Groundwater & Environmental Services, Inc.
6010 North Bailey Avenue, Suite 1
Amherst, NY 14226
T. 800.287.7857

submitted via electronic mail

June 11, 2026

Ms. Megan Kuczka
New York State Department of
Environmental Conservation – Region 9
700 Delaware Avenue
Buffalo, New York 14209

RE: Post-Construction Summary Report
Operable Unit 3 (OU-3)
Buckeye Terminals, LLC
Buffalo Terminal
625 Elk Street
Buffalo, New York 14210
NYSDEC Site Number C915201D

Dear Ms. Kuczka:

The enclosed OU-3 *Post-Construction Summary Report* has been prepared by Groundwater & Environmental Services, Inc., (GES) for Buckeye Terminals, LLC, (Buckeye). This report summarizes the OU-3 ground-intrusive and site restoration activities that occurred during installation of the new fire suppression distribution piping and associated pipe rack support system at the Buckeye Buffalo Terminal. This work was completed by Buckeye between December 2025 and May 2026 in accordance with the GES *Excavation Work Plan – Revision 1* dated November 21, 2025.

Should you have any questions or comments regarding the information provided herein, please contact Robert N. Sickler at (800) 220-3069, extension 4052, or Genevieve F. Bock, at extension 4302.

Respectfully Submitted,
Groundwater & Environmental Services, Inc.

Genevieve F. Bock, P.E.
NE Region Engineering Manager
gbock@gesonline.com

Robert N. Sickler, P.G.
Senior Project Manager
rsickler@gesonline.com

Enclosure

cc: Andrea Caprio, NYSDEC
Andrew Zwack, NYSDEC
Sara Bogardus, NYSDOH
Shaun Surani, NYSDOH
Edward J. Weirsky, Buckeye Contractor
Krista Snyder, Buckeye
James Geary, Buckeye
Paul Neureuter, Elk Street Commerce Park, LLC
Matt Pearson, Elk Street Commerce Park, LLC
Timothy Ryan, Elk Street Solar, LLC
Andrew Janik, LaBella Associates
Robert Napieralski, LaBella Associates

Buckeye Terminals, LLC

Post-Construction Summary Report

Buffalo Terminal – Operable Unit 3
625 Elk Street
Buffalo, New York 14210
NYSDEC Site Number C915201D

June 11, 2026

Post-Construction Summary Report

Buffalo Terminal – Operable Unit 3
625 Elk Street
Buffalo, New York 14210
NYSDEC Site Number C915201D

Prepared for:
Buckeye Terminals, LLC
The Buckeye Building
6161 Hamilton Boulevard
Allentown, Pennsylvania 18106

Prepared by:
Groundwater & Environmental Services, Inc.
6010 North Bailey Avenue, Suite 1
Amherst, New York 14226
TEL: 800-220-3069
www.gesonline.com

GES Project:
0925012

Date:
June 11, 2026

Rebecca L. Keating
Staff Geologist

Genevieve F. Bock, P.E.
Principal Engineering Manager

Robert N. Sickler, P.G.
Senior Project Manager

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Figures

Appendices

Acronyms

BCP	Brownfield Cleanup Program
bgs	below grade surface
BTS	B.T.S. Services, Inc.
Buckeye	Buckeye Terminals, LLC
CAMP	Community Air Monitoring Program
DER	Division of Environmental Remediation
EWP	Excavation Work Plan
GES	Groundwater & Environmental Services, Inc.
HASP	Health and Safety Plan
LaBella	LaBella Associates
MOSF	Major Oil Storage Facility
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OU-3	Operable Unit 3 (BCP Site No. C915201D)
OU-4	Operable Unit 4
Pace	Pace Analytical Laboratory
PID	photoionization detector
PE	Professional Engineer
ppm	parts per million
SMP	Site Management Plan
Sun	Sun Environmental Corporation
TVOC	total volatile organic compounds
WM	Waste Management of New York, LLC

1 Introduction

The former ExxonMobil Buffalo Terminal Operable Unit 3 (OU-3) located collectively on the properties identified at 503 and 625 Elk Street and 1 Babcock Street in Buffalo, New York, is regulated under the New York State (NYS) Brownfield Cleanup Program (BCP Site Number C915201D) by the New York State Department of Environmental Conservation (NYSDEC). A portion of OU-3 is owned and operated by Buckeye Terminals, LLC (Buckeye), as an active petroleum major oil storage facility (MOSF) that is located at 625 Elk Street in Erie County, Buffalo, New York (hereinafter referred to as the "Site"). A Site Location Map and a Site Map are provided as **Figure 1** and **Figure 2**, respectively.

Groundwater & Environmental Services, Inc. (GES), on behalf of Buckeye, prepared an *Excavation Work Plan – Revision 1* for OU-3 (the OU-3 EWP) in November 2025 to: (1) summarize the proposed construction plans for the installation of new fire suppression distribution piping and the associated pipe-rack support system on portions of the Site, and (2) define actions that were required for compliance with the OU-3 February 2023 draft revised (Revision 001) *Site Management Plan* (the draft OU-3 SMP) prepared by LaBella Associates (LaBella). Specifically, the OU-3 EWP addressed the requirements related to the Excavation Controls as outlined in the draft OU-3 SMP. All intrusive work conducted in OU-3 was conducted in accordance with the OU-3 Health and Safety Plan (HASP) included in the OU-3 EWP.

GES, on behalf of Buckeye, has prepared this *Post-Construction Summary Report* to detail the construction activities that were completed at OU-3 between December 15, 2025, and May 5, 2026, as detailed in the OU-3 EWP.

2 Summary of Work Completed

A new fire suppression system was installed at the Buckeye Buffalo Terminal to provide fire-fighting protection for the active MOSF infrastructure located on portions of OU-3 and Operable Unit 4 (OU-4) [Note: a Post-Construction Summary Report for the activities completed on OU-4 will be provided separately to the NYSDEC.]. **Figure 3** illustrates the approximate layout of the new fire suppression piping on OU-3.

A designee of the GES New York registered professional engineer (PE) was on site during the OU-3 ground-intrusive/cover system intrusive work activities completed by Buckeye and its contractors as well as all soil handling, staging, and load-out of the excavated OU-3 soils. The PE's designee was on site to complete the required community air monitoring program (CAMP) and field soil screening activities during the completion of the OU-3 ground-intrusive activities as well as document and confirm compliance with the OU-3 EWP. The daily CAMP reports were submitted to the NYSDEC and the New York State Department of Health (NYSDOH) during the project and are provided in **Appendix A**.

2.1 Description of Cover System Disturbance Activities

2.1.1 Subgrade Fire Suppression Piping Installation at OU-3/OU-4 Boundary

On December 15 and 17, 2025, OU-3 ground-intrusive activities occurred near the OU-3/OU-4 boundary on the eastern side of OU-3 where the new fire suppression piping transitioned from the existing above-grade pipe rack system to a new section of subgrade piping to traverse beneath the OU-3 driveway. **Figure 3** shows the location of the excavated trench in the OU-3 driveway and a collection of photographs taken during the OU-3 excavation activities is provided in **Appendix B**.

A section of existing asphalt approximately 25-feet-long by 3-feet-wide was sawcut and removed from the OU-3 driveway. The trench was excavated to a depth of approximately 30 inches below grade surface (bgs). Excavated soils were screened using a field-calibrated photoionization detector (PID), additional information is provided in **Section 3.1**. Daily air monitoring was overseen by GES personnel, as outlined in **Section 3.2**. The northern portion of the trench consisted of non-native fill and transitioned to a silty clay with some gravel towards the southern extent of the trench. All excavated soil and asphalt debris were managed in accordance with the soil staging methods and soil excavation and load-out plans provided below in **Section 2.2**. Once the excavated trench was completed, a section of new subgrade-level fire suppression piping was placed and secured within the trench. The trench was then backfilled on December 17, 2025. In total, imported fill consisting of 13.11 tons 1A stone (Ticket #128908855) and 13.33 tons of 2-inch crushed rock (Ticket #128908925) delivered to the Site by B.T.S. Services, Inc. (BTS), of East Amherst, New York, were utilized for backfilling both trenches in OU-3. Copies of the delivery tickets for the imported fill are provided in **Appendix C.**

The new section of subgrade fire suppression piping transitioned back to above-grade piping on the southern side of the OU-3 driveway near the concrete retaining wall to complete the installation of an above-grade pipe junction (for the installation of an above-grade pipe extension to the east onto OU-4) and the above-grade pipe-rack support system for a new hose connection valve.

On December 18, 2025, the trench scar was temporary patched with a flowable fill cap to meet the existing grade surface until the trench scar could be restored with new asphalt pavement in the Spring of 2026. On May 4, 2026, the layer of temporary flowable fill was removed and on May 5, 2026, was replaced with asphalt pavement to meet the existing grade surface in the OU-3 driveway.

2.1.2 Subgrade Fire Suppression Piping Between Tank 90 and Tank 97

On December 17, 2025, a section of existing asphalt pavement was sawcut and removed from the OU-3 driveway (between Tank 90 and Tank 97) for the placement of a new section of shallow subgrade fire suppression piping. Plans in the OU-3 EWP called for this piping to be installed above grade with a cross-over ramp; however, due to the necessity to sleeve the fire suppression pipe, Buckeye determined that the new piping should be installed below grade to provide protection of the new piping and to prevent a raised bump in the roadway that would likely become damaged over time. Excavation of this area in the OU-3 driveway proceeded with the same requirements as the initial planned trench as described in the OU-3 EWP.

The asphalt saw cutting and trenching was completed on December 17, 2025. The trench was approximately 25-feet-long by 2-feet-wide and extended to a depth of approximately 20 inches bgs in the OU-3 driveway between Tank 90 and Tank 97. Excavated soils were screened using a field-calibrated PID, additional information is provided in **Section 3.1**. Daily air monitoring was overseen by GES personnel, as outlined in **Section 3.2**. The trench consisted of non-native fill. All excavated soil and asphalt debris were managed in accordance with the soil staging methods and soil excavation and load-out plans provided below in **Section 2.2**.

Once the excavation of the trench was completed, fire suppression piping was inserted through a larger-diameter steel pipe sleeve for protecting the fire suppression piping and installed within the trench. The sleeved fire suppression piping exited the subsurface at either side of the OU-3 driveway between Tank 90 and Tank 97 to continue as above-grade piping on either side of the OU-3 road crossing. In total, imported fill consisting of 13.11 tons 1A stone (Ticket #128908855) and 13.33 tons of 2-inch crushed rock (Ticket #128908925) delivered to the Site by BTS were utilized for all backfilling purposes. The imported backfill was placed to the top of the sleeved piping in the trench completed between Tank 90 and Tank 97. Copies of the delivery tickets for the imported fill are provided in **Appendix C.**

Figure 3 shows the location of the excavated trench in the OU-3 driveway between Tank 90 and Tank 97 and site photographs are provided in **Appendix B**. CAMP monitoring and PID soil screening were completed by GES personnel during the OU-3 ground-intrusive work.

On December 18, 2025, a plastic liner was placed in the trench over the imported backfill and sleeved piping and the trench was temporarily patched with a flowable fill cap to meet the existing grade surface until the trench scar could be restored with new asphalt pavement in the Spring of 2026. On May 4, 2026, the layer of temporary flowable fill was removed and on May 5, 2026, was replaced with asphalt pavement to meet the existing grade surface in the OU-3 driveway.

2.1.3 Helical Pier Installation

At each helical pier location, an opening of approximately 2-feet-wide by 2-feet-wide was sawcut in the existing asphalt pavement and removed on December 18, 2025. Asphalt debris was placed in the roll-off container on December 18, 2025, for disposal as outlined in **Section 2.2**. **Figure 3** shows the location where the four (4) helical piers (HP-1 through HP-4) were installed within OU-3 along the concrete retaining wall near the OU-3/OU-4 boundary and site photographs are provided in **Appendix B**.

On January 13, 2026, four (4) helical piers were installed within OU-3 to be utilized for the construction of the new pipe rack supports for the new above-grade fire suppression piping, OU-4 pipe junction, and hose connection valve. The helical piers were installed within the pavement openings with a dedicated section of solid-stem augers positioned at the tip of each pier shaft that was directly drilled into the subsurface to approximately ten (10) feet bgs. **Figure 4** provides a schematic with the specifications of the helical piers. A rotary drilling tool equipped with a torque monitoring device attached to a skid steer was utilized to install the four (4) helical piers to the required completion depth. No soil cuttings were generated during the installation of the helical piers. The disturbed area around each of the four (4) helical piers was resurfaced with replacement asphalt pavement to match the surrounding grade level on May 5, 2026.

2.2 Soil Handling and Disposal

2.2.1 Soil Staging Methods

All excavated soil and asphalt debris generated on December 15, 17, and 18, 2025, during the OU-3 ground-intrusive activities, were placed in a lined and covered roll-off container that was staged on OU-3. GES personnel completed weekly inspections of the OU-3 roll-off container containing the December 2025 soil and asphalt debris until the container was transported off-site for disposal. The weekly OU-3 roll-off container inspection logs for December 2025 contents are provided in **Appendix D**.

The cement-base flowable fill debris removed from the temporary trench patches and additional asphalt debris generated during the OU-3 cover restoration activities in May 2026 were placed in a second lined and covered roll-off container staged on OU-3 until the container could be transported off-site for recycling. Weekly inspections of the second OU-3 roll-off container were not conducted as the debris was identified as non-hazardous, non-DOT recycled material.

2.2.2 Soil Characterization and Off-Site Disposal

A composited waste characterization soil sample was collected by GES from the excavated materials prior to being placed in the initial OU-3 roll-off container on December 18, 2025, and submitted to Pace Analytical Laboratory (Pace) located in Greensburg, Pennsylvania. The analytical results were then provided to Waste Management of New York, LLC, (WM) to generate a waste profile for disposal purposes. A copy of the laboratory report with chain-of-custody documentation is provided in **Appendix E**. The OU-3 roll-off container was picked up on March 23, 2026, by Sun Environmental Corporation (Sun) and transported off-site as non-hazardous waste to Waste Management's Chaffee Landfill Management Facility (NYSDEC Permit Number 9-1462-00001/00006) located at 10860 Olean Road, in Chaffee, New York. The total weight of the December 2025 roll-off container contents (soil and asphalt debris) was 18.36 tons.

The second OU-3 roll-off container containing the May 2026 flowable fill and asphalt debris was picked up on May 26, 2026 by Sun and transported off-site as non-hazardous, non-DOT recycled material to Waste Management's Chaffee Landfill Management Facility (NYSDEC Permit Number 9-1462-00001/00006) located at 10860 Olean Road, in Chaffee, New York. The total weight of the May 2026 roll-off container contents (flowable fill and asphalt debris) was 13.50 tons. The OU-3 waste disposal documentation is provided in **Appendix F**.

2.3 OU-3 Temporary and Final Cover System Restoration

The pre-existing OU-3 cover system in the locations of ground intrusive work comprised of asphalt pavement and no subsurface liner. After completion of the OU-3 excavation and installation activities, the two (2) trenches in the OU-3 cover system were temporarily resurfaced with a cement-base flowable fill on December 18, 2025.

On May 4, 2026, the flowable fill from the two (2) trench sections were removed and placed in a second OU-3 roll-off container. The trenches were then restored with asphalt pavement on May 5, 2026. The bases around the four (4) OU-3 helical pier locations (HP-1 through HP-4) were also hot-asphalt patched on May 5, 2026.

There were two (2) additional paved locations in OU-3 where the existing pavement cover was showing signs of wear and cracking that were removed on May 4, 2026, at the request of Buckeye. The two (2) locations were then paved on May 5, 2026, in order to restore the integrity of the OU-3 cover system in both locations.

Photographs of the restored areas are provided in **Appendix B**. Copies of the delivery tickets for the imported fill and flowable fill are provided in **Appendix C**.

3 Environmental Compliance Monitoring Activities

3.1 Soil Screening Methods

Field soil screening activities were performed in December 2025 and January 2026 by GES personnel during the OU-3 ground-intrusive work using a field-calibrated PID. The PID readings observed during the OU-3 ground-intrusive activities ranged from 0.0 parts per million (ppm) to 20.0 ppm in the excavated soil removed from the trench at the OU-3/OU-4 boundary and from 0.0 ppm to 0.1 ppm in the locations for the helical pier installations and the shallow trench in the OU-3 driveway between Tank 90 and Tank 97. All asphalt debris and excavated soil generated during the OU-3 ground-intrusive activities were placed within a dedicated roll-off container that was staged on OU-3. Further discussion of the off-site waste disposal is provided above in **Section 2.2**.

3.2 Community Air Monitoring Plan

Daily CAMP monitoring was completed by GES personnel as outlined in the OU-3 EWP during the completion of the OU-3 ground intrusive activities in December 2025 and January 2026. Daily CAMP monitoring reports were prepared by Field Data Solutions, Inc., of Pittsburgh, Pennsylvania, and submitted by GES to the NYSDEC and NYSDOH following the completion each day. There were no particulate or total volatile organic compounds (TVOC) observations reported over the applicable action levels during the work completed in OU-3 in December 2025 and January 2026. Copies of the daily CAMP reports are included in **Appendix A**.

3.3 Additional Control Plans

No spray down of the open trenches or intrusive work areas with water were required to control odors or dust during the fire suppression infrastructure installation activities in OU-3. No nuisance dust or odors were encountered during the OU-3 ground-intrusive activities and no complaints were received.

4 Certification

I, Genevieve F. Bock, certify that I am currently a NYS registered professional engineer, I had primary direct responsibility for the implementation of the subject construction program, and I certify that the OU-3 Excavation Work Plan was implemented and that all construction activities were completed in substantial conformance with the DER-approved Work Plan.

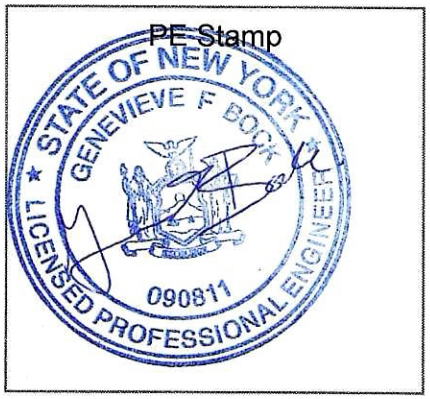
Genevieve F. Bock
Groundwater & Environmental Services, Inc.
Name

NY - 090811
PE License Number

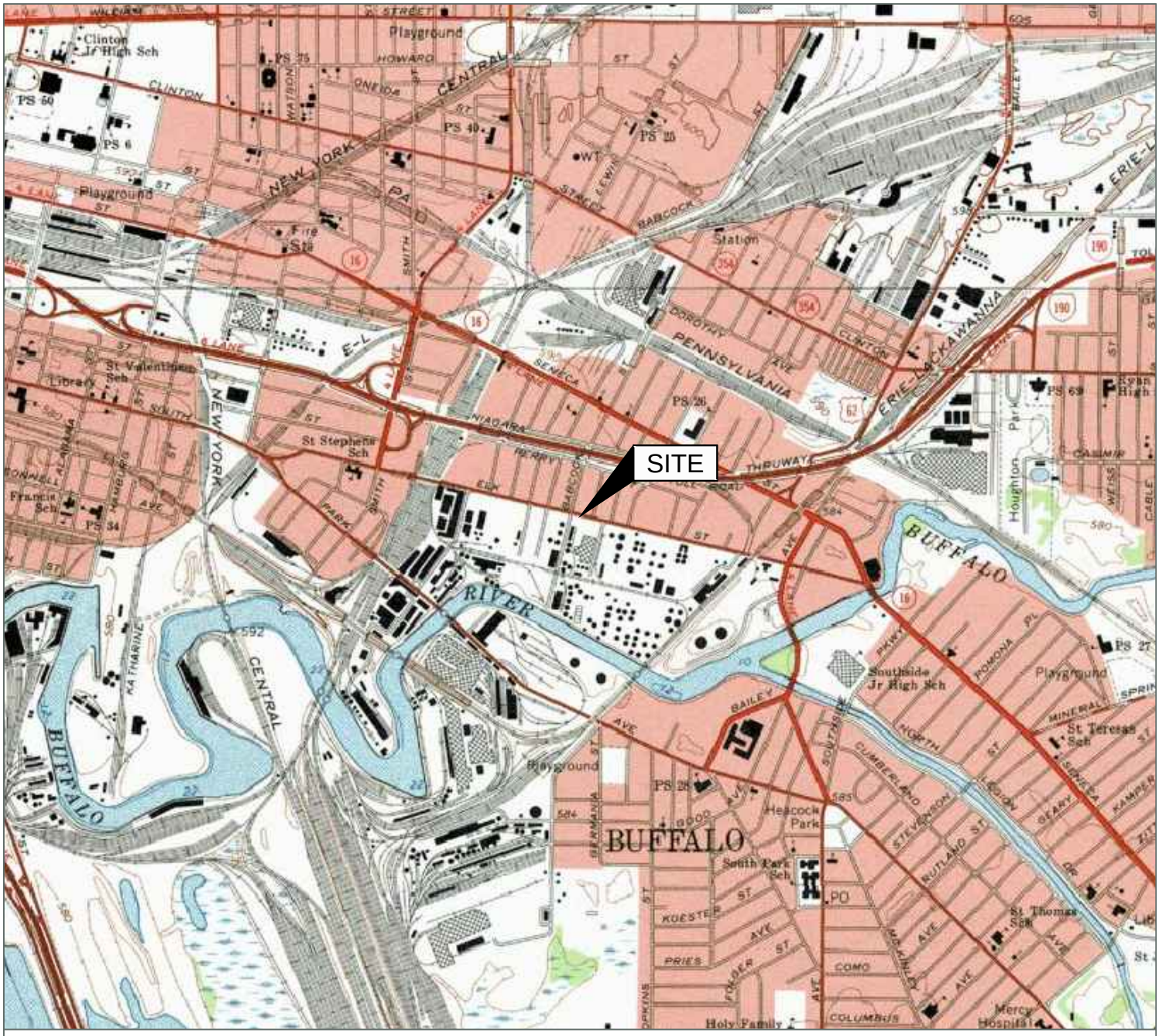
Signature

6/11/26
Date

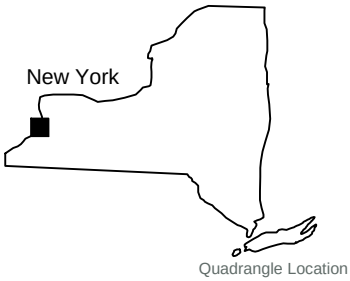
PE Stamp



Figures



Source:
USGS 7.5 Minute Series
Topographic Quadrangle, 1965
Buffalo SE, New York
Contour Interval = 10'



Quadrangle Location

Site Location Map

Buckeye Buffalo Terminal
625 Elk Street
Buffalo, New York

Drawn
W.G.S.
Designed

Approved

Date
5/22/18
Figure
1

N

Scale In Feet
0 2000

GES
Groundwater & Environmental Services, Inc.

ELK STREET

ELK STREET

635 ELK STREET
PARCEL 3

OU2 EAST

PARCEL 1
503 ELK STREET
BCP SITE C915201B

623 ELK STREET
PARCEL 2A

677 ELK STREET
PARCEL 3A

PARCEL 2
BUCKEYE TERMINAL
625 ELK STREET

OU2 WEST
45 ORLANDO STREET
BCP SITE C915201C

ORLANDO STREET

FORMERLY BABCOCK STREET

SLURRY WALL

FORMERLY PRENATT STREET

FORMERLY PRENATT STREET

1 BABCOCK STREET

EXISTING WATER TREATMENT FACILITY

ISS AREA

OU3
503 ELK STREET

625 ELK STREET
BCP SITE C915201D

SLURRY WALL

ESCP-PZ1

ESCP-PZ2

ESCP-PZ4

ESCP-PZ5

OU4

SLURRY WALL

AREA EXCLUDED FROM BCP SITE

ESCP-MW1

ESCP-MW2

ESCP-MW3

ESCP-MW4

ESCP-MW5

ESCP-MW6

BULKHEAD WALL

BUFFALO River

LEGEND

INSTITUTIONAL CONTROLS BOUNDARY

OPERABLE UNIT

PARCEL BOUNDARY

TAX PARCEL IDENTIFICATION

1 BABCOCK STREET	ESCP 123.13-1-21
503 ELK STREET	ESCP 123.13-1-2.111
625 ELK STREET	BUCKEYE TERMINALS LLC 123.13-1-2.112
635 ELK STREET	ESCP 123.13-1-2.113

0 50 100 200
SCALE IN FEET

Site Map

OU3
FORMER BUFFALO TERMINAL
BUFFALO, NEW YORK

SITE FEATURES

Project 3617-16-7397
SMP-Figure 1.2

amec

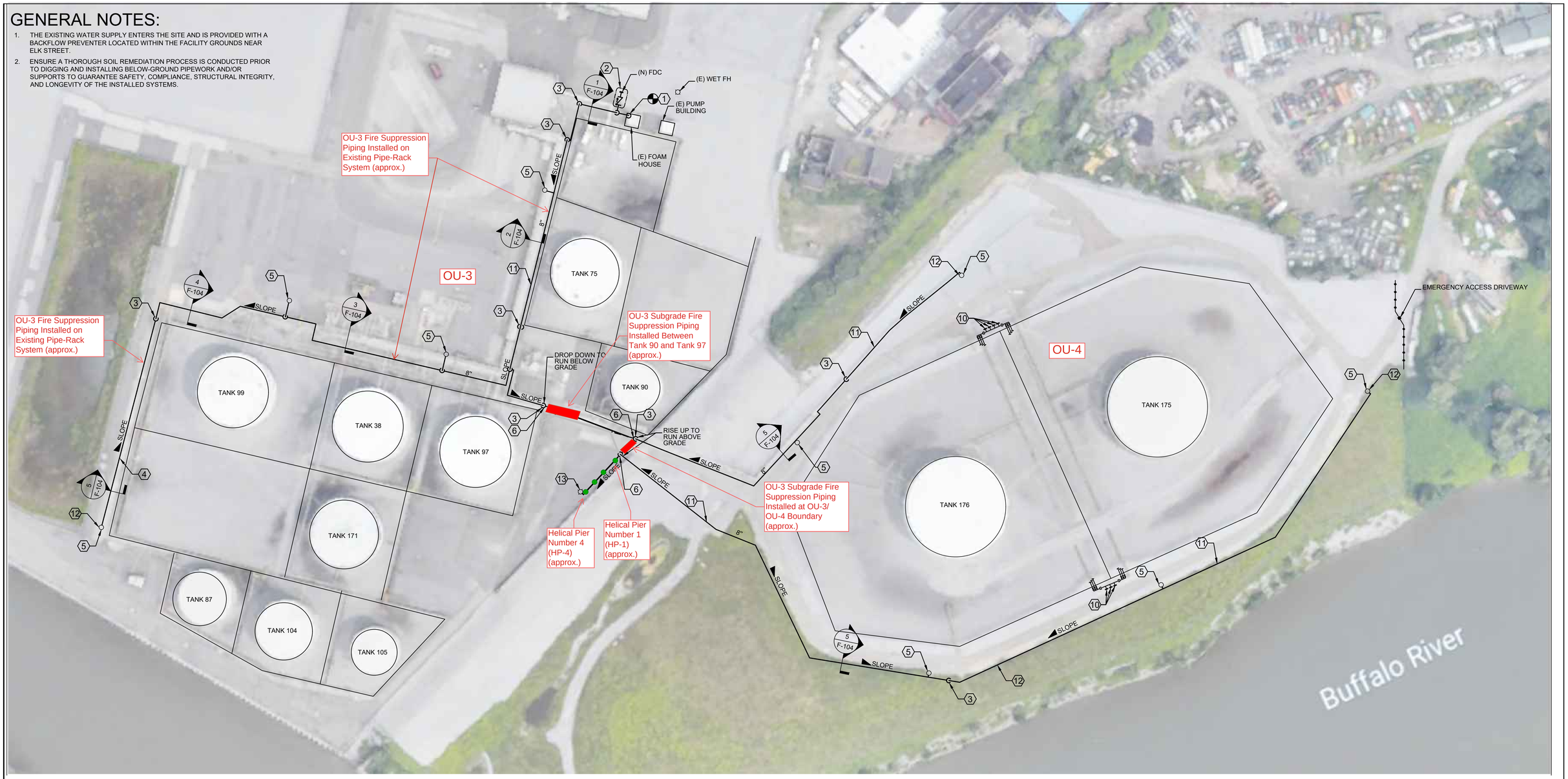
Prepared/Date: WJW 12/19/19
Checked/Date: RSE 12/19/19

Figure 2

Z:\Projects\ExxonMobil-nk90C-Elk Street\OU3 Design\Figures\SMP-Fig-1-2 Site Features.dwg Thu, 19 Dec 2019 - 10:42am william.whitten

GENERAL NOTES:

1. THE EXISTING WATER SUPPLY ENTERS THE SITE AND IS PROVIDED WITH A BACKFLOW PREVENTER LOCATED WITHIN THE FACILITY GROUNDS NEAR ELK STREET.
2. ENSURE A THOROUGH SOIL REMEDIATION PROCESS IS CONDUCTED PRIOR TO DIGGING AND INSTALLING BELOW-GROUND PIPEWORK AND/OR SUPPORTS TO GUARANTEE SAFETY, COMPLIANCE, STRUCTURAL INTEGRITY, AND LONGEVITY OF THE INSTALLED SYSTEMS.



OU-3 Ground-Intrusive Locations

Buckeye Buffalo Terminal - Operable Unit 3
625 Elk Street
Buffalo, New York

Figure **3**

0 32' 64' 128'

Legend:

Features outlined below are not to scale:

- Helical Pier (HP) Location (approximate).
- Subgrade Fire Suppression Pipe Road Crossing (approximate).

KEYED NOTES

1. CONNECT THE ABOVE GRADE FIRE HYDRANT PIPEWORK TO THE FIRE PUMP MANIFOLD IN THE FOAM HOUSE.
2. REFER TO THE 3D PERSPECTIVE VIEW OF THE FOAM HOUSE ALTERATIONS.
3. PROVIDE LOW POINT DRAIN AT THE LOWEST POINT OF DIFFERENT PIPE SEGMENTS, AS INDICATED.
4. PROVIDE GROOVED 8-INCH PIPEWORK, ROUTED AS INDICATED ON SECTIONS VIEWS IN LAYOUT F-103, INSTALLED WITH SLOPE OF ¼" PER 10 FT, SUPPLEMENTAL STEEL SHALL BE ADDED AS REQUIRED FOR RACKING.
5. PROVIDE 5" STORZ CONNECTION 3'-0" ABOVE GRADE, WITH MINIMUM 3 IN. CLEARANCE BETWEEN THE HANDLE OF THE ISOLATION VALVE AND ANY ADJACENT EQUIPMENT, REFER TO DETAILS 1 TO 3 IN DRAWING F-105.
   PROVIDE PROTECTIVE BOLLARDS PROTECTION TO PROTECT THE STORZ CONNECTION FROM DAMAGE FROM VEHICLES.
6. PROVIDE AND INSTALL AN 8-INCH RESILIENT WEDGE GATE VALVE TO ISOLATE THE BELOW-GROUND SEGMENT OF THE PIPE FOR DRAINING PURPOSES. THE VALVE SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION AND SHALL BE RATED FOR BURIED SERVICE. THE ISOLATION IS INTENDED TO FACILITATE THE PURGING OF TRAPPED WATER FROM THE BELOW-GROUND PIPING USING COMPRESSED NITROGEN GAS.
7. PROVIDE A NEW 8-INCH HIGH DENSITY POLYETHYLENE (HDPE) BELOW THE GROUND WITHIN 36" SLEEVE, INSTALLED WITH SLOPE OF ¼" PER 10 FT.
8. REMOVE THE EXISTING OS&Y CONTROL VALVE AND REPLACE IT WITH A WALL POST INDICATING VALVE.
9. INSTALL A NEW CHECK VALVE AND 5" STORZ CONNECTION.
   MOUNT FIRE DEPARTMENT CONNECTION 3'-0" ABOVE GRADE, AND PROVIDE SIGNAGE INDICATING PUMP AT 1450 GPM AT 70 PSI. EXISTING FIRE DEPARTMENT CONNECTION, CONNECTED TO THE EXISTING SEMI-FIXED FOAM SYSTEM TO BE RETAINED.
10. INSTALL GROOVED 8-INCH PIPEWORK, INSTALLED WITH SLOPE OF ¼" PER 10 FT. REFER TO STRUCTURAL SET FOR SUPPORTS' ALTERATIONS.
11. THE SOUTHERN GROOVED PIPEWORK ABOVE GRADE TO RUN ON NEW SUPPORTS, REFER TO STRUCTURAL SET FOR DETAILS.
12. PROVIDE AN AUTOMATIC AIR VENT AT THE HIGH POINT OF THE PIPEWORK TO ALLOW FOR THE RELEASE OF TRAPPED AIR.
13. PROVIDE AND INSTALL A DRY-BARREL FIRE HYDRANT SUITABLE FOR FREEZE CONDITIONS, IN ACCORDANCE WITH NFPA 24 AND LOCAL AUTHORITIES' REQUIREMENTS. ENSURE ALL VALVES AND HYDRANT ARE INSTALLED IN ACCESSIBLE LOCATIONS AND RATED FOR BURIED SERVICE. PROVIDE PROTECTIVE BOLLARDS PROTECTION TO PROTECT THE DRY-BARREL HYDRANT FROM DAMAGE FROM VEHICLES.

OLD DWG NO:_____

ISO PAGE

PAGE 04

NO	LOC	DESCRIPTION OF REVISION	BY DATE	APPR DATE
2	1	ISSUED FOR AS-BUILT	LHE 04/30/26	BW 04/30/26
1	0	ISSUED FOR CONSTRUCTION	MM 01/16/26	JP 01/16/26

WORK ORDER NO. PROJECT NUMBER

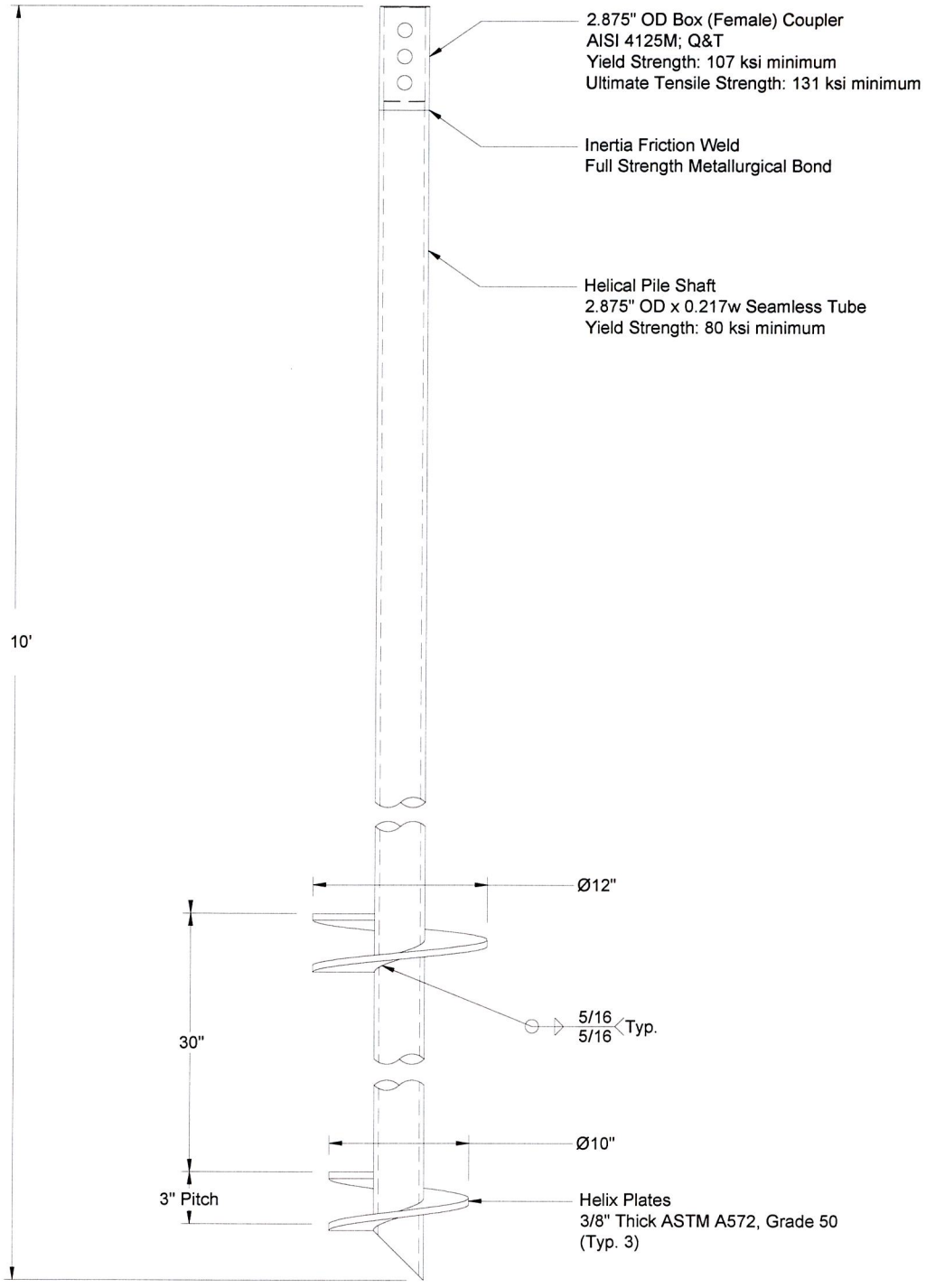
BUCKEYE PARTNERS, LP

FIRE PROTECTION
NEW WORK PLAN
BUCKEYE TERMINALS
625 ELK STREET, BUFFALO, NEW YORK

DRAWN: AL | SCALE: 1/64" | DATE: 01/16/26

APPROVED: JP | CHECKED: JP | F-103 DRAWING NUMBER | REV 1

F-103.DWG



NOTES:

1. Ultimate Torque Rating: 13,000 ft-lbs
2. Ultimate Capacity Based on Torque: 117 kips
3. Installation Torque Factor (K_t): 8.0 - 9.0
4. Coupling Bolts: Ø3/4" dia. heavy hex bolt per ASTM A325 (Typ. 3 per Connection)
5. All material to be hot dip galvanized per ASTM A123

Helical Pier Schematic and Specifications

Buckeye Buffalo Terminal - Operable Unit 3
625 Elk Street
Buffalo, New York

Figure **4**

VIKING HELICAL ANCHORS
7615 Smetana Lane, Suite 140
Eden Prairie, MN 55344
Office: (800) 733-3801
Fax: (952) 941-4633
www.vikinghelicalanchors.com

CLIENT	PROJECT/DRAWING TITLE
N/A	2.875" OD x 0.217w Helical Pile Lead Section Standard Specifications

PRELIMINARY DESIGN: THIS DRAWING IS MEANT TO SERVE AS AN EXAMPLE ONLY. NOT ISSUED FOR CONSTRUCTION.

SCALE	DRAWING NUMBER	REV.	AUTHOR	DATE
NTS	VHA-101820161	1.0	TJH	10/18/2016

Appendix A – Daily CAMP Reports

DAILY AIR MONITORING REPORT

Real-Time Particulate and Air Monitoring
Buckeye Terminals, LLC - Buffalo Terminal - OU-3
625 Elk Street, Buffalo, NY
NYSDEC Site Number C915201D
12/15/2025

Particulate Statistics and Summary Data

Station Location	Daily Average Dust Concentration (mg/m^3)	Max. 15 Min Dust Concentration (mg/m^3)	Time of Max. Reading
AMS 1	0.006	0.008	9:36
AMS 2	0.005	0.007	9:35
AMS 3 (Upwind)	0.005	0.008	9:19

TVOC Statistics and Summary Data

Station Location	Daily Average TVOC Concentration (ppm)	Max. 15 Min TVOC Concentration (ppm)	Time of Max. Reading
AMS 1	0.083	0.153	12:00
AMS 2	0.001	0.010	12:02
AMS 3 (Upwind)	0.060	0.089	11:54

Dust Alert Level = 0.100 mg/m3 over 15-min rolling average
TVOC Alert Level = 5 ppm over 15-min rolling average
"--" indicates no data or NA

Station	Latitude	Longitude
AMS 1	42.862160	-78.830350
AMS 2	42.861670	-78.830460
AMS 3 (Upwind)	42.862540	-78.832100

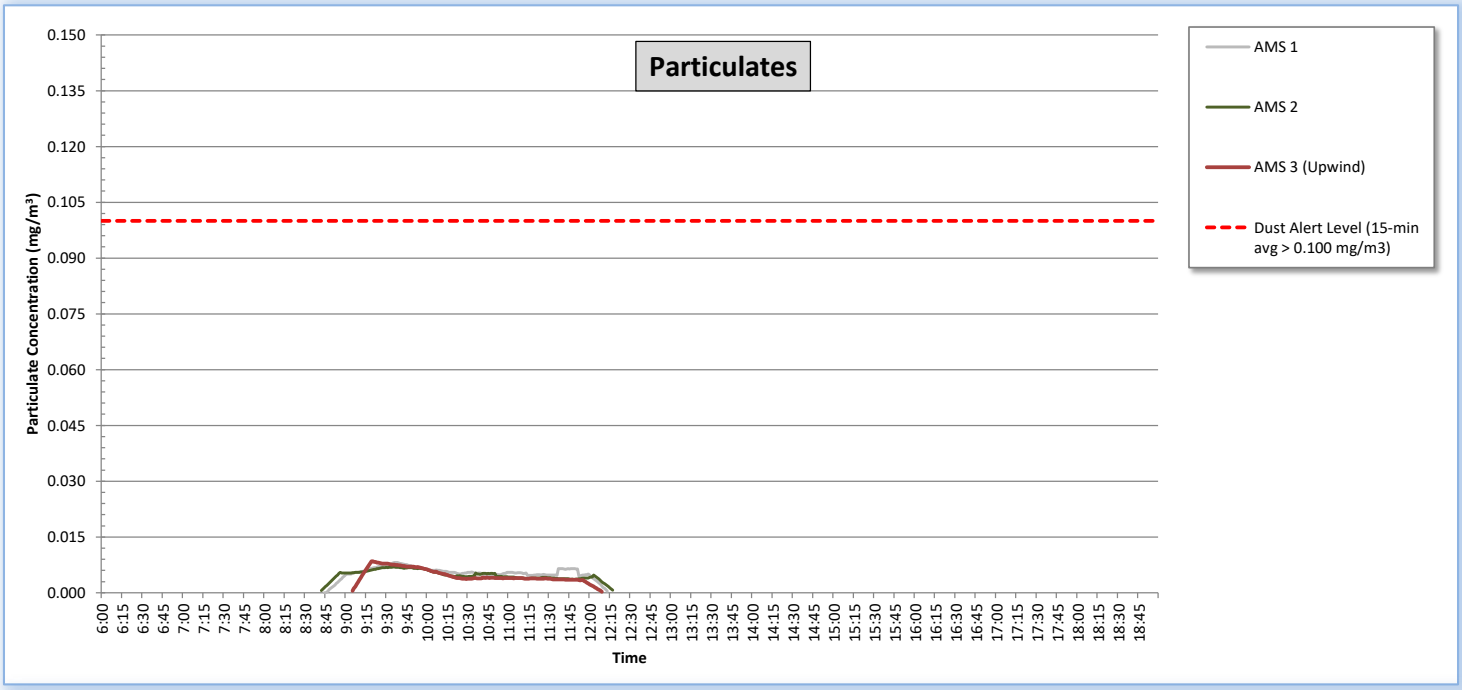
Notes for Report: Operable Unit 3 (OU-3) CAMP monitoring was initiated at 8:40 am. and ended at 12:15pm. The weather conditions included temperatures around 20°F, with winds coming in from the west.

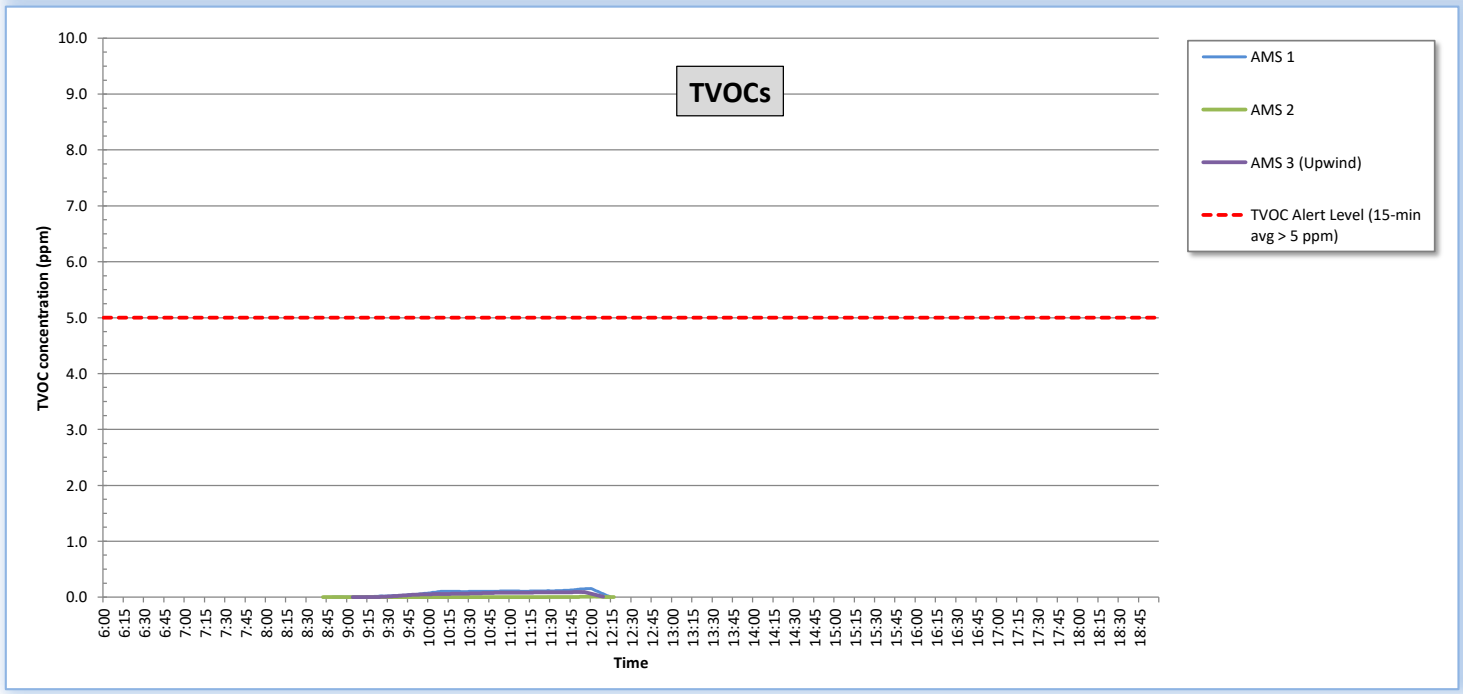
Report Submitted By: Field Data Solutions on behalf of GES and Buckeye.

DAILY AIR MONITORING REPORT

Real-Time Particulate and Air Monitoring
Buckeye Terminals, LLC - Buffalo Terminal - OU-3
625 Elk Street, Buffalo, NY
NYSDEC Site Number C915201D
12/15/2025

15-Min Rolling Average Values





DAILY AIR MONITORING REPORT

Real-Time Particulate and Air Monitoring
Buckeye Terminals, LLC - Buffalo Terminal - OU-3
625 Elk Street, Buffalo, NY
NYSDEC Site Number C915201D
12/17/2025

Particulate Statistics and Summary Data

Station Location	Daily Average Dust Concentration (mg/m^3)	Max. 15 Min Dust Concentration (mg/m^3)	Time of Max. Reading
AMS 1	0.028	0.042	15:50
AMS 2	0.029	0.043	15:53
AMS 3 (Upwind)	0.026	0.039	15:56

TVOC Statistics and Summary Data

Station Location	Daily Average TVOC Concentration (ppm)	Max. 15 Min TVOC Concentration (ppm)	Time of Max. Reading
AMS 1	0.001	0.004	11:45
AMS 2	0.059	0.106	15:53
AMS 3 (Upwind)	0.011	0.019	11:18

Dust Alert Level = 0.100 mg/m3 over 15-min rolling average
TVOC Alert Level = 5 ppm over 15-min rolling average
"--" indicates no data or NA

Station	Latitude	Longitude
AMS 1	42.862030	-78.830820
AMS 2	42.862160	-78.830360
AMS 3 (Upwind)	42.861860	-78.832040

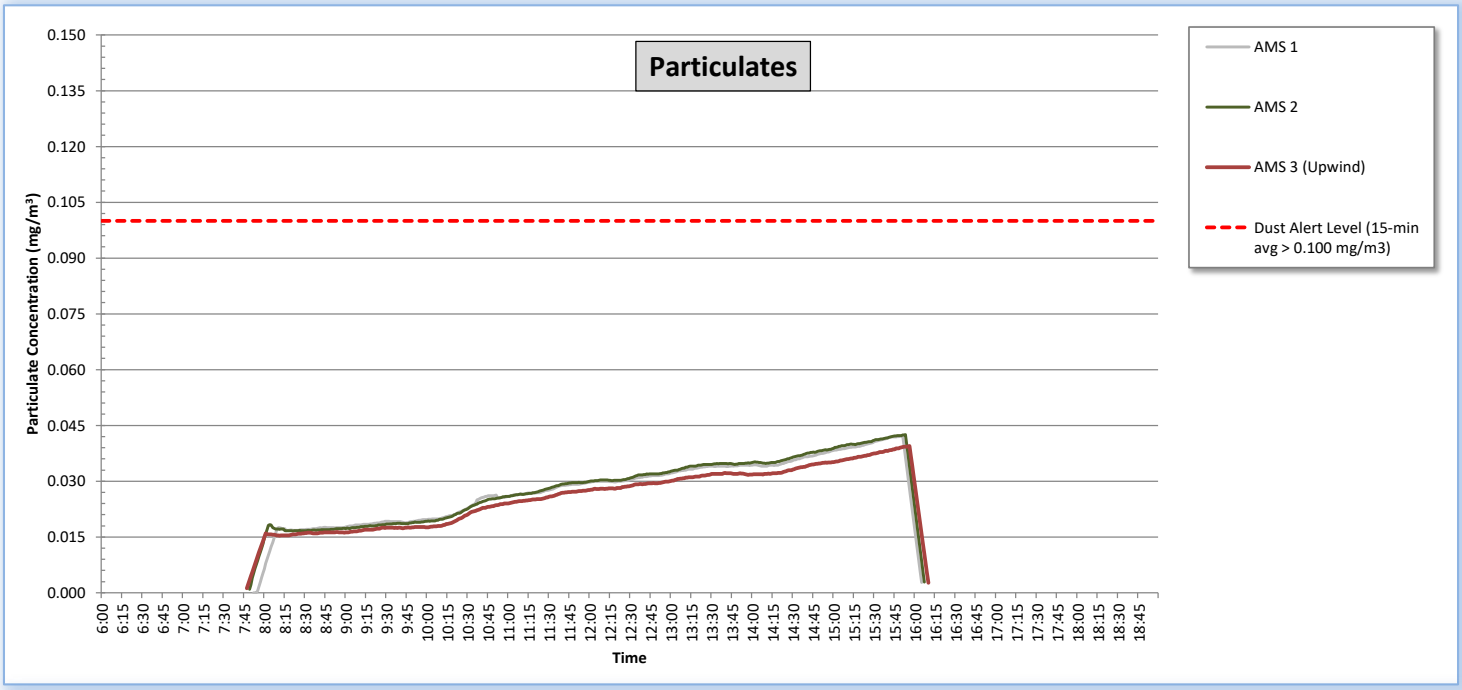
Notes for Report: Operable Unit 3 (OU-3) CAMP monitoring was initiated at 8:00 am. and ended at 3:45 pm. The weather was cloudy included temperatures in the 30°Fs, with winds coming in from the southwest.

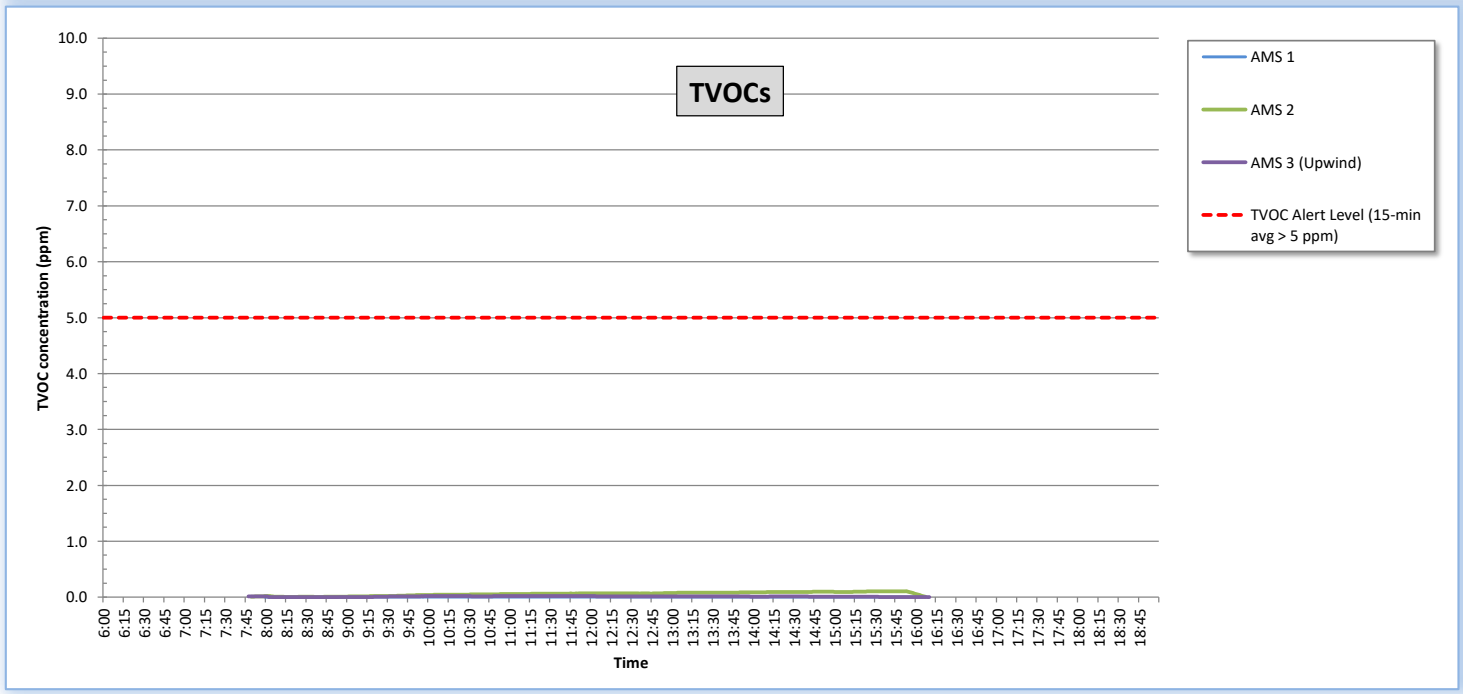
Report Submitted By: GES on behalf of Buckeye.

DAILY AIR MONITORING REPORT

Real-Time Particulate and Air Monitoring
Buckeye Terminals, LLC - Buffalo Terminal - OU-3
625 Elk Street, Buffalo, NY
NYSDEC Site Number C915201D
12/17/2025

15-Min Rolling Average Values





DAILY AIR MONITORING REPORT

Real-Time Particulate and Air Monitoring
Buckeye Terminals, LLC - Buffalo Terminal - OU-3
625 Elk Street, Buffalo, NY
NYSDEC Site Number C915201D
12/18/2025

Particulate Statistics and Summary Data

Station Location	Daily Average Dust Concentration (mg/m^3)	Max. 15 Min Dust Concentration (mg/m^3)	Time of Max. Reading
AMS 1	0.030	0.077	8:02
AMS 2	0.028	0.069	8:21
AMS 3 (Upwind)	0.027	0.083	8:53

TVOC Statistics and Summary Data

Station Location	Daily Average TVOC Concentration (ppm)	Max. 15 Min TVOC Concentration (ppm)	Time of Max. Reading
AMS 1	0.045	0.080	8:56
AMS 2	0.090	0.167	12:49
AMS 3 (Upwind)	0.060	0.088	12:02

Dust Alert Level = 0.100 mg/m3 over 15-min rolling average
TVOC Alert Level = 5 ppm over 15-min rolling average
"--" indicates no data or NA

Station	Latitude	Longitude
AMS 1	42.862030	-78.830800
AMS 2	42.862570	-78.831530
AMS 3 (Upwind)	42.861880	-78.831640

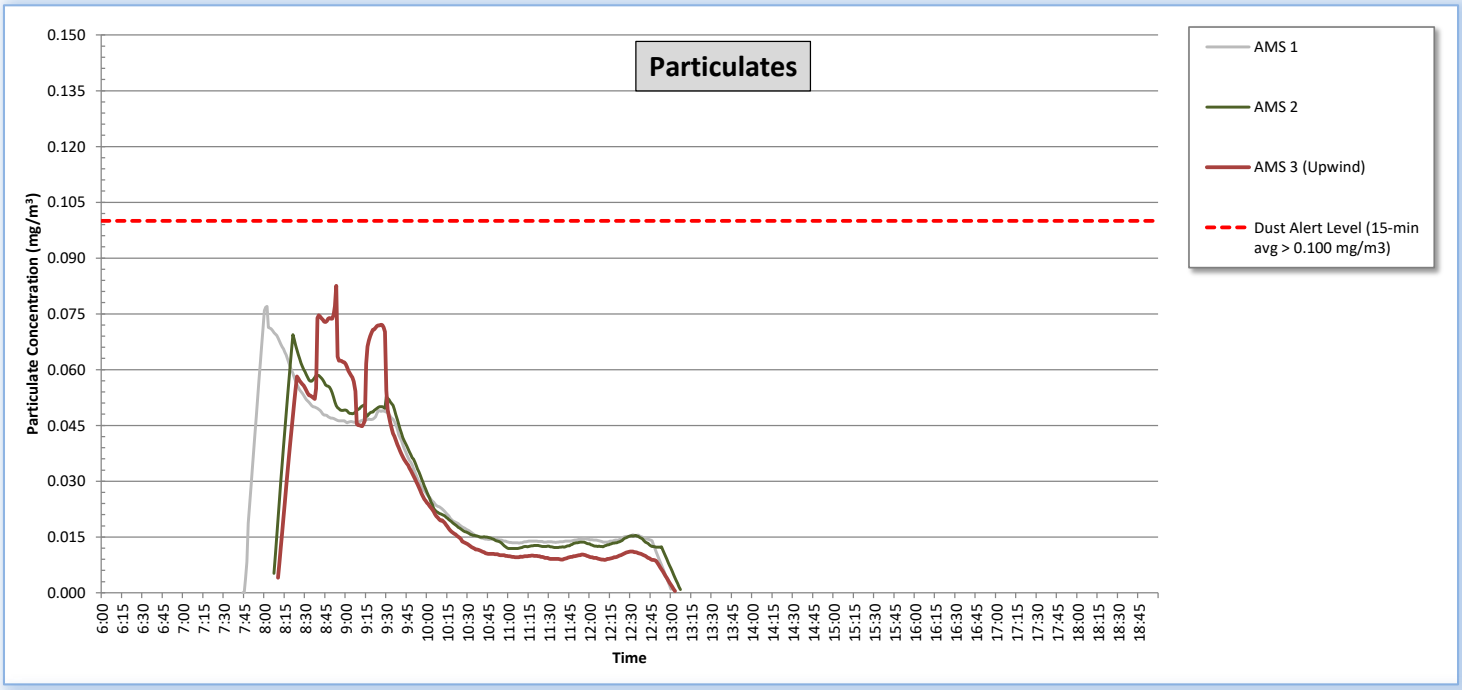
Notes for Report: Operable Unit 3 (OU-3) CAMP monitoring was initiated at 8:10 am. and ended at 12:50 pm. The weather was sunny included temperatures ranging from 30°Fs to the 50°Fs, with winds coming in from the south.

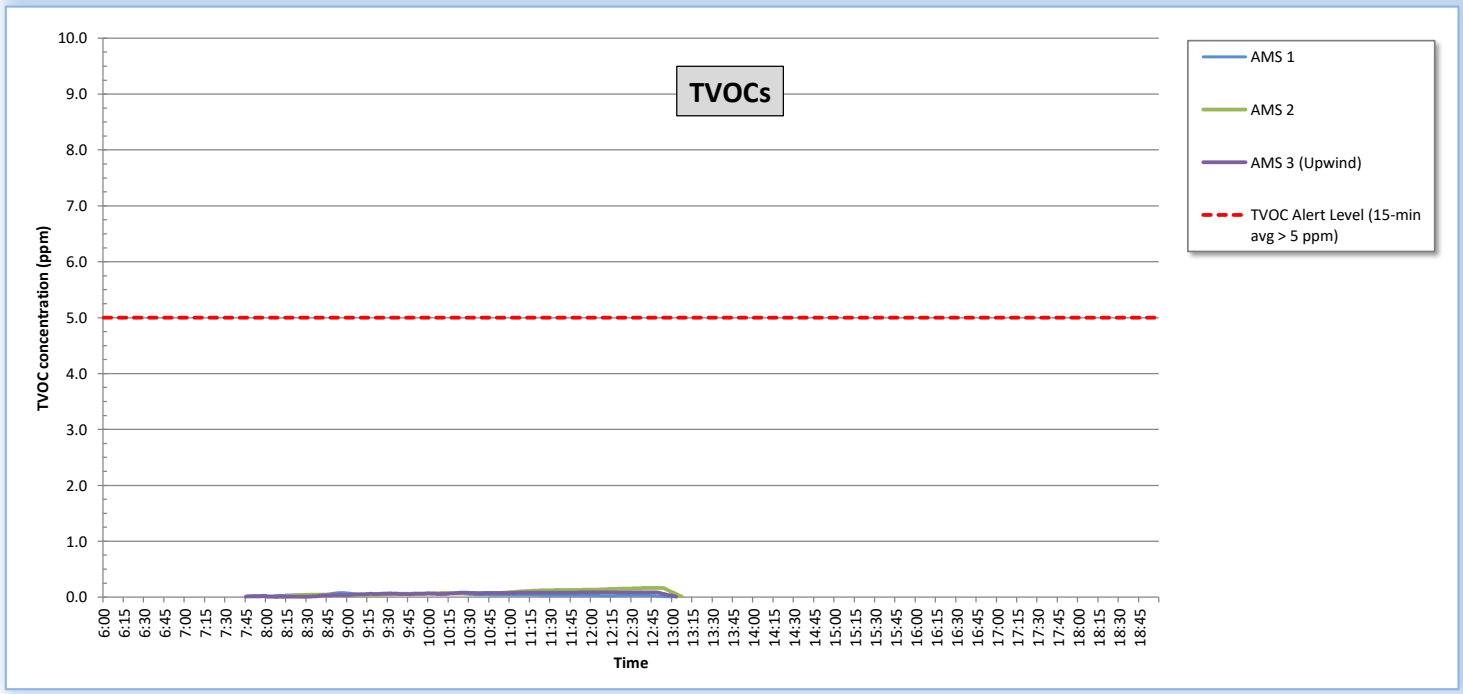
Report Submitted By: GES on behalf of Buckeye.

DAILY AIR MONITORING REPORT

Real-Time Particulate and Air Monitoring
Buckeye Terminals, LLC - Buffalo Terminal - OU-3
625 Elk Street, Buffalo, NY
NYSDEC Site Number C915201D
12/18/2025

15-Min Rolling Average Values





DAILY AIR MONITORING REPORT

Real-Time Particulate and Air Monitoring
Buckeye Terminals, LLC - Buffalo Terminal - OU-3
625 Elk Street, Buffalo, NY
NYSDEC Site Number C915201D
1/13/2026

Particulate Statistics and Summary Data

Station Location	Daily Average Dust Concentration (mg/m^3)	Max. 15 Min Dust Concentration (mg/m^3)	Time of Max. Reading
AMS 1 (Upwind)	0.023	0.030	8:03
AMS 2	0.020	0.026	8:06
AMS 3	0.028	0.035	8:10

TVOC Statistics and Summary Data

Station Location	Daily Average TVOC Concentration (ppm)	Max. 15 Min TVOC Concentration (ppm)	Time of Max. Reading
AMS 1 (Upwind)	0.000	0.001	7:48
AMS 2	0.000	0.000	--
AMS 3	0.000	0.003	9:13

Dust Alert Level = 0.100 mg/m3 over 15-min rolling average
TVOC Alert Level = 5 ppm over 15-min rolling average
"--" indicates no data or NA

Station	Latitude	Longitude
AMS 1 (Upwind)	42.861900	-78.831840
AMS 2	42.862270	-78.831460
AMS 3	42.861950	-78.830840

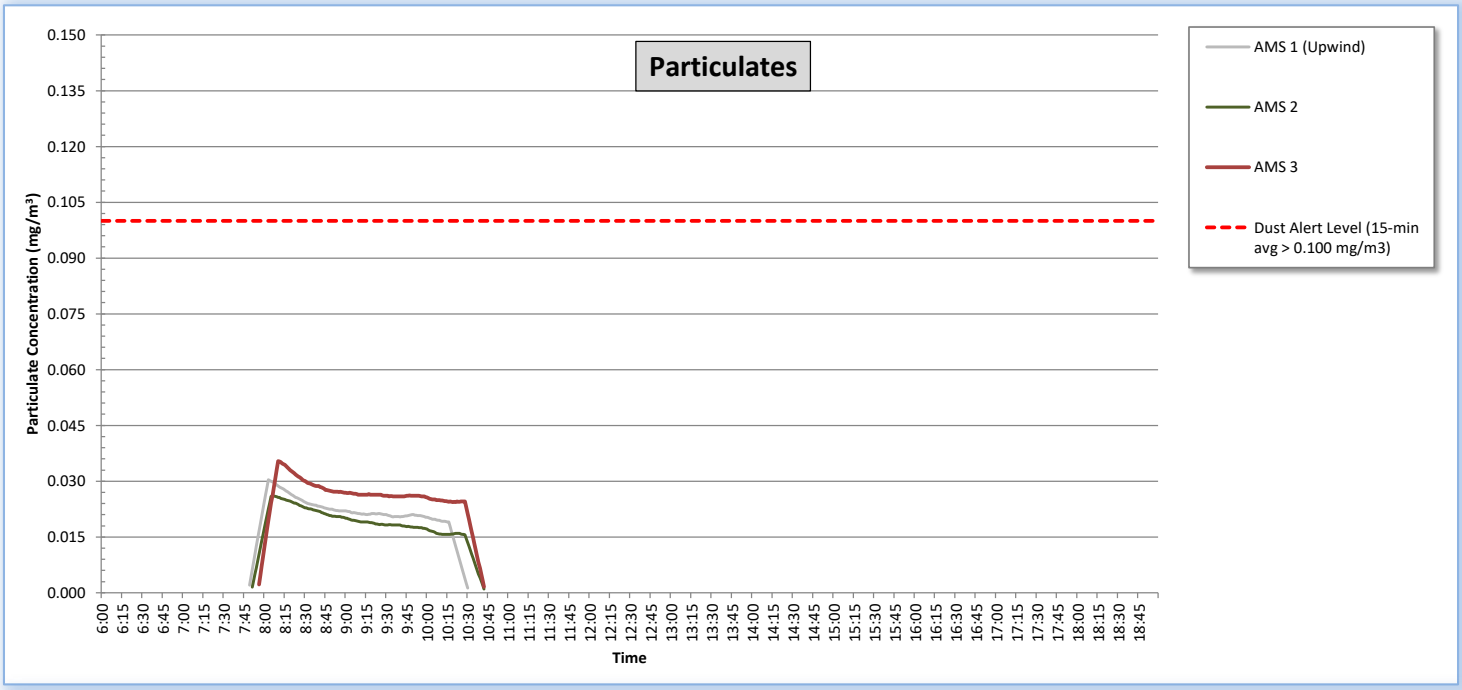
Notes for Report: Operable Unit 3 (OU-3) CAMP monitoring was initiated at 7:55 am. and ended at 10:30 am. The weather was cloudy with temperatures ranging from 30°Fs to the 40°Fs and winds from the south.

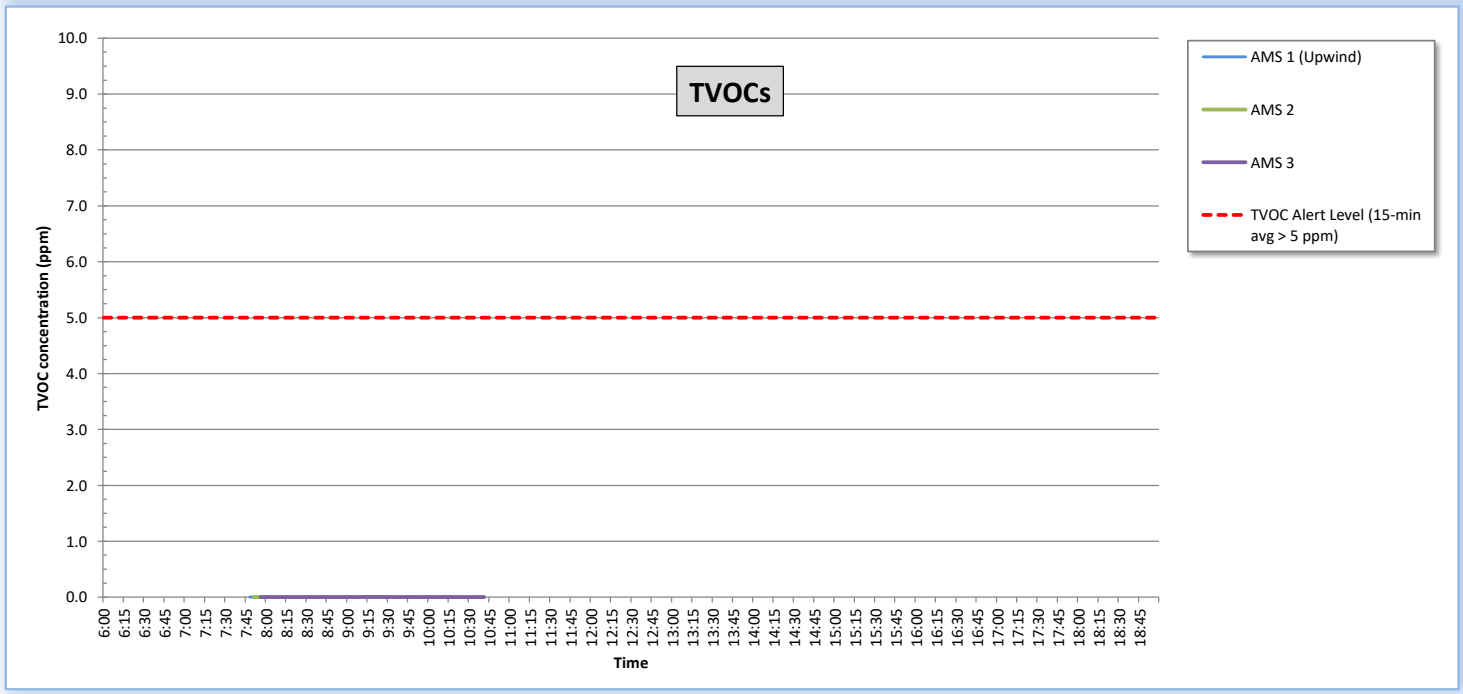
Report Submitted By: GES on behalf of Buckeye.

DAILY AIR MONITORING REPORT

Real-Time Particulate and Air Monitoring
Buckeye Terminals, LLC - Buffalo Terminal - OU-3
625 Elk Street, Buffalo, NY
NYSDEC Site Number C915201D
1/13/2026

15-Min Rolling Average Values





Appendix B – Photographic Log

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #: 1

Comments:

Proposed OU-3 trenching area for the new subgrade fire suppression piping installation.

View is to the southwest.

Photo taken on August 26, 2025.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #: 2

Comments:

Proposed OU-3 trenching area for the new subgrade fire suppression piping installation.

View is to the east towards OU-4.

Photo taken on August 26, 2025.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	3

Comments:

OU-3/OU-4 boundary driveway.

View is to the east towards OU-4.

Photo taken on August 26, 2025.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	4

Comments:

Proposed trench location across the OU-3 driveway between Tank 90 and Tank 97.

View is to the north.

Photo taken on August 26, 2025.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #: 5

Comments:

Mark-out of the planned asphalt cut in the OU-3 driveway near the bottom of the driveway ramp at the OU-3/OU-4 boundary.

View is to the southeast.

Photo taken on December 15, 2025.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #: 6

Comments:

Mark-out of the planned asphalt cut in the OU-3 driveway.

View is to the southwest.

Photo taken on December 15, 2025.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	7

Comments:
View of excavated trench at the bottom of the driveway ramp at the OU-3/OU-4 boundary.

View is to the south.

Photo taken on December 15, 2025.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	8

Comments:

Trenching at the bottom of the driveway ramp at the OU-3/OU-4 boundary.

View is to the south.

Photo taken on December 15, 2025.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

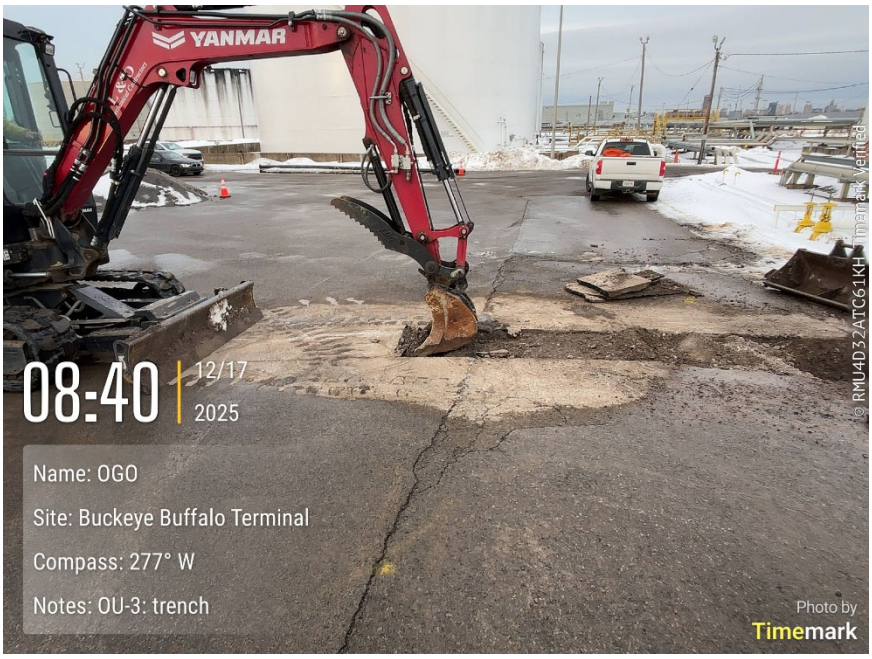
Photo #:	9

Comments:

Removal of asphalt for the trench in OU-3 near the OU-3/OU-4 boundary.

View is to the west.

Photo taken on December 17, 2025.



Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	10

Comments:

Mark-out of the planned asphalt cut in the OU-3 driveway for the new subgrade fire suppression piping between Tank 90 and Tank 97.

View is to the south.

Photo taken on December 17, 2025.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #: 11

Comments:

Trenching across the OU-3 driveway at the bottom of the ramp of the OU-3/OU-4 boundary.

View is to the southwest.

Photo taken on December 17, 2025.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #: 12

Comments:

Fire suppression piping set in the OU-3 trench between the existing pipe rack system and the concrete retaining wall near the OU3/OU-4 boundary.

View is to the south.

Photo taken on December 17, 2025.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	13

Comments:

The excavated trench in the OU-3 driveway between Tank 90 and Tank 97.

View is to the east.

Photo taken on December 17, 2025.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	14

Comments:

Installation of the new subgrade fire suppression piping placed within a section of steel-sleeved pipe across the OU-3 driveway between Tank 90 and Tank 97.

View is to the northwest.

Photo taken on December 17,2025.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #: 15

Comments:

Asphalt saw cutting for the installation of the four (4) OU-3 helical piers located near the concrete retaining wall at the OU-3/OU-4 boundary.

View is the southeast.

Photo taken on December 18, 2025.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #: 16

Comments:

Installation of the plastic liner and temporary concrete patch across the OU-3 driveway between Tank 90 and Tank 97.

View is to the southwest.

Photo taken on December 18, 2025.

Site Name: Buffalo Terminal - OU-3	**Site Location: 625 Elk Street, Buffalo, NY**

Photo #:	17

Comments:

Temporary concrete patch of the OU-3 trench scar located between the existing pipe-rack system and the concrete retaining wall near the OU-3/OU-4 boundary.

View is to the northwest.

Photo taken on December 18, 2025.

Site Name: Buffalo Terminal - OU-3	**Site Location: 625 Elk Street, Buffalo, NY**

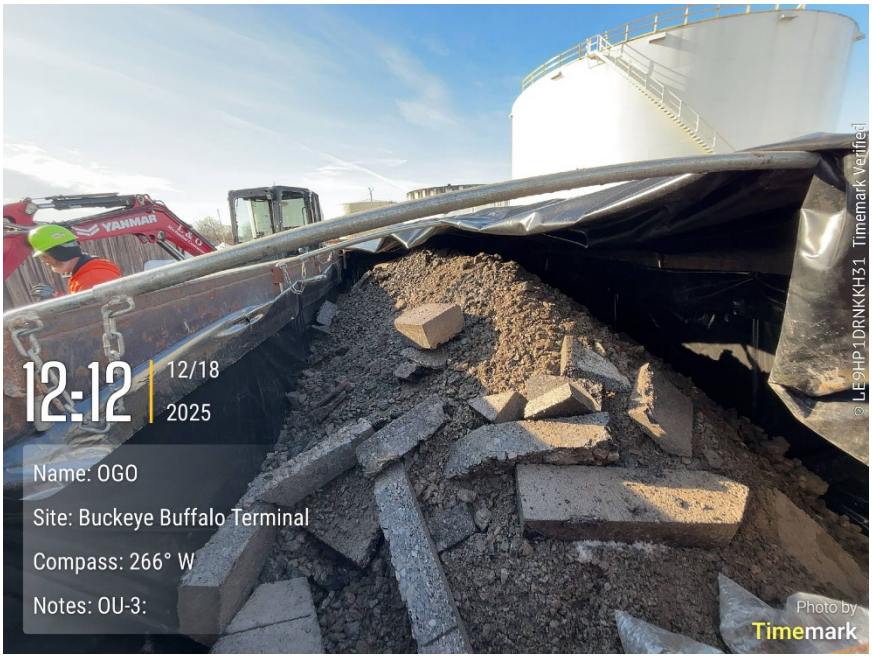
Photo #:	18

Comments:

OU-3 soil and asphalt debris removed from the excavated OU-3 trenches and helical pier locations.

View is to the west.

Photo taken on December 18, 2025.



Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	19

Comments:

Installation of OU-3 helical pier number #1 (HP-1) positioned along the concrete retaining wall near the OU-3/OU-4 boundary.

View is to the east.

Photo taken on January 13, 2026.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	20

Comments:

Completed installation of OU-3 HP-1 positioned along the concrete retaining wall near the OU-3/OU-4 boundary.

View is to the south.

Photo taken on January 13, 2026.

Site Name: Buffalo Terminal - OU-3	**Site Location: 625 Elk Street, Buffalo, NY**

Photo #:	21

Comments:

View of the OU-3 roll-off container staged along the concrete retaining wall near the OU-3/OU-4 boundary.

View is to the east.

Photo taken on January 13, 2026.

Site Name: Buffalo Terminal - OU-3	**Site Location: 625 Elk Street, Buffalo, NY**

Photo #:	22

Comments:

Removal of the temporary flowable fill patch placed over the OU-3 driveway trench location between Tank 90 and Tank 97.

View is to the east.

Photo taken on May 4, 2026.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	23

Comments:

View of the OU-3 driveway trench between Tank 90 and Tank 97 after the temporary flowable fill patch was removed.

View is to the east.

Photo taken on
May 4, 2026.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	24

Comments:

Removal of the temporary flowable fill patch in the OU-3 driveway trench near the OU-3/OU-4 boundary and retaining wall.

View is to the south.

Photo taken on
May 4, 2026.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

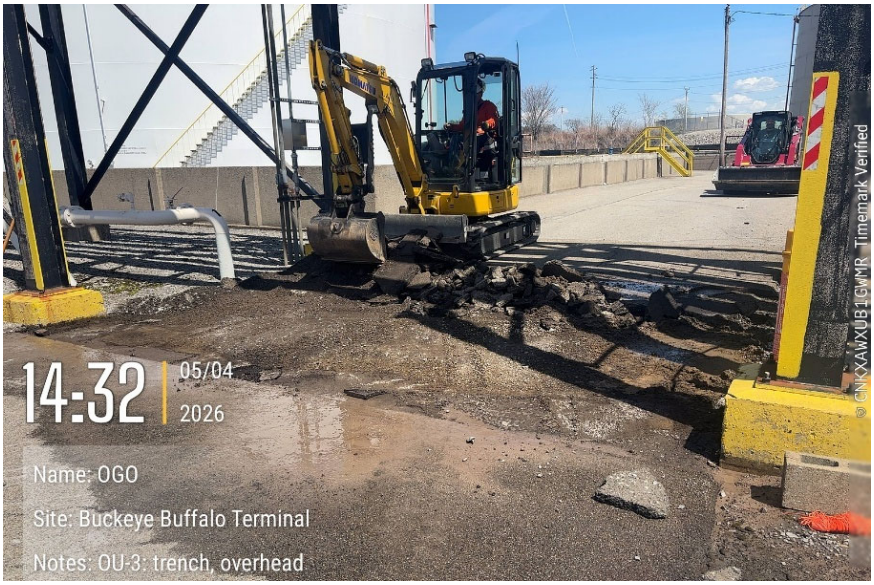
Photo #:	25

Comments:

Additional asphalt pavement repair work was completed beneath the overhead pipe-rack system in OU-3.

View is to the northeast.

Photo taken on
May 4, 2026.



Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	26

Comments:

Additional asphalt pavement repair work was completed near the overhead pipe-rack system in OU-3.

View is to the northeast.

Photo taken on
May 4, 2026.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	27

Comments:

Additional asphalt pavement repair work was completed in the driveway near the OU-3/OU-4 boundary.
View is to the east.

Photo taken on
May 4, 2026.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	28

Comments:

View of the OU-3 roll-off container staged along the concrete retaining wall near the OU-3/OU-4 boundary utilized for the flowable fill material removed from the temporary OU-3 driveway patches and additional asphalt debris.

View is to the south.

Photo taken on
May 4, 2026.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	29

Comments:

Placement of asphalt pavement in the driveway patch near the OU-3/OU-4 boundary.

View is to the east.

Photo taken on
May 5, 2026.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	30

Comments:

New asphalt pavement cover in the OU-3 driveway and trench scar located near the OU-3/OU-4 boundary.

View is to the southeast.

Photo taken on
May 5, 2026.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

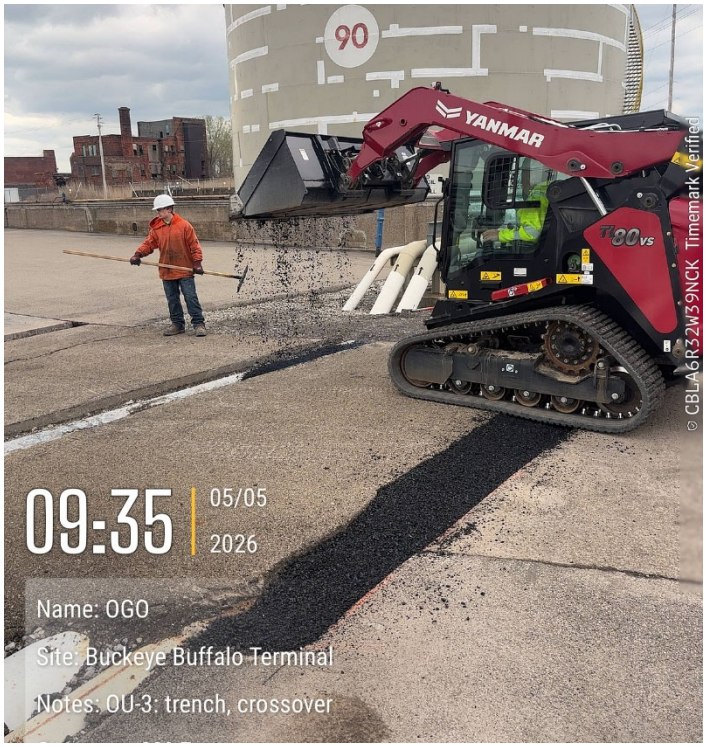
Photo #:	31

Comments:

Asphalt pavement placed in the OU-3 driveway trench crossing located between Tank 90 and Tank 97.

View is to the east.

Photo taken on May 5, 2026.



Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

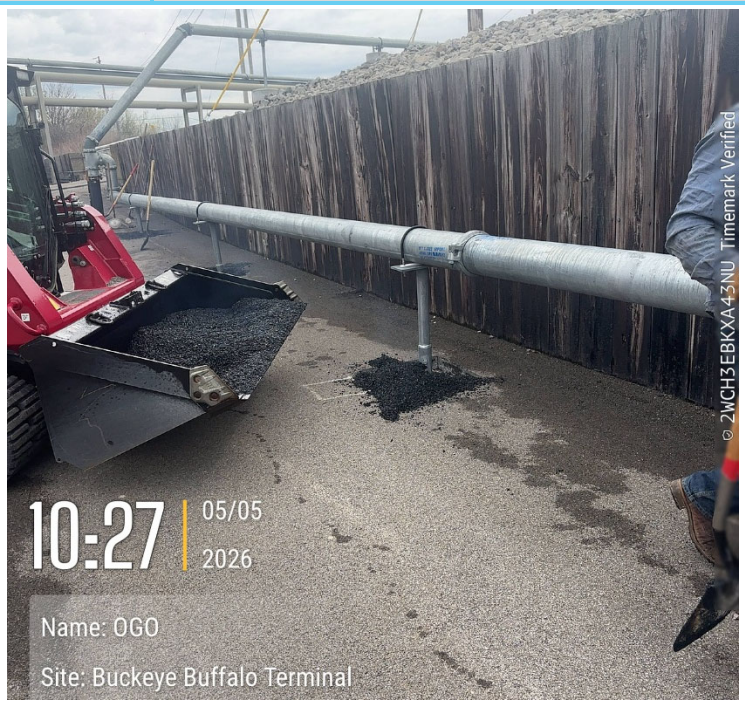
Photo #:	32

Comments:

Asphalt pavement placed in the pavement openings around the base of each OU-3 helical pier located along the retaining wall near the OU-3/OU-4 boundary.

View is to the northeast.

Photo taken on May 5, 2026.



Site Name: Buffalo Terminal - OU-3	**Site Location: 625 Elk Street, Buffalo, NY**

Photo #:	33

Comments:

Asphalt pavement placed in the OU-3 driveway crossover located between Tank 90 and Tank 97.

View is to the northwest.

Photo taken on
May 5, 2026.

Site Name: Buffalo Terminal - OU-3	**Site Location: 625 Elk Street, Buffalo, NY**

Photo #:	34

Comments:

Asphalt pavement compaction in the additional OU-3 driveway patches completed in OU-3.

View is to the northwest.

Photo taken on
May 5, 2026.

Site Name: Buffalo Terminal - OU-3	**Site Location: 625 Elk Street, Buffalo, NY**

Photo #:	35

Comments:

Asphalt pavement placed in the additional OU-3 patches beneath the overhead pipe-rack system in OU-3.

View is to the northwest.

Photo taken on
May 5, 2026.

Site Name: Buffalo Terminal - OU-3	**Site Location: 625 Elk Street, Buffalo, NY**

Photo #:	36

Comments:

Completed asphalt pavement restoration in the trench scar located in the OU-3 driveway near the OU-3/OU-4 boundary.

View is to the southeast.

Photo taken on
May 5, 2026.

Site Name: Buffalo Terminal - OU-3	Site Location: 625 Elk Street, Buffalo, NY

Photo #:	37

Comments:

Completed asphalt pavement placed at the base of each OU-3 helical pier location near the retaining wall in OU-3.

View is to the south.

Photo taken on
May 5, 2026.

Appendix C - Imported Fill Delivery Tickets

B.T.S. SERVICES INC.

7871 Transit Road
East Amherst, New York 14051
Phone: 716-688-4812 • 716-622-2585

CUSTOMER	DATE
L + O	12 / 15 / 25

JOB LOCATION

Buckeye

EQUIP. #	OPERATOR
700	JAKE

DUMP TRUCK SERVICE ☐

BACK HOE SERVICE ☐

BULLDOZER SERVICE ☐

JOB START _____

JOB FINISH _____

TRAVEL TIME _____

TOTAL _____

WORK PERFORMED:

1A — 13.11 ton # 128908855

2" rock — 13.33 ton # 128908925

OUR RESPONSIBILITY ENDS AT THE CURB.

60010

CUSTOMER SIGNATURE _____

AMRIZE

CONDITIONS

DELIVERY CONDITIONS:
Responsible for curb side delivery only. Concrete placed during cold/hot weather requires special procedures. Appropriate placing prodedure are the responsibility of the purchaser.

TERMS OF PAYMENT:
As per Quotation

Genesee

Ticket Number
74809467

10-1 Load	10-2 Leave Plant Load	10-3 Arrive Job Site	
12/18/25 8:56			
10-5 Start Discharge	**10-6 Finish Discharge**	**10-9 Leave Job Site**	**10-10 Arrive Plant**
12/18/25 9:00	12/18/25 9:02		

ADDITIONAL WATERADDED TO THIS CONCRETE WILL ADVERSELY AFFECT ITS PERFORMANCE. ANY WATER ADDED IS AT CUSTOMER'S RISK. PLASTICIZER CAN BE ADDED AT AN ADDITIONAL CHARGE.

WATER ADDED Y N TIME AMOUNT TIME AMOUNT POUR SLUMP

SP ADDED ON SITE Y N AMOUNT:_____ PRINT NAME:_____ SIGNED BY:_____

PROJECT NAME:	COMMENTS:
2025 VARIOUS RMX - L & O PLUMBIN	

CONCRETE USE	ORDER#	Load Size	MIX	Order Slump	%Air	DATE
	1002		RMX240072	4	0.00	12/18/25

SOLD TO:	CUSTOMER#	PROJECT#	P.O	SPEC.SLUMP	# of LOAD
L & O PLUMBING & HEATING	88953	400971674			1

DRIVER	TRUCK#	Map PAGE	ZONE#	PLANT	Job No	TIME DUE	PRINT TIME
62342	3010335		ZONE0	059			8:59

DELIVERY:	INSTRUCTIONS :
625 ELK ST- BUFFALO- BUCKEYE TER	LEFT GENNY TO 33 W TO 90 W TO 190 N EXIT 4 RIGHT SMITH LEFT ELKRIGHT INTO BUCKEYE TERMINALS GOTO GATE

Quantity this Load	Quantity Delivered	Quantity Ordered	Product Code	Product Description	Unit Price	Total Price
4.00	4.00	4.00	RMX240072	4000,PERFORM 01,		
4.00	488.80	1.00	NCA	NCA 2.00%		
1.00		0.00	904096	FUEL CHARGE		
4.00		0.00	904005	ENVIRONMENTAL FEE		
4.00		0.00	904594	FULL WINTERIZATION		

X _____

Signature

Sub Total

Tax

Amount

TOTAL

Cummualtive Total

Appendix D - OU-3 Roll-Off Container Inspection Logs

GES WEEKLY OU-3 WASTE INSPECTION CHECKLIST

Site Name: Buckeye Buffalo Terminal – Operable Unit 3 (OU-3)
Address: 625 Elk Street, Buffalo, New York
Task: Weekly inspection of OU-3 waste.

This checklist should be completed on a minimum of a weekly basis (and after every significant storm event) if OU-3 waste is temporarily staged at the facility. The GES employee completing the checklist should verify that each item is meeting the satisfactory conditions for proper containment of the OU-3 waste. For each item, mark **Yes, No, or Not Applicable (NA)**. If **No**, provide below the date, details, and the corrective action steps taken to correct the condition. Please use and complete a separate column if there is more than one (1) OU-3 waste containment staged on site.

Date of Waste Inspection:	12/15	12/17	12/18	12/24	12/31	1/7/26
Weekly Inspection Completed By:				NW	NW	NW
List Type of Waste Container [(Soil Pile (SP), Roll-Off Dumpster (RO), Drum (D), Other (O)]	RO	RO	RO	RO	RO	RO
Weather Conditions:	Cloudy	Cloudy	Sunny	Sunny	Cloudy	Cloudy
1. Is the waste SP or container staged on an impervious surface (i.e., concrete or asphalt pavement)?	Y	Y	Y	Y	X	Y
2. Is the waste staged on plastic sheeting (for SP) or placed within a plastic-lined (for RO) container?	Y	Y	Y	Y	Y	Y
3. Is the plastic sheeting or tarp in good condition and free of holes or damage?	Y	Y	Y	Y	Y	Y
4. Is the plastic sheeting or tarp free of debris and/or ponded water?	Y	Y	Y	Y	Y	Y
5. Is the plastic sheeting or tarp adequately secured in place over the SP or container (i.e., weighted down with no exposed waste)?	Y	Y	Y	Y	Y	Y
6. Are hay bales or other sediment control devices in place around the perimeter of the SP if the SP is staged near a catch basin or other discharge point?	NA	NA	NA	N/A	N/A	N/A
7. Are all hay bales or other sediment control devices in good condition around the perimeter of the SP if the SP is staged near a catch basin or other discharge point?	NA	NA	NA	N/A	N/A	N/A
8. Are there any signs of soil erosion, migration, or runoff around the perimeter of the SP or beneath the waste container?	NO	N	N	~~N/A~~ NO	NO	NO
9. Are there any visible signs of tampering, trespassing, vandalism, damage, or modifications to the SP or waste container?	NO	N	N	NO	NO	NO
10. Is the drum(s) in good condition (i.e., free of dents and corrosion, not bulging, or otherwise deteriorating)?	NA	NA	NA	N/A	N/A	N/A
11. Does each drum contain a label placed on the exterior of the drum that is properly labeled with the generator's name, address, and contact, drum contents, and accumulation start date?	NA	NA	NA	N/A	N/A	N/A
12. Are safety cones or other barricades in place to mark out the perimeter of the SP or waste container?	N	N	N	NO	NO	NO
13. Were photos taken of the SP or waste container during the inspection?	Y	Y	Y	Y	NO	NO
I verify and initial that the above information is correct by initialing in the cell box to the right:	OO	OO	OO	NW	NW	NW

Date/Details/Corrective Actions:

GES WEEKLY OU-3 WASTE INSPECTION CHECKLIST

Site Name: Buckeye Buffalo Terminal – Operable Unit 3 (OU-3)
Address: 625 Elk Street, Buffalo, New York
Task: Weekly inspection of OU-3 waste.

This checklist should be completed on a minimum of a weekly basis (and after every significant storm event) if OU-3 waste is temporarily staged at the facility. The GES employee completing the checklist should verify that each item is meeting the satisfactory conditions for proper containment of the OU-3 waste. For each item, mark **Yes, No, or Not Applicable (NA)**. If No, provide below the date, details, and the corrective action steps taken to correct the condition. Please use and complete a separate column if there is more than one (1) OU-3 waste containment staged on site.

Date of Waste Inspection:	1/14/26	1/20/26	1/28/26	2/4/26	2/11/26	2/18/26
Weekly Inspection Completed By:	NWard	NWard	NWard	NWard	NWard	NWard
List Type of Waste Container [(Soil Pile (SP), Roll-Off Dumpster (RO), Drum (D), Other (O)]	RO	RO	RO	RO	RO	RO
Weather Conditions:	Cloudy 15s	Cloudy 15s	Cloudy 10s	Sunny 10s	Cloudy 30s	Cloudy 30s
1. Is the waste SP or container staged on an impervious surface (i.e., concrete or asphalt pavement)?	Y	Y	Y	Y	Y	Y
2. Is the waste staged on plastic sheeting (for SP) or placed within a plastic-lined (for RO) container?	Y	Y	Y	Y	Y	Y
3. Is the plastic sheeting or tarp in good condition and free of holes or damage?	Y	Y	Y	Y	Y	Y
4. Is the plastic sheeting or tarp free of debris and/or ponded water?	Y	Y	Y	Y	Y	Y
5. Is the plastic sheeting or tarp adequately secured in place over the SP or container (i.e., weighted down with no exposed waste)?	Y	Y	Y	Y	Y	Y
6. Are hay bales or other sediment control devices in place around the perimeter of the SP if the SP is staged near a catch basin or other discharge point?	N/A	N/A	N/A	N/A	N/A	N/A
7. Are all hay bales or other sediment control devices in good condition around the perimeter of the SP if the SP is staged near a catch basin or other discharge point?	N/A	N/A	N/A	N/A	N/A	N/A
8. Are there any signs of soil erosion, migration, or runoff around the perimeter of the SP or beneath the waste container?	No	No	No	No	No	No
9. Are there any visible signs of tampering, trespassing, vandalism, damage, or modifications to the SP or waste container?	No	No	No	No	No	No
10. Is the drum(s) in good condition (i.e., free of dents and corrosion, not bulging, or otherwise deteriorating)?	N/A	N/A	N/A	N/A	N/A	N/A
11. Does each drum contain a label placed on the exterior of the drum that is properly labeled with the generator's name, address, and contact, drum contents, and accumulation start date?	N/A	N/A	N/A	N/A	N/A	N/A
12. Are safety cones or other barricades in place to mark out the perimeter of the SP or waste container?	No	No	No	No	No	No
13. Were photos taken of the SP or waste container during the inspection?	No	No	No	No	No	No
I verify and initial that the above information is correct by initialing in the cell box to the right:	NW	NW	NW	NW	NW	NW

Date/Details/Corrective Actions:

GES WEEKLY OU-3 WASTE INSPECTION CHECKLIST

Site Name: Buckeye Buffalo Terminal – Operable Unit 3 (OU-3)
Address: 625 Elk Street, Buffalo, New York
Task: Weekly inspection of OU-3 waste.

This checklist should be completed on a minimum of a weekly basis (and after every significant storm event) if OU-3 waste is temporarily staged at the facility. The GES employee completing the checklist should verify that each item is meeting the satisfactory conditions for proper containment of the OU-3 waste. For each item, mark **Yes, No, or Not Applicable (NA)**. If No, provide below the date, details, and the corrective action steps taken to correct the condition. Please use and complete a separate column if there is more than one (1) OU-3 waste containment staged on site.

Date of Waste Inspection:	2/25/26	3/4/26	3/11/26	3/18/26		
Weekly Inspection Completed By:	NW	NWard	NWard	NWard		
List Type of Waste Container [(Soil Pile (SP), Roll-Off Dumpster (RO), Drum (D), Other (O)]	RO	RO	RO	RO		
Weather Conditions:	Cloudy 30s	Cloudy 30s	rain 50s	Cloudy 30s		
1. Is the waste SP or container staged on an impervious surface (i.e., concrete or asphalt pavement)?	Y	Y	Y	Y		
2. Is the waste staged on plastic sheeting (for SP) or placed within a plastic-lined (for RO) container?	Y	Y	Y	Y		
3. Is the plastic sheeting or tarp in good condition and free of holes or damage?	Y	Y	Y	Y		
4. Is the plastic sheeting or tarp free of debris and/or ponded water?	Y	Y	No, water	No, water/ ice		
5. Is the plastic sheeting or tarp adequately secured in place over the SP or container (i.e., weighted down with no exposed waste)?	Y	Y	Y	Y		
6. Are hay bales or other sediment control devices in place around the perimeter of the SP if the SP is staged near a catch basin or other discharge point?	N/A	N/A	N/A	N/A		
7. Are all hay bales or other sediment control devices in good condition around the perimeter of the SP if the SP is staged near a catch basin or other discharge point?	N/A	N/A	N/A	N/A		
8. Are there any signs of soil erosion, migration, or runoff around the perimeter of the SP or beneath the waste container?	No	No	No	No		
9. Are there any visible signs of tampering, trespassing, vandalism, damage, or modifications to the SP or waste container?	No	No	No	No		
10. Is the drum(s) in good condition (i.e., free of dents and corrosion, not bulging, or otherwise deteriorating)?	N/A	N/A	N/A	N/A		
11. Does each drum contain a label placed on the exterior of the drum that is properly labeled with the generator's name, address, and contact, drum contents, and accumulation start date?	N/A	N/A	N/A	N/A		
12. Are safety cones or other barricades in place to mark out the perimeter of the SP or waste container?	No	No	No	No		
13. Were photos taken of the SP or waste container during the inspection?	No	No	No	No		
I verify and initial that the above information is correct by initialing in the cell box to the right:	NW	NW	NW	NW		

Date/Details/Corrective Actions:

3/11/26 – Little bit of water on RO tarp due to rain – not impacting integrity of tarp & Cover

3/18/26 – Little bit of water/ice on RO tarp – not impacting integrity of Cover

Appendix E - Analytical Laboratory Report

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

January 07, 2026

Steve Feilen
Waste Managment
PO Box 411
Westmont, IL 60559

RE: Project: WDR#11219
Pace Project No.: 30835005

Dear Steve Feilen:

Enclosed are the analytical results for sample(s) received by the laboratory on December 19, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Greensburg

The samples will be subcontracted to Pace National, 12065 Lebanon Rd, Mt. Juliet, TN 37122 for TCLP RCRA 8 analysis. Results of the analysis are reported on the Pace National data tables.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brayden R. Rummell
brayden.rummell@pacelabs.com
(724)850-5600
Project Manager

Enclosures

cc: Mr. Mark Bonenberger, Buckeye Partners, LP
Mr. Tim Conlin, Buckeye Partners
Ashley Klass, Buckeye Partners LP
Ms. Krista Manley, Buckeye Partners, LP
Givonne Mondaine, Waste Managment
Megan Shortal, Waste Management (Buckeye)

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: WDR#11219
Pace Project No.: 30835005

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: WDR#11219
Pace Project No.: 30835005

Pace Analytical Services National

Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: VT2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

SAMPLE SUMMARY

Project: WDR#11219
Pace Project No.: 30835005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30835005001	**WDR#11219**	Solid	12/18/25 11:00	12/19/25 11:00

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: WDR#11219
Pace Project No.: 30835005

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30835005001	**WDR#11219**	EPA 8082A	BNL	10	PASI-PA
		EPA 6010D	MAP	7	PAN
		EPA 7470A	NDL	1	PAN
		EPA 8270D	EAC	18	PASI-PA
		EPA 8260D	JEW	14	PASI-PA
		SM 2540G-2015	CEB	1	PASI-PA
		EPA 1010B	CDD	1	PASI-PA

PAN = Pace National - Mt. Juliet
PASI-PA = Pace Analytical Services - Greensburg

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: WDR#11219
Pace Project No.: 30835005

Sample: WDR#11219 **Lab ID: 30835005001** Collected: 12/18/25 11:00 Received: 12/19/25 11:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Comments: • Collection time on one sample container is 00:00 does not match coc
• No preservation or container type listed on COC.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Greensburg							
PCB-1016 (Aroclor 1016)	ND	ug/kg	177	10	12/24/25 08:49	12/31/25 08:42	12674-11-2	ED
PCB-1221 (Aroclor 1221)	ND	ug/kg	177	10	12/24/25 08:49	12/31/25 08:42	11104-28-2	ED
PCB-1232 (Aroclor 1232)	ND	ug/kg	177	10	12/24/25 08:49	12/31/25 08:42	11141-16-5	ED
PCB-1242 (Aroclor 1242)	ND	ug/kg	354	10	12/24/25 08:49	12/31/25 08:42	53469-21-9	ED
PCB-1248 (Aroclor 1248)	ND	ug/kg	177	10	12/24/25 08:49	12/31/25 08:42	12672-29-6	ED
PCB-1254 (Aroclor 1254)	ND	ug/kg	177	10	12/24/25 08:49	12/31/25 08:42	11097-69-1	ED
PCB-1260 (Aroclor 1260)	ND	ug/kg	354	10	12/24/25 08:49	12/31/25 08:42	11096-82-5	ED
PCB, Total	ND	ug/kg	177	10	12/24/25 08:49	12/31/25 08:42	1336-36-3	
Surrogates								
Tetrachloro-m-xylene (S)	124	%.	59-94	10	12/24/25 08:49	12/31/25 08:42	877-09-8	S4
Decachlorobiphenyl (S)	90	%.	73-118	10	12/24/25 08:49	12/31/25 08:42	2051-24-3	
Metals (ICP) 6010D TCLP	Analytical Method: EPA 6010D Preparation Method: 3015 Leachate Method/Date: 1311; 12/23/25 16:34 Initial pH: 11.9; Final pH: 12.36 Pace National - Mt. Juliet							
Arsenic	ND	mg/L	0.100	1	12/26/25 20:05	12/27/25 15:29	7440-38-2	
Barium	**0.826**	mg/L	0.100	1	12/26/25 20:05	12/27/25 15:29	7440-39-3	
Cadmium	ND	mg/L	0.100	1	12/26/25 20:05	12/27/25 15:29	7440-43-9	
Chromium	ND	mg/L	0.100	1	12/26/25 20:05	12/27/25 15:29	7440-47-3	
Lead	ND	mg/L	0.100	1	12/26/25 20:05	12/27/25 15:29	7439-92-1	
Selenium	ND	mg/L	0.100	1	12/26/25 20:05	12/27/25 15:29	7782-49-2	
Silver	ND	mg/L	0.100	1	12/26/25 20:05	12/27/25 15:29	7440-22-4	
Mercury 7470A TCLP	Analytical Method: EPA 7470A Preparation Method: 7470A Leachate Method/Date: 1311; 12/23/25 16:34 Initial pH: 11.9; Final pH: 12.36 Pace National - Mt. Juliet							
Mercury	ND	mg/L	0.0100	1	12/25/25 10:12	12/28/25 14:02	7439-97-6	
8270D MSSV TCLP Sep Funnel	Analytical Method: EPA 8270D Preparation Method: EPA 3510C Leachate Method/Date: EPA 1311; 12/22/25 08:50 Initial pH: 8.94; Final pH: 6.75 Pace Analytical Services - Greensburg							
1,4-Dichlorobenzene	ND	ug/L	100	1	12/29/25 11:30	12/30/25 16:19	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	1	12/29/25 11:30	12/30/25 16:19	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	1	12/29/25 11:30	12/30/25 16:19	87-68-3	
Hexachlorobenzene	ND	ug/L	100	1	12/29/25 11:30	12/30/25 16:19	118-74-1	
Hexachloroethane	ND	ug/L	100	1	12/29/25 11:30	12/30/25 16:19	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	1	12/29/25 11:30	12/30/25 16:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	1	12/29/25 11:30	12/30/25 16:19		
Nitrobenzene	ND	ug/L	100	1	12/29/25 11:30	12/30/25 16:19	98-95-3	
Pentachlorophenol	ND	ug/L	250	1	12/29/25 11:30	12/30/25 16:19	87-86-5	
Pyridine	ND	ug/L	100	1	12/29/25 11:30	12/30/25 16:19	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	250	1	12/29/25 11:30	12/30/25 16:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	1	12/29/25 11:30	12/30/25 16:19	88-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: WDR#11219
Pace Project No.: 30835005

Sample: WDR#11219 **Lab ID: 30835005001** Collected: 12/18/25 11:00 Received: 12/19/25 11:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Comments: • Collection time on one sample container is 00:00 does not match coc
• No preservation or container type listed on COC.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV TCLP Sep Funnel	Analytical Method: EPA 8270D Preparation Method: EPA 3510C Leachate Method/Date: EPA 1311; 12/22/25 08:50 Initial pH: 8.94; Final pH: 6.75 Pace Analytical Services - Greensburg							
Surrogates								
Nitrobenzene-d5 (S)	81	%.	10-140	1	12/29/25 11:30	12/30/25 16:19	4165-60-0	
2-Fluorobiphenyl (S)	110	%.	10-135	1	12/29/25 11:30	12/30/25 16:19	321-60-8	
Terphenyl-d14 (S)	108	%.	10-128	1	12/29/25 11:30	12/30/25 16:19	1718-51-0	
Phenol-d6 (S)	28	%.	10-145	1	12/29/25 11:30	12/30/25 16:19	13127-88-3	
2-Fluorophenol (S)	37	%.	10-142	1	12/29/25 11:30	12/30/25 16:19	367-12-4	
2,4,6-Tribromophenol (S)	60	%.	10-140	1	12/29/25 11:30	12/30/25 16:19	118-79-6	
8260D MSV TCLP	Analytical Method: EPA 8260D Leachate Method/Date: EPA 1311; 12/29/25 08:56 Pace Analytical Services - Greensburg							
Benzene	ND	ug/L	50.0	10		01/06/26 18:38	71-43-2	
2-Butanone (MEK)	ND	ug/L	100	10		01/06/26 18:38	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	10		01/06/26 18:38	56-23-5	
Chlorobenzene	ND	ug/L	50.0	10		01/06/26 18:38	108-90-7	
Chloroform	ND	ug/L	50.0	10		01/06/26 18:38	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	10		01/06/26 18:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	10		01/06/26 18:38	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	10		01/06/26 18:38	127-18-4	
Trichloroethene	ND	ug/L	50.0	10		01/06/26 18:38	79-01-6	
Vinyl chloride	ND	ug/L	50.0	10		01/06/26 18:38	75-01-4	CH
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%.	70-130	10		01/06/26 18:38	17060-07-0	
Toluene-d8 (S)	90	%.	70-130	10		01/06/26 18:38	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	70-130	10		01/06/26 18:38	460-00-4	
Dibromofluoromethane (S)	101	%.	70-130	10		01/06/26 18:38	1868-53-7	
Percent Moisture	Analytical Method: SM 2540G-2015 Pace Analytical Services - Greensburg							
Percent Moisture	**8.4**	%	0.10	1		12/22/25 11:53		
1010B Flashpoint,Closed Cup	Analytical Method: EPA 1010B Pace Analytical Services - Greensburg							
Flashpoint	**>200**	deg F	60.0	1		12/22/25 18:53		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: WDR#11219
Pace Project No.: 30835005

QC Batch: 2665548
QC Batch Method: 3015
Analysis Method: EPA 6010D
Analysis Description: Metals (ICP) 6010D
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples:

METHOD BLANK: R4319464-1 Matrix: Solid
Associated Lab Samples: 30835005001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.100	12/27/25 14:51	
Barium	mg/L	ND	0.100	12/27/25 14:51	
Cadmium	mg/L	ND	0.100	12/27/25 14:51	
Chromium	mg/L	ND	0.100	12/27/25 14:51	
Lead	mg/L	ND	0.100	12/27/25 14:51	
Selenium	mg/L	ND	0.100	12/27/25 14:51	
Silver	mg/L	ND	0.100	12/27/25 14:51	

LABORATORY CONTROL SAMPLE: R4319464-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	10.0	10.1	101	80.0-120	
Barium	mg/L	10.0	10.3	103	80.0-120	
Cadmium	mg/L	10.0	9.99	99.9	80.0-120	
Chromium	mg/L	10.0	10.6	106	80.0-120	
Lead	mg/L	10.0	10.1	101	80.0-120	
Selenium	mg/L	10.0	10.0	100	80.0-120	
Silver	mg/L	2.00	1.90	95.2	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4319464-4 R4319464-5

Parameter	Units	L1930319-06 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	ND	10.0	10.0	ND	ND	104	105	75.0-125	0.664	20	
Barium	mg/L	0.959	10.0	10.0	ND	ND	105	106	75.0-125	0.598	20	
Cadmium	mg/L	ND	10.0	10.0	ND	ND	103	103	75.0-125	0.267	20	
Chromium	mg/L	ND	10.0	10.0	ND	ND	106	105	75.0-125	1.04	20	
Lead	mg/L	ND	10.0	10.0	ND	ND	103	103	75.0-125	0.058	20	
Selenium	mg/L	ND	10.0	10.0	ND	ND	103	104	75.0-125	0.816	20	
Silver	mg/L	ND	2.00	2.00	ND	ND	98.5	100	75.0-125	1.65	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4319464-6 R4319464-7

Parameter	Units	L1930653-04 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	ND	10.0	10.0	ND	ND	108	108	75.0-125	0.147	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: WDR#11219
Pace Project No.: 30835005

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4319464-6 R4319464-7

Parameter	Units	L1930653-04 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	mg/L	ND	10.0	10.0	ND	ND	104	105	75.0-125	0.743	20	
Cadmium	mg/L	ND	10.0	10.0	ND	ND	105	105	75.0-125	0.115	20	
Chromium	mg/L	ND	10.0	10.0	ND	ND	104	104	75.0-125	0.153	20	
Lead	mg/L	ND	10.0	10.0	ND	ND	105	105	75.0-125	0.168	20	
Selenium	mg/L	ND	10.0	10.0	ND	ND	106	106	75.0-125	0.083	20	
Silver	mg/L	ND	2.00	2.00	ND	ND	104	104	75.0-125	0.288	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: WDR#11219
Pace Project No.: 30835005

QC Batch: 2665185
QC Batch Method: 7470A
Analysis Method: EPA 7470A
Analysis Description: Mercury 7470A
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples:

METHOD BLANK: R4319675-1 Matrix: Solid
Associated Lab Samples: 30835005001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.0100	12/28/25 13:16	

LABORATORY CONTROL SAMPLE: R4319675-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0300	0.0292	97.5	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4319675-4 R4319675-5

Parameter	Units	L1930319-04 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.0300	0.0300	ND	ND	106	104	75.0-125	2.17	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: WDR#11219
Pace Project No.: 30835005

QC Batch: 792268
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV TCLP
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30835005001

METHOD BLANK: 3864673 Matrix: Solid
Associated Lab Samples: 30835005001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	50.0	01/06/26 15:51	
1,2-Dichloroethane	ug/L	ND	50.0	01/06/26 15:51	
2-Butanone (MEK)	ug/L	ND	100	01/06/26 15:51	
Benzene	ug/L	ND	50.0	01/06/26 15:51	
Carbon tetrachloride	ug/L	ND	50.0	01/06/26 15:51	
Chlorobenzene	ug/L	ND	50.0	01/06/26 15:51	
Chloroform	ug/L	ND	50.0	01/06/26 15:51	
Tetrachloroethene	ug/L	ND	50.0	01/06/26 15:51	
Trichloroethene	ug/L	ND	50.0	01/06/26 15:51	
Vinyl chloride	ug/L	ND	50.0	01/06/26 15:51	CH
1,2-Dichloroethane-d4 (S)	%.	101	70-130	01/06/26 15:51	
4-Bromofluorobenzene (S)	%.	97	70-130	01/06/26 15:51	
Dibromofluoromethane (S)	%.	105	70-130	01/06/26 15:51	
Toluene-d8 (S)	%.	93	70-130	01/06/26 15:51	

LABORATORY CONTROL SAMPLE: 3865822

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	20	10.2	51	44-130	
1,2-Dichloroethane	ug/L	20	17.0	85	56-130	
2-Butanone (MEK)	ug/L	20	12.5	63	36-130	
Benzene	ug/L	20	16.6	83	63-130	
Carbon tetrachloride	ug/L	20	17.3	87	48-130	
Chlorobenzene	ug/L	20	17.8	89	62-130	
Chloroform	ug/L	20	18.6	93	58-130	
Tetrachloroethene	ug/L	20	17.4	87	52-130	
Trichloroethene	ug/L	20	17.1	86	55-130	
Vinyl chloride	ug/L	20	24.7	124	46-130	CH
1,2-Dichloroethane-d4 (S)	%.			95	70-130	
4-Bromofluorobenzene (S)	%.			100	70-130	
Dibromofluoromethane (S)	%.			103	70-130	
Toluene-d8 (S)	%.			94	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: WDR#11219
Pace Project No.: 30835005

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3865823 3865824

Parameter	Units	30835005001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	200	200	92.2	87.9	46	44	26-130	5	30	
1,2-Dichloroethane	ug/L	ND	200	200	174	177	87	88	35-130	1	30	
2-Butanone (MEK)	ug/L	ND	200	200	188	193	94	97	10-175	3	30	
Benzene	ug/L	ND	200	200	159	150	80	75	10-136	6	30	
Carbon tetrachloride	ug/L	ND	200	200	157	155	79	77	34-130	1	30	
Chlorobenzene	ug/L	ND	200	200	169	164	84	82	18-130	3	30	
Chloroform	ug/L	ND	200	200	180	176	90	88	36-130	2	30	
Tetrachloroethene	ug/L	ND	200	200	152	149	76	74	10-145	2	30	
Trichloroethene	ug/L	ND	200	200	141	142	70	71	15-151	1	30	
Vinyl chloride	ug/L	ND	200	200	215	208	108	104	20-130	3	30	CH
1,2-Dichloroethane-d4 (S)	%.						100	99	70-130			
4-Bromofluorobenzene (S)	%.						97	99	70-130			
Dibromofluoromethane (S)	%.						104	107	70-130			
Toluene-d8 (S)	%.						92	92	70-130			

MATRIX SPIKE SAMPLE: 3865825

Parameter	Units	30834973001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	200	100	50	26-130	
1,2-Dichloroethane	ug/L	ND	200	189	94	35-130	
2-Butanone (MEK)	ug/L	ND	200	255	127	10-175	
Benzene	ug/L	ND	200	173	87	10-136	
Carbon tetrachloride	ug/L	ND	200	176	88	34-130	
Chlorobenzene	ug/L	ND	200	178	89	18-130	
Chloroform	ug/L	ND	200	195	97	36-130	
Tetrachloroethene	ug/L	ND	200	179	89	10-145	
Trichloroethene	ug/L	ND	200	162	81	15-151	
Vinyl chloride	ug/L	ND	200	244	122	20-130	CH
1,2-Dichloroethane-d4 (S)	%.				105	70-130	
4-Bromofluorobenzene (S)	%.				102	70-130	
Dibromofluoromethane (S)	%.				105	70-130	
Toluene-d8 (S)	%.				94	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: WDR#11219
Pace Project No.: 30835005

QC Batch: 791543
QC Batch Method: EPA 3546
Analysis Method: EPA 8082A
Analysis Description: 8082A GCS PCB
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30835005001

METHOD BLANK: 3862646 Matrix: Solid
Associated Lab Samples: 30835005001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	16.3	12/30/25 23:53	
PCB-1221 (Aroclor 1221)	ug/kg	ND	16.3	12/30/25 23:53	
PCB-1232 (Aroclor 1232)	ug/kg	ND	16.3	12/30/25 23:53	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.7	12/30/25 23:53	
PCB-1248 (Aroclor 1248)	ug/kg	ND	16.3	12/30/25 23:53	
PCB-1254 (Aroclor 1254)	ug/kg	ND	16.3	12/30/25 23:53	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.7	12/30/25 23:53	
Decachlorobiphenyl (S)	%.	84	73-118	12/30/25 23:53	
Tetrachloro-m-xylene (S)	%.	77	59-94	12/30/25 23:53	

LABORATORY CONTROL SAMPLE: 3862647

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	163	133	81	66-108	
PCB-1260 (Aroclor 1260)	ug/kg	163	147	90	57-108	
Decachlorobiphenyl (S)	%.			88	73-118	
Tetrachloro-m-xylene (S)	%.			76	59-94	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862648 3862649

Parameter	Units	30834475001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	<11.8	191	190	149	214	78	112	10-175	36	25	R1
PCB-1260 (Aroclor 1260)	ug/kg	<3.3	191	190	165	231	87	122	10-175	33	25	R1
Decachlorobiphenyl (S)	%.						77	110	73-118			
Tetrachloro-m-xylene (S)	%.						73	114	59-94			ST

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: WDR#11219
Pace Project No.: 30835005

QC Batch: 791942
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270D
Analysis Description: 8270D TCLP MSSV
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30835005001

METHOD BLANK: 3860458 Matrix: Water
Associated Lab Samples: 30835005001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	100	12/30/25 13:48	
2,4,5-Trichlorophenol	ug/L	ND	250	12/30/25 13:48	
2,4,6-Trichlorophenol	ug/L	ND	100	12/30/25 13:48	
2,4-Dinitrotoluene	ug/L	ND	100	12/30/25 13:48	
2-Methylphenol(o-Cresol)	ug/L	ND	100	12/30/25 13:48	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	200	12/30/25 13:48	
Hexachloro-1,3-butadiene	ug/L	ND	100	12/30/25 13:48	
Hexachlorobenzene	ug/L	ND	100	12/30/25 13:48	
Hexachloroethane	ug/L	ND	100	12/30/25 13:48	
Nitrobenzene	ug/L	ND	100	12/30/25 13:48	
Pentachlorophenol	ug/L	ND	250	12/30/25 13:48	
Pyridine	ug/L	ND	100	12/30/25 13:48	
2,4,6-Tribromophenol (S)	%.	64	10-140	12/30/25 13:48	
2-Fluorobiphenyl (S)	%.	101	10-135	12/30/25 13:48	
2-Fluorophenol (S)	%.	54	10-142	12/30/25 13:48	
Nitrobenzene-d5 (S)	%.	88	10-140	12/30/25 13:48	
Phenol-d6 (S)	%.	41	10-145	12/30/25 13:48	
Terphenyl-d14 (S)	%.	144	10-128	12/30/25 13:48	ST

LABORATORY CONTROL SAMPLE: 3864505

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	500	373	75	15-105	
2,4,5-Trichlorophenol	ug/L	500	383	77	57-113	
2,4,6-Trichlorophenol	ug/L	500	361	72	45-122	
2,4-Dinitrotoluene	ug/L	500	320	64	40-119	
2-Methylphenol(o-Cresol)	ug/L	500	296	59	10-175	
3&4-Methylphenol(m&p Cresol)	ug/L	1000	610	61	21-131	
Hexachloro-1,3-butadiene	ug/L	500	391	78	13-112	
Hexachlorobenzene	ug/L	500	344	69	17-121	
Hexachloroethane	ug/L	500	393	79	13-108	
Nitrobenzene	ug/L	500	407	81	26-128	
Pentachlorophenol	ug/L	500	325	65	37-125	
Pyridine	ug/L	500	78.8J	16	10-113	
2,4,6-Tribromophenol (S)	%.			63	10-140	
2-Fluorobiphenyl (S)	%.			96	10-135	
2-Fluorophenol (S)	%.			49	10-142	
Nitrobenzene-d5 (S)	%.			86	10-140	
Phenol-d6 (S)	%.			39	10-145	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: WDR#11219
Pace Project No.: 30835005

LABORATORY CONTROL SAMPLE: 3864505

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Terphenyl-d14 (S)	%.			130	10-128	ST

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3864506 3864507

Parameter	Units	30834105001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	ND	500	500	394	387	79	77	10-92	2	25	
2,4,5-Trichlorophenol	ug/L	ND	500	500	392	393	78	79	32-129	0	25	
2,4,6-Trichlorophenol	ug/L	ND	500	500	352	354	70	71	25-130	1	25	
2,4-Dinitrotoluene	ug/L	ND	500	500	344	335	69	67	37-123	3	25	
2-Methylphenol(o-Cresol)	ug/L	ND	500	500	244	243	49	49	10-120	0	25	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	1000	1000	515	528	51	53	10-132	3	25	
Hexachloro-1,3-butadiene	ug/L	ND	500	500	405	405	81	81	10-99	0	25	
Hexachlorobenzene	ug/L	ND	500	500	343	349	69	70	34-114	2	25	
Hexachloroethane	ug/L	ND	500	500	417	411	83	82	10-128	1	25	
Nitrobenzene	ug/L	ND	500	500	406	408	81	82	11-114	1	25	
Pentachlorophenol	ug/L	ND	500	500	315	321	63	64	10-175	2	25	
Pyridine	ug/L	ND	500	500	121	139	24	28	10-97	14	25	
2,4,6-Tribromophenol (S)	%.						58	58	10-140			
2-Fluorobiphenyl (S)	%.						100	102	10-135			
2-Fluorophenol (S)	%.						38	42	10-142			
Nitrobenzene-d5 (S)	%.						82	84	10-140			
Phenol-d6 (S)	%.						29	34	10-145			
Terphenyl-d14 (S)	%.						119	125	10-128			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: WDR#11219
Pace Project No.: 30835005

QC Batch: 791004
QC Batch Method: SM 2540G-2015
Analysis Method: SM 2540G-2015
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30835005001

SAMPLE DUPLICATE: 3860536

Parameter	Units	30834128001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	80.0	80.1	0	10	

SAMPLE DUPLICATE: 3860537

Parameter	Units	30834137001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	96.9	96.8	0	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: WDR#11219
Pace Project No.: 30835005

QC Batch: 791148
QC Batch Method: EPA 1010B
Analysis Method: EPA 1010B
Analysis Description: 1010B Flash Point, Closed Cup
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30835005001

METHOD BLANK: 3861014 Matrix: Water
Associated Lab Samples: 30835005001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Flashpoint	deg F	>200	60.0	12/22/25 17:24	

SAMPLE DUPLICATE: 3861015

Parameter	Units	30834105001 Result	Dup Result	RPD	Max RPD	Qualifiers
Flashpoint	deg F	>200	>200			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: WDR#11219
Pace Project No.: 30835005

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
ED	Due to the extract's physical characteristics, the analysis was performed at dilution.
R1	RPD value was outside control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
ST	Surrogate recovery was above laboratory control limits. Results may be biased high.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WDR#11219
Pace Project No.: 30835005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30835005001	**WDR#11219**	EPA 3546	791543	EPA 8082A	791705
30835005001	**WDR#11219**	3015	2665548	EPA 6010D	2665548
30835005001	**WDR#11219**	7470A	2665185	EPA 7470A	2665185
30835005001	**WDR#11219**	EPA 3510C	791942	EPA 8270D	792182
30835005001	**WDR#11219**	EPA 8260D	792268		
30835005001	**WDR#11219**	SM 2540G-2015	791004		
30835005001	**WDR#11219**	EPA 1010B	791148		

Pace® Location Requested (City/State):
Pace Analytical Pittsburgh
1638 Roseytown Road, Suites 2,3,4
Greensburg, PA 15601

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 30835005

30835005

Company Name:	Waste Management (Buckeye)	Contact/Report To:	Steve Feilen
Street Address:	PO Box 411 Westmont, IL 60559	Phone #:	708-878-9940
		E-Mail:	sfeilen@wm.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	WDR#11219	Invoice To:	Accounts Payable
		Invoice E-Mail:	coupa.invoices@pacelabs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	10430493
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET		County / State origin of sample(s):	New York
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other _____		Regulatory Program (DW, RCRA, etc.) as applicable:	Reportable [ ] Yes [ ] No
		Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____	DW PWSID # or WW Permit # as applicable:
		Date Results Requested:	Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	1010B Flashpoint,Closed Cup	8082A GCS PCB	8260D MSV TCLP; ZHE Leach Organic Prep Charge	8270D MSSV TCLP TCLP Leach Organic Prep	Sub-TCLP NY RCRA 8	Sample Comment
WDR#11219	SL	G	12/18/25	1100	12/18/25	1100	5			X	X	X	X	X	001

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Brayden Rummell**

AcctNum / Client ID:

Table #:

Profile / Template: **12379**

Prelog / Bottle Ord. ID: **EZ 3329506**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: (Printed Name) Owen Ogrony

Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	26	-0.1	3.4	3.8	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
GES	12/18/25 1400	Fedex	12/18/25 1400	4694 6589 4059
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 12/19/25 11:00	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 1

Page 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

DC#_Title: ENV-FRM-GBUR-0088 v09_Sample Condition Upon Receipt-Greensburg

Effective Date: 06/24/2025

WO# : 30835005

PM: BRR Due Date: 01/06/26

CLIENT: WM_Buckeye

Client Name: Buckeye **Project #:**

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking Number: _____

Initial / Date

Examined By: BDT 12-19-25
BDT 12-19-25
Labeled By: BDT 12-19-25
Temped By: BDT 12-19-25

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No **Seals Intact:** ☑ Yes ☐ No

Therm. Used: 26 **Type of Ice:** (Wet) Blue None

Cooler Temp: Observed Temp 3.9 °C Correction Factor: -0.1 °C Final Temp: 3.8 °C

Temp should be above freezing to 6°C

Comments:	Yes	No	NA	pH paper Lot# / D.P.D. Residual Chlorine Lot #
Chain of Custody Present	✓			1.
Chain of Custody Filled Out:		✓		2. Container size and preservation not specified
-Were client corrections present on COC		✓		
Chain of Custody Relinquished	✓			3.
Sampler Name & Signature on COC:	✓			4.
Sample Labels match COC: -Includes date/time/ID Matrix: SL		✓		5. WGFU 2/5 has 00 as collection time instead of 11:00
Samples Arrived within Hold Time:	✓			6.
Short Hold Time Analysis (<72hr remaining):		✓		7.
Rush Turn Around Time Requested:		✓		8.
Sufficient Volume:	✓			9.
Correct Containers Used:	✓			10.
-Pace Containers Used	✓			
Containers Intact:	✓			11.
Orthophosphate field filtered:			✓	12.
Hex Cr Aqueous samples field filtered:			✓	13.
Organic Samples checked for dechlorination			✓	14:
Filtered volume received for dissolved tests: **Cr6+, Orthophosphate, DOC, Metals**			✓	15:
All containers checked for preservation: exceptions: VOA, coliform, TOC, O&G, TOX, LL Hg, Radon, non-aqueous matrix		✓		16.
All containers meet method preservation requirements:	✓			Initial when completed BDT / Date/Time of Preservation / Lot# of added Preservative
8260C/D: Headspace in VOA Vials (> 6mm)			✓	17.
624.1: Headspace in VOA Vials (0mm)			✓	18.
Radon: Headspace in RAD Vials (0mm)			✓	19.
Trip Blank Present:			✓	Trip blank custody seal present? YES or NO
Rad Samples Screened <.05 mrem/hr.	✓			Initial when completed ES / Date: 12/19/25 / Survey Meter SN: 25014380

Comments:

Note: For NC compliance samples with discrepancies, a copy of this form must be sent to the DEHNR Certification office.
PM Review is documented electronically in LIMS through the SRF Review schedule in the Workorder Edit Screen.

Pace Container Order #3329506

brayden.rummell@pacelabs.com

Addresses

Order By :		Ship To :		Return To:	
Company	Waste Management (Buckeye)	Company	Waste Management (Buckeye)	Company	Greensburg, PA (Pace Analytical
Contact	Steve Feilen	Contact	Jim Geary	Contact	Brayden Rummell
Email	sfeilen@wm.com	Email	sfeilen@wm.com	Email	brayden.rummell@pacelabs.com
Address	PO Box 411	Address	625 Elk Street	Address	1638 Roseytown Road
Address 2		Address 2		Address 2	Suites 2,3,4
City	Westmont	City	Buffalo	City	Greensburg
State	IL Zip 60559	State	NY Zip 14210	State	PA Zip 15601
Phone	708-878-9940	Phone	708-878-9940	Phone	(724)850-5600

Info

Project Name WDR#11219 **Due Date** 12/09/2025 **Profile** 12379 **Quote**

Project Manager Rummell, Brayden **Return Date** **Carrier** FedEx Priority Overnight **Location** NY

Return Shipping Labels

Return Label Type

- [X] No Shipper
- [ ] With Shipper

Bottle Labels

- [ ] Blank
- [ ] Pre-Printed No Sample IDs
- [X] Pre-Printed With Sample IDs

Bottles

- [ ] Boxed Cases
- [ ] Individually Wrapped
- [ ] Grouped By Sample ID/Matrix

Trip Blanks

- [ ] Include Trip Blanks

COC Options

- [ ] Number of Blanks
- [X] Pre-Printed

Misc

- [X] Sampling Instructions
- [X] Custody Seal
- [ ] Temp. Blanks
- [X] Coolers
- [ ] Syringes
- [ ] Extra Bubble Wrap
- [ ] Short Hold/Rush Stickers
- [ ] DI Water
- [ ] USDA Regulated Soils
- [ ] Dry Weight

# of Samp	Matrix	Analysis	Qty / Samp	Container	Total	# of QC	Lot #	Notes
1	SL	1010B Flashpoint,Closed Cup	1	4oz wide jar unpreserved	1		091525-1KM	
1	SL	8082A GCS PCB	1	4oz wide jar unpreserved	1		100625-1KM	
1	SL	8260D MSV TCLP; ZHE Leach Organic Prep Charge	1	4oz wide jar unpreserved	1		100625-1KM	
1	SL	8270D MSSV TCLP TCLP Leach Organic Prep	1	4oz wide jar unpreserved	1		100625-1KM	
1	SL	Sub-TCLP NY RCRA 8	1	4oz wide jar unpreserved	1		100625-1KM	

WO# : 30835005

PM: BRR Due Date: 01/06/26

CLIENT: WM_Buckeye

Hazard Shipping Placard In Place : N/A

*Sample receiving hours are typically 8am-5pm, but may differ by location. Please check with your Pace Project Manager.

*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.

*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage/disposal.

*Payment term are net 30 days.

*Please include the proposal number on the chain of custody to ensure proper billing.

Sample Notes :

LAB USE:

Ship Date :	12/08/2025
Prepared By:	David F
Verified By:	

CLIENT USE (Optional):

Date Rec'd:	
Received By:	

Appendix F - Waste Disposal Documentation

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:
BUCKEYE TERMINAL C/O WMSS ATTN:
GIVONNE MONDAINE
PO BOX 411
WESTMONT, IL 60559
4. Generator's Phone 630-930-2394

Generator's Site Address (If different than mailing):
BUCKEYE TERMINAL
625 ELK ST.
BUFFALO, NY 14210

A. Manifest Number: **WMSS-WDR11219** «number»
B. State Generator's ID

5. Transporter 1 Company Name: Sun Environmental Corp.
6. US EPA ID Number: NYR000176958
C. State Transporter's ID
D. Transporter's Phone: 315-218-6995

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
WM OF NEW YORK AT CHAFFEE LANDFILL
10860 OLEAN RD.
CHAFFEE, NY 14030
10. US EPA ID Number:
G. State Facility ID
H. State Facility Phone: 716-492-3433

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 123318NY	01	RO	EST 10	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: Cell | Level | Grid

15. Special Handling Instructions and Additional Information
123318NY – Petroleum Contaminated Soil
SW-25440
WEIGHT IS ESTIMATED
J006115

Purchase Order #
EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Aaron Frame		3	23	26

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Decatur Hazelett		3	23	26

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		3	23	26

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

Waste Management Chaffee LF
10860 Olean Rd
Chaffee, NY, 14030
Ph: (716) 496-5000

Reprint
Ticket# 849566

Customer Name WMSUSTAINABILITYBUCKEYE-12331
Ticket Date 03/23/2026
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest WDR11219
Destination
PO
Profile 123318NY (PETROLEUM CONTAMINATED SOIL)
Generator 190-BUCKEYETERMINALSELKST BUCKEYE TERMINALS ELK STREET

Carrier SUN ENVIRONMENTAL SUN ENVIRONMENTAL
Vehicle# 320
Container
Driver
Check#
Billing # 0004971
Gen EPA ID

Volume

	Time	Scale	Operator	Inbound		
In	03/23/2026 11:01:58	INBOUND	JChapma7		Gross	74300 lb
Out	03/23/2026 11:35:49	OUTBOUND	JChapma7		Tare	37580 lb
					Net	36720 lb
					Tons	18.36

Comments SUN-25440
J006115

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Cont Soil Pet-RGC-	100	18.36	Tons				ERI
2	ENERGY-Energy Surc	100		%				ERI

Total Fees
Total Ticket

Driver`s Signature _____4E3-1565

WDR#12230

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator's ID	Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:
BUCKEYE TERMINALS, LLC
625 ELK STREET
BUGFFALO, NY 14210

4. Generator's Phone 309.989.3798

Generator's Site Address (If different than mailing): Generator Name

A. Manifest Number: WMNA «number»

B. State Generator's ID: State Generator's ID

5. Transporter 1 Company Name: Sun Environmental Corp

6. US EPA ID Number: NYR000176958

C. State Transporter's ID: State Transporter ID

D. Transporter's Phone: Transporter 1 Phone

7. Transporter 2 Company Name: Transporter 2 Company Name

8. US EPA ID Number: US EPA ID Number

E. State Transporter's ID: State Transporter ID

F. Transporter's Phone: Transporter 2 Phone

9. Designated Facility Name and Site Address:
WM OF NEW YORK AT CHAFFEE LANDFILL
10860 OLEAN RD.
CHAFFEE, NY 14030

10. US EPA ID Number: US EPA ID Number

G. State Facility ID: State Facility ID

H. State Facility Phone: 716-496-5192 Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Construction Debris (Asphalt and Concrete) NON DOT REGULATED MATERIAL WM Profile # 130954NY	01	CM	EST 10	T	
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
d. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information
130954NY – Construction Debris
SUN-7034-DB-1
WEIGHT IS ESTIMATED
Special Handling Instructions
J007034

Purchase Order # Purchase Order Number — EMERGENCY CONTACT / PHONE NO.: Emergency Contact

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Jim Geary	Jim Geary	5	26	26

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Timothy Pawly	Timothy Pawly	5	26	26

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		5	26	26

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

Waste Management Chaffee LF
10860 Olean Rd
Chaffee, NY, 14030
Ph: (716) 496-5000

Original
Ticket# 856079

Customer Name	WM SUSTAINABILITY SERVICES 13	Carrier	SUN ENVIRONMENTAL	SUN ENVIRONMENTAL	
Ticket Date	05/26/2026	Vehicle#	320	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver			
Hauling Ticket#		Check#			
Route		Billing #	0006526		
State Waste Code		Gen EPA ID	4226		
Manifest	SUN-7034-DB1				
Destination					
PO	J007034				
Profile	130954NY (Construction Debris (C&D))				
Generator	BUCKEYE TERMINALS-625 Buckeye Terminals, LLC 625 Elk St				

	Time	Scale	Operator	Inbound		
In	05/26/2026 09:17:29	INBOUND	JChapma7		Gross	63080 lb
Out	05/26/2026 09:51:58	OUTBOUND	JChapma7		Tare	36080 lb
					Net	27000 lb
					Tons	13.50

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	C&D INDUSTRIAL-Ton	100	13.50	Tons				ERI

Total Fees
Total Ticket

Driver`s Signature _____ 4E3-1565