PERIODIC REVIEW REPORT

APRIL 30, 2024, TO APRIL 30, 2025
NYSDEC SITE NO. C915298
837 BAILEY AVENUE
BUFFALO, NEW YORK 14206

Prepared for:

Jack & Maritza Ruh
Quaker Development, Inc.
124 Meadow Rd
Orchard Park, NY 14127

Prepared by:

Brydges Engineering in Environment and Energy
960 Busti Avenue Suite B-150
Buffalo, New York 14213

June 2025

TABLE OF CONTENTS

Section **Page**

1.0 EXECUTIVE SUMMARY 1
1.1 Site Background 1
1.2 Compliance/Recommendations 2
2.0 SITE OVERVIEW AND REMEDIATION 3
2.1 Description of Final Selected Remedy 3
2.2 Nature and Extent of Contamination Remaining at Site 4
2.2.1 Soil 4
2.2.2 Groundwater 4
2.2.3 Soil Vapor 4
3.0 ENGINEERING AND INSTITUTIONAL CONTROLS 4
3.1 General 4
3.2 Institutional Controls 4
3.3 Engineering Controls 5
3.3.1 Cover System 5
4.0 SITE EVALUATION 5
4.1 Site Wide Inspection 5
5.0 CONCLUSIONS 5
6.0 CERTIFICATION OF ENGINEERING AND INSTITUTIONAL CONTROLS 6

FIGURES

Figure A Site Location Map
Figure 10 Cover System

APPENDICES

Appendix A NYSDEC SMP PRR Certification Form
Appendix B Site Work Information
Appendix C Site Wide Inspection Forms and Site Photos

1.0 EXECUTIVE SUMMARY

This Periodic Review Report (PRR) has been prepared to summarize the post-remedial status of New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C915298 located at 837 Bailey Avenue, Buffalo, New York 14206 (i.e., the "site"). Refer to **Figure A** (Site Location Map) for further information.

This PRR has been prepared in accordance with NYSDEC Department of Environmental Remediation (DER)-10 *Technical Guidance for Site Investigation and Remediation* (May 2010). The applicable NYSDEC Institutional and Engineering Controls (IC/EC) Certification Form has been completed and is provided in **Appendix A**.

This PRR describes any post-remedial activities conducted on-site during the April 30, 2024, through April 30, 2025, reporting period per the requirements stipulated in the December 2019 Site Management Plan (SMP).

1.1 SITE BACKGROUND

The 8.74-acre BCP site is a vacant commercial property located at 837 Bailey Avenue (SBL No. 112.80-1-12.1), Buffalo, New York. The site is currently undeveloped, consisting primarily of greenspace with a loose stone driveway extending east from the site entrance along Bailey Avenue. Residential housing is immediately adjacent to the site to the north and south-southwest. The Thruway Authority is located east of the site, and further east is Interstate-190. QTA Machining exists west-northwest across Bailey Avenue, and the remaining surrounding properties along Dingens Street are primarily industrial or commercial, including Aim Transportation Solutions, TJI Construction, and Laub International.

Commercial development began in 1940; the site was occupied as an auto salvage/wrecking facility, auto service station, filling station and tire recapping facility. Prior to remediation, the following investigations were performed to assess subsurface soil and groundwater quality:

- Phase I Environmental Site Assessment (ESA) *(LCS Inc., November 2014)*
- Geophysical Survey, Subsurface Soil/Fill and Groundwater Investigation Report *(LCS, Inc. February 2015)*
- Memorandum/Summary of Subsurface Investigation *(EnSol, Inc. April 2015)*
- Remedial Investigation/Alternative Analysis *(EnSol, Inc., July 2019)*

Prior investigations revealed the following contaminants of concern (COCs):

Soil

- Semi-volatile organic compounds (SVOCs) were detected in samples at concentration above the New York State Department of Environmental Conservation (NYSDEC) Part 375 Commercial and/or Industrial Soil Cleanup Objectives (SCOs).
- Metals were detected at concentration above the New York State Department of Environmental Conservation (NYSDEC) Part 375 Commercial and/or Industrial SCOs.

Groundwater

- Volatile organic compounds (VOCs) were detected at concentrations above the Class GA (Source of Drinking Water [groundwater]) Standard.
- SVOCs were detected at concentrations above the Class GA Standard.

Based on these prior investigations, an Interim Remedial Measures (IRM) Report was conducted by EnSol in July 2019. The following actions were completed:

- May-July 2016 – All existing on-site debris piles were removed and disposed of.
- January-March 2017 – Additional subsurface investigations were performed to delineate areas of soil impacts above specific SCOs in the vicinity of soil boring locations identified in the RI.
- August-December 2017 – IRM hot-spot excavations were completed to remove all impacted fill materials from the locations identified during the remedial investigation (RI).
- December 2018-April 2019 – Additional subsurface investigation, hot-spot excavation and material disposal activities were completed.
- A total of 1,238 tons of contaminated fill materials were removed from the site during the IRM.
- All excavations were backfilled with clean clay obtained from the Town of Tonawanda general fill stockpile with approval from the NYSDEC.

Demolition of the former concrete block building associated with the former site scrap yard operations was completed in January 2019. The building demolition was subsequently completed under a permit from the City of Buffalo by Empire Building Diagnostics, Inc. In July 2019, The Environmental Service Group, Inc., (ESG) conducted grubbing of the site, construction of the stabilized construction entrance and installation of the erosion and sedimentation controls. Installation of the relocated fence along residences located along Dingens Street and Peru Place, removal of debris and preparation of the site sub-grade activities were completed during August 2019.

Between August and November 2019, a minimum twelve-inch thick soil cover system was installed over the entire property to prevent public exposure to soil and surface soil contaminants remaining onsite. Based on the selected remedy, the cover system consists of a minimum six-inch thick general fill soil layer overlain by a minimum six-inch thick topsoil layer. Generally, the soil cover system is fifteen-inches thick over the site interior, with the bottom nine inches consisting of clayey soil and the top six-inches consisting of topsoil. Final hydro-seeding to establish a vegetative cover was completed by applying a seed/fertilizer/mulch mixture sourced from Preferred Seed. All site soils that were disturbed during installation of the soil cover system (i.e., installation of the perimeter drainage ditch, regrading of the subgrade, etc.) were regraded into other areas of the site prior to placement of the cover. No soils were removed from the site during construction of the cover. General soil cover system installation quality control was conducted by EnSol and consisted of daily engineering inspections.

1.2 COMPLIANCE/RECOMMENDATIONS

The only intrusive work performed at the site during the reporting period was related to the removal, replacement and installation of utility poles. An Excavation Notification detailing the anticipated site work was submitted to DEC on September 10, 2024, and subsequently approved on September 11, 2024. An import request for No. 1 crusher run stone was completed on September 26, 2024. Site work was conducted on October 30, 2024, utilizing a 4-foot diameter auger. Caissons were first set in each excavation followed by the utility pole and the remaining area backfilled with clean virgin stone. This construction process was used to establish clean corridors in the event that future site work is necessary. All spoils were stockpiled on poly and covered pending laboratory analysis and landfill approval. The stockpiled materials were sampled for disposal on October 31, 2024, and approximately 36 cubic yards (CY) of spoils were disposed of at Republic Landfill on December 18, 2024. All utilities were removed from the required poles which were subsequently cut approximately 2-3 feet above grade. Areas of the cover system impacted during site work were seeded on April 14, 2025, and all site work was deemed complete.

The following related information can be found in **Appendix B**:

- Excavation Notification (including the contractors Site Specific Safety Plan)
- Associated DEC approval letter
- Daily Field Reports (including a photolog, air monitoring data and work location map)
- Import request (including sieve analysis)
- Disposal sampling laboratory analytical results
- Disposal manifests

The site inspection conducted on May 2, 2025, identified no compliance violations regarding the April 30, 2024, through April 30, 2025, reporting period. Previous seeding efforts appear to have been successful as germination is apparent. The associated Site Wide Inspection Form and Site Photograph Log are contained in **Appendix C**.

2.0 SITE OVERVIEW AND REMEDIATION

2.1 Description of Final Selected Remedy

The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. The site was remediated in accordance with a Track 4 cleanup as selected by the NYSDEC in the July 2019 Decision Document (DD). The components of the selected remedy are as follows:

- Construction and maintenance of a cover system to prevent human exposure to remaining contaminated soil/fill remaining at the site. The cover system is composed of a geotextile fabric demarcation layer, a minimum of six (6) inches of barrier soil and a minimum of six (6) inches of clean topsoil of sufficient quality that ensures the maintenance of vegetation. See **Figure 10** for cover system details.
- Execution of an Environmental Easement (EE) to restrict land use and prevent future exposure to remaining contamination. This was completed by the Department in November 2019 and subsequently filed with the Erie County Clerk.
- Development and implementation of an SMP for long term management of remaining contamination as required under the Environmental Easement which includes plans for ICs and ECs and reporting.
- Periodic inspection and certification of the ICs and ECs.

NYSDEC DER-31 Green Remediation requires that green remediation concepts and techniques be considered during all stages of the remedial program including site management in order to improve the sustainability of the cleanup. As the only EC implemented at the site is the soil cover system, the site with not generate additional waste, use energy, produce emissions, or encroach on any ecosystems.

2021 Supplemental Excavation Program

At the request of NYSDEC, additional fill removal activities were completed at specific locations along the shared property boundaries between the site and residential properties to the north along Dingens Street and to the south along Peru Place. This was completed to ensure that no potentially contaminated historic fill materials remained in contact with clean backfill materials placed on the residential properties during a separate off-site cleanup conducted by the NYSDEC. This additional work was completed in accordance with the DEC-approved Work Plan prepared by EnSol, Inc. in 2021. In December 2021, documentation of the completed work was provided to the Department by EnSol. In January 2022, the NYSDEC provided approval of all work conducted and concluded no changes to the December 2019

COC are necessary.

2.2 Nature and Extent of Contamination Remaining at Site

Refer to the Final Engineering Report (FER) and SMP for all analytical results and sampling locations.

2.2.1 Soil

The following describes remaining soil contamination after the completion of all remedial activities:

- Surface soils and shallow C&D and deeper ash and cinder backfill layers contain various SVOCs and metals at concentrations exceeding Unrestricted and Commercial Use SCOs.
- Assuming remaining fill materials at the site exhibit contamination exceeding SCOs, there is approximately 186,000 cubic yards of contaminated material remaining below the cover system.

2.2.2 Groundwater

Site groundwater contains concentrations of various SVOCs and metals above GWQS standards.

2.2.3 Soil Vapor

The levels for methyl ethyl ketone were elevated with a peak value of 1500 micrograms per cubic meters (ug/m^3).

3.0 ENGINEERING AND INSTITUTIONAL CONTROLS

3.1 General

Since remaining contamination exists at the site, ICs and ECs are required to protect human health and the environment. The IC/EC Plan is one component of the SMP/EE and is subject to revision by NYSDEC.

3.2 Institutional Controls

A series of ICs are required under the DD to (1) implement, maintain and monitor EC systems; (2) prevent future exposure to remaining contamination; and (3) limit the use and development of the site to commercial and industrial uses only. Adherence to these ICs on the site is required by the EE and implemented under the SMP. ICs identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the EE. The following ICs were implemented:

- The property may be used for commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv).
- All ECs must be operated and maintained as specified in the SMP.
- All ECs must be inspected at a frequency and in a manner defined in the SMP.
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYS Department of Health (DOH) or the Erie County DOH to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP.

- Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP.
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP.
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP.
- Operation, maintenance, monitoring, inspection and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP.
- Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the EE.

3.3 Engineering Controls

3.3.1 Cover System

The cover system is the only EC required under the remedy. Exposure to remaining contamination at the site is prevented by a cover system placed over the site which consists of a geotextile fabric demarcation layer, a minimum of six (6) inches of barrier soil and a minimum of six (6) inches of clean topsoil of sufficient quality to maintain vegetation. Some small areas composing the site cover system consist of DEC approved stone/gravel.

4.0 SITE EVALUATION

4.1 Site Wide Inspection

A Site Wide Inspection was completed by BE3 on May 2, 2025, to evaluate the IC/ECs outlined in the SMP. The only EC associated with the site is the cover system which is in good condition. Vegetative growth is evident in areas where crusher run stone was placed during the previous and current reporting period. The perimeter fencing and stone entry pathway along Bailey Avenue appeared to be in good condition. Minor, scattered debris had accumulated along the southeastern and northwestern site boundary. No change of use or groundwater use occurred during the Certifying Period. Excavation and importation of material related to the utility pole work was properly documented and provided in **Appendix B**. No additional intrusive work was conducted at the site during the reporting period.

The results of the inspection are reiterated in BE3's Site Wide Inspection Form and site photographs are provided in **Appendix C**. The inspection concluded that the site is in compliance with all IC/ECs.

5.0 CONCLUSIONS

During the April 30, 2024, through April 30, 2025, reporting period, all remedial objectives have been met. All components of the SMP (IC/EC) are in compliance.

6.0 CERTIFICATION OF ENGINEERING AND INSTITUTIONAL CONTROLS

Below is the signed certification as required by section 7.2 of the SMP.

For each institutional or engineering control identified for the site, I certify that all the following statements are true:

- The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment (with the exception of that which was noted in the Corrective Measures Work Plan);
- Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control (with the exception of that which was noted in the Corrective Measures Work Plan);
- Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document;
- Use of the site is compliant with the environmental easement;
- The engineering control systems are performing as designed and are effective (with the exception of that which was noted in the Corrective Measures Work Plan);
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program and generally accepted engineering practices (with the exception of that which was noted in the Corrective Measures Work Plan); and
- The information presented in this report is accurate and complete.
- I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Jason M. Brydges, PE of BE3 Corp 960 Busti Avenue, Buffalo New York 14213, is certifying as Owner's Designated Site Representative for the site.

STATE OF NEW YORK
JASON M. BRYDGES
079402
LICENSED PROFESSIONAL ENGINEER

6-10-25

Jason M. Brydges, PE

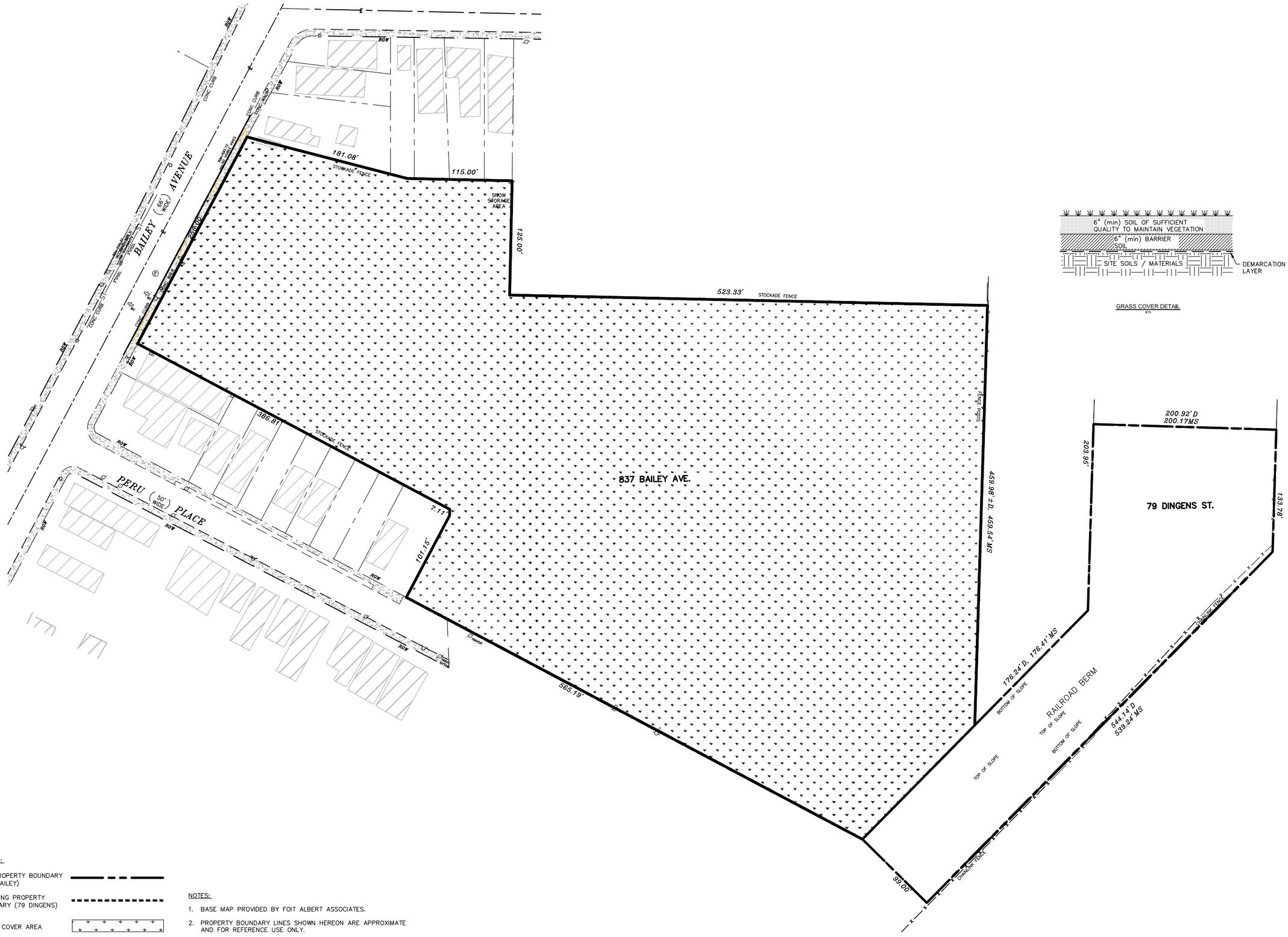
FIGURES

Figure A: Site Location Map

Site Boundary

BE3
BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

Figure A: Site Location Map	
837 Bailey Avenue	06/16/2023
Buffalo, New York	Jack Ruh



GRASS COVER DETAIL
NTS

LEGEND:

BCP PROPERTY BOUNDARY (837 BAILEY)

ADJOINING PROPERTY BOUNDARY (79 DINGENS)

GRASS COVER AREA

NOTES:

1. BASE MAP PROVIDED BY FOIT ALBERT ASSOCIATES.
2. PROPERTY BOUNDARY LINES SHOWN HEREON ARE APPROXIMATE AND FOR REFERENCE USE ONLY.

EnSol, Inc.
Environmental Solutions
661 MAIN STREET
NIAGARA FALLS, NY 14301
PHONE (716) 285-3920
FAX (716) 285-3928

CLIENT:
NEAR DINGENS, LLC

SITE:
837 BAILEY AVE

CITY OF	BUFFALO
COUNTY OF	ERIE
STATE OF	NEW YORK

PROJECT:
SITE MANAGEMENT PLAN

TITLE:
COVER SYSTEM DETAILS

ISSUED FOR:
REVIEW

DES:	DRN:	CHK:
KFP	KFP	JBB

PROJECT NO:	DATE:
15-0027-6	JULY 2019

GRAPHIC SCALE:
0' 40' 80'

FILE:
Fig10 - Cover System.dwg

REV NO:	FIGURE NO:
2	10

APPENDIX A

NYSDEC SMP PRR CERTIFICATION FORM

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C915298

Site Name 837 Bailey Ave.

Site Address: 837 Bailey Ave. Zip Code: 14206
City/Town: Buffalo
County: Erie
Site Acreage: 8.740

Reporting Period: April 30, 2024 to April 30, 2025

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. C915298 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
112.80-1-12.1	837 Bailey LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan IC/EC Plan

. Prohibition of use of groundwater.
. Soil Vapor Intrusion Evaluation for any future structures.
. Soil Management or Excavation Work Plan for any future intrusive work.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
112.80-1-12.1	Cover System

. Maintenance of the cover system

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C915298

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Steven Rak (print name) at 124 Meadow Rd. Orchard Park NY 14127 (print business address)

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date: 6/19/25

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Jason M. Brydges (print name) at 960 Busti Ave, Suite B-150, Buffalo, NY 14213 (print business address),

am certifying as a Professional Engineer for the Owner (Owner or Remedial Party)

6-2-25

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date

APPENDIX B

SITE WORK INFORMATION

Excavation Notification

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

September 10, 2024

Megan Kuczka
NYS Department of Environmental Conservation
Division of Environmental Remediation
Environmental Program Specialist 1
700 Delaware Avenue
Buffalo, NY 14209

Re: Excavation Notification – 837 Bailey Avenue, Buffalo, New York 14206 (BCP Site No. C915298)

Megan Kuczka,

This letter represents an Excavation Notification completed for 837 Bailey Avenue located in the City of Buffalo, Erie County, New York (BCP Site No. C915298). This notification is in respect to the anticipated electrical/utility pole work to be completed by National Grid. All associated work will be performed in compliance with the Excavation Work Plan (EWP) provided in Appendix E of the December 2019 Site Management Plan (SMP) and 29 Code of Federal Regulations (CFR) 1910.120.

Generally, invasive work is anticipated to include the following:

- The removal of two existing electrical poles.
- The replacement of two existing electrical poles.
- The installation of three new electrical poles and one transformer.

See the attached plan for exact locations.

Removal and replacement activities are not anticipated to generate spoils. Each installation is anticipated to generate approximately 0.5 cubic yards (CY) of clean cover material and 2.5 CY of contaminated soil. A clean corridor will be installed consisting of approved crushed stone backfill and a geotextile fabric barrier (see attached). An import request and sieve analysis will be submitted to the New York State Department of Environmental Conservation (NYSDEC) for any backfill that is brought on site. The two excavations associated with the electrical pole removals will be backfilled with the materials generated from the installation of the three new electrical pole areas. After work is complete, it is estimated that approximately 1 CY of cover material and 5 CY of impacted soils will remain above the cover system.

During excavations, materials above (clean cover) and below (impacted materials) the demarcation layer will be stockpiled separately. All materials beneath the cover system are considered impacted and will therefore be staged on poly sheets to prevent contact with the underlying clean cover materials. Soil stockpiles will be continuously encircled with a berm and/or silt fence, covered at all times with appropriately anchored tarps and routinely inspected and repaired as necessary. The additional clean cover materials will be graded into the existing clean cover layer, and the impacted material will be disposed of at an approved landfill. Prior to disposal,

the soil will be characterized per the chosen landfills parameters and results will be provided to the NYSDEC.

A qualified environmental professional (QEP) will be present during all intrusive work. The QEP will complete daily field reports (DFRs) detailing the specific activities performed on site with accompanying photographs, a work location map and tabularized CAMP data. This information, along with any disposal manifests, will be shared with the NYSDEC within 24 hours of activities.

All elements of the SMP EWP will be adhered to throughout the project. Based on the anticipated scope of work, the following components are applicable:

- E-2: Soil Screening Methods
- E-3: Soil Staging Methods
- E-4: Materials Excavation & Load-Out
- E-5: Materials Transport Off-Site
- E-6: Materials Disposal Off-Site
- E-7: Materials Reuse On-Site
- E-9: Cover System Restoration
- E-12: Excavation Contingency Plan
- E-13: Community Air Monitoring Plan CAMP)
- E-14: Odor Control Plan
- E-15: Dust Control Plan
- E-16: Other Nuisances

As excavations are anticipated to be approximately 9 feet below ground surface (bgs), remaining contamination at the site will be encountered. Surface soils and shallow construction and demolition (C&D) debris and deeper ash and cinder backfill layers contain various semi-volatile organic compounds (SVOCs) and metals at concentrations exceeding unrestricted and commercial use Soil Cleanup Objectives (SCOs).

Ledge Creek Development, Inc., has been selected by National Grid as the civil contractor. The contractor is aware of these conditions and their Site-Specific Safety Plan (i.e., HASP) is provided as an attachment.

No construction is anticipated therefore no pre-construction sampling will be required.

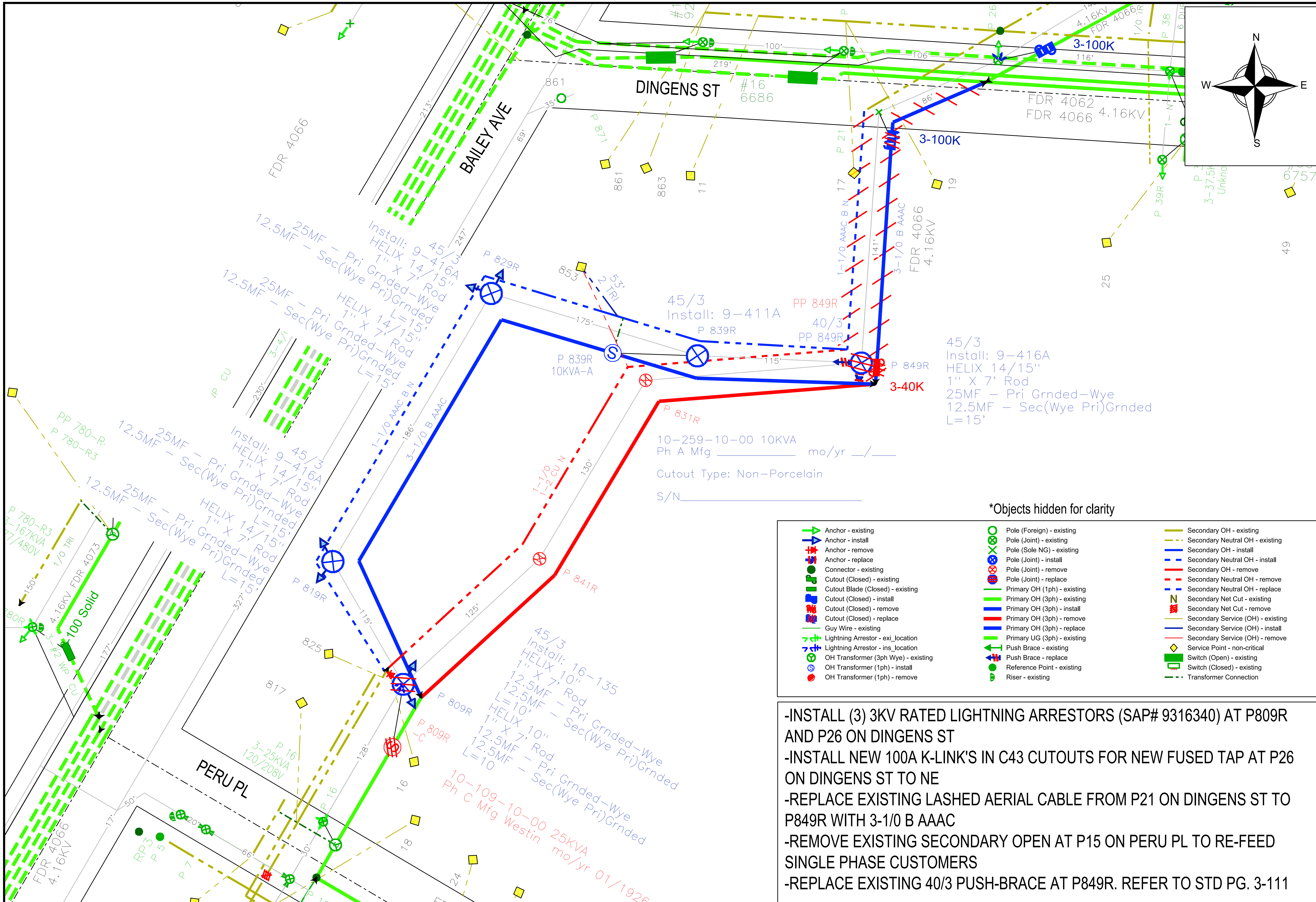
Intrusive work is anticipated to begin two weeks after department approval and span approximately three days.

If you have any questions or concerns, please do not hesitate to reach out. I can be contacted via email at apalumbo@be3corp.com or by phone at 585.944.6793.

Sincerely,

Alexis P-C

Alexis Palumbo-Compton
Project Engineer



DINGENS ST
BAILEY AVE
PERU PL
FDR 4066
FDR 4062 FDR 4066 4.16KV
3-100K
3-40K
45/3 Install: 9-411A
P 839R
P 839R 10KVA-A
PP 849R
40/3 PP 849R
P 849R
45/3 Install: 9-416A HELIX 14/15" 1" X 7' Rod 25MF - Pri Grnded-Wye 12.5MF - Sec(Wye Pri)Grnded L=15'
P 829R
P 831R
P 841R
P 819R
P 809R
10-259-10-00 10KVA Ph A Mfg ________ mo/yr __/___
Cutout Type: Non-Porcelain
S/N________________
45/3 Install: 16-135 HELIX 10" 1" X 7' Rod 12.5MF - Pri Grnded-Wye 12.5MF - Sec(Wye Pri)Grnded
10-109-10-00 25KVA Ph C Mfg Westin mo/yr 01/1926
100 Solid
4.16KV FDR 4073
*Objects hidden for clarity
Anchor - existing
Anchor - install
Anchor - remove
Anchor - replace
Connector - existing
Cutout (Closed) - existing
Cutout Blade (Closed) - existing
Cutout (Closed) - install
Cutout (Closed) - remove
Cutout (Closed) - replace
Guy Wire - existing
Lightning Arrestor - exi_location
Lightning Arrestor - ins_location
OH Transformer (3ph Wye) - existing
OH Transformer (1ph) - install
OH Transformer (1ph) - remove
Pole (Foreign) - existing
Pole (Joint) - existing
Pole (Sole NG) - existing
Pole (Joint) - install
Pole (Joint) - remove
Pole (Joint) - replace
Primary OH (1ph) - existing
Primary OH (3ph) - existing
Primary OH (3ph) - install
Primary OH (3ph) - remove
Primary OH (3ph) - replace
Primary UG (3ph) - existing
Push Brace - existing
Push Brace - replace
Reference Point - existing
Riser - existing
Secondary OH - existing
Secondary Neutral OH - existing
Secondary OH - install
Secondary Neutral OH - install
Secondary OH - remove
Secondary Neutral OH - remove
Secondary Neutral OH - replace
Secondary Net Cut - existing
Secondary Net Cut - remove
Secondary Service (OH) - existing
Secondary Service (OH) - install
Secondary Service (OH) - remove
Service Point - non-critical
Switch (Open) - existing
Switch (Closed) - existing
Transformer Connection
N
W
E
S
0
60
120 FT

-INSTALL (3) 3KV RATED LIGHTNING ARRESTORS (SAP# 9316340) AT P809R AND P26 ON DINGENS ST

-INSTALL NEW 100A K-LINK'S IN C43 CUTOUTS FOR NEW FUSED TAP AT P26 ON DINGENS ST TO NE

-REPLACE EXISTING LASHED AERIAL CABLE FROM P21 ON DINGENS ST TO P849R WITH 3-1/0 B AAAC

-REMOVE EXISTING SECONDARY OPEN AT P15 ON PERU PL TO RE-FEED SINGLE PHASE CUSTOMERS

-REPLACE EXISTING 40/3 PUSH-BRACE AT P849R. REFER TO STD PG. 3-111

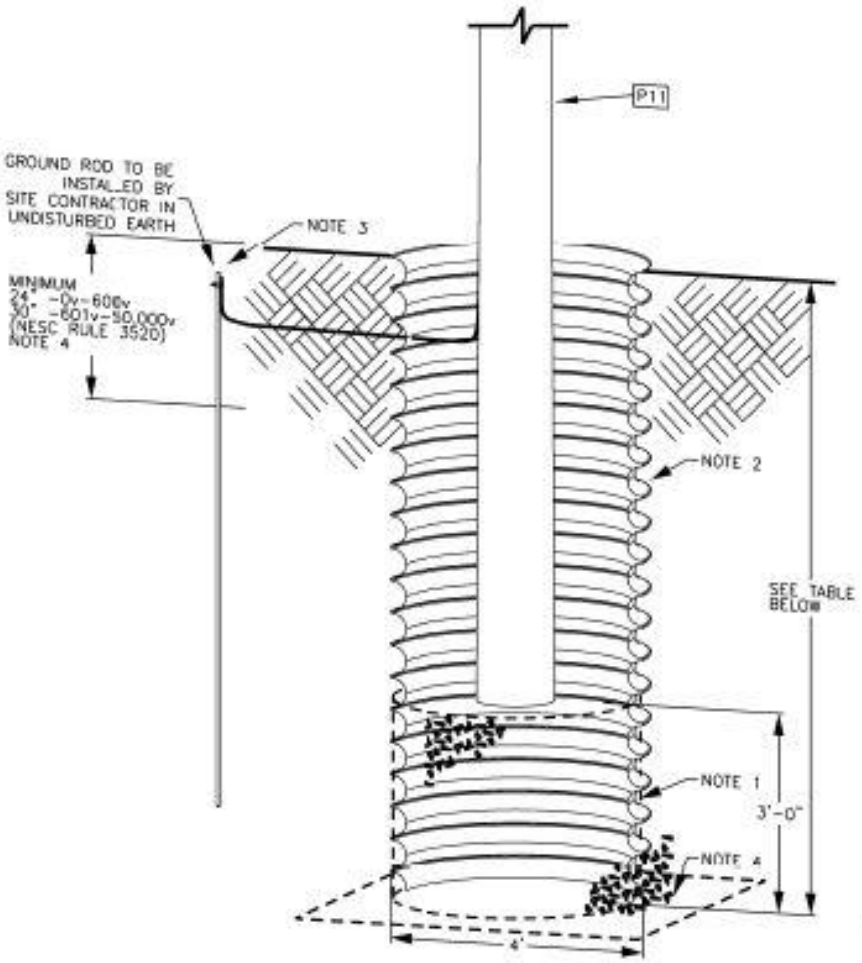
MAINLINE MAP/VOLTAGE CONVERSIONS UPDATE REQUIRED

NATIONAL GRID USA

01-22-30629098

WORK REQUEST: 01-22-30629098	DESCRIPTION: OH POLE LINE RELOCATION AND SIDE TAP FUSING
STORMS ORDER: 30629098	DATE: 04/16/2024
DESIGNER: Tyler Cashmore	BUILT AS DESIGNED
JOB TITLE: 837 BAILEY AVE	AS BUILT CHANGES
FOREMAN SIG:	EMP ID:
T.D/T.C. 5051	FEEDER NO. 4066
PHONE NUMBER: 716-239-1604	SHEET 1 OF 2
DATE:	SUPV SIG:

New drawing added.



CORRUGATED METAL PIPE DEPTH TABLE

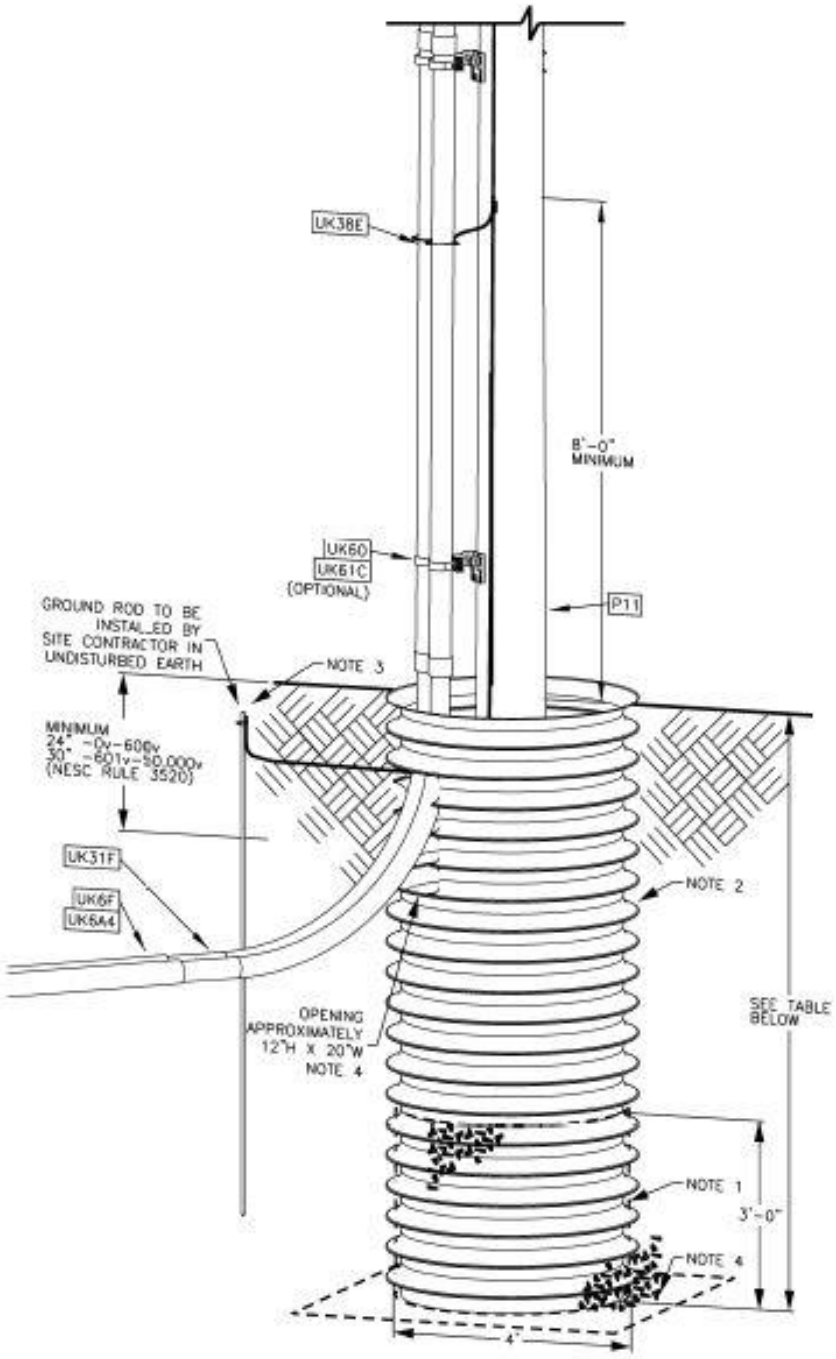
POLE HEIGHT	SET DEPTH
40'	9'-0"
45'	9'-6"
50'	10'-0"
55'	10'-6"

NOTES:

1. CRUSHED STONE BACKFILL WITH AGGREGATE NOT EXCEEDING ¾" IN DIAMETER SHALL BE USED TO BACK FILL POLES. CRUSHED STONE BACKFLL SHALL BE THOROUGHLY TAMPED USING MECHANICAL TAMPERS OR APPROPRIATE HAND TOOLS IN LAYERS NOT EXCEEDING 12" IN DEPTH.
2. CORRUGATED METAL PIPE WITH CORRUGATIONS 2- ⅔" X ½", MINIMUM 16 GUAGE.
3. SEE 13-114 FOR GROUND DETAILS.
4. INSTALL GEOTEXTILE FABRIC AS A BARRIER ON ALL CORRUGATED METAL PIPE OPENINGS.
5. UTILITY CREWS TO INSTALL POLE AND CONNECT TO GROUNDING ALREADY INSTALLED WITH CORREGATED PIPE, GEOTEXTILE BARRIER AND CRUSHED STONE BACKFILL.
6. CORRUGATED STEEL PIPE SHALL BE FREE OF ALL BURS AND JAGGED EDGES IN ORDER TO REDUCE THE RISK OF CUTTING INJURIES DURING HANDLING. CORRUGATED PIPE SHALL BE FITTED WITH EDGE TRIM SUCH AS NEOPRENE RUBBER TO COVER BURS AND JAGGED EDGES.

Designer	Drawing	Date
MPR	cd02301	6/30/20

CLEAN CORRIDOR POLE SET



CORRUGATED METAL PIPE DEPTH TABLE

POLE HEIGHT	SET DEPTH
40'	9'-0"
45'	9'-6"
50'	10'-0"
55'	10'-6"

NOTES:

1. CRUSHED STONE BACKFILL WITH AGGREGATE NOT EXCEEDING ¾" IN DIAMETER SHALL BE USED TO BACK FILL POLES. CRUSHED STONE BACKFLL SHALL BE THOROUGHLY TAMPED USING MECHANICAL TAMPERS OR APPROPRIATE HAND TOOLS IN LAYERS NOT EXCEEDING 12" IN DEPTH.
2. CORRUGATED METAL PIPE WITH CORRUGATIONS 2- ⅔" X ½", MINIMUM 16 GUAGE.
3. SEE 13-114 FOR GROUND DETAILS.
4. INSTALL GEOTEXTILE FABRIC AS A BARRIER.
5. CORRUGATED STEEL PIPE SHALL BE FREE OF ALL BURS AND JAGGED EDGES IN ORDER TO REDUCE THE RISK OF CUTTING INJURIES DURING HANDLING. CORRUGATED PIPE SHALL BE FITTED WITH EDGE TRIM SUCH AS NEOPRENE RUBBER TO COVER BURS AND JAGGED EDGES.

Designer	Drawing	Date
MPR	cc02301A	6/30/20

New Drawing added.

3 PHASE UG PRIMARY CLEAN CORRIDOR POLE SET

ISSUE	PAGE NUMBER		
7/20	2-301A	OVERHEAD CONSTRUCTION STANDARD	nationalgrid

LEDGE CREEK
DEVELOPMENT, INC.

Bailey Avenue Poles
SITE SPECIFIC SAFETY PLAN

Location:
837 Bailey Avenue
Buffalo, NY 14206

UFPO Number: TBD

Site Specific Safety and Health Plan
Table of Contents

1.0 Scope of Work

2.0 Project Personnel

3.0 Hazard Identification and Risk Assessment

- 3.1 Initial Assessment
- 3.2 Project Specific

4.0 Communication

- 4.1 Emergencies
- 4.2 Incident Reporting and Analysis
- 4.3 Safety Meetings and Job Briefs
- 4.4 Safety and Health Plan

5.0 National Grid Safety Requirements

6.0 Safety Compliance

7.0 Environmental Compliance

8.0 General Project Work Plan

Attachments

- Emergency Contact List
- Directions to Hospital
- Plan Review Sign Off Sheet
- National Grid Clean Corridor Spec
- National Grid Print
- Site Management Plan

LEDGE CREEK DEVELOPMENT, INC.
SITE SPECIFIC SAFETY PLAN

1.0 Scope of Work

Ledge Creek Development will be providing National Grid a clean corridor utilizing an excavator and auger to drill for 5 -45' poles and placing Corrugated Metal Pipe (CMP) for utility pole installation for National Grid in an empty lot on Bailey Avenue in Buffalo, NY.

2.0 Project Personnel

Ledge Creek Development, Inc. shall provide a safe and responsible work site for our employees, as well as any subcontractors, National Grid personnel and the general public. We are also committed to protecting the work site and the surrounding environment. The following is a list of key personnel for this project.

LCD Project Manager	Scott Roetzer	716-866-4970
LCD General Superintendent	Dave Matusek	716-866-8345
LCD Foreman	TBD	
LCD Safety Director	Austin St.Laurent	716-523-0713
National Grid Supervisor	Steve Ratka	716-291-1747
National Grid Safety Manager	Garrett Schmidbauer	716-398-3112
National Grid Safety WNY	Jacob Maslak	716-264-7321
National Grid Safety UNY	Megan Jacus	315-372-0426
National Grid Environmental	Lisa Montesano	716-479-5339
Western Region Control Center		716-862-5057

3.0 Hazard Identification and Risk Assessment

3.1 Initial Assessment

As detailed in the scope of work above, we will be excavating with an auger and placing 5 Corrugated Metal Pipe (CMP) for utility pole installation to be completed by National Grid. All excavations will be approximately 9' in depth. Placement of CMP and pole installation will immediately follow excavation. The excavations will be demarcated with signs, cones/TCD, cone bars, a OSHA compliant pole hole covers and backfilled as promptly as possible. Equipment will also be utilized as much as possible for: excavation, material handling, material transport to limit personal contaminate and material handling exposures. Excavated material will be placed on poly sheeting and covered for sampling and disposal by National Grid's Environmental Contractor. The work area will have a UFPO called in to verify no underground utilities are present. Our main safety concerns will be protecting ourselves from our own work processes, environmental exposures, pedestrian traffic, and slip, trip, fall hazards. There should be no MAD concerns during this project – equipment and employees will be able to maintain a minimum 10' of clearance from the distribution at all times.

In the attached SMP this site is identified by NYSDEC NO C915298 as a Brownfield Cleanup Agreement (BCA) completed in 2020 for ground contaminants identified as SVOCs and Heavy Metals (Lead, Mercury, and Arsenic). A 1' thick soil cover system was installed over the entire property. Per Section 3 - During all excavation activities, a third party contractor that oversees the SMP will provide real-time personnel air monitoring (TSI Sidepak AM5 10 personal Aerosol Monitor) and soil screening (PID Monitor). This site also must follow the requirements set forth in NYS DER-10 for a community air monitoring program (CAMP). All employees who will be onsite for this project will have 40 hr HAZWOPER training as well as awareness training for Lead/PCBs and Heavy Metals. Decontamination measures identified in the SMP (Section 4.0) indicate that all personnel shall thoroughly wash hands, face, and other exposed skin surfaces and all equipment will be cleaned before leaving the work area.

Work zone traffic controls will be visited and addressed at the start and end of each day, as well as if site conditions, location or incident warrant at a minimum.

Hazardous plant and insect presence will part of the daily pre-work inspection and protections approaches. Permethrin will be utilized by staff for this project.

Ledge Creek Development employees have been trained in all anticipated/known hazards and their related protections/controls. Hazards present, potential or in the making will be discussed each morning with all staff.

The hazards detailed above will be noted at each morning's mandatory safety brief (meeting) in addition to anything presumed or incurred. Ledge Creek shall work with National Grid personnel to assess the risks and the associated precautions while working on this project.

3.2Project Specific Hazard Identification, Risk Assessment and Control

Task	Hazard(s)	Mitigation
Mobilization Staging of materials Demobilization	Loading equipment/departing	DVIR to be completed prior to departure Spotters and/or observers for all backing, lifting tight quarters operations utilizing established communications (i.e., hand signals, etc.) Verify equipment is secured properly "Circle of Safety" walk around before vehicle or equipment use All staff will utilize FR outer layers of 8cal or higher rating Summer weather controls include increased break frequency, utilizing AC vehicles, drinking water and/or staff task rotation Utilize coverings and planned work locations for shade when possible
	Solar Glare	Clean interior and exterior window surfaces regularly Utilize vehicle sun visor Wear sunglasses with polarized lenses, preferably amber or light tint Avoid using cleaning products on dashboard that shine the surface
	Slip, trip, and falls	Pretask hazard/planning review Project Onboarding for any new staff or visitors exposed to operations Employee training Maintained/avoided site grade/conditions Situational Awareness Suitably stored materials and removed debris 3 points of contact when entering/exiting vehicles, and equipment Use of a qualified spotter

	Sprains/Strains	Use of material handling equipment Securement of materials/objects Teamwork for lifting Pretask stretching and warm up Predetermined layout/staging Limiting solo lifting efforts to objects less than 50lbs and/or 8 feet in length
	Caught in between or struck by vehicles/equipment	Use of a spotter Continual eye contact and coordination measures with the operator Use of parking brakes and/or wheel chocks on LCD equipment, trailers, and vehicles Wear appropriate PPE including ANSI Class 3 vests Measures above + Barricading of caught-in between locations Maintained WZTCD
	Heat Stress	Stay hydrated/electrolytes, take frequent breaks and check ins on crew members. Know the signs/symptoms of heat stress or heat related illnesses
Removal of materials	Above Hazards +	Measures above +
	Excavators, as well as hand tool use	Trained operators with PPE to control noise, flying debris Worker orientation (training & proximity) Inspection of heavy equipment, as well as hand tools before each use
	Struck by and caught in-between hazards during roadway operations	Preplanning and orientation outside of the removal area Control of the work area by barriers and spotters
	Fall Hazards	Barricading of any open excavations via fencing with related signage Visual monitoring by all LCD employees Excavations shall be backfilled immediately after Sonotube placement
	Utility Strike(s)	Spotter utilized for all excavating and trucking operations in motion (movement, dumping, etc.)
	Hazardous Material exposure (Potential)	Employees have been trained in hazardous materials identification and mitigation All excavated materials will be utilized as backfill and surplus will be hauled offsite Hygiene stations and appropriate PPE will be utilized
	Poisonous Plants/Insects	The area will be surveyed for hazardous plants and insects prior to the start of work pre treating work clothing with permethrin, pre-check work area, tuck shirt tails and pant legs in,

		and inspect your body for ticks after each work day. Crew members have also been trained on what to do if a tick is found on their bodies
Installation of materials	General hazard exposures	Measures above + Inspection of equipment Inspection of rigging Inspection of tools Use of a spotter Any delivery trucks will not be allowed to move onsite without the direction of a dedicated spotter/escort Control of chemical exposures by review of hazards and use of controls stated in SDS Utilizing engineering controls > Administrative Controls> PPE First aid supplies being present Spill kit present Suitable flammable storage in approved containers Inspected fire extinguishers in proximity Spill protections and clean up provisions Continual peer observation/coaching Insect avoidance/sting treatment measures Tick repellent will be utilized by employees on this project Apply per manufacturer's instructions Perform thorough inspection at end of day Mindful organization to allow for debris/refuse removal or storage Increase break activity with cool locations to minimize heat stress potential Supplied sunscreen to minimize sun UV related hazards Mindful organization to allow for debris/refuse removal or storage

4.0 Communication

4.1 Emergencies

Muster point for this project will be at the in the corner of the parking lot/work area at the intersections of Dingens and Bailey Avenue.

Signage will be placed at the roadway for increased visibility to EMS if employees feel the work area is not easy to find or staffing does not have someone to be present at the road to meet first responders.

***** See Attached Emergency Contact Information**

4.2 Incident Reporting and Analysis

Ledge Creek Development will promptly investigate all incidents, accidents and near misses. All employees and subcontractors are instructed to immediately report any such situations to their supervisor and the Project Manager. Ledge Creek management will then report directly to the National Grid supervisor. We will provide a written report within 24 hours detailing the cause, effects and corrective measures resulting from the incident.

4.3 Safety Meetings and Job Briefings

A safety discussion and job brief will be held each morning prior to the start of work. Additionally, the meeting will discuss potential hazards that exist on the premise or may be encountered during the day's activities and steps that will be taken to eliminate such hazards. All employees, visitors or subcontractors will be required to sign the brief as proof that they understood and acknowledge the potential hazards.

4.4 Safety and Health Plan

Ledge Creek employees and their subcontractors must review and understand the Site-Specific Safety Plan, as well as LCD, National Grid, and other applicable policies. Each person shall become familiar with plan's contents and understand the roles they must follow to keeping the work site safe. We emphasize to our employees that this plan is a starting point and may evolve during the project. Employees are encouraged to bring issues to their supervisor's attention and emphasize the "don't look away" attitude and to utilize an "All Stop" if any potential concerns arise. Any employee or subcontractor of Ledge Creek Development who violates the safety requirements will be subject to disciplinary action, up to and including dismissal.

5.0 National Grid Technical Safety Requirements

Before any persons related to this project enter the active station portion of the property, National Grid's Western Division Regional Control Center (WRCC) will be contacted at (716) 862-5051. Contact shall also be made at the end of the shift when workers are clear.

Ledge Creek employees and subcontractors must acknowledge their understanding by signing the brief. We will also hold safety meetings when:

1. A new worker or subcontractor begins working (On Boarding)
2. There is a change in the work plan or scope.
3. Prior to working near energized components

The use of safety equipment and PPE will be discussed at each morning brief. PPE required by all employees and subcontractors includes:

1. Class 2 gloves (w/protectors) and EH overshoes for grounding operations
2. Cut Resistant gloves
3. Class E hard hat (meeting ANSI criteria)
4. Safety glasses with side shields (meeting ANSI criteria)
5. Protective work boots, EH rated in suitable condition
6. High Visibility clothing (including a vest or shirt meeting ANSI class 3/107)
7. FR Clothing if work areas are to take persons inside of the active station and exposed to potential flash hazards

This is in addition to LCD company policy, OSHA standards and NG (N1402) Subcontractor Safety controls.

SDSs will be available for all material utilized on site. Workers will be made aware of known/potential safety concerns, exposures and related first aid for all such materials.

All safety meetings and briefs will be signed, documented, and saved on file for a minimum of thirty days after completion of the project.

6.0 Safety Compliance

All Ledge Creek Employees are required to have successfully completed (at a minimum) of the 10-hour OSHA outreach construction training. Additionally, each of our employees has received specific training in, at least, the following areas:

1. Excavation and Trenching
2. Electrical Safety
3. Concrete & Masonry
4. Ladder Use/Safety
5. Personal Protective Equipment
6. Confined Space Hazards
7. Arc Flash Hazards
8. Lockout and Tagout
9. Struck by & Caught in between
10. Electrical Hazard Awareness (NG program)
11. Electrically Qualified (OSHA/LCD)
12. Health Hazards in Construction

Our employees are also encouraged and provided opportunity to seek additional training.

Ledge Creek employs a safety director whose task is to provide resource and monitor aspects of work zone loss, safety, and compliance.

Our employees also have the authority **and are obligated** to call an "All Stop" in the event a known or potential safety situation arises. The Ledge Creek supervisor will take immediate corrective action to rectify any safety issues and work will not resume until the hazard is properly identified and abated.

Ledge Creek will position a competent observer to monitor any tasks where accidental contact with an active utility is possible. The observer will be stationed in position to monitor the movement of equipment such as: cranes, excavators and concrete trucks as needed. The observer will have authority and responsibility to stop any operation they feel may compromise safety. If there is work in proximity to an energized asset; National Grid shall clearly mark the boundary between safe area and any energized areas. If the site is congested or there is higher likelihood of exposure; Ledge Creek will mark this boundary with caution tape and no employee shall enter the restricted zone without authorization. The restricted zones shall be noted each morning in the safety brief.

7.0 Environmental Compliance

Ledge Creek is committed to providing a safe and environmentally sound work zone. As such, we monitor our erosion control measures, comply with DEC regulations and any permit requirements. We will work with the developer to maintain protocol with erosion control and reporting. Staff are trained/certified, and the company equipped to maintain compliance.

Staff are also spill response trained, with all vehicles equipped with a Spill Kit in the event of an unintended leak/spill event. If such event occurs; National Grid supervision and the NYSDEC will be promptly informed.

8.0 Work Plan

8.1 Mobilize

Hold preconstruction safety meeting with our employees and National Grid

Mobilize equipment

Stage Materials

8.2 Work Operations

Excavate

Place CMP

Clean up debris/materials

8.3 Demobilize

EMERGENCY CONTACT INFORMATION

Bailey Avenue Poles

Job Location:
837 Bailey Avenue
Buffalo, NY 14206

Work Summary:
Excavate and place CMP for clean corridor pole installation.

CONTACT NAME		TELEPHONE NUMBER
Emergency		**911**
Mercy Hospital of Buffalo 565 Abbott Road Buffalo, NY 14220		
Western Region Central Control		716-862-5057
LCD Project Manager	Scott Roetzer	716-866-4970
LCD General Superintendent	Dave Matusek	716-866-8345
LCD Foreman	TBD	
LCD Safety Director	Austin St.Laurent	716-523-0713
National Grid Supervisor	Steve Ratka	716-998-2110
National Grid Safety Manager	Garrett Schmidbauer	716-398-3112
National Grid Safety WNY	Jacob Maslak	716-264-7321
National Grid Safety UNY	Megan Jacus	315-296-4290
National Grid Environmental	Lisa Montesano	716-479-5339

DIRECTIONS TO THE NEAREST HOSPITAL

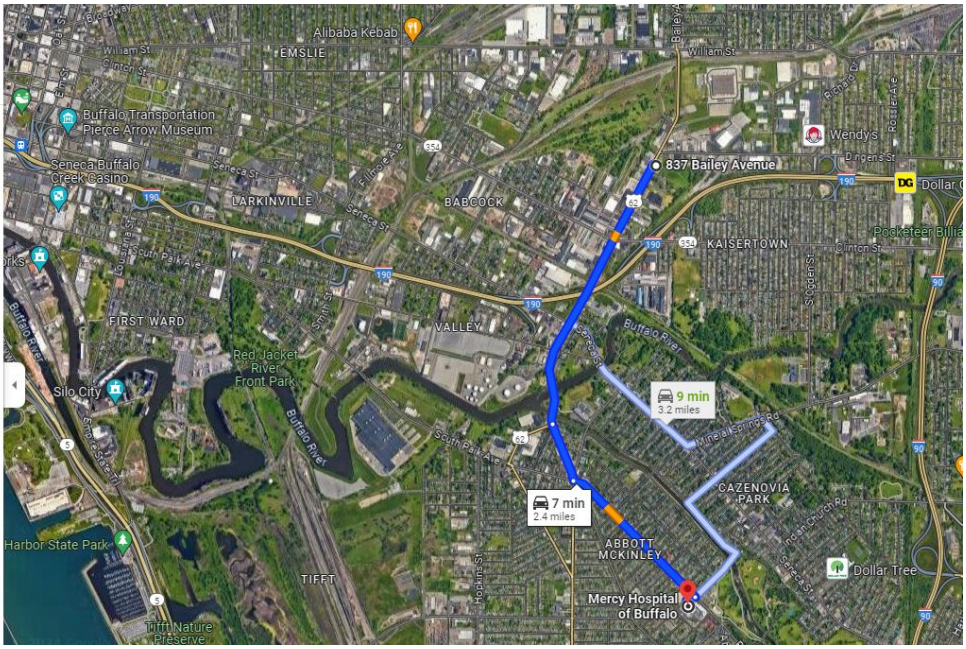
Mercy Hospital of Buffalo
565 Abbott Road
Buffalo, NY 14220

7 min (2.4 miles)
via Bailey Ave and Abbott Rd
Fastest route, the usual traffic

837 Bailey Ave
Buffalo, NY 14206

- Head southwest on Bailey Ave toward Peru Pl
  1.3 mi
- Continue straight onto McKinley Pkwy
  Pass by McDonald's (on the right)
  0.3 mi
- Turn left onto Abbott Rd
  Pass by 7-Eleven (on the right in 0.6 mi)
  0.8 mi
- Turn right onto Lorraine Ave
  233 ft
- Turn left
  Destination will be on the right
  108 ft

Mercy Hospital of Buffalo
565 Abbott Rd, Buffalo, NY 14220



DIRECTIONS TO THE NEAREST URGENT CARE

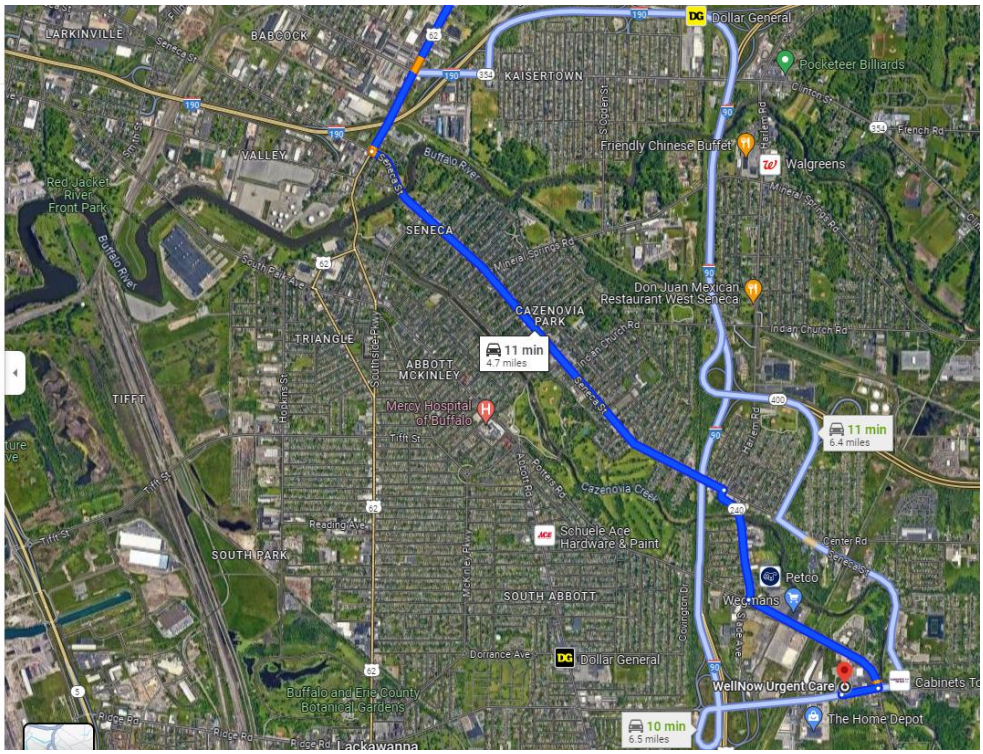
WellNow Urgent Care
1956 Ridge Road
West Seneca, NY 14224

11 min (4.7 miles)
via Seneca St and Orchard Park Rd

837 Bailey Ave
Buffalo, NY 14206

- Head southwest on Bailey Ave toward Peru Pl — 0.8 mi
- Turn left onto Seneca St — Pass by M&T Bank (on the right in 1.3 mi) — 2.4 mi
- Turn right onto Orchard Park Rd — 0.6 mi
- Turn left to stay on Orchard Park Rd — 0.8 mi
- Turn right onto Ridge Rd — 0.2 mi
- Turn right — Destination will be on the right — 151 ft

WellNow Urgent Care
1956 Ridge Rd, West Seneca, NY 14224



Ledge Creek Development

SITE SPECIFIC SAFETY PLAN REVIEW

Bailey Avenue Poles

	Name	Signature	Date	Company if not LCD
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Use back of this page if additional space is needed.

Additional Comments, Needed Revisions or Discussions: _____

_____

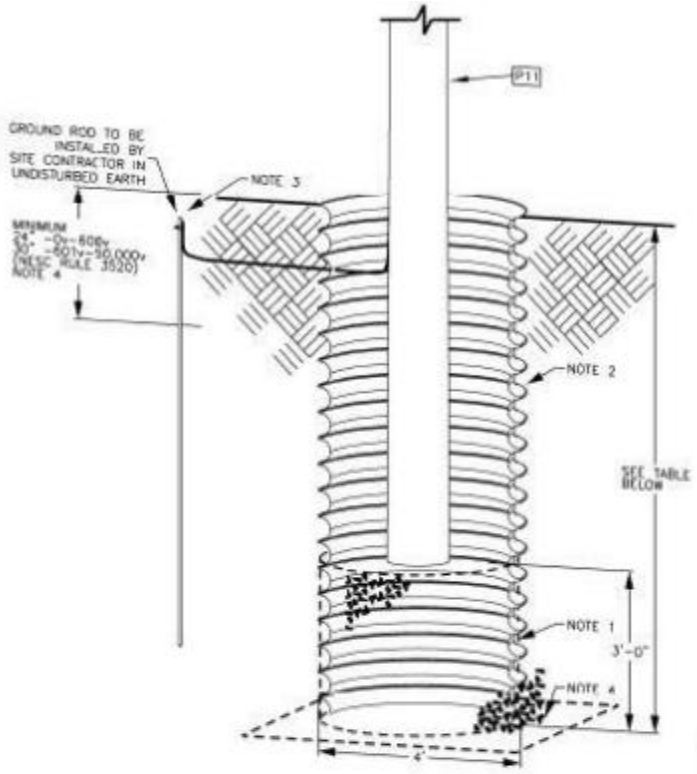
_____

_____

_____

Clean Corridor Sketch

New drawing added.



CORRUGATED METAL PIPE DEPTH TABLE

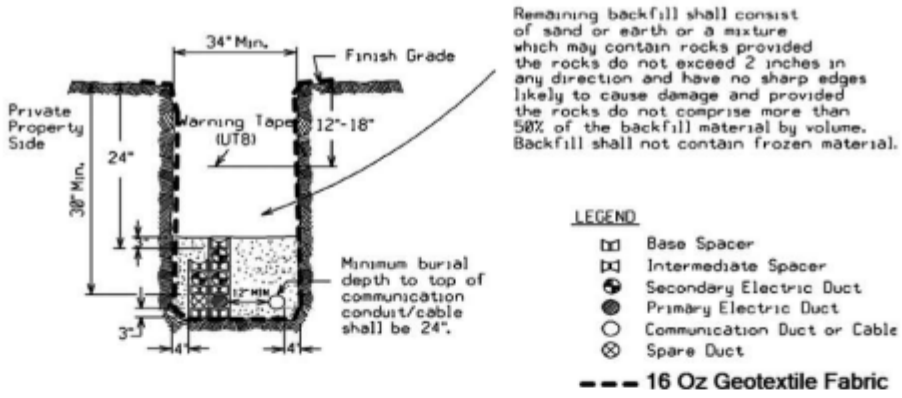
POLE HEIGHT	SET DEPTH
40'	9'-0"
45'	9'-6"
50'	10'-0"
55'	10'-6"

NOTES:

1. CRUSHED STONE BACKFILL WITH AGGREGATE NOT EXCEEDING ¾" IN DIAMETER SHALL BE USED TO BACK FILL POLES. CRUSHED STONE BACKFLL SHALL BE THOROUGHLY TAMPED USING MECHANICAL TAMPERS OR APPROPRIATE HAND TOOLS IN LAYERS NOT EXCEEDING 12" IN DEPTH.
2. CORRUGATED METAL PIPE WITH CORRUGATIONS 2- ⅔" X ½", MINIMUM 16 GUAGE.
3. SEE 13-114 FOR GROUND DETAILS.
4. INSTALL GEOTEXTILE FABRIC AS A BARRIER ON ALL CORRUGATED METAL PIPE OPENINGS.
5. UTILITY CREWS TO INSTALL POLE AND CONNECT TO GROUNDING ALREADY INSTALLED WITH CORREGATED PIPE, GEOTEXTILE BARRIER AND CRUSHED STONE BACKFILL.
6. CORRUGATED STEEL PIPE SHALL BE FREE OF ALL BURS AND JAGGED EDGES IN ORDER TO REDUCE THE RISK OF CUTTING INJURIES DURING HANDLING. CORRUGATED PIPE SHALL BE FITTED WITH EDGE TRIM SUCH AS NEOPRENE RUBBER TO COVER BURS AND JAGGED EDGES.

Designer	Drawing	Date
MPR	cd02301	6/30/20

CLEAN CORRIDOR POLE SET			
nationalgrid	OVERHEAD CONSTRUCTION STANDARD	PAGE NUMBER	ISSUE
		2-301	7/20

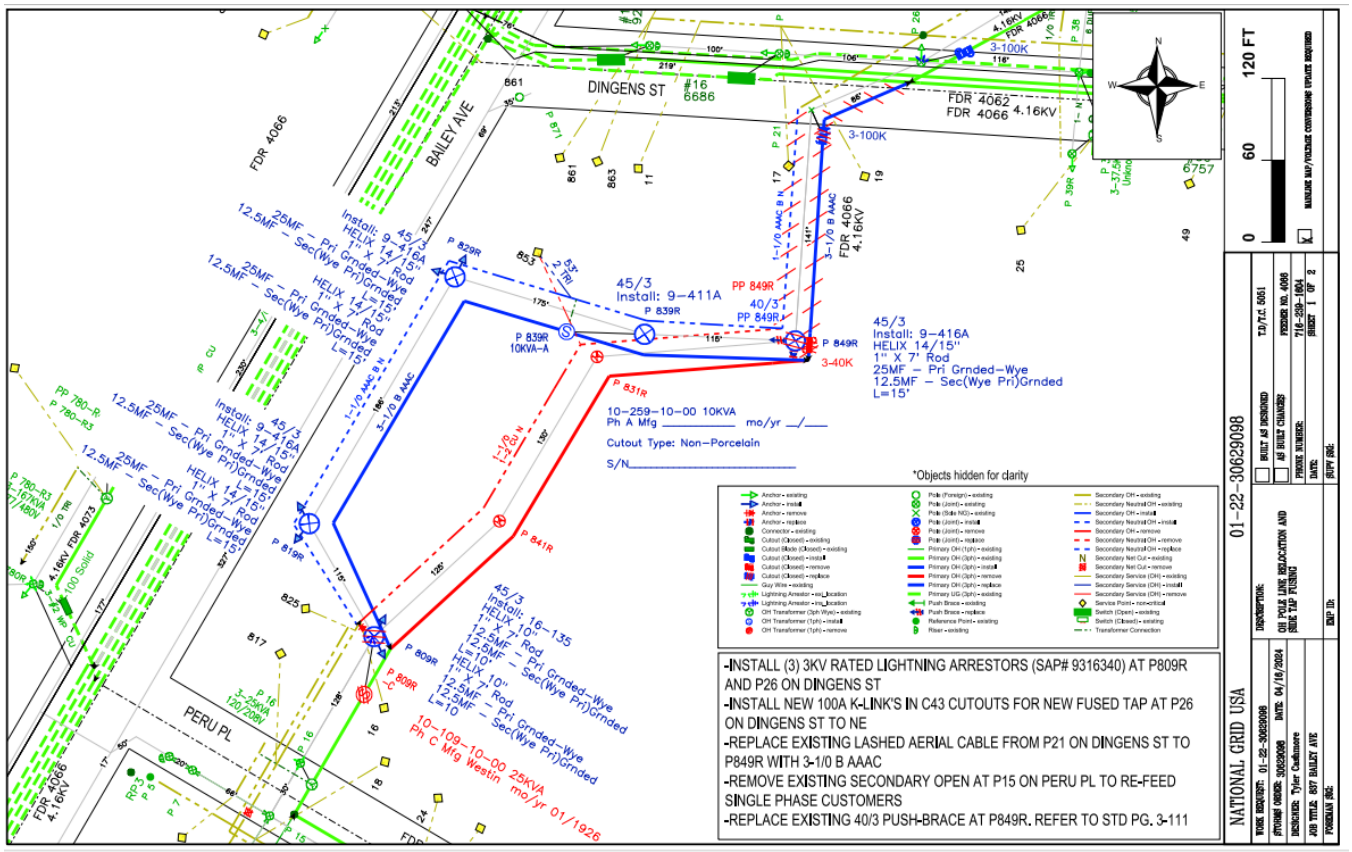


Notes:

1. Line entire URD trench, side walls and bottom, with 16 Oz non-woven geotextile fabric in areas subject to contaminated soil
2. Line the bottom of the trench, under the geotextile fabric, with 20 mils lineal low-density polyethylene (LLDPE) membrane under the geotextile fabric in areas subject to contaminated ground water
3. Backfill scheduled for use on a NYSDEC listed contaminated site will require chemical testing and approval by the NYSDEC prior to placement. Contact Environmental for assistance.
4. Excavations on Listed remedial sites are required to be completed by "Qualified 40-hour OSHA Hazwoper" trained individuals (i.e. trained contractors and/or National Grid personnel).
5. Build URD trench and backfill with sand and loam as indicated in 45.7

TYPICAL TRENCH DETAILS – CLEAN CORRIDOR			
ISSUE	**PAGE NUMBER**	**UNDERGROUND CONSTRUCTION STANDARD**	nationalgrid
7/23	**45-102A**		

National Grid Print



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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

September 11, 2024

Alexis Palumbo-Compton
BE3 Corp
960 Busti Avenue, Suite B-150
Buffalo, New York 14213

Dear Alexis Palumbo-Compton:

Site Management (SM)
Excavation Notification
837 Bailey Ave., Buffalo
Erie County, Site No.: **C915298**

The Department has reviewed and hereby approves your Excavation Notification received September 10, 2024. Please notify the Department 7-days in advance of beginning onsite activities and note these excavations within the upcoming Periodic Review Report. If you have any questions, please contact me at 716-851-7220 or email: megan.kuczka@dec.ny.gov.

Sincerely,

Megan Kuczka
Environmental Program Specialist – 1

MK/ds

ec: Andrea Caprio, P.E., Regional Remediation Engineer, NYSDEC Region 9
Maritza Ruh, 837 Bailey LLC/Quaker Development, Inc.
Jack Ruh, 837 Bailey LLC/Quaker Development, Inc.
Stoyan Ruh, 837 Bailey LLC/Quaker Development, Inc.
Jason Brydges, Be3 Corp
Jeffery Stravino, Esq., Hodgson Russ LLP

Daily Field Reporting

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

960 Busti Ave.
Buffalo, New York 14213

DAILY FIELD REPORT

Date:	Wednesday, October 30, 2024
Site Name:	Bailey Ave - Pole Relocation
Location:	837 Bailey Ave., Buffalo
Contractor/Sub-Contractor:	National Grid DarDrill, Ledge Creek
Weather Conditions:	Sunny 63 ˚F SW 17 mph

Description of Work Performed:

0800 - Crews mobilized.

0845 - Began excavation for pole holes. Using 4' diameter auger for excavation. Stockpiled spoils on poly and covered until analysis and landfill approval.4

0900 - Set caisson, pole and backfilled with clean virgin stone.

1400 - DarDrill finished excavation and demobilized.

1500 - National Grid set six poles and backfilled all.

1530 - Demobilized

Air monitors were operating. No indication of dust.

Problems/Observations:	None.
Health and Saftey Concerns:	None.
Contractor Work Force:	DarDrill - 1 operator, 2 laborers Ledge Creek - 1 operator 2 laborers
Contractor Equipment	Auger, excavator, dump truck and pole truck

Attachments : Daily report, Photo Log, Air Monitoring Report, Work Location Map

Inspectors Name	Libby Broderick

960 Busti Ave.
Buffalo, New York 14213

PHOTO LOG

Date:	Wednesday, October 30, 2024
Site Name:	Bailey Ave - Pole Relocation

Excavated for building foundation

Excavated for building foundation

Placing stone base for foundation

Stockpilied soil

960 Busti Ave.
Buffalo, New York 14213

COMMUNITY AIR MONITORING PROGRAM DATA

Date:	Wednesday, October 30, 2024				
Site Name:	Bailey Ave - Pole Relocation				
Upwind Data		Downwind Data			Delta
Time	PM 10 - 15 min AVG (µg/m³)	Time	PM 10 - 15 min AVG (µg/m³)	VOC	PM 10 - 15m AVG (µg/m³)
10/30/24 8:20 AM	5.3	10/30/24 8:20 AM	6.7		1.4
10/30/24 8:40 AM	2.5	10/30/24 8:40 AM	6.5	0	4
10/30/24 9:00 AM	2.5	10/30/24 9:00 AM	9.5	0	7
10/30/24 9:20 AM	2.7	10/30/24 9:20 AM	6.9	0	4.2
10/30/24 9:40 AM	2.1	10/30/24 9:40 AM	12.1	0	10
10/30/24 10:00 AM	1.4	10/30/24 10:00 AM	9.5	0	8.1
10/30/24 10:20 AM	1.1	10/30/24 10:20 AM	8.7	0	7.6
10/30/24 10:40 AM	1.9	10/30/24 10:40 AM	5.6	0	3.7
10/30/24 11:00 AM	1.5	10/30/24 11:00 AM	6.7	0	5.2
10/30/24 11:20 AM	1.7	10/30/24 11:20 AM	12.8	0	11.1
10/30/24 11:40 AM	1.9	10/30/24 11:40 AM	10.1	0	8.2
10/30/24 12:00 PM	1.8	10/30/24 12:00 PM	9	0	7.2
10/30/24 12:20 PM	2	10/30/24 12:20 PM	5.9	0	3.9
10/30/24 12:40 PM	2.3	10/30/24 12:40 PM	6	0	3.7
10/30/24 1:00 PM	1.1	10/30/24 1:00 PM	6.1	0	5
10/30/24 1:20 PM	1.7	10/30/24 1:20 PM	6.9	0	5.2
10/30/24 1:40 PM	2.8	10/30/24 1:40 PM	7.1	0	4.3
10/30/24 2:00 PM	1.9	10/30/24 2:00 PM	7.9	0	6
10/30/24 2:20 PM	1.6	10/30/24 2:20 PM	8.5	0	6.9
10/30/24 2:40 PM	3.3	10/30/24 2:40 PM	13.1	0	9.8
10/30/24 3:00 PM	3.9	10/30/24 3:00 PM	13.9	0	10
10/30/24 3:20 PM	2.3	10/30/24 3:20 PM	11.4	0	9.1

Particulate Threshold PM 10 15minute average = 100µg/m³ above background

960 Busti Ave.
Buffalo, New York 14213

WORK LOCATION MAP

Date:	Wednesday, October 30, 2024
Site Name:	Bailey Ave - Pole Relocation

Legend	
UW	Dust monitor location (Upwind)
DW	Dust monitor location (Downwind)
	Work Location

960 Busti Ave.
Buffalo, New York 14213

DAILY FIELD REPORT

Date:	Wednesday, December 18, 2024
Site Name:	837 Bailey Avenue
Location:	837 Bailey Avenue, Buffalo
Contractor/Sub-Contractor:	Ledge Creek, National Grid and Pariso Trucking
Weather Conditions:	Cloudy 34 ˚F NW 7 mph

Description of Work Performed:

Arrived onsite at 8 AM and met with Ledge Creek to begin the removal of the spoil piles onsite.
Air monitors were deployed from 8AM-11AM, heavy rain/sleet/ snow started falling and the air monitors were taken down, due to active percipitation in the air acting as dust suppresent.

A total of 3 loads were disposed of at Republic Landfill in Niagara Falls.

BE3 and Ledge Creek offsite at 2pm.

Problems/Observations:	None.
Health and Saftey Concerns:	None.
Contractor Work Force:	Ledge Creek: 1 Operator, 1 Laborer
Contractor Equipment	Excavator and a Dump Truck.

Attachments : Daily report, Photo Log, Air Monitoring Report, Work Location Map

Inspectors Name	Joseph Gambino

960 Busti Ave.
Buffalo, New York 14213

Daily Field Report Continued

Date:	Wednesday, December 18, 2024		
Site Name:	837 Bailey Avenue		
Location:	837 Bailey Avenue, Buffalo		
Work Performed Continued			
Imported Material		Loads:	Amount (Tons)
Exported Material	Destination	Loads:	Amount (Tons)
	Republic Landfill	3	60
Total Material Hauled - Approx. (Tons)			60

960 Busti Ave.
Buffalo, New York 14213

PHOTO LOG

Date:	Wednesday, December 18, 2024
Site Name:	837 Bailey Avenue

Removal of the pile in the NW corner.

View of the pile removed.

Removal of the pile on the west.

View of the pile removed.

960 Busti Ave.
Buffalo, New York 14213

PHOTO LOG

Date:	Wednesday, December 18, 2024
Site Name:	837 Bailey Avenue

Removal of the pile by Bailey Ave.

View of the pile removed.

Removal of the pile on the NE side of the property.

View of the the pile removed.

960 Busti Ave.
Buffalo, New York 14213

PHOTO LOG

Date:	Wednesday, December 18, 2024
Site Name:	837 Bailey Avenue

Removal of the pile on the E side by Bailey Ave.

View of the pile removed.

960 Busti Ave.
Buffalo, New York 14213

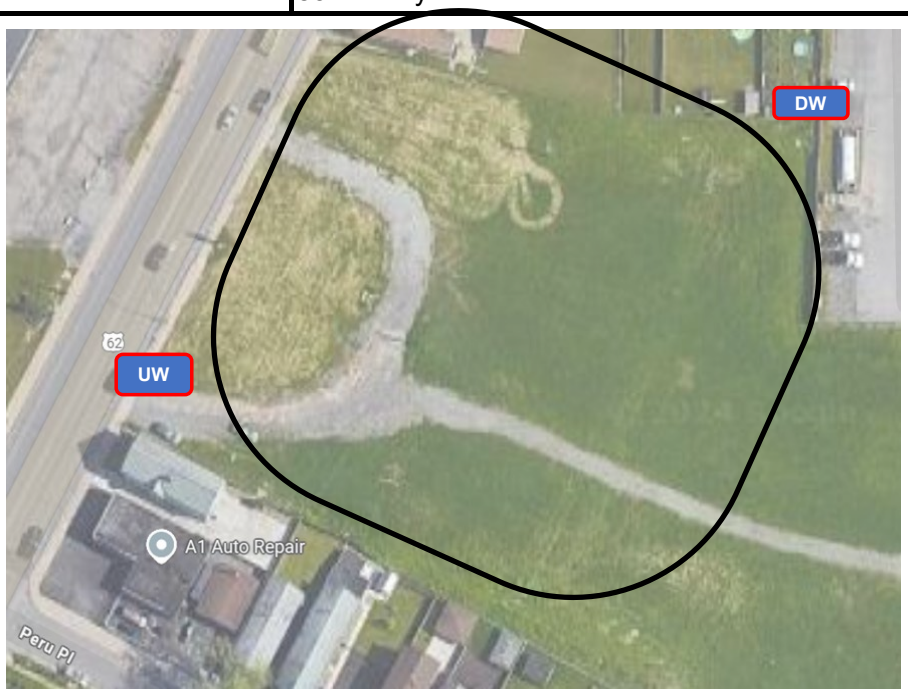
COMMUNITY AIR MONITORING PROGRAM DATA

Date:	Wednesday, December 18, 2024				
Site Name:	837 Bailey Avenue				
Upwind Data		Downwind Data			Delta
Time	PM 10 - 15 min AVG (µg/m³)	Time	PM 10 - 15 min AVG (µg/m³)	VOC	PM 10 - 15m AVG (µg/m³)
12/18/24 8:20 AM		12/18/24 8:20 AM	3.3	0	3.3
12/18/24 8:40 AM	0.3	12/18/24 8:40 AM	2.5	0	2.2
12/18/24 8:50 AM	0.5	12/18/24 8:50 AM	2.5	0	2
12/18/24 9:00 AM	1	12/18/24 9:00 AM	2.3	0	1.3
12/18/24 9:10 AM	0.5	12/18/24 9:10 AM	2.1	0	1.6
12/18/24 9:20 AM	1.9	12/18/24 9:20 AM	1.4	0	-0.5
12/18/24 9:30 AM	1.8	12/18/24 9:30 AM	1.9	0	0.1
12/18/24 9:40 AM	0.3	12/18/24 9:40 AM	1.9	0	1.6
12/18/24 9:50 AM	0.3	12/18/24 9:50 AM	2	0	1.7
12/18/24 10:00 AM	0.3	12/18/24 10:00 AM	1.7	0	1.4
12/18/24 10:10 AM	0.1	12/18/24 10:10 AM	1.9	0	1.8
12/18/24 10:20 AM	0.3	12/18/24 10:20 AM	1.6	0	1.3
12/18/24 10:30 AM	0.3	12/18/24 10:30 AM	2	0	1.7
12/18/24 10:40 AM	0.1	12/18/24 10:40 AM	2.3	0	2.2
12/18/24 10:50 AM	0.3	12/18/24 10:50 AM	1.1	0	0.8
12/18/24 11:00 AM	0.3	12/18/24 11:00 AM	1.7	0	1.4
Particulate Threshold PM 10 15minute average = 100µg/m³ above background					

960 Busti Ave.
Buffalo, New York 14213

WORK LOCATION MAP

Date:	Wednesday, December 18, 2024
Site Name:	837 Bailey Avenue



Legend	
UW	Dust monitor location (Upwind)
DW	Dust monitor location (Downwind)
	Work Location

Import Request

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 0-50

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

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? yes

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

SECTION 3 - SAMPLING

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

N/A - Virgin material

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

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

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

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

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

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

County Line Stone - Brad Buyers

Location where fill was obtained:

Akron, NY

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

See attached

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

Provide a list of supporting documentation included with this request:

Sieve analysis

The information provided on this form is accurate and complete.

	9-26-24
Signature	Date
Douglas Bruce	
Print Name	
Ledge Creek Development, Inc	
Firm	

County Line STONE CO., INC.

4515 CRITTENDEN ROAD, AKRON, N.Y. 14001

Phone 716-542-5435 **Fax 716-542-5442**

ALL SIZES CRUSHED STONE BITUMINOUS CONCRETE AGRICULTURAL LIME

Material **No. 1 Clean Crushed Stone** **Date** **9/24/2024**

Sieve	% Passing	Specification
4"(100mm)		
3"(75mm)		
2 1/2"(63mm)		
2"(50mm)		
1 1/2"(37.5mm)		
1"(25mm)	100.0	100
3/4"(19mm)		
5/8"(16.0mm)		
1/2"(12.5mm)	94.6	90-100
3/8"(9.5mm)		
5/16 "(8.0mm)		
1/4"(6.3mm)	9.2	0-15
#4(4.75mm)		
1/8"(3.2mm)	2.8	
#8(2.36mm)		
#16(1.18mm)		
#20(850um)		
#30(600um)		
#40(425um)		
#50(300um)		
#80(180um)		
#100(150um)		
#200(75um)	0.6	0-1.0
PAN		
TOTAL		

New York State Specifications

Size	Screen Sizes											
Designation	4"	3"	2 1/2"	2"	1 1/2"	1"	1/2"	1/4"	1/8"	No 40	No 80	No 200
Screenings							100	90-100				0-1.0
1B								100	90-100		0-15	0-1.0
1A							100	90-100	0-15			0-1.0
1ST							100	0-15				0-1.0
1						100	90-100	0-15				0-1.0
2					100	90-100	0-15					0-1.0
3A				100	90-100	0-15						0-0.7
3			100	90-100	35-70	0-15						0-0.7
4A		100	90-100		0-20							0-0.7
4	100	90-100		0-15								0-0.7
5	90-100	0-15										0-0.7
TYPE 1		100		90-100				30-65		5-40		0-10
TYPE 2				100				25-60		5-40		0-10
TYPE 3	100							30-75		5-40		0-10
TYPE 4				100				30-65		5-40		0-10

Comments: **Meet all requirements of NYSDOT Item No. 703-02**

NYSDOT Source 5-7RS

GRANULAR MATERIALS DOCUMENTATION FORM

ORIGINATOR:	REGION 5	SOURCE NAME:	County Line Stone Co.
CONTRACT:	Non-Project Specific	SOURCE No:	2908
PIN:	N/A	U.S.G.S. LOCATION:	23-1-I-12
PROJECT:	N/A	TOWNSHIP:	Akron
SAMPLED BY:	Eric Betzold	COUNTY:	Erie
DATE:	9/6/2024		

STOCKPILE NUMBER:	2908-24-20
ITEM:	304.12
ESTIMATED QUANTITY (c.y.):	3800
TIER:	2
CASE:	B

TEST RESULTS

GEB SAMPLE No.							
REG. SAMPLE No.		2908-24-20 NORTH	2908-24-20 EAST	2908-24-20 SOUTH	2908-24-20 WEST		
GRADATION							SPEC REQUIREMENT
SIEVE SIZES	100.0 mm (4 in)	% PASSING BY WEIGHT	**100**	**100**	**100**	**100**	---
	75.0 mm (3 in)		100	100	100	100	---
	50.0 mm (2 in)		100	100	100	100	100
	37.5 mm (1 ½ in)		100	100	100	100	---
	25.0 mm (1 in)		91	91	91	95	---
	19.0 mm (¾ in)		75	80	79	84	---
	12.5 mm (½ in)		56	64	62	69	---
	6.3 mm (¼ in)		**34**	**41**	**38**	**44**	**25-60**
	2.00 mm (no. 10)		18	22	19	18	---
	0.850 mm (no. 20)		11	13	11	11	---
	0.425 mm (no. 40)		**8**	**9**	**8**	**8**	**5-40**
	0.150 mm (no. 100)		6	6	6	6	---
	0.075 mm (no. 200)		**5**	**5**	**4**	**5**	**0-10**
QUALITY		Mean					
Soundness (% Loss)			---	---	---	---	---
Plasticity Index			---	---	---	---	---
pH			---	---	---	---	---

☒ **ACCEPTED: MATERIAL MEETS ALL SPECIFICATION REQUIREMENTS**

☐ **REJECTED: MATERIAL FAILS TO MEET SPECIFICATION REQUIREMENTS FOR**

COMMENTS: **-Conversion factor for this material is 1.48 tons/cy**
-Material passes for 304.11, 304.12, 304.13, 304.14, and any option under 304.15
-SM24042237

NAME: Eric J. Betzold

SIGNATURE: Eric J. Betzold 9/11/2024

TITLE: REGIONAL GEOTECHNICAL ENGINEER (or designee)

DATE: 9/11/2024

PERMIT

Under the Environmental Conservation Law (ECL)

Permittee and Facility Information

Permit Issued To:
COUNTY LINE STONE CO INC
4515 CRITTENDEN RD
PO Box 150
AKRON, NY 14001-0150
(716) 542-5435

Facility:
COUNTY LINE STONE - AKRON QUARRY
COUNTY LINE RD SOUTH OF SCHURR RD
AKRON, NY 14001

Facility Location: in NEWSTEAD in ERIE COUNTY
Facility Principal Reference Point: NYTM-E: 217 NYTM-N: 4763.4
Latitude: 42°58'14.3" Longitude: 78°28'12.8"

Authorized Activity: This permit authorizes mining of a limestone quarry from a 366.5 acre permit term area within a 387 acre Life of Mine facility. Material extraction includes the use of blasting with onsite processing. The proposed project will impact approximately 11.2 acres of State Regulated Freshwater Wetland CR-29, and regulated 100 foot wide adjacent area of State Regulated Wetlands CR-29 and CR-30 (both Class 3), which are located to the east of Crittenden Road and south of the New York State Thruway I-90. As part of the wetland mitigation plan, a depleted sand and gravel pit, formerly operated by Pine Hill Materials Corp., and located northeast of the intersection of Siehl and Crittenden Roads, will be developed into a State regulated 13.98 acre created wetland within 35 acres of protected upland at that location. Under the wetland mitigation plan, there will also be 9 acres of wetland enhancement and 168 acres of wetland protection. At reclamation, the mine will be reclaimed to two connected lakes totaling about 305 acres.

Permit Authorizations

Mined Land Reclamation - Under Article 23, Title 27
Permit ID 9-1456-00004/00013 (Mined Land ID 90093)
Renewal Effective Date: 7/5/2018 Expiration Date: 7/4/2023

Freshwater Wetlands - Under Article 24
Permit ID 9-1456-00004/00017
Renewal Effective Date: 7/5/2018 Expiration Date: 7/4/2023

Water Quality Certification - Under Section 401 - Clean Water Act
Permit ID 9-1456-00004/00016
Renewal Effective Date: 7/5/2018 Expiration Date: 7/4/2023

The New York State
Department of Environmental Conservation
has issued a

MINING PERMIT

pursuant to the Environmental Conservation Law for the mining operation being conducted on this site. For more information regarding the nature and extent of work approved, contact the Mined Land Reclamation Specialist shown below. Please refer to the mine file number shown when contacting the DEC.

Mine File Number 90564 Permit Expiration Date 11/3/2024

DEC Contact Lucas Mahoney - MLRS2

Phone Number 379-6380

NOTE: THIS IS NOT A PERMIT

ML-1

RT 77

RT 5

County Line STONE Co., Inc.

CRITTENDEN ROAD, P.O. BOX 150, AKRON, NEW YORK 14001

PHONE 716-542-5435 FAX 716-542-5442

ALL SIZES OF CRUSHED STONE BITUMINOUS CONCRETE AGRICULTURAL LIME

January 9th, 2024

To whom it may concern,

This letter is to serve as notice that all of the aggregate produced and sold by County Line Stone Company in Akron, NY is free from any known contaminates or additives. Our Aggregate is produced by crushing the mineable virgin limestone from our Akron, NY Quarry. Water may be added to the product for dust control.

Regards,

Eric Lukowski, Quality Control Manager

ERIE COUNTY | GENESEE COUNTY

WYOMING COUNTY

Disposal Sampling Analytical Results

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jason Brydges
Brydges Engineering in Environment & Energy DPC
960 Busti Ave
Suite B-150
Buffalo, New York 14213

Generated 11/8/2024 9:07:33 AM

JOB DESCRIPTION

837 Bailey Avenue

JOB NUMBER

480-225003-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

Generated
11/8/2024 9:07:33 AM

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 9
QC Sample Results 11
QC Association Summary 17
Lab Chronicle 19
Certification Summary 20
Method Summary 21
Sample Summary 22
Chain of Custody 23
Receipt Checklists 24

Definitions/Glossary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-225003-1
Project/Site: 837 Bailey Avenue

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-225003-1 Eurofins Buffalo

Job Narrative
480-225003-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The sample was received on 10/31/2024 9:27 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 10.6°C.

GC/MS VOA
Method 8260C - TCLP: The following samples were diluted due to the nature of the TCLP matrix: D-1 (480-225003-1) and (LB 480-731016/1-A). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-225003-1
Project/Site: 837 Bailey Avenue

Client Sample ID: D-1
Lab Sample ID: 480-225003-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0067	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	1.1		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.0027		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	0.025		0.020	0.0030	mg/L	1		6010C	TCLP

This Detection Summary does not include radiochemical test results.

Client Sample ID: D-1
Lab Sample ID: 480-225003-1

Date Collected: 10/31/24 09:00
Matrix: Solid

Date Received: 10/31/24 09:27

Method: SW846 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.010	U	0.010	0.0041	mg/L			11/06/24 15:25	10
Carbon tetrachloride	0.010	U	0.010	0.0027	mg/L			11/06/24 15:25	10
Chlorobenzene	0.010	U	0.010	0.0075	mg/L			11/06/24 15:25	10
Chloroform	0.010	U	0.010	0.0034	mg/L			11/06/24 15:25	10
1,2-Dichloroethane	0.010	U	0.010	0.0021	mg/L			11/06/24 15:25	10
1,1-Dichloroethene	0.010	U	0.010	0.0029	mg/L			11/06/24 15:25	10
2-Butanone (MEK)	0.050	U	0.050	0.013	mg/L			11/06/24 15:25	10
Tetrachloroethene	0.010	U	0.010	0.0036	mg/L			11/06/24 15:25	10
Trichloroethene	0.010	U	0.010	0.0046	mg/L			11/06/24 15:25	10
Vinyl chloride	0.010	U	0.010	0.0090	mg/L			11/06/24 15:25	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*11/06/24 15:25*	*10*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/06/24 15:25*	*10*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*11/06/24 15:25*	*10*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*11/06/24 15:25*	*10*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.040	U	0.040	0.0018	mg/L		11/05/24 09:23	11/06/24 13:26	1
2,4-Dinitrotoluene	0.020	U	0.020	0.0017	mg/L		11/05/24 09:23	11/06/24 13:26	1
Hexachlorobenzene	0.020	U	0.020	0.0020	mg/L		11/05/24 09:23	11/06/24 13:26	1
Hexachlorobutadiene	0.020	U	0.020	0.0027	mg/L		11/05/24 09:23	11/06/24 13:26	1
Hexachloroethane	0.020	U	0.020	0.0023	mg/L		11/05/24 09:23	11/06/24 13:26	1
3-Methylphenol	0.040	U	0.040	0.0016	mg/L		11/05/24 09:23	11/06/24 13:26	1
2-Methylphenol	0.020	U	0.020	0.0016	mg/L		11/05/24 09:23	11/06/24 13:26	1
4-Methylphenol	0.040	U	0.040	0.0014	mg/L		11/05/24 09:23	11/06/24 13:26	1
Nitrobenzene	0.020	U	0.020	0.0011	mg/L		11/05/24 09:23	11/06/24 13:26	1
Pentachlorophenol	0.040	U	0.040	0.0088	mg/L		11/05/24 09:23	11/06/24 13:26	1
Pyridine	0.10	U	0.10	0.0016	mg/L		11/05/24 09:23	11/06/24 13:26	1
2,4,5-Trichlorophenol	0.020	U	0.020	0.0019	mg/L		11/05/24 09:23	11/06/24 13:26	1
2,4,6-Trichlorophenol	0.020	U	0.020	0.0024	mg/L		11/05/24 09:23	11/06/24 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*80*		*25 - 144*	*11/05/24 09:23*	*11/06/24 13:26*	*1*
2-Fluorobiphenyl	*76*		*53 - 126*	*11/05/24 09:23*	*11/06/24 13:26*	*1*
2-Fluorophenol	*40*		*24 - 120*	*11/05/24 09:23*	*11/06/24 13:26*	*1*
Nitrobenzene-d5	*71*		*29 - 129*	*11/05/24 09:23*	*11/06/24 13:26*	*1*
p-Terphenyl-d14	*87*		*33 - 132*	*11/05/24 09:23*	*11/06/24 13:26*	*1*
Phenol-d5	*28*		*10 - 120*	*11/05/24 09:23*	*11/06/24 13:26*	*1*

Method: SW846 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0067**	**J**	0.015	0.0056	mg/L		11/05/24 09:17	11/05/24 20:04	1
Barium	**1.1**		1.0	0.10	mg/L		11/05/24 09:17	11/05/24 20:04	1
Cadmium	**0.0027**		0.0020	0.00050	mg/L		11/05/24 09:17	11/05/24 20:04	1
Chromium	0.020	U	0.020	0.010	mg/L		11/05/24 09:17	11/05/24 20:04	1
Lead	**0.025**		0.020	0.0030	mg/L		11/05/24 09:17	11/05/24 20:04	1
Selenium	0.025	U	0.025	0.0087	mg/L		11/05/24 09:17	11/06/24 10:03	1
Silver	0.0060	U	0.0060	0.0017	mg/L		11/05/24 09:17	11/05/24 20:04	1

Client Sample Results

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-225003-1
Project/Site: 837 Bailey Avenue

Client Sample ID: D-1
Lab Sample ID: 480-225003-1
Date Collected: 10/31/24 09:00
Matrix: Solid
Date Received: 10/31/24 09:27

Method: SW846 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00020	0.000042	mg/L		11/05/24 10:35	11/05/24 15:48	1

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-225003-1
Project/Site: 837 Bailey Avenue

Method: 8260C - TCLP Volatiles

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(80-120)	(73-120)	(75-123)
LCS 480-731365/6	Lab Control Sample	99	104	101	102
MB 480-731365/8	Method Blank	104	97	97	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - TCLP Volatiles

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(80-120)	(73-120)	(75-123)
480-225003-1	D-1	102	97	93	102
LB 480-731016/1-A	Method Blank	101	94	92	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL
Lab Sample ID	Client Sample ID	(25-144)	(53-126)	(24-120)	(29-129)	(33-132)	(10-120)
LCS 480-731203/2-A	Lab Control Sample	106	94	57	94	100	42
LCSD 480-731203/3-A	Lab Control Sample Dup	102	95	56	90	99	41
MB 480-731203/1-A	Method Blank	86	88	50	82	96	32

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPHd14 = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL
Lab Sample ID	Client Sample ID	(25-144)	(53-126)	(24-120)	(29-129)	(33-132)	(10-120)
480-225003-1	D-1	80	76	40	71	87	28
LB 480-731010/1-D	Method Blank	94	92	50	87	97	35

Surrogate Legend

TBP = 2,4,6-Tribromophenol

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-225003-1
Project/Site: 837 Bailey Avenue

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPHd14 = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8260C - TCLP Volatiles

Lab Sample ID: MB 480-731365/8
Matrix: Solid
Analysis Batch: 731365

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0010	U	0.0010	0.00041	mg/L			11/06/24 14:22	1
Carbon tetrachloride	0.0010	U	0.0010	0.00027	mg/L			11/06/24 14:22	1
Chlorobenzene	0.0010	U	0.0010	0.00075	mg/L			11/06/24 14:22	1
Chloroform	0.0010	U	0.0010	0.00034	mg/L			11/06/24 14:22	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00021	mg/L			11/06/24 14:22	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00029	mg/L			11/06/24 14:22	1
2-Butanone (MEK)	0.0050	U	0.0050	0.0013	mg/L			11/06/24 14:22	1
Tetrachloroethene	0.0010	U	0.0010	0.00036	mg/L			11/06/24 14:22	1
Trichloroethene	0.0010	U	0.0010	0.00046	mg/L			11/06/24 14:22	1
Vinyl chloride	0.0010	U	0.0010	0.00090	mg/L			11/06/24 14:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*11/06/24 14:22*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/06/24 14:22*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*11/06/24 14:22*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*11/06/24 14:22*	*1*

Lab Sample ID: LCS 480-731365/6
Matrix: Solid
Analysis Batch: 731365

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0250	0.0262		mg/L		105	71 - 124
Carbon tetrachloride	0.0250	0.0290		mg/L		116	72 - 134
Chlorobenzene	0.0250	0.0267		mg/L		107	80 - 120
Chloroform	0.0250	0.0243		mg/L		97	73 - 127
1,2-Dichloroethane	0.0250	0.0263		mg/L		105	75 - 120
1,1-Dichloroethene	0.0250	0.0267		mg/L		107	66 - 127
2-Butanone (MEK)	0.125	0.119		mg/L		95	57 - 140
Tetrachloroethene	0.0250	0.0275		mg/L		110	74 - 122
Trichloroethene	0.0250	0.0270		mg/L		108	74 - 123
Vinyl chloride	0.0250	0.0258		mg/L		103	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*102*		*75 - 123*

Lab Sample ID: LB 480-731016/1-A
Matrix: Solid
Analysis Batch: 731365

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.010	U	0.010	0.0041	mg/L			11/06/24 15:00	10
Carbon tetrachloride	0.010	U	0.010	0.0027	mg/L			11/06/24 15:00	10
Chlorobenzene	0.010	U	0.010	0.0075	mg/L			11/06/24 15:00	10
Chloroform	0.010	U	0.010	0.0034	mg/L			11/06/24 15:00	10

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-731016/1-A
Matrix: Solid
Analysis Batch: 731365

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.010	U	0.010	0.0021	mg/L			11/06/24 15:00	10
1,1-Dichloroethene	0.010	U	0.010	0.0029	mg/L			11/06/24 15:00	10
2-Butanone (MEK)	0.050	U	0.050	0.013	mg/L			11/06/24 15:00	10
Tetrachloroethene	0.010	U	0.010	0.0036	mg/L			11/06/24 15:00	10
Trichloroethene	0.010	U	0.010	0.0046	mg/L			11/06/24 15:00	10
Vinyl chloride	0.010	U	0.010	0.0090	mg/L			11/06/24 15:00	10

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*11/06/24 15:00*	*10*
Toluene-d8 (Surr)	*94*		*80 - 120*		*11/06/24 15:00*	*10*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*11/06/24 15:00*	*10*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*11/06/24 15:00*	*10*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-731203/1-A
Matrix: Solid
Analysis Batch: 731326

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731203

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.010	U	0.010	0.00045	mg/L		11/05/24 09:23	11/06/24 11:09	1
2,4-Dinitrotoluene	0.0050	U	0.0050	0.00043	mg/L		11/05/24 09:23	11/06/24 11:09	1
Hexachlorobenzene	0.0050	U	0.0050	0.00050	mg/L		11/05/24 09:23	11/06/24 11:09	1
Hexachlorobutadiene	0.0050	U	0.0050	0.00068	mg/L		11/05/24 09:23	11/06/24 11:09	1
Hexachloroethane	0.0050	U	0.0050	0.00058	mg/L		11/05/24 09:23	11/06/24 11:09	1
3-Methylphenol	0.010	U	0.010	0.00040	mg/L		11/05/24 09:23	11/06/24 11:09	1
2-Methylphenol	0.0050	U	0.0050	0.00040	mg/L		11/05/24 09:23	11/06/24 11:09	1
4-Methylphenol	0.010	U	0.010	0.00035	mg/L		11/05/24 09:23	11/06/24 11:09	1
Nitrobenzene	0.0050	U	0.0050	0.00028	mg/L		11/05/24 09:23	11/06/24 11:09	1
Pentachlorophenol	0.010	U	0.010	0.0022	mg/L		11/05/24 09:23	11/06/24 11:09	1
Pyridine	0.025	U	0.025	0.00040	mg/L		11/05/24 09:23	11/06/24 11:09	1
2,4,5-Trichlorophenol	0.0050	U	0.0050	0.00048	mg/L		11/05/24 09:23	11/06/24 11:09	1
2,4,6-Trichlorophenol	0.0050	U	0.0050	0.00060	mg/L		11/05/24 09:23	11/06/24 11:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*86*		*25 - 144*	*11/05/24 09:23*	*11/06/24 11:09*	*1*
2-Fluorobiphenyl	*88*		*53 - 126*	*11/05/24 09:23*	*11/06/24 11:09*	*1*
2-Fluorophenol	*50*		*24 - 120*	*11/05/24 09:23*	*11/06/24 11:09*	*1*
Nitrobenzene-d5	*82*		*29 - 129*	*11/05/24 09:23*	*11/06/24 11:09*	*1*
p-Terphenyl-d14	*96*		*33 - 132*	*11/05/24 09:23*	*11/06/24 11:09*	*1*
Phenol-d5	*32*		*10 - 120*	*11/05/24 09:23*	*11/06/24 11:09*	*1*

Lab Sample ID: LCS 480-731203/2-A
Matrix: Solid
Analysis Batch: 731326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731203

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	0.0400	0.0265		mg/L		66	42 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-731203/2-A
Matrix: Solid
Analysis Batch: 731326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731203

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4-Dinitrotoluene			0.0400	0.0410		mg/L		102	69 - 120		
Hexachlorobenzene			0.0400	0.0408		mg/L		102	61 - 120		
Hexachlorobutadiene			0.0400	0.0258		mg/L		65	35 - 120		
Hexachloroethane			0.0400	0.0239		mg/L		60	33 - 120		
3-Methylphenol			0.0400	0.0326		mg/L		82	39 - 120		
2-Methylphenol			0.0400	0.0340		mg/L		85	39 - 120		
4-Methylphenol			0.0400	0.0326		mg/L		82	29 - 131		
Nitrobenzene			0.0400	0.0379		mg/L		95	53 - 123		
Pentachlorophenol			0.0800	0.0870		mg/L		109	10 - 136		
Pyridine			0.0800	0.0547		mg/L		68	10 - 120		
2,4,5-Trichlorophenol			0.0400	0.0403		mg/L		101	65 - 126		
2,4,6-Trichlorophenol			0.0400	0.0398		mg/L		99	64 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*106*		*25 - 144*
2-Fluorobiphenyl	*94*		*53 - 126*
2-Fluorophenol	*57*		*24 - 120*
Nitrobenzene-d5	*94*		*29 - 129*
p-Terphenyl-d14	*100*		*33 - 132*
Phenol-d5	*42*		*10 - 120*

Lab Sample ID: LCSD 480-731203/3-A
Matrix: Solid
Analysis Batch: 731326

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 731203

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene			0.0400	0.0273		mg/L		68	42 - 120	3	36
2,4-Dinitrotoluene			0.0400	0.0398		mg/L		100	69 - 120	3	20
Hexachlorobenzene			0.0400	0.0410		mg/L		102	61 - 120	0	15
Hexachlorobutadiene			0.0400	0.0270		mg/L		67	35 - 120	4	44
Hexachloroethane			0.0400	0.0257		mg/L		64	33 - 120	7	46
3-Methylphenol			0.0400	0.0315		mg/L		79	39 - 120	3	30
2-Methylphenol			0.0400	0.0330		mg/L		83	39 - 120	3	27
4-Methylphenol			0.0400	0.0315		mg/L		79	29 - 131	3	24
Nitrobenzene			0.0400	0.0377		mg/L		94	53 - 123	1	24
Pentachlorophenol			0.0800	0.0834		mg/L		104	10 - 136	4	37
Pyridine			0.0800	0.0574		mg/L		72	10 - 120	5	49
2,4,5-Trichlorophenol			0.0400	0.0405		mg/L		101	65 - 126	1	18
2,4,6-Trichlorophenol			0.0400	0.0385		mg/L		96	64 - 120	3	19

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*102*		*25 - 144*
2-Fluorobiphenyl	*95*		*53 - 126*
2-Fluorophenol	*56*		*24 - 120*
Nitrobenzene-d5	*90*		*29 - 129*
p-Terphenyl-d14	*99*		*33 - 132*
Phenol-d5	*41*		*10 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 480-731010/1-D
Matrix: Solid
Analysis Batch: 731326

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 731203

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.040	U	0.040	0.0018	mg/L		11/05/24 09:23	11/06/24 12:31	1
2,4-Dinitrotoluene	0.020	U	0.020	0.0017	mg/L		11/05/24 09:23	11/06/24 12:31	1
Hexachlorobenzene	0.020	U	0.020	0.0020	mg/L		11/05/24 09:23	11/06/24 12:31	1
Hexachlorobutadiene	0.020	U	0.020	0.0027	mg/L		11/05/24 09:23	11/06/24 12:31	1
Hexachloroethane	0.020	U	0.020	0.0023	mg/L		11/05/24 09:23	11/06/24 12:31	1
3-Methylphenol	0.040	U	0.040	0.0016	mg/L		11/05/24 09:23	11/06/24 12:31	1
2-Methylphenol	0.020	U	0.020	0.0016	mg/L		11/05/24 09:23	11/06/24 12:31	1
4-Methylphenol	0.040	U	0.040	0.0014	mg/L		11/05/24 09:23	11/06/24 12:31	1
Nitrobenzene	0.020	U	0.020	0.0011	mg/L		11/05/24 09:23	11/06/24 12:31	1
Pentachlorophenol	0.040	U	0.040	0.0088	mg/L		11/05/24 09:23	11/06/24 12:31	1
Pyridine	0.10	U	0.10	0.0016	mg/L		11/05/24 09:23	11/06/24 12:31	1
2,4,5-Trichlorophenol	0.020	U	0.020	0.0019	mg/L		11/05/24 09:23	11/06/24 12:31	1
2,4,6-Trichlorophenol	0.020	U	0.020	0.0024	mg/L		11/05/24 09:23	11/06/24 12:31	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*25 - 144*	*11/05/24 09:23*	*11/06/24 12:31*	*1*
2-Fluorobiphenyl	*92*		*53 - 126*	*11/05/24 09:23*	*11/06/24 12:31*	*1*
2-Fluorophenol	*50*		*24 - 120*	*11/05/24 09:23*	*11/06/24 12:31*	*1*
Nitrobenzene-d5	*87*		*29 - 129*	*11/05/24 09:23*	*11/06/24 12:31*	*1*
p-Terphenyl-d14	*97*		*33 - 132*	*11/05/24 09:23*	*11/06/24 12:31*	*1*
Phenol-d5	*35*		*10 - 120*	*11/05/24 09:23*	*11/06/24 12:31*	*1*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-731186/2-A
Matrix: Solid
Analysis Batch: 731318

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731186

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	1.0	U	1.0	0.10	mg/L		11/05/24 09:17	11/05/24 19:54	1
Cadmium	0.0020	U	0.0020	0.00050	mg/L		11/05/24 09:17	11/05/24 19:54	1
Chromium	0.020	U ^5-	0.020	0.010	mg/L		11/05/24 09:17	11/05/24 19:54	1
Lead	0.020	U	0.020	0.0030	mg/L		11/05/24 09:17	11/05/24 19:54	1
Silver	0.0060	U ^5-	0.0060	0.0017	mg/L		11/05/24 09:17	11/05/24 19:54	1

Lab Sample ID: MB 480-731186/2-A
Matrix: Solid
Analysis Batch: 731375

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731186

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.015	U	0.015	0.0056	mg/L		11/05/24 09:17	11/06/24 09:46	1
Selenium	0.025	U	0.025	0.0087	mg/L		11/05/24 09:17	11/06/24 09:46	1

Lab Sample ID: LCS 480-731186/3-A
Matrix: Solid
Analysis Batch: 731318

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731186

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Barium			1.00	0.951	J	mg/L		95	80 - 120		

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-731186/3-A
Matrix: Solid
Analysis Batch: 731318

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731186

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.500	0.460		mg/L		92	80 - 120
Chromium	0.500	0.451	^5-	mg/L		90	80 - 120
Lead	0.500	0.496		mg/L		99	80 - 120
Silver	0.0500	0.0486	^5-	mg/L		97	80 - 120

Lab Sample ID: LCS 480-731186/3-A
Matrix: Solid
Analysis Batch: 731375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731186

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.00	0.953		mg/L		95	80 - 120
Selenium	1.00	0.909		mg/L		91	80 - 120

Lab Sample ID: LB 480-731010/1-B
Matrix: Solid
Analysis Batch: 731318

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 731186

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	1.0	U	1.0	0.10	mg/L		11/05/24 09:17	11/05/24 19:52	1
Cadmium	0.0020	U	0.0020	0.00050	mg/L		11/05/24 09:17	11/05/24 19:52	1
Chromium	0.020	U	0.020	0.010	mg/L		11/05/24 09:17	11/05/24 19:52	1
Lead	0.020	U	0.020	0.0030	mg/L		11/05/24 09:17	11/05/24 19:52	1
Silver	0.0060	U	0.0060	0.0017	mg/L		11/05/24 09:17	11/05/24 19:52	1

Lab Sample ID: LB 480-731010/1-B
Matrix: Solid
Analysis Batch: 731375

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 731186

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.015	U	0.015	0.0056	mg/L		11/05/24 09:17	11/06/24 09:44	1
Selenium	0.025	U	0.025	0.0087	mg/L		11/05/24 09:17	11/06/24 09:44	1

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-731192/2-A
Matrix: Solid
Analysis Batch: 731278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00020	0.000042	mg/L		11/05/24 10:35	11/05/24 15:45	1

Lab Sample ID: LCS 480-731192/3-A
Matrix: Solid
Analysis Batch: 731278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731192

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00680	0.00554		mg/L		81	80 - 120

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-225003-1
Project/Site: 837 Bailey Avenue

Method: 7470A - TCLP Mercury (Continued)

Lab Sample ID: LB 480-731010/1-C
Matrix: Solid
Analysis Batch: 731278

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 731192

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00020	0.000042	mg/L		11/05/24 10:35	11/05/24 15:44	1

QC Association Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-225003-1
Project/Site: 837 Bailey Avenue

GC/MS VOA

Leach Batch: 731016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-225003-1	D-1	TCLP	Solid	1311	
LB 480-731016/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 731365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-225003-1	D-1	TCLP	Solid	8260C	731016
LB 480-731016/1-A	Method Blank	TCLP	Solid	8260C	731016
MB 480-731365/8	Method Blank	Total/NA	Solid	8260C	
LCS 480-731365/6	Lab Control Sample	Total/NA	Solid	8260C	

GC/MS Semi VOA

Leach Batch: 731010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-225003-1	D-1	TCLP	Solid	1311	
LB 480-731010/1-D	Method Blank	TCLP	Solid	1311	

Prep Batch: 731203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-225003-1	D-1	TCLP	Solid	3510C	731010
LB 480-731010/1-D	Method Blank	TCLP	Solid	3510C	731010
MB 480-731203/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 480-731203/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-731203/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 731326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-225003-1	D-1	TCLP	Solid	8270D	731203
LB 480-731010/1-D	Method Blank	TCLP	Solid	8270D	731203
MB 480-731203/1-A	Method Blank	Total/NA	Solid	8270D	731203
LCS 480-731203/2-A	Lab Control Sample	Total/NA	Solid	8270D	731203
LCSD 480-731203/3-A	Lab Control Sample Dup	Total/NA	Solid	8270D	731203

Metals

Leach Batch: 731010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-225003-1	D-1	TCLP	Solid	1311	
LB 480-731010/1-B	Method Blank	TCLP	Solid	1311	
LB 480-731010/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 731186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-225003-1	D-1	TCLP	Solid	3010A	731010
LB 480-731010/1-B	Method Blank	TCLP	Solid	3010A	731010
MB 480-731186/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 480-731186/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 731192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-225003-1	D-1	TCLP	Solid	7470A	731010
LB 480-731010/1-C	Method Blank	TCLP	Solid	7470A	731010

Metals (Continued)

Prep Batch: 731192 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-731192/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 480-731192/3-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 731278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-225003-1	D-1	TCLP	Solid	7470A	731192
LB 480-731010/1-C	Method Blank	TCLP	Solid	7470A	731192
MB 480-731192/2-A	Method Blank	Total/NA	Solid	7470A	731192
LCS 480-731192/3-A	Lab Control Sample	Total/NA	Solid	7470A	731192

Analysis Batch: 731318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-225003-1	D-1	TCLP	Solid	6010C	731186
LB 480-731010/1-B	Method Blank	TCLP	Solid	6010C	731186
MB 480-731186/2-A	Method Blank	Total/NA	Solid	6010C	731186
LCS 480-731186/3-A	Lab Control Sample	Total/NA	Solid	6010C	731186

Analysis Batch: 731375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-225003-1	D-1	TCLP	Solid	6010C	731186
LB 480-731010/1-B	Method Blank	TCLP	Solid	6010C	731186
MB 480-731186/2-A	Method Blank	Total/NA	Solid	6010C	731186
LCS 480-731186/3-A	Lab Control Sample	Total/NA	Solid	6010C	731186

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-225003-1
Project/Site: 837 Bailey Avenue

Client Sample ID: D-1
Lab Sample ID: 480-225003-1
Date Collected: 10/31/24 09:00
Matrix: Solid
Date Received: 10/31/24 09:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			731016	SMP	EET BUF	11/04/24 07:17 - 11/05/24 09:18 [1]
TCLP	Analysis	8260C		10	731365	ERS	EET BUF	11/06/24 15:25
TCLP	Leach	1311			731010	SMP	EET BUF	11/04/24 07:13 - 11/05/24 07:56 [1]
TCLP	Prep	3510C			731203	JMP	EET BUF	11/05/24 09:23
TCLP	Analysis	8270D		1	731326	JMM	EET BUF	11/06/24 13:26
TCLP	Leach	1311			731010	SMP	EET BUF	11/04/24 07:13 - 11/05/24 07:56 [1]
TCLP	Prep	3010A			731186	EMO	EET BUF	11/05/24 09:17
TCLP	Analysis	6010C		1	731318	BMB	EET BUF	11/05/24 20:04
TCLP	Leach	1311			731010	SMP	EET BUF	11/04/24 07:13 - 11/05/24 07:56 [1]
TCLP	Prep	3010A			731186	EMO	EET BUF	11/05/24 09:17
TCLP	Analysis	6010C		1	731375	BMB	EET BUF	11/06/24 10:03
TCLP	Leach	1311			731010	SMP	EET BUF	11/04/24 07:13 - 11/05/24 07:56 [1]
TCLP	Prep	7470A			731192	ESB	EET BUF	11/05/24 10:35
TCLP	Analysis	7470A		1	731278	ESB	EET BUF	11/05/24 15:48

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-225003-1
Project/Site: 837 Bailey Avenue

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury

Method Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-225003-1
Project/Site: 837 Bailey Avenue

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010C	Metals (ICP)	SW846	EET BUF
7470A	TCLP Mercury	SW846	EET BUF
1311	TCLP Extraction	SW846	EET BUF
3010A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
7470A	Preparation, Mercury	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-225003-1
Project/Site: 837 Bailey Avenue

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-225003-1	D-1	Solid	10/31/24 09:00	10/31/24 09:27

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Mr. Paul Staub	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No:
Client Contact: Alexis Palumbo-Compton	Phone: 585-944-6793	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: 1 of 1
Company: Brydges Engineering in Evironment & Energy DPC	PWSID:			Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			
City: Buffalo	TAT Requested (days): 10 - Standard			
State, Zip: NY, 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-362-6533(Tel)	PO #:			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 837 Bailey Ave	Project #: 48026671			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TCLP Metals	TCLP VOCs	TCLP SVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
D-1	10/31/24	9:00	C	S			X	X	X		

480-225003 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Paul Staub	10/31/24 9:27	BE3	[illegible]	10-31-24 927	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		10.6 IR#5C Ice

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-225003-1

Login Number: 225003
List Number: 1
Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	10.6 IR#SC ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Brydges Engineering
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Disposal Manifests

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

3819798

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
937 Bailey Ave LLC 937 Bailey Avenue f. Phone: Buffalo, NY 14206	937 Bailey Ave LLC 124 Meadow Road g. Phone: Orchard Park, NY 14127
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
a. 421024103819	12/8/2027	Non Hazardous Soil	1	T	12yds	
b.						
c.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Scott Smith	Scott Smith	12/19/24

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Patriot EX

b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
David Ellison	David Ellison	12/19/24

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Allied Waste Niagara Falls Landfill LLC 5600 Niagara Falls Blvd, Niagara Falls NY b.		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
S Hachmeister	S Hachmeister	12-18-24

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

3819796

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
937 Bailey Ave LLC 937 Bailey Avenue f. Phone: Buffalo, NY 14206	937 Bailey Ave LLC 124 Meadow Road g. Phone: Orchard Park, NY 14127
If owner of the generating facility differs from the generator, provide:	
h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 4215241051N	12/2/2027	Non Hazardous Soil	1	T	12yds	
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Joseph Gambino	[signature]	12/18/24

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Priority 1

b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
[illegible]	[signature]	12/18/24

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Allied Waste Niagara Falls Landfill LLC 5600 Niagara Falls Blvd, Niagara Falls NY b.		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
	[signature]	12/18/24

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

3819797

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
837 Bailey Ave LLC 837 Bailey Avenue f. Phone: Buffalo, NY 14206	837 Bailey Ave LLC 121 Meadow Road g. Phone: Orchard Park, NY 14127
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
a. 421324105519	12/9/2027	Non Hazardous Soil	1	T	12yds	
b.						
c.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
[illegible]	[illegible]	12/16/24

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Peters Trucking

b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
James Peters	James Peters	12/16/24

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Allied Waste Niagara Falls Landfill LLC 3600 Niagara Falls Blvd, Niagara Falls NY b.		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
Raglow Sky	[illegible]	12/16/24

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

APPENDIX C

SITE WIDE INSPECTION FORMS AND SITE PHOTOS

BE3 Corp.
960 Busti Ave. Suite B-150
Buffalo, New York

SITE WIDE INSPECTION FORM

Date: 5/2/2025

Site Name: 837 Bailey Avenue (BCP Site No.C915298)

Location: 837 Bailey Avenue, Buffalo, NY 14206

General Site Conditions:
The Site cover system remains in good condition. Continued vegetative growth is apparent in areas previously filled with crusher run stone. The new electric poles are in good condition and the no longer functioning poles have been cut above grade. Areas disturbed during this reporting period have been reseeded and the seed appears to have successfully germinated. The Site remains vacant/undeveloped and otherwise unchanged since the previous reporting period.

Weather Conditions: 64°F, partly cloudy, 7 mph W

Compliance/Evaluation ICs and ECs:
The Site remains in compliance with all ICs and ECs. The only EC is the cover system. There are no substantial ruts, bare spots, or erosion rills in greenspace areas. No excavation into the cover system has occurred besides the previously approved work associated with the electric pole work. Property uses are consistent with that allowable under the SMP. The previously identified vegetative staining and sheen in the eastern drainage ditch was observed.

Site Management Activities (Sampling, H & S Inspection, etc.):
All areas of the cover system (i.e., greenspace and approved crusher run stone) are in good condition. Contaminated soils removed during replacement and installation of utility poles was sampled and properly disposed of off-site. All intrusive work was monitored by BE3 and air monitoring as specified in the SMP was conducted and no exceedances were noted.

Compliance with Permits and O&M Plan:
The site remedy does not rely on any mechanical systems to protect public health and the environment. Therefore, the operation and maintenance of such components is not included in the SMP. No permits were required during the reporting period.

Records Compliance:
All records associated with utility pole work were properly maintained including Daily Field Reports (DFRs), disposal sampling, import requests and disposal manifests.

General Comments:
The Site is in compliance with all ICs and ECs. No corrective measures are warranted.

Inspector: APC

1. SW site entrance along Bailey Avenue, facing E.

2. SW corner of site, facing N (including view of newly installed electric pole).

3. NW corner of site, facing E.

4. NW corner of site, facing S.

5. W point of gravel loop, facing E.

6. Center of site, facing W.

7. Center of site, facing S.

8. Center of site, facing E.

9. Center of site, facing N.

10. Central stone fill from previous reporting period demonstrating vegetative growth.

11. SE corner of site, facing N toward E drainage ditch.

12. Stained vegetation and ponded water in W drainage ditch, similar in appearance to previous reporting periods.

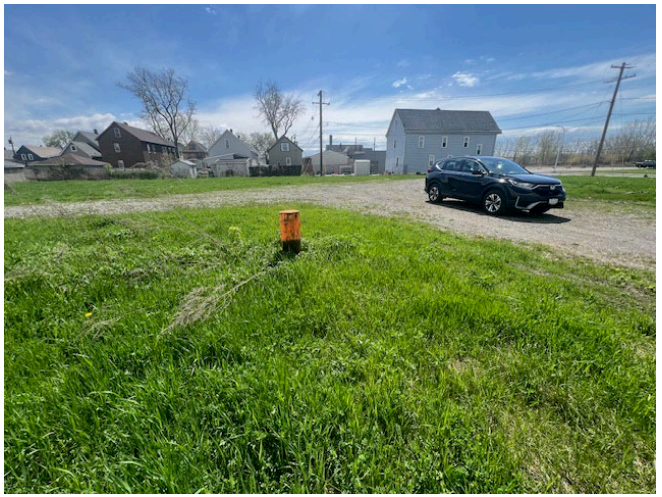
13. NE corner of site, facing S toward E drainage ditch.

14. NE corner of site, facing W.

15. Central S portion of site, facing SW.

16. New electric pole in NW corner of site, facing W.

17. New electric pole near NW site border (E of electric pole identified in picture 16) and two cut poles, facing NNE.



18. Cut pole near central W portion of site, facing S.