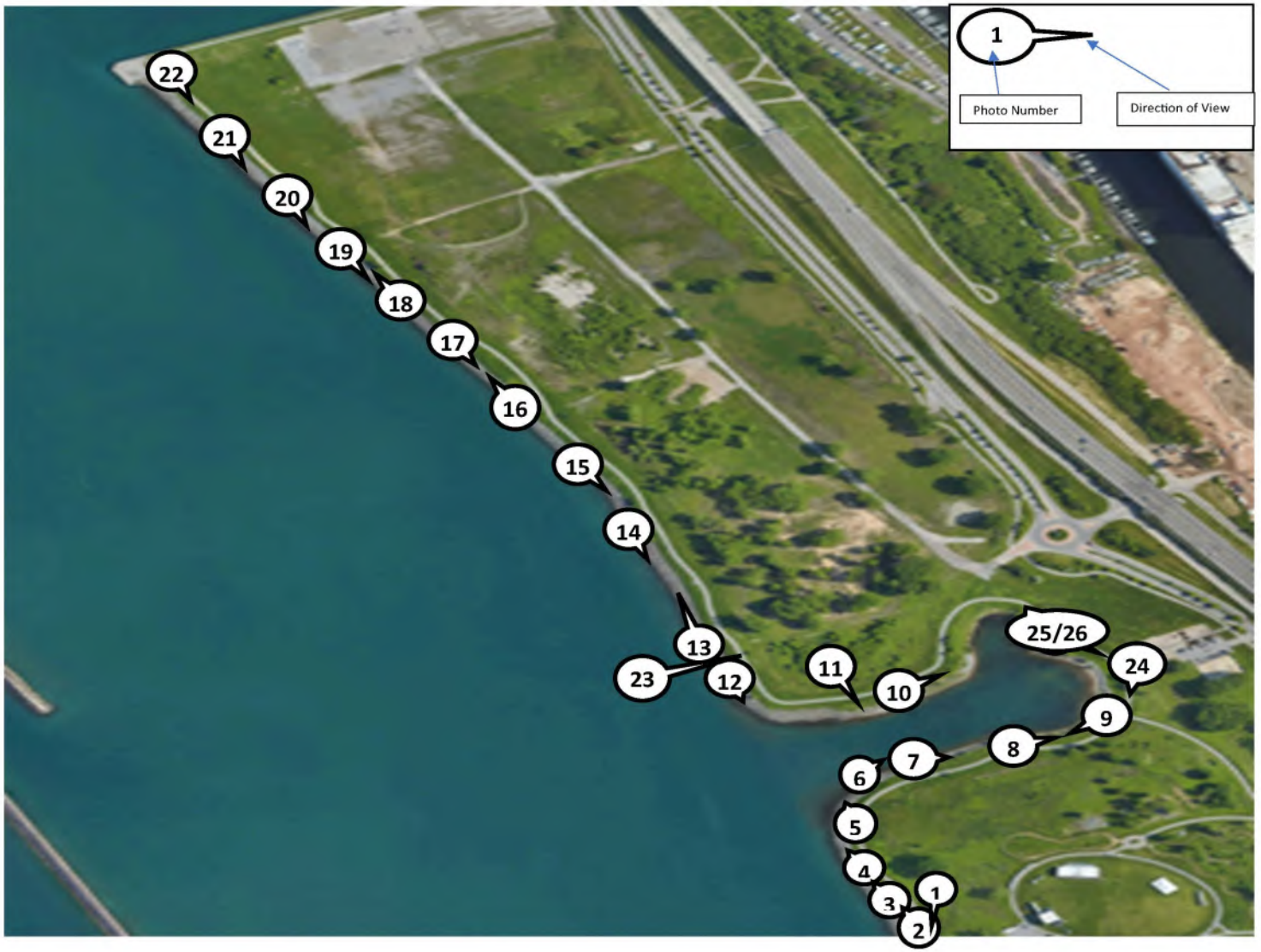

PHOTO SHEET

APPLICANT:	Empire State Development (DBA Erie Canal Harbor Development)		
PROJECT NO.	Outer Harbor Recreational Access- Greenbelt Pathway		

Photo 1: Stabilized shoreline and completed repairs

Photo 2: Stabilized shoreline and completed repairs

Photo 3: Stabilized shoreline and completed repairs

Photo 4: Stabilized shoreline and completed repairs

PHOTO SHEET

APPLICANT:	Empire State Development (DBA Erie Canal Harbor Development)		
PROJECT NO.	Outer Harbor Recreational Access- Greenbelt Pathway		

Photo 5: Stabilized shoreline and completed repairs

Photo 6: Stabilized shoreline and completed repairs

Photo 7: Stabilized shoreline and completed repairs

Photo 8: Stabilized shoreline and completed repairs

PHOTO SHEET

APPLICANT:	Empire State Development (DBA Erie Canal Harbor Development)		
PROJECT NO.	Outer Harbor Recreational Access- Greenbelt Pathway		

Photo 9: Stabilized shoreline and completed repairs

Photo 10: Stabilized shoreline and completed repairs

Photo 11: Stabilized shoreline and completed repairs

Photo 12: Stabilized shoreline and completed repairs

PHOTO SHEET

APPLICANT:	Empire State Development (DBA Erie Canal Harbor Development)		
PROJECT NO.	Outer Harbor Recreational Access- Greenbelt Pathway		

Photo 13: Stabilized shoreline and completed repairs

Photo 14: Stabilized shoreline and completed repairs

Photo 15: Stabilized shoreline and completed repairs

Photo 16: Stabilized shoreline and completed repairs

PHOTO SHEET

APPLICANT:	Empire State Development (DBA Erie Canal Harbor Development)		
PROJECT NO.	Outer Harbor Recreational Access- Greenbelt Pathway		

Photo 17: Stabilized shoreline and completed repairs

Photo 18: Stabilized shoreline and completed repairs

Photo 19: Stabilized shoreline and completed repairs

Photo 20: Stabilized shoreline and completed repairs

PHOTO SHEET

APPLICANT:	Empire State Development (DBA Erie Canal Harbor Development)		
FIPS NO.	Outer Harbor Recreational Access- Greenbelt Pathway		

Photo 21: Stabilized shoreline and completed repairs

Photo 22: Stabilized shoreline and completed repairs

Photo 22: Ruts at hammock area filled vegetation required to be established

Photo 23: Repairs at Bell Slip. Vegetation required to be established.

PHOTO SHEET

APPLICANT:	Empire State Development (DBA Erie Canal Harbor Development)		
FIPS NO.	Outer Harbor Recreational Access- Greenbelt Pathway		

Photo 24: Repairs at Bell Slip. Vegetation required to be established.

T0 INSERT PICTURE, SELECT THIS BOX AND CLICK "INSERT PICTURE" BUTTON.

Photo 25: Restored area at Bell Slip.

T0 INSERT PICTURE, SELECT THIS BOX AND CLICK "INSERT PICTURE" BUTTON.