

2022 Periodic Review Report

(Reporting Period: April 28, 2021 to April 28, 2022)

Location:

Tecumseh Phase I Business Park – Sites I-1, I-3, I-5, I-7, I-9, I-10, & I-11 2303 Hamburg Turnpike, Lackawanna, New York NYSDEC Site Nos. C915197, C915197C, C915197E, C915197G, C915197I, C915197J and C915197K

Prepared for:

Buffalo & Erie County Industrial Land Development Corporation 95 Perry Street, Suite 403 Buffalo, New York

LaBella Project No. 2210164.05

May 2022 (revised July 2022)

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1.0 EXECUTIVE SUMMARY

This Periodic Review Report (PRR) is a required element of the approved Site Management Plan (SMP) for the Tecumseh Phase I Business Park Sites. This New York State Brownfield Cleanup Program (BCP) site was remediated in accordance with Brownfield Cleanup Agreement (BCA) Index No. B9-0696-05-06(A), which was executed on December 12, 2005 and amended on August 22, 2012 and December 12, 2017. The BCAs for Sites I-9 and I-10 include amendments on August 22, 2012, November 10, 2017, and December 20, 2017. The BCA for Site I-11 includes amendments on August 22, 2012, November 10, 2017, and December 13, 2017. At the request of the New York State Department of Environmental Conservation (NYSDEC) the PRRs for Tecumseh Phase I Business Park Sites I-1, I-3, I-5, I-7, I-9, I-10, and I-11 (BCP Site Nos. C915197, C915197C, C915197E, C915197G, C915197I, C915197J, and C915197K) have been combined and are summarized within this report.

1.1 Site Summary

The seven individual parcels included in this PRR (hereafter referred to as the "Sites") encompass approximately 64.86 acres of a former industrial site in the City of Lackawanna, Erie County New York that was historically occupied by an integrated steel mill operated by the Bethlehem Steel Corporation (BSC). The Sites include a portion of the former BSC property acquired by the Buffalo and Erie County Industrial Land Development Corporation (ILDC) for redevelopment and use as a business park. Historically, the Sites were part of a large industrial complex that contained numerous buildings and facilities, none of which currently remain on the Sites. The BSC property was the subject of assessments and investigations under the Resource Conservation and Recovery Act (RCRA) and the area containing the Sites received a "No Further Assessment" designation from the U.S. Environmental Protection Agency (USEPA) in the early 1990s and was excluded from the RCRA Order by USEPA in 2001. In 2005, Tecumseh Redevelopment Inc. (Tecumseh) entered an approximate 102-acre portion of the BSC property containing the Sites and referred to as the Phase I Business Park in the BCP. The table below summarizes the IDs, BCP numbers, and associated acreages of each of the Sites included in this PRR.

ID	BCP No.	Acreage
I-1	C915197	5.57
I-3	C915197C	7.63
I-5	C915197E	10.05
I-7	C915197G	10.03
I-9	C915197I	10.01
I-10	C915197J	9.98
I-11	C915197K	11.59

The Remedial Investigation (RI) conducted on the Phase I Business Park property between 2006 and 2008 revealed that contamination associated with historical steel mill operations had impacted the soil/fill on the property, necessitating remedial action. The RI did not identify groundwater impacts on the Phase I Business Park property. Remedial actions were undertaken in 2009 for Business Park I in accordance with a NYSDEC-approved Interim Remedial Measures (IRM) Work Plan. Following completion of the remedial work, some contamination was left in the soil/fill of the Sites, which is hereafter referred to as the "remaining contamination". The remaining contamination was generally characterized by widespread exceedances of the 6 New York Codes, Rules and Regulation

(NYCRR) Part 375 Soil Cleanup Objectives (SCOs) for un-restricted use for certain metals and polycyclic aromatic hydrocarbons (PAHs) to the approximate native soil depth of 8 feet below the ground surface. The remedial efforts also included development of a SMP to manage the remaining contamination at the Sites in perpetuity or until extinguishment of the Environmental Easement that was placed on the Sites in accordance with Environmental Conservation Law (ECL) Article 71, Title 36. The placement of a cover system comprised of 12 inches of clean soil, stone or NYSDEC-approved material, with a demarcation layer in all areas that are not paved or covered by concrete or structures was prescribed for the Sites prior to occupancy.

With NYSDEC's approval, Tecumseh subsequently subdivided Business Park I into 11 individual BCP sites (Sites I-1, I-2, I-3, I-4, I-5, I-6, I-7, I-8, I-9, I-10, and I-11) in 2012. The original BCA was amended to cover Site I-1, with separate BCAs executed for the remaining 10 BCP sites (i.e., Sites I-2 through I-11). In 2017, the cover system was placed on Sites I-1, I-3, I-5, I-7, I-9, I-10, and I-11, the Sites were acquired by the ILDC and a BCP Certificate of Completion (COC) was issued, signifying satisfactory completion of the remedial program and acceptance of the Final Engineering Report (FER) for the Sites.

1.2 Effectiveness of Remedial Program

Based on a recent inspection of the Sites, the engineering and institutional controls are in place, are performing properly, and remain effective and protective of public health and the environment.

1.3 Non-Compliance

No areas of non-compliance regarding the major elements of the SMP were identified during the preparation of this PRR.

1.4 Recommendations

Overall, the remedial program is viewed to be effective in achieving the remedial objectives for the Sites. No changes to the SMP or the frequency of PRR submissions are recommended at this time.

2.0 SITE OVERVIEW

2.1 Site Description

The Sites are part of a larger property owned by the ILDC and located at 2303 Hamburg Turnpike in the City of Lackawanna, New York. Figure 1 shows the approximate location of the ILDC property, Figure 2 depicts the configuration of the Phase I Business Park and all 11 individual BCP sites, and Figure 3 illustrates the configuration of the seven Sites included in this PRR totaling approximately 64.86 acres. The Sites are bounded to the north and west by the Gateway Trade Center property; to the east by undeveloped land that constitutes BCP Site I-2, I-4, I-6, and I-8, and Fuhrmann Boulevard; and to the south by undeveloped land comprising portions of the Phase II Business Park. Active industrial property is located west of the Site beyond the adjoining parcels, while commercial and residential properties are located east of the Site, beyond Fuhrmann Boulevard and the Hamburg Turnpike (NY Route 5). Lake Erie is situated approximately 4,054 feet to the west of the Sites, while Smoke Creek is located approximately 2,000 feet south of the Sites.

Contaminant source areas in soil/fill on the Sites were remediated and the remaining soil/fill on the Sites was characterized as generally impacted by the historical industrial usage of the BSC property.

These impacts were characterized as widespread exceedances of the 6 NYCRR Part 375 SCOs for un-restricted use for certain metals and PAHs to the approximate native soil depth of 8 feet below the ground surface. The impacted soil/fill constitutes the remaining contamination on the Sites. No groundwater contamination necessitating remediation was identified on the Sites.

2.2 Summary of Remedial Actions

In accordance with a NYSDEC-approved IRM Work Plan, an IRM was completed at Site I-3, I-5, I-7, I-9, I-10, and I-11 in 2009 to address "source area" soil/fill. The IRM activities conducted at each of the Sites are summarized below.

- Site I-3: Excavation of approximately 968 cubic yards of petroleum-impacted soil/fill from two areas of the Site and treatment in a temporary bio-treatment area constructed on the northern portion of Business Park I. The resulting excavations were backfilled with steel slag authorized by NYSDEC under Beneficial Use Determination (BUD) #555-9-15, bio-remediated fill and non-impacted crushed asphalt.
- Site I-5: Excavation of approximately 250 cubic yards of petroleum-impacted soil/fill from one area of the Site and treatment in a temporary bio-treatment area constructed on the northern portion of Business Park I.
- Site I-7: Excavation of approximately 250 cubic yards of petroleum-impacted soil/fill from one area of the Site and treatment in a temporary bio-treatment area constructed on the northern portion of Business Park I.
- Site I-9: Excavation and proper off-site disposal of approximately 46 tons of lead-impacted soil/fill from one area of the Site.
- Site I-10: Approximately 15 cubic yards of coal tar-impacted fill was excavated from the Site and properly disposed off-site.
- Site I-11: Removal of two Underground Storage Tanks (USTs) from the Site;
- Excavation of approximately 10,200 cubic yards of petroleum-impacted soil/fill from Sites I-9, I-10, and I-11 and treatment in a temporary bio-treatment area constructed on the northern portion of Business Park I.

Excavations were backfilled with steel slag authorized by NYSDEC under Beneficial Use Determination (BUD) #555-9-15, bio-remediated fill, and non-impacted crushed asphalt.

The final remedy implemented at the Sites in 2017 involved the installation of a cover system in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP). The cover system installed at the Sites consists of a minimum of 12 inches of steel slag, authorized by NYSDEC under Beneficial Use Determination (BUD) #555-9-15, placed over a demarcation layer on Sites I-1 and I-3, and a minimum of 12 inches of NYSDEC-approved soil, placed over a demarcation layer on Sites I-5, I-7, I-9, I-10 and I-11, in areas that are not otherwise covered by rail lines. The cover system installed in the area of the rail lines consists of a minimum of 12 inches of railroad ballast. The existing asphalt and sub-base material associated with the access road that extends along the boundary between Site I-1 and I-3 is also considered a component of the cover system for the Sites.

In addition to the cover system, an environmental easement was placed on the Sites, recorded with the Erie County Clerk and mandates compliance with the NYSDEC-approved SMP and all engineering and institutional controls placed on the Sites. The SMP specifies the procedures required to manage the remaining contamination on the Sites post remediation, including (1) implementation and management of all engineering and institutional controls; (2) media monitoring, if applicable; (3)

operation and maintenance of treatment, collection, containment or recover systems, if applicable; (4) performance of periodic inspections, certification of results and submittal of PRRs; and (5) defining criteria for termination of any remaining treatment system operations.

3.0 PERFORMANCE, EFFECTIVENESS & PROTECTIVENESS OF THE REMEDY

All remedial actions prescribed in the RAWP for the Sites were completed and the remedial goals were accomplished through the installation of the Site-wide cover systems to prevent exposure to remaining contamination in the subsurface.

As indicated below in Section 4.1.2, the cover systems were inspected on April 14, 2022. Based on the inspections, the cover systems are intact, functioning effectively throughout the Sites and are protective of public health and the environment.

4.0 INSTITUTIONAL/ENGINEERING CONTROL (IC/EC) PLAN COMPLIANCE REPORT

4.1 IC/EC Requirements and Compliance

4.1.1 IC Requirements-Site Restrictions

In accordance with the SMP, a series of Institutional Controls (ICs) have been established for the Sites. Adherence to these ICs is required by the Environmental Easements. The Environmental Easements are described on the Boundary Surveys of the Phase I Business Park Sites, included within Appendix 1. These ICs are:

- Compliance with the environmental easement and the SMP by the Owner and the Owner's successors and assigns;
- All Engineering Controls (ECs) must be installed, operated and maintained as specified in the SMP:
- All ECs on the Sites must be inspected at a frequency and in a manner defined in the SMP;
- Environmental or public health monitoring must be performed as defined in the SMP; and
- Data and information pertinent to site management of the Sites must be reported at the frequency and in a manner defined in the SMP.

Institutional Controls identified in the environmental easements may not be discontinued without an amendment to or extinguishment of the environmental easement.

The Sites have a series of ICs in the form of restrictions. Site restrictions that apply are as follows:

- The Sites may only be used for commercial or industrial purposes as defined by Part 375-1.8(g), and that conform to local zoning laws;
- The use of groundwater underlying the Sites is restricted as a source of potable or process water, without necessary water quality treatment, as determined by the New York State Department of Health or Erie County Health Department;
- Compliance with the SMP is required; and
- The owner of the Sites is required to provide an IC/EC certification, prepared and submitted by a professional engineer or environmental professional acceptable to the NYSEC annually or for a period to be approved by the NYSDEC, which will certify that the ICs and ECs put in

place are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP.

LaBella has concluded that the ICs are in force and are being adhered to with respect to the condition and use of the Sites and activities conducted thereon.

4.1.2 Engineering Control-Soil Cover System

Exposure to the remaining contamination in soil/fill at the Sites is prevented by the cover systems that were previously placed over the Sites. The cover systems for Sites I-1 and I-3 are comprised of a minimum of 12 inches of BUD #555-9-15 material overlaying a demarcation layer (orange plastic mesh material) over the entire surface of the Sites that is not covered by existing asphalt and subbase materials associated with the access road located along the boundary between Sites I-1 and I-3. Areas proximate the railroad track along the western margin of Site I-3 consist of a minimum of 12 inches of railroad ballast. The cover systems for Sites I-5, I-7, I-9, I-10, and I-11 are comprised of a minimum of 12 inches of NYSDEC-approved soil material overlaying a demarcation layer (orange plastic mesh material) in all areas of the Sites that are not covered by railroad ballast associated with the rail lines that extend along the western margin of the Sites. The Excavation Work Plan, which appears in Appendix B of the SMP, outlines the procedures that are required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining contamination is disturbed. The cover system is a permanent control and the quality and integrity of this system will be inspected at defined, regular intervals in perpetuity.

On April 14, 2022, Mr. Andrew Koons of LaBella conducted the annual Site inspections, which included traversing the Sites on foot to observe the current conditions. The Cover Inspection Forms are included herein as Appendix 2. Appendix 3 includes photographs taking during the Site inspection.

With the exception of the access road corridor that extends along the Site I-1 and I-3 boundary and the rail corridor located along the western margin of the Sites, the Sites are generally vacant and undeveloped, with slag or vegetated soil cover occurring at the ground surface. The cover systems at the time of the Site inspections were observed to be intact and functioning as intended. Furthermore, the asphalt road surface was observed to be in good condition. Potholes previously identified in the roadway were filled with asphalt millings on May 13, 2022 as approved by NYSDEC. The NYSDEC import approval letter is attached in Appendix 4.

During the cover system inspection, a pile of cover material was observed on the east portion of Site I-1. The cover material was removed to access a utility manhole. The cover material was only removed above the manhole and no Site soil/fill materials appear to have been disturbed or exposed. The cover system proximate the manhole appears intact and continues to prevent exposure to underlying soil/fill. Localized areas of sparse vegetation were observed at the Sites with vegetated soil cover systems. The areas of sparse vegetation do not appear to be affecting the integrity of the cover system at this time and the system continues to prevent exposure to underlying soil/fill.

Between June 22 and 29, 2021 CME Associates, Inc. (CME) under the direction of C&S Engineers, Inc. (C&S) conducted a geotechnical investigation along the south boundary of Site I-1. The

geotechnical investigation included the advancement of four test borings, utilizing a rotary drill rig equipped with hollow stem auger, along the property boundary between Sites I-1 and Sites II-12. The locations of the test borings are depicted in the Subsurface Exploration Data Report dated July 19, 2021 prepared by CME, included in Attachment 5. According to C&S, who conducted the oversight of the test boring activities, the boring activities were conducted in accordance with the EWP for the Site and the Excavation Work Plan Notification prepared by C&S dated June 17, 2021. The cover material was removed and stockpiled prior to the advancement of the test borings and replaced subsequent the completion of each test boring. Site materials beneath the cover were stockpiled and placed back within the boring hole from which they originated beneath the site cover system at the completion of each test boring. No site soils were disposed off-site. C&S conducted community air monitoring during the drilling activities. No community air monitoring issues were reported associated with the drilling activities. C&S daily work reports are included in Appendix 5.

4.2 IC/EC Certification

The IC/EC Certification Forms for the Sites were completed in their entirety as all ICs/ECs are in place for the Sites per the SMP. Appendix 6 includes the signed NYSDEC Site Management Periodic Review Report Notice-Institutional and Engineering Controls Certification Forms.

5.0 MONITORING PLAN COMPLIANCE REPORT

5.1 Requirements

The Monitoring Plan is included in Section 3.0 of the SMP and describes the measures for evaluating the performance and effectiveness of: the remedy to reduce or mitigate contamination at the Sites, the soil cover systems, and all affected Site media.

The Monitoring Plan describes the methods to be used for:

- Monitoring the cover system;
- Assessing achievement of the remedial performance criteria;
- Evaluating Site information periodically to confirm that the remedy continues to be effective
 in protecting public health and the environment; and,
- Preparing the necessary reports for the various monitoring activities.

To adequately address these issues, the Monitoring Plan provides information on:

Annual inspection and periodic certification.

5.2 Comparisons with Remedial Objectives

Cover system monitoring was performed in accordance with the SMP, and included the annual visual inspection of the cover system components. As described in Section 4.1.2, the cover system was observed to be intact and functioning as intended, and is continuing to satisfy the remedial objectives for the Sites.

5.3 Monitoring Deficiencies

No monitoring deficiencies were noted or experienced during the inspection of the cover system or completion of the PRR.

5.4 Monitoring Conclusions and Recommendations

The procedures utilized to evaluate the performance and effectiveness of the cover system were conducted in accordance with the SMP and verified that the cover system is functioning as intended. No changes to the monitoring plan are recommended.

6.0 OPERATION AND MAINTENANCE PLAN

The remedy for the Sites does not rely on mechanical systems to protect public health and the environment. Therefore, no operation and maintenance requirements apply to the Sites.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Annual inspection of the Sites was performed on April 14, 2022 by LaBella Associates, DPC as prescribed in the SMP. As a result of this inspection, LaBella has determined that the Sites are in compliance with all elements of the SMP, including the Engineering & Institutional Control Plan, the Site Monitoring Plan and the Operations & Maintenance Plan. No deficiencies or failures to satisfy the requirements of the SMP were identified.

As reflected by the signed Institutional and Engineering Controls Certification Forms (Appendix 4), LaBella has concluded that:

- The required EC/ICs are in place, are performing properly, and remain effective;
- The Site Monitoring Plan is being implemented;
- Operation and Maintenance activities are being conducted properly; and
- The remedy continues to be protective of public health and the environment and is performing as specified in the RAWP and FER.

No changes to the inspection, reporting or certification frequency prescribed in the SMP are recommended.

8.0 LIMITATIONS

The conclusions presented in this report are based on information gathered in accordance with generally acceptable professional consulting principles and practices. All conclusions reflect observable conditions existing at the time of the Site inspection. Information provided by outside sources (individuals, agencies, laboratories, etc.) as cited herein, was used in the assessment of the Site. The accuracy of the conclusions drawn from this assessment is, therefore, dependent upon the accuracy of information provided by these sources. Furthermore, LaBella is not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to the performance of services.

This report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based upon the facts currently available with the limits of the existing data, scope of services, budget and schedule. To the extent that more definitive conclusions are desired by the Client than are

warranted by the current available facts, it is specifically Labella's' intent that the conclusions and recommendations stated herein will be intended as guidance and not necessarily a firm course of action except where explicitly stated as such. LaBella makes no warranties, expressed or implied including without limitation, warranties as to merchantability or fitness of a particular purpose. Furthermore, the information provided in this report is not be construed as legal advice.

This inspection and report have been completed and prepared on behalf of and for the exclusive use of the Buffalo and Erie County Industrial Land Development Corporation. Any reliance on this report by a third party is at such party's sole risk.

9.0 REFERENCES

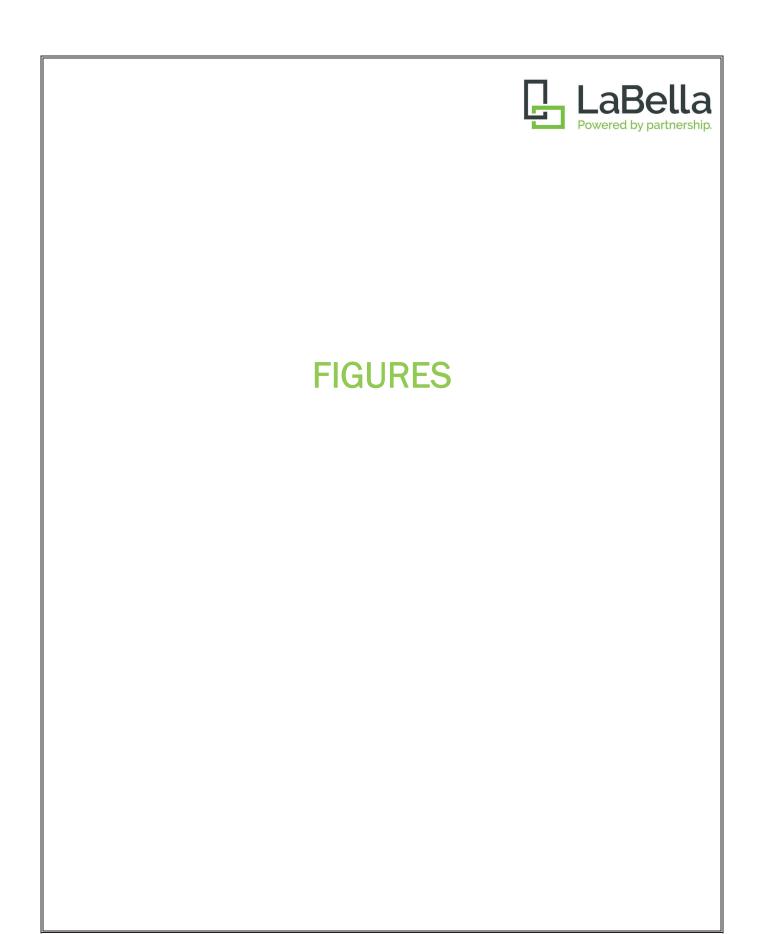
DER-10/Technical Guidance for Site Investigation and Remediation, NYSDEC, May 3, 2010

Site Management Plan for BCP Tecumseh Phase I Business Park, NYSDEC Site No. C915197 through C915197K, Turnkey Environmental Restoration, LLC, January 2014

Appendix E - Site Management Plan for Tecumseh Phase I Business Park, NYSDEC Site No. C915197 through C915197K, Turnkey Environmental Restoration, LLC, November 2017

Remedial Action Work Plan – Tecumseh Business Parks I and II, Turnkey Environmental Restoration, LLC in associations with Benchmark Environmental Engineering & Science, PLLC, June 2017

I:\ERIE COUNTY IND. DEV. AGENCY\2210165.05 - FORMER BETHLEHAM 8 BCP SITES\11_REPORTS\PHASE 1 BUS PARK\2022 PRR_SITE I-1,I-3,I-5,I-7,I-9,I-10,I-11 (C915197-K)_7.8.2022.DOCX



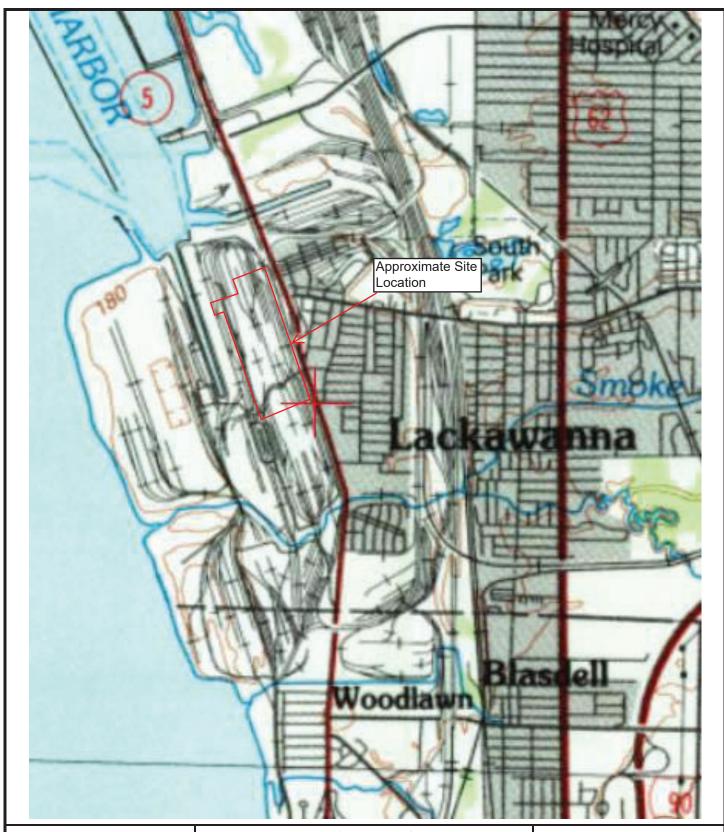


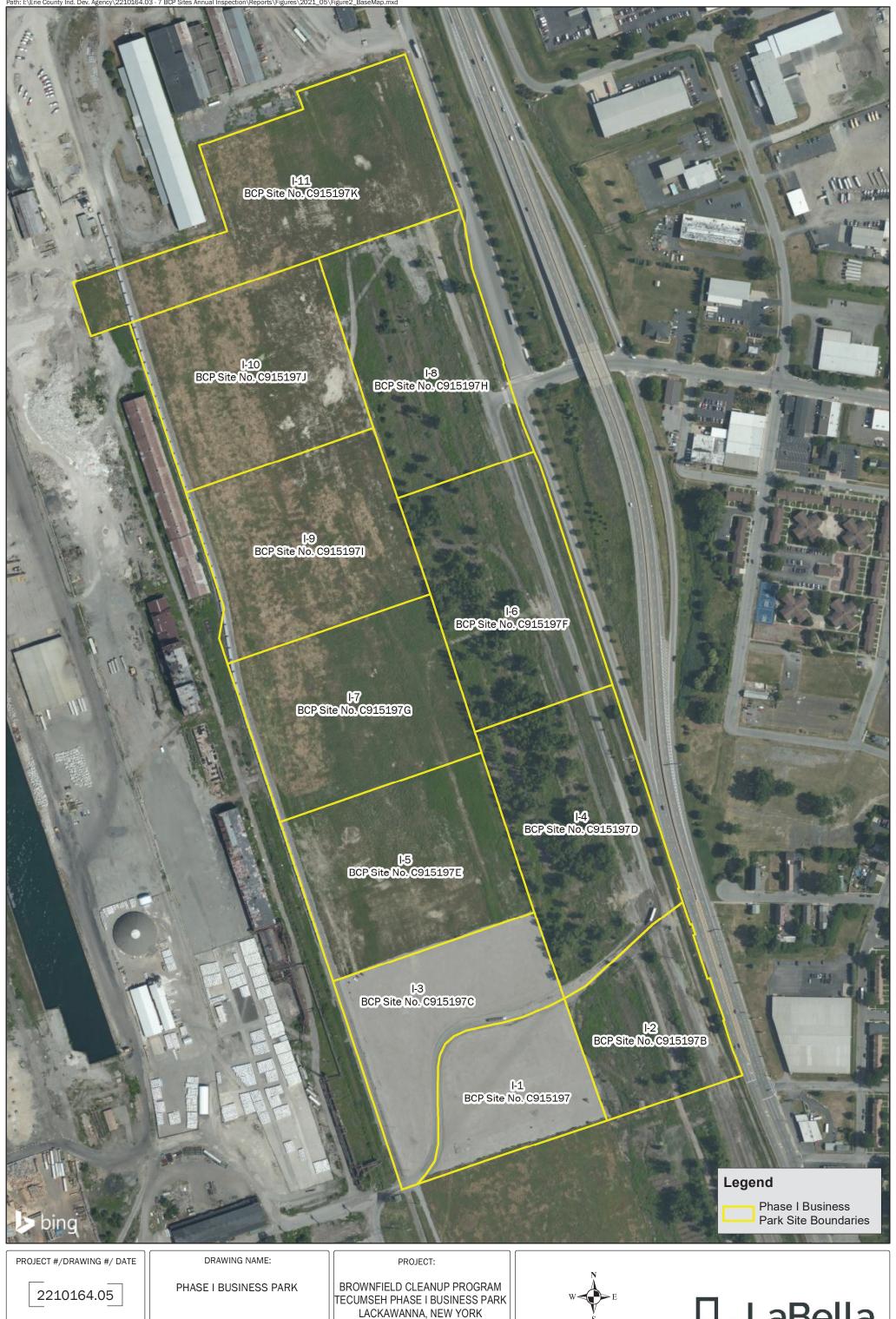


FIGURE 1 SITE LOCATION MAP

Brownfield Cleanup Program Tecumseh Phase I Business Park Lackawanna, New York



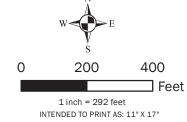
PROJECT NO. 2210164.05



4/14/2022

Basemap Source: Bing Maps 2020.

FIGURE 2





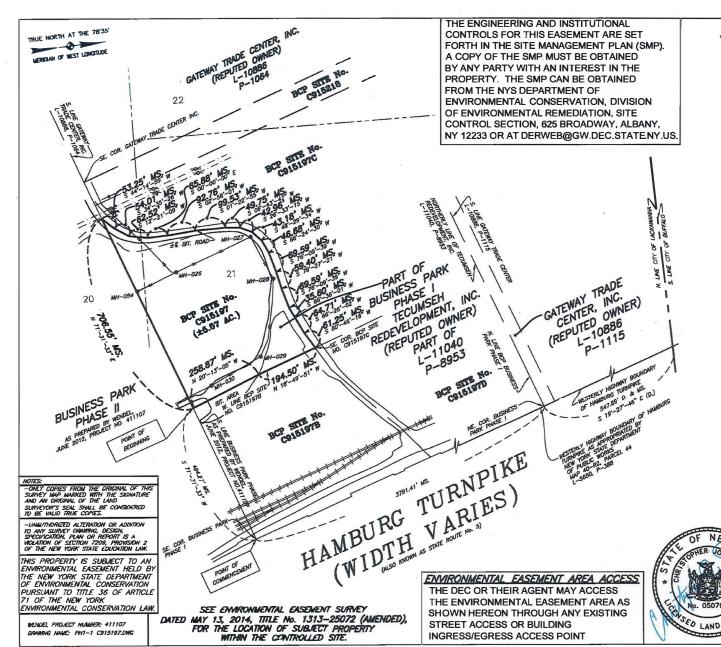


Basemap Source: Bing Maps 2020.



APPENDIX 1

Boundary Surveys



ENVIRONMENTAL EASEMENT DESCRIPTION FOR BCP SITE No. C915197

ALL THAT TRACT OF PARCE OF LAND, STEMTE IN THE CUTY OF LOCALIMANIA, COUNTY OF CREE STATE OF NEW YORK, BEING PART OF LOTS 20 & 21 OF THE OCCUPY ONCE TRACT, SEWIS EAST STEMBER, CS15197, AS STOM ON A MAP OF "LAND TO BE CONNETTED TO BUTTALD AND EREC COUNTY INDUSTRAL LAND OVER LOWEST CONFORMANT, PROPRED BY MODEL, MAY 2017, PROJECT MANBER 411110 (BEING PART OF MEMBEL'S PROJECT MANBER 411110), BEING PART OF MEMBEL'S PROJECT MANBER 4111107, BEING PART OF MEMBEL'S PROJECT MANBER AT 111107, BEING PART OF MEMBEL'S PART OF MEMBEL'S PART OF MEMBEL PART OF MEMBEL'S PART OF MEMBEL PART OF MEMBEL'S PART OF MEMBEL'S PART OF MEMBEL PART OF MEMBEL'S PA

COMMENCING AT A POINT IN THE WESTERLY HIGHWAY BOUNDARY OF THE COMMONOMIC AT A ROUT IN THE WESTERLY HISTORINY BOUNDARY OF THE HAMBURG TURNOWNE (ALSO KNOWN AS STATE ROUTE NO. 5), AS APPROPRIATED BY NEW YORK STATE DEPRETATION OF PUBLIC WORKS MAP 40-R2, PIRCOL 44, RECORDED IN THE BEDE COUNTY CLERK'S OFFICE IN LIBER 5850 OF DEDIS AT PAGE 3881, BEING 5791.41 FEET SOUTH OF THE DUSCON LIBE BETWEEN LANDS CONNETED TO TECLARSON FREEVESTORING TIME RECORDED IN THE ERE COUNTY CLERK'S OFFICE IN LIBER 11040 OF DEDIS AT PAGE 3831 ON THE SOUTH AND LIMES CONNETED TO CRETIMENT TO CONTENT. CENTER, INC. RETORDED IN THE ERIE COUNTY CLERK'S OFFICE IN LIBER 10886 OF DEED'S AT PAGE 1115 ON THE MORTH, INFOSURED ALONG SAID WESTERLY HIGHMAY BOUNDARY OF THE HAMBURG TURNHIKE;

THENCE ALONG THE SOUTH LINE OF SAID BUSINESS PARK PHASE I, S 71'-31'-33" W. A DISTANCE OF 494,27 FEET TO THE POWN OF BECOMMING

THENCE ALONG THE WESTERLY LINE OF BCP SITE NO. C9151978. N 20"-13"-05" W, A DISTANCE OF 258.87 FEET TO A POINT,

THENCE CONTINUING ALONG THE WESTERLY LINE OF BCP SITE NO. C915197B, THEMES CONTINUOUS ACTION THE WESTERS THE OF SOFT SIE NO. LISTSTYPE N 18-49-57 E. A DISTANCE OF 194.50 FEET TO A POINT IN THE APPROXIMATE CONTRELINE OF A CENTUM BUCKTOP ROAD, SAID POINT ALSO BEING THE SUITHEST CONNER OF BOP STE NO. CEISITY.

THENCE ALONG THE SOUTHERLY LINE OF BCP SITE NUMBER C915197C AND THE APPROXIMATE CONTERLINE OF SAID ROAD THE FOLLOWING 17 COUNSES

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1.	s	8	o-	-46	5'–	16"	W,	A	OSI	PANCE	OF	61.25	FEET	ω	A	POINT,	;
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3.												35.60					
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5.	s	7	g	-27	7'-,	21"	W.	A	DIST	ANCE	OF	59.40	FEET	70	A	POINT,	
6.	s	7	~-	-05) —	39°	W,	A	DIST	ANCE	OF	69.50	FEET	m	A	POINT,	
7.												46.68					
8.												43.18					
9.												42.96					
10.												49.75					
11.												99.53					
12.												82.76					
13.												65.88					
14.												62.52					
15.												54.01					
16.	s	4	4	- 14	'-;	59*	W,	A	DIST.	ANCE	OF	53.25	FEET	70	A	POINT;	

THENCE ALONG THE SOUTHERLY LINE OF SAID BURINESS PARK PHASE I, S 71'-31'-33' W. A DISTANCE OF 706.95 FEET TO THE POINT OF BEGINNING; CONTINUING 5.57 ACRES OF LAND, WORE OR LESS.

REVISED 11/13/2017; UPDATED MAP

ALTERATION OF THIS DOCUMENT, EXCEPT BY A LICENSED LAND SURVEYOR, IS ILLEGAL NEW YORK STATE DEPARTMENT OF ENARGHMENTAL CONSERVATION

PREPARED BY THE CONSULTANT



Centerpoints Corporate Park * 375 Essjay Road, Suite 200 Williamsville, New York 14221 PHONE: 716.686.0786 FAX: 716.625.8825 WEBSITE: www.wandelcompanies.com
Wendel WD Architecture, Engineering, Surveying and
Landscape Architecture P.C.

BCA BOUNDARES & PLANNED SUP-INCELS GROWNEELD CLEAN-UP PROGRAM
IN BUSINESS PARK PLASE |
THE NEW YORK STATE DEPARTMENT OF EMPROPAGEMENT CONSERVATION
STUDIE IN PART OF LOT 20 & 21 OF THE ORDER GOVER TRACT, TOWNSHIP 10, RANCE B OF THE HOLLAND LAND COMPAN'S SURVEY CITY OF LACKNIMANIA, COUNTY OF ERIE, STATE OF NEW YORK T.M. #: PART OF 141.11-1-1.111

100' 50' 0'

1 INCH = 200 FEET

I HEREDY CERTIFY THAT THIS IS AN ACCUMITE SURVEY MAP PREPARED UNDER MY OPECTROM, FROM AN ACTUMIL SURVEY, PERFORMED IN ACCURANCE TO THE STANDARDS AND PROCEDURES ADOPTED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, SEPTEMBER 1989.

FIELD SURVEY COMPLETED JUNE 2012 DATE

CHRISTOPHER J. SCOTT, LAND SURVEYOR #050708

SHFFT 1 of 11

CHECKED BY: CJS

MAP NUMBER BCP SITE No. C915197



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Form

12/19/2017

SITE DESCRIPTION



SITE NO.

C915197

SITE NAME Site I-1 Tecumseh Phase I Business Park

SITE ADDRESS: 2303 Hamburg Turnpike

ZIP CODE: 14218

CITY/TOWN:

Lackawanna

COUNTY: Erie

ALLOWABLE USE: Commercial and Industrial

SITE MANAGEMENT DESCRIPTION

SITE MANAGEMENT PLAN INCLUDES:

YES NO

IC/EC Certification Plan Monitoring Plan

Operation and Maintenance (O&M) Plan

Periodic Review Frequency: once a year

Periodic Review Report Submitted Date: 04/29/2019

Description of Institutional Control

Buffalo & Erie Co. ILDC

95 Perry Street, Suite 403 2303 Hamburg Turnpike **Environmental Easement** Block: 1 Lot: 48 Sublot: 1

Section: 141 Subsection: 11

S_B_L Image: 141.11-1-48.1 Ground Water Use Restriction

IC/EC Plan

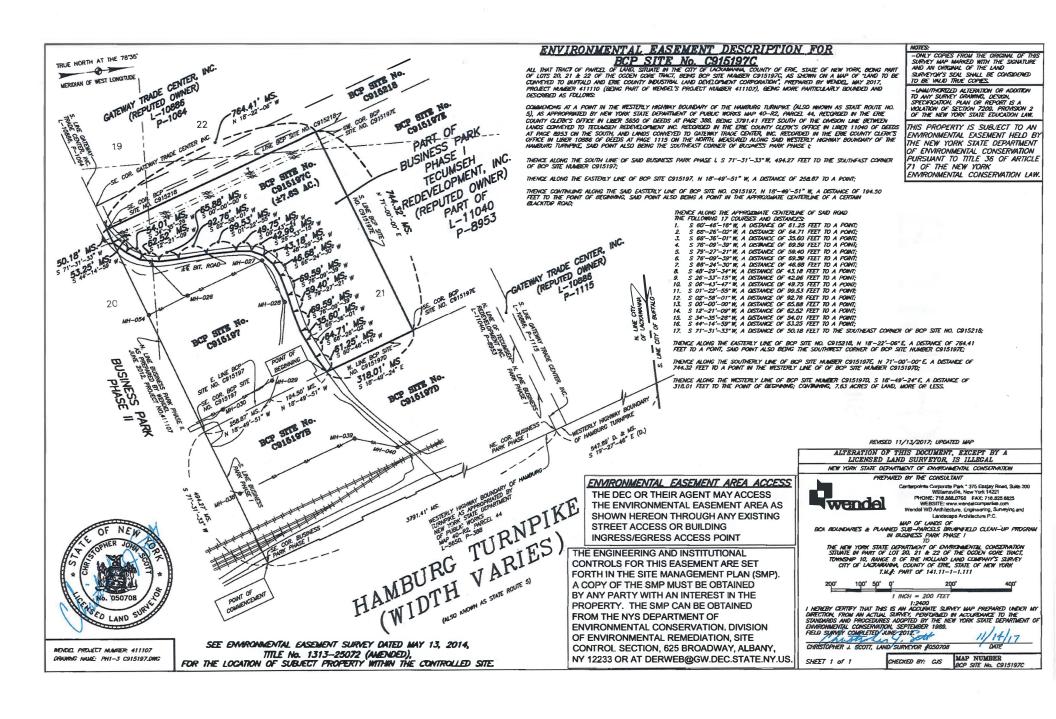
Landuse Restriction

Monitoring Plan

Site Management Plan Soil Management Plan

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Buffalo & Erie Co. ILDC

95 Perry Street, Suite 403
2303 Hamburg Turnpike
Environmental Easement
Block: 1
Lot: 48
Sublot: 1
Section: 141
Subsection: 11
S_B_L Image: 141.11-1-48.1
Cover System
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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Form

12/14/2017

SITE DESCRIPTION

SITE NO. C915197C

SITE NAME Site I-3 Tecumseh Phase I Business Park

SITE ADDRESS: 2303 Hamburg Turnpike ZIP CODE: 14218

CITY/TOWN: Lackawanna

COUNTY: Erie

ALLOWABLE USE: Commercial and Industrial

SITE MANAGEMENT DESCRIPTION

SITE MANAGEMENT PLAN INCLUDES: YES NO

IC/EC Certification Plan

Monitoring Plan

Operation and Maintenance (O&M) Plan

Periodic Review Frequency: once a year

Periodic Review Report Submitted Date: 04/29/2019

Description of Institutional Control

Buffalo & Erie Co. ILDC

95 Perry Street, Suite 403
2303 Hamburg Turnpike
Environmental Easement
Block: 1
Lot: 48
Sublot: 1
Section: 141

Subsection: 11 S_B_L Image: 141.11-1-48.1 Ground Water Use Restriction

IC/EC Plan

Landuse Restriction

Monitoring Plan

Site Management Plan
Soil Management Plan

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Buffalo & Erie Co. ILDC

95 Perry Street, Suite 403
2303 Hamburg Turnpike
Environmental Easement
Block: 1
Lot: 48
Sublot: 1
Section: 141
Subsection: 11
S_B_L Image: 141.11-1-48.1
Cover System
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MOTES FROM THE ORIGINAL OF THIS SURVEY MAP MARKED WITH THE SIGNATURE AND AN ORIGINAL OF THE LAND SURVEYOR'S SEAL SHALL BE CONSIDERED TO BE WALLO TRUE COPIES

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THE DEC OR THEIR AGENT MAY ACCESS THE ENVIRONMENTAL EASEMENT AREA AS SHOWN HEREON THROUGH ANY EXISTING STREET ACCESS OR BUILDING INGRESS/EGRESS ACCESS POINT

THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT DERWEB@GW.DEC.STATE.NY.US.

TRUE NORTH AT THE 78'35' -MERIDIAN OF WEST LONGITUDE W. TRADE INC. (REPUTED OWNER) OCP SITE No. C915218 PARK 23 BUSINESS HAMBURG TURNPIKE

WIDTH VARIES)

(WIDTH NO. 9) PHASE ! REDEVEL OPMENT. (REPUTED OWNER) _11040

WENDEL PROJECT NUMBER: 411107 DRAWING NAME: PHI-5 C915197E.DWG SEE EMPRONMENTAL EASEMENT SURVEY DATED MAY 13, 2014, TITLE No. 1313-26072 (AMENOED), FOR THE LOCATION OF SUBJECT PROPERTY WITHIN THE CONTROLLED SITE.

ENVIRONMENTAL EASEMENT DESCRIPTION FOR BCP SITE No. C915197E

ALL THAT TRACT OR PARCEL OF LAND, SITUATE IN THE CITY OF LACKAMANIA, COUNTY OF ENEL STATE OF NEW YORK, BEING PART OF LOTS 21, 22, 23 & 24 OF THE GOODEN BORE TRACT, BEING BOP STEE MANAGER CRISTISTE, AS SHOWN ON A MAP OF "LAND TO BE COUNTY DEDUCTION."

LAND CREATEDWART CORPORATION," PREPARED BY MEDICAL, MAY 2017, PROJECT NO. 411110 (BEING PART OF WEDICAL'S PROJECT NO. 411107), BEING MORE PARTICULARLY BOUNDED.

COMMENCING AT THE INTERSECTION OF THE WESTBRLY HIGHWAY GOUNDARY OF THE HAMBURG TURNIPUSE (ALSO KNOWN AS STATE ROUTE NO. 5), AND THE SOUTHERLY LINE OF LANDS COMPETED TO GATEBURY TRUDE CENTER. INC. BY A DEED RECORDED IN THE STREE COUNTY CLERK'S OFFICE IN LIBBER 10886 OF DEEDS, AT PRICE 1115, SUID POINT BERING 547.89 FEET SOUTH OF THE MUNICIPALITY LINE BETWEEN THE CITY OF LACKAMAINM (ON THE SOUTH), AND THE CITY OF BUFFILLO (TO THE NORTH) AS MEASURED ALONG THE WESTERLY HIGHWAY BOUNDARY OF THE HAMBURG TURNIPIKE:

THENCE S 09'-14'-52" W A DISTANCE OF 2721.44 FEET TO THE POINT OF BEDINNING, SAID POINT ALSO BEING THE SOUTHWEST CORNER OF BCP SITE NO. C9151970.

THENCE ALONG THE SOUTH LINE OF BCP SITE NUMBER C915197G, N 71-00'-00'E, A DISTANCE OF 745.50 FEET TO A POINT ON THE WESTERLY LINE OF BCP SITE NUMBER C9151976.

THENCE ALONG THE WESTERLY LINE OF BCP SITE NUMBER C915197D, S 18-15-13'E, A DISTANCE OF 587.77 FEET TO THE NORTHEAST CORNER OF BCP SITE NUMBER C915197C;

THENCE ALONG THE NORTHERLY LINE OF BCP SITE NUMBER C915197C 5 71'-00'-00'-W, A DISTANCE OF 744-32 FEET TO A POINT ON THE WEST LINE OF SAID BUSINESS PARK PHASE ;

THENCE ALONG THE WESTERLY LINE OF SAID BUSINESS PARK PHASE I, IN 18-22-06* N. A DISTANCE OF 587.75 FEET TO THE POINT OF BEGINNING, CONTAINING 10.06 ACRES OF LAND, MORE OR LESS.

REVISED 11/2/2017; UPDATE MAP

ALTERATION OF THIS DOCUMENT, EXCEPT BY A LICENSED LAND SURVEYOR, IS ILLEGAL NEW YORK STATE DEPARTMENT OF ENMRONMENTAL CONSERVATION PREPARED BY THE CONSULTANT

wende

Contempolate Comparate Park * 375 Festiav Bood, Strin 200 Williamsville, New York 14221
PHONE: 716.688.0768 FAX: 716.625.8825 WEBSITE: www.wendelcompanies.com Wendel WD Architecture, Engineering, Surveying and

MAP OF LANDS OF BOUNDARIES & PLANNES OF LANDS OF HANDS OF LOWINGELD CLEAN—UP PROGRAM IN BUSINESS PAIN PASE !

IN BUSINESS PARK PHASE!

THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SITUATE IN PART OF LOTS 21, 22, 23 & 24 OF THE OCCION CORE TRUCT,

TOWNSHIP 10, ROWGE B OF THE HOLLAND LIAID COMPANT'S SURVEY.

CITY OF LACKAMANAN, COUNTY OF BRE. STATE OF NEW YORK

T.M.J. PART OF 141.11—1—1.111

100' 50' 0' 200

1 inch = 200 Feet 1:2400

1.2400
1.00 CERTIFY THAT THIS IS AN ACCUMATE SURVEY MAP PROPARED UNDER MY DIRECTION, FROM AN ACTUAL SURVEY, PERFORMED IN ACCORDANCE TO THE STANDARDS AND PROCEDURES SURVEY, PERFORMED IN ACCORDANCE TO THE STANDARDS AND PROCEDURES SURVEY FOR NEW YORK STATE DEPARTMENT OF PROPARED CONSTRUCTION, SEPTEMBER 1909.

PELD SURVEY, COUNTY TO JOINE SURVEY 1909.

CHRISTOPHER J. SCOTT, LAND SURVEYOR #060708

DATE

SHEET 1 of 1

CHECKED BY: CJS

MAP NUMBER BOP SITE No. C915197E

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Form

12/14/2017

SITE DESCRIPTION

SITE NO.

C915197E

SITE NAME Site I-5 Tecumseh Phase I Business Park

SITE ADDRESS: 2303 Hamburg Turnpike ZIP CODE: 14218

CITY/TOWN: Lackawanna

COUNTY: Erie

ALLOWABLE USE: Commercial and Industrial

SITE MANAGEMENT DESCRIPTION

SITE MANAGEMENT PLAN INCLUDES:

YES NO

IC/EC Certification Plan

Monitoring Plan

Operation and Maintenance (O&M) Plan

Periodic Review Frequency: once a year

Periodic Review Report Submitted Date: 04/29/2019

Description of Institutional Control

Buffalo & Erie Co. ILDC

95 Perry Street, Suite 403
2303 Hamburg Turnpike
Environmental Easement
Block: 1
Lot: 48
Sublot: 1

Section: 141
Subsection: 11

S_B_L Image: 141.11-1-48.1
Ground Water Use Restriction

Sidulia vvalei Ose Restilcti

IC/EC Plan

Landuse Restriction

Monitoring Plan

Site Management Plan

Soil Management Plan

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Buffalo & Erie Co. ILDC

95 Perry Street, Suite 403
2303 Hamburg Turnpike
Environmental Easement
Block: 1
Lot: 48
Sublot: 1
Section: 141
Subsection: 11
S_B_L Image: 141.11-1-48.1
Cover System
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THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW

ENVIRONMENTAL EASEMENT DESCRIPTION FOR BCP SITE No. C915197G

ALL THAT TRUCT OF PURCEL OF LIVED STEATE IN THE CITY OF HICKMENUM, COUNTY OF BEE, STATE, OF RIM YORK, BERNE BOY PURT OF LOTS 23 & 24 OF THE CADEN COME TRACT, BERNE BOY STE MANAGER COSTSISTER, SE SHOWN ON A HAP OF "LAND TO BE CONNETED TO BUFFALD AND BOE COUNTY BULSTRUL LIMIO DEVELOPMENT CORPORATION, PREPARED BY PURDICE, UNIV. 2017, DEVELOPMENT CONFIDENCE, PART OF MENDEL'S PROJECT NO. 411110 (BEING PART OF MENDEL'S PROJECT NO. 411107), BEING WORE PARTICULARLY BOUNDED AND DESCRIBED AS FOLLOWS:

COMMONANCY AT THE INTERSECTION OF THE WESTERLY MICHINAY BOURDARY OF THE HAMBURG TRIPHINE (ALSO INDIAN AS STATE ROUTE NO. 3) AND THE SOUTHERVE LINE OF LIMBS COMMENDED TO GATEMY TRUDE CONTINE, NO. 37 A DEED RECORDED IN THE ERRECOUNTY CLEFTS OFFICE IN URBER 10885 OF DEEDS, AT PERFECTION OF THE AND POINT BERNE SATISS FEET SOUTH OF THE SOUTH, AND THE CHY OF BUFFLOOR OF THE SOUTH), AND THE CITY OF BUFFLOOR (TO THE MORTH) AS MICHIGARY OR THE CHY OF BUFFLOOR (TO THE MORTH) AS MICHIGARY CANDON THE MOSSING AND THE CHY OF BUFFLOOR (TO THE MORTH) AS MICHIGARY CANDON THE MOSSING AND THE CHY OF BUFFLOOR (TO THE MORTH) AS

THENCE ALONG A LINE, S 16"—14"—01" W, A DISTANCE OF 2221.44 FEET TO THE POINT OF BETIMBING, SAID POINT ALSO BEING THE SOUTHMEST CORNER OF BCP SITE NUMBER C9151971;

THENCE ALONG THE SOUTH LINE OF BCP SITE NUMBER C9151971, N 71-00'-00'-E A DISTANCE OF 750,72 FEET TO A POINT ON THE WEST LINE OF BCP SITE NUMBER C915197F, SAID POINT ALSO BEING THE SOUTHEAST CONNER OF BCP SITE NUMBER

THENCE ALONG THE WESTERLY LINE OF BCP SITE NUMBER C915197F. S 18'-41'-56°E. A DISTANCE OF 182.10 FEET TO A

THENCE CONTINUING ALONG THE WESTERLY LINE OF BCP SITE MANUFER C9151977. AND THE WESTERLY LINE OF BCP SITE MANUFER C9151970, S 17-28"-19"E A DISTANCE OF 400,91 FEET TO A POINT ASD POINT ALSO BEING THE MONTHEAST CORNER OF BCP SITE MANGER C9151970.

THENCE ALONG THE NORTH LINE OF BCP SITE MUMBER C915197E, S 71"-00"-00" W. A DISTANCE OF 745.50 FEET TO A POINT ON THE WESTERLY UNE OF SAID BUSINESS PARK PHASE I;

THENCE ALONG THE WESTERLY LINE OF SAID BUSINESS PARK PHASE I, N 18'-22'-06" W, A DISTANCE OF 582.90 FEET TO THE POINT OF BETWINING; CONTRIBUTING 10.03 ACRES OF LAND, MORE

ENVIRONMENTAL EASEMENT AREA_ACCESS

THE DEC OR THEIR AGENT MAY ACCESS THE ENVIRONMENTAL EASEMENT AREA AS SHOWN HEREON THROUGH ANY EXISTING STREET ACCESS OR BUILDING INGRESS/EGRESS ACCESS POINT

THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM THE NYS DEPARTMENT OF **ENVIRONMENTAL CONSERVATION, DIVISION** OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT DERWEB@GW.DEC.STATE.NY.US

TRUE NORTH AT THE 78'35' Ě Š GATEWAY TRADE PART OF 23 OWNER) CENTER, PARK BUSINESS PARK (REPUTED TECUMSEH_ 25 INC. REDEVELOPMENT, REPUTED OWNER) HAMBURG TURNPIKE

(WIDTH

(WIDTH AS STATE POLITE NO. 5) 24 -182.10' MS. ALTERATION OF THIS DOCUMENT, EXCEPT BY A LICENSED LAND SURVEYOR, IS ILLEGAL

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PREPARED BY THE CONSULTANT



Centerpointe Corporate Park * 375 Easjay Roed, Suite 200 Williams VIIIe, New York 14221 PHONE: 716.888.0766 FAX: 716.625.6825 WEBSITE: www.wendelcomparies.com Wendel WD Architecture, Engineer

WAP OF LANDS OF BOA BOUNDARIES & PLANNED SUB-PLACES BROWNFIELD CLEAN-UP PROGRAM IN BUSINESS PARK PLACE I

THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION STRATE IN PART OF LOT 23 & 24 OF THE OGDEN CONSE TRACT, STIGHT BY PAY OF LOT 25 & 24 OF THE COLOR OWNER THEY CONTROL OF THE FOLLAND LOND COMPANY'S SURVEY COY OF LACKARONDA, COUNTY OF ERIE, STATE OF NEW YORK T.M.gl: PART OF 141.11—1—1.111

100' 50' 0' 400

1 INCH = 200 FEET 1:2400

I HEREBY CERTIFY THAT THIS IS AN ACCURATE SURVEY MAP PREPARED UNDER MY DRECTION, FROM AN ACTURAL SURVEY, PERFORMED IN ACCORDANCE TO THE STANDARDS AND PROCEDURES ADDITION FOR THE NEW YORK STATE OPPHITMENT OF EVERYMINISTIAL CONSERVATION, SEPTEMBER 1959. "THEY SHARE COMMENTED ADDITION TO THE PROPERTY CONTINUED ADDITION TO THE STANDARD AND THE STAN

SHEET 1 of 1

CHECKED BY: CJS

MAP NUMBER

WENDEL PROJECT MUMBER: 411107 DRAWING NAME: PHI-7 C915197G.DWG SEE EMPRONUENTAL EASEMENT SURVEY DATED MAY 13, 2014, TITLE No. 1313-25072 (AMENDED), FOR THE LOCATION OF SUBJECT PROPERTY WITHIN THE CONTROLLED SITE.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Form

12/18/2017

SITE DESCRIPTION

SITE NO. C915197G

SITE NAME Site I-7 Tecumseh Phase I Business Park

SITE ADDRESS: 2303 Hamburg Turnpike ZIP CODE: 14218

CITY/TOWN: Lackawanna

COUNTY: Erie

ALLOWABLE USE: Commercial and Industrial

SITE MANAGEMENT DESCRIPTION

SITE MANAGEMENT PLAN INCLUDES:

IC/EC Certification Plan

Monitoring Plan

Periodic Review Frequency: once a year

Periodic Review Report Submitted Date: 04/29/2019

Operation and Maintenance (O&M) Plan

Description of Institutional Control

Buffalo & Erie Co. ILDC

95 Perry Street, Suite 403
2303 Hamburg Turnpike
Environmental Easement
Block: 1
Lot: 48
Sublot: 1
Section: 141

Subsection: 11 S_B_L Image: 141.11-1-48.1 Ground Water Use Restriction

IC/EC Plan

Landuse Restriction

Monitoring Plan

Site Management Plan
Soil Management Plan

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Buffalo & Erie Co. ILDC

95 Perry Street, Suite 403
2303 Hamburg Turnpike
Environmental Easement
Block: 1
Lot: 48
Sublot: 1
Section: 141
Subsection: 11
S_B_L Image: 141.11-1-48.1
Cover System
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NOTES:

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ENVIRONMENTAL EASEMENT AREA_ACCESS

THE DEC OR THEIR AGENT MAY ACCESS THE ENVIRONMENTAL EASEMENT AREA AS SHOWN HEREON THROUGH ANY EXISTING STREET ACCESS OR BUILDING INGRESS/EGRESS ACCESS POINT

TRUE NORTH AT THE 78'35' -MERIDIAN OF WEST LONGITUDE

THEMES ALONG THE MONTHERLY LINE OF BOP SITE MANDER C915197G, S 717-00"-00" W, A DISTANCE OF 750.72 FEET TO A POINT ON THE WESTERLY LINE OF SAID BUSINESS PARK PHASE I;

THENCE ALONG THE MESTERLY LINE OF BCP SITE NUMBER C915197H, S 19-10-58"E, A DISTANCE OF 200.22 FEET TO THE MORTHWEST CORNER OF BCP SITE NUMBER C915197F; THENCE ALONG THE WESTERLY LINE OF BCP SITE NUMBER C915197F. THE NORTHEAST CONTROL OF 364.32 FEET TO THE NORTHEAST CORNER OF BOP SITE NUMBER COISINGS

ENVIRONMENTAL EASEMENT DESCRIPTION FOR BCP SITE No. C9151971

ALL THAT TRACT OF PARCEL OF LAND, STILLINE IN THE CITY OF ART OF LOTS WHAVEN, COUNTY OF PRE, STATE OF NEW YORK, BEING PART OF LOTS A, 24 & 25 OF THE COLDIN CONE TRACT, BEING BUY STE MANGET CO151971, AS SHOWN ON A MAP OF "LAND TO BE COUNTYED TO BUTTALD AND EDE CLANTY PROJECTION, LAND OF PROJECT MARKER 41110 (BEING PART OF WHORES FROMET NO.

411107) BEING MORE PARTICLEARLY ROLINGED AND DESCRIBED AS

COMMENCING AT THE INTERSECTION OF THE WESTERLY POGHNAY BOURDARY OF THE HAMPURG THOMPINE (ALSO KNOWN AS STATE ROUTE NO. 5) AND THE SOUTHERY, THE OF LANDS COMPLET TO GRIENLY TRACE CONFER, INC. BY A DEED RECORDED IN THE EMECUNITY CLERK'S OFFICE IN LIBER 10886 OF DEEDS AT PAGE 1115, SAL POINT ALSO BEING 547.88 FEET SOUTH OF THE MANUSCHALTY.

SAID FURTH ALSO BELLING SALASS FEEL SCUIN OF THE MUNICIPALITY LINE BETWEEN THE CITY OF LACTUREMANN (ON THE SOUTH), AND THE CITY OF BUFFALO (TO THE MORTH) AS MEASURED ALONG THE WESTERLY HIGHMY BOUNDARY; THENCE S 26"-35"-25" W, A DISTUNCE OF 1714.75 FEET TO THE POINT OF BECANNING, SAID POINT ALSO BEING THE SOUTHWEST CORNER OF BCP SITE NO. C9151971; THENCE ALONG THE SOUTHERLY LINE OF BCP SITE MUMBER
CO15197J, IN 71"-00"-00" E, A COSTANCE OF 694,80 FEET TO A
POINT ON THE WESTERLY LINE OF BCP SITE NUMBER CO15197H;

THENCE ALONG THE SAID WESTERLY LINE OF BUSINESS PARK PHASE I THE FOLLOWING 3 COURSES AND DISTANCES:

1. N 18'-22'-06" W, A DISTANCE OF 94.94 FEET TO A POINT; 2. N CS'-40'-30" E, A DISTANCE OF 108.50 FEET TO A POINT 3. N 18'-23'-42" M, A DISTANCE OF 428.18 FEET TO THE POINT OF BECINGING, CONTAINING 10.01 ACRES OF LAND, MORE OR LESS.

REVISED 11/2/2017; UPDATE MAP

ALTERATION OF THIS DOCUMENT, EXCEPT BY A LICENSED LAND SURVEYOR, IS ILLEGAL NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PREPARED BY THE CONSULTANT

wendel

Certarpointe Corporate Park * 375 Easjey Road, Suite 200 Williamsville, New York 14221 PHONE: 716.688.0706 FAX: 716.626.6825 WEBSITE: www.wandelcompartes.com Wendel WD Architecture, Engineering, Surveying and

BOA BOUNDARIES & PLANNED SUB-PHICELS BROWNFIELD CLEAN-UP PROGRAM IN BUSINESS PARK PHISE I

THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SITUATE IN PART OF LOTS 23, 24 & 25 OF THE OCCUPA CORE TRACT, STIGHTE IN 1971 OF LITTS 23, 24 & 25 OF THE COURT OF ORE THAT, TOWNSHIP 10, RANGE 8 OF THE HOLLAND LAND COMPANY'S SURVEY CITY OF LACIAMANNA, COUNTY OF ERE, STATE OF NEW YORK T.M.J. PART OF 141.11-1-1.111

100' 50' 0'

1 INCH = 200 FEET

I WICH = 200 FEET

1 WICH = 200

CHECKED BY: CJS

SEE ENVIRONMENTAL EASEMENT SURVEY DATED MAY 13, 2014, TITLE No. 1313-25072 (AMENDED), FOR THE LOCATION OF SUBJECT PROPERTY WITHIN THE CONTROLLED SITE.

24

INC. OWNER) CENTER, (REPUTED L-10886 HAMBURG TURNPIKE

WIDTH VARIES)

(WIDTH NO. 5)

(WIDTH NO. 5) 23

MENDEL PROJECT NUMBER: 411107 DRAWING NAME: PHI-9 C9151971.DWG

BUSINESS PARK

PHASE TECUMSEH

REDEVELOPMENT. (REPUTED OWNER)

11040

NE COR C91511

SHEET 1 of 1

MAP NUMBER BCP SITE No. C9151971

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION **Site Management Form**

12/20/2017

SITE DESCRIPTION

SITE NO. C915197I

SITE NAME Site I-9 Tecumseh Phase I Business Park

SITE ADDRESS: 2303 Hamburg Turnpike ZIP CODE: 14218

CITY/TOWN: Lackawanna

COUNTY: Erie

ALLOWABLE USE: Commercial and Industrial

SITE MANAGEMENT DESCRIPTION

SITE MANAGEMENT PLAN INCLUDES:	YES	NO
IC/EC Certification Plan Monitoring Plan Operation and Maintenance (O&M) Plan		

Periodic Review Frequency: once a year

Periodic Review Report Submitted Date: 04/29/2019

Description of Institutional Control

Buffalo & Erie Co. ILDC

95 Perry Street, Suite 403 2303 Hamburg Turnpike **Environmental Easement** Block: 1 Lot: 48 Sublot: 1 Section: 141 Subsection: 11 S B L Image: 141.11-1-48.1 Ground Water Use Restriction IC/EC Plan Landuse Restriction

Monitoring Plan

Site Management Plan Soil Management Plan

Buffalo & Erie Co. ILDC

95 Perry Street, Suite 403
2303 Hamburg Turnpike
Environmental Easement
Block: 1
Lot: 48
Sublot: 1
Section: 141
Subsection: 11
S_B_L Image: 141.11-1-48.1
Cover System

NOTES -ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MAP MARKED WITH THE SIGNATURE AND AN ORIGINAL OF THE LAND SURVEYOR'S SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.

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ENVIRONMENTAL EASEMENT DESCRIPTION FOR BCP SITE No. C915197J

ALL THAT TRACT OF PARCEL OF LAND, STUATE IN THE CITY OF LUDWINNAMMA, COUNTY OF ERE, STATE OF NEW YDRY, BEING PART OF LOTS 24 & 25 OF THE GODEN GOVE TRACK, AND PART OF LOT 36 OF THE BUFFALO CHEEK RESURNATION, BEING BCF STE MANGER OS 151971. AS SHOWN ON A MAP OF YUNG TO BE COUNTY BOUSTRULL AND EXPENDING COUNTY BOUSTRULL AND EXPENDING OF COUNTY BOUSTRULL AND EXPENDED OF COUNTY BOUSTRULL AND EXPENDENCE OF COUNTY BOUSTRULL AND

COMMENCING AT THE INTERSECTION OF THE WESTERLY HIGHMAY BOUNDARY OF THE HAMBURG TURNIPINE (ALSO KNOWN AS STATE ROUTE NO. 5), AND THE SOUTHERLY LINE OF LANDS CONVEYED TO GATERIAY THADE CENTER, INC. BY A DEED RECORDED IN THE EME COUNTY CLERK'S OFFICE IN LIBER 10886 OF DEEDS AT PACE 1115, SAID POINT BEING 547.89 FEET S 15"-27"-46" E FROM THE INTERSECTION OF THE SAID WESTERLY INCOMMY BOUNDARY OF THE HAMBURG TURNIFIE AND THE MUNICIPALITY LINE BETWEEN THE CITY OF LACKAWANNA (ON THE SOUTH), AND THE CITY OF BUFFALO (TO THE NORTH):

THONCE ALONG THE SOUTHERLY LINE OF LANDS CONVEYED TO THE SAID GATEMMY TRADE CENTER THE FOLLOWING 5 COURSES AND DISTANCESS 1. S 71"-12"-22" W, A DISTANCE OF 400.00 FEET TO A POINT; 2.5 18-17'-53" E A DISTANCE OF TO.00 FEET TO A POINT; 3.5 71'-12'-22" W, A DISTANCE OF 388.47 FEET TO A POINT; 4.5 18'-17'-53" E, A DISTANCE OF 314.71 FEET TO A POINT; 5. S. 71"-42"-07" W., A DISTANCE OF SOLB FEET TO THE NORTHWEST CORNER OF SAID BUSINESS PARK PHASE I;

THENCE ALONG THE WESTERLY LINE OF SUD BUSINESS PARK PHASE L S 18-29'-44" E, A DISTANCE OF 199.75 FEET TO A POINT;

THENCE CONTINUING ALONG THE SOUTH LINE OF SAID BUSINESS PARK PHASE I, N 71"-00"-00" E A DISTANCE OF 143.37 FEET TO THE POINT OF BETWEENE SUID POINT ALSO BEING THE NORTHEXT CONTRE OF BCT TE NORTHEXT CONTRE OF BCT SITE NORMBER COJISZIO AND A POINT ON THE SOUTH LINE OF BCP SITE

THENCE ALONG THE SOUTH LINE OF BCP SITE NUMBER C915197K. N 71:-00'-00'E, A DISTANCE OF 700.30 FEET TO THE MONTHWESTERLY CORNER OF BCP SITE NUMBER C915197H;

THENCE ALONG THE WESTERLY LINE OF BCP SITE C915197H, S 17-12'-25"E, A DISTANCE OF 409.44 FEET TO A POINT;

THENCE CONTINUING ALONG THE WESTERLY LINE OF BCP SITE NUMBER C915197H, S 19'-11'-12"E, A DISTANCE OF 218.10 FEET TO A POINT, SAID POINT ALSO BEING THE NORTHEAST CORNER OF BCP SITE NUMBER

THENCE ALONG THE NORTHERLY LINE OF BCP SITE NUMBER C9151971, S 71'-00'-00"N, A DISTANCE OF 894.80 FEET TO A POINT ON THE WESTERLY LINE OF SAID BUSINESS PARK PHASE I;

THENCE ALONG THE WESTERLY LINE OF SAID BUSINESS PARK PHASE I, N 18"-23"-42" W, A DISTANCE OF 625.37 FEET TO THE FOINT OF BEGINNING; CONTAINING 9.98 ACRES OF LAND, MORE OR LESS.

THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM THE NYS DEPARTMENT OF **ENVIRONMENTAL CONSERVATION, DIVISION** OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT DERWEB@GW.DEC.STATE.NY.US.

UNE BCP SITE NO. C915218

8,8

PHASE ! REDEVELOPMENT. INC. (REPUTED OWNER)

L-11040.

P-8953

SEE ENVIRONMENTAL EASEMENT SURVEY DATED MAY 13, 2014, TITLE No. 1313-25072 (AMENDED).

FOR THE LOCATION OF SUBJECT PROPERTY WITHIN THE CONTROLLED SITE

24

HAMBURG VARIES)

HAMBURG VARIES)

36

409.44" NS.

ALTERATION OF THIS DOCUMENT, EXCEPT BY A LICENSED LAND SURVEYOR, IS ILLEGAL NEW YORK STATE DEPARTMENT OF ENMRONMENTAL CONSERVATION

TRUE NORTH AT THE 78'35'

MERIDIAN OF WEST LONGITUDE

-

GATEWAY TRADE CENTER.

L-10886 L-1115

26

PREPARED BY THE CONSULTANT
Centerpoints Carporate Park * 375 Essjey Road, Suite 200
Williamsuttle, New York 14221
PHONE: 716.886.0796 FAX: 716.825.825 WEBSITE: www.wendelcompenies.com Wendel WD Architecture, Engineering, Surveying and Landecape Architecture P.C.

MAP OF LANDS OF BCA BOUNDARIES & PLANNED SUB-PARCELS BROWNFIELD CLEAN-UP PROGRAM IN BUSINESS PARK PHASE I

REVISED 11/2/2017; UPDATE MAP

IN CLORNESS PARK PASS I

THE NEW YORK SINTE DEPARTMENT OF EMPRONUENTAL CONSERVATION
STRUTE IN PART OF LOTS 24 & 25 OF THE OCIDEN GORE TRACT, AND
PART OF LOT 36 OF THE BUFFALO CREEK RESERVATION, UP 10, RANGE B OF THE HOLLAND LAND COMPANY'S SURVEY OF LACKAWANNA, COUNTY OF ERIE, STATE OF NEW YORK

T.M. #: PART OF 141,11-1-1,111

I INCH = 200 Feet

1 HEREBY CERTIFY THAT THIS IS AN ACCURATE SURVEY MAP PREPARED UNDER MY
DRECTION, FROM AN ACTUAL SURVEY, PERFORMED IN ACCORDANCE TO THE
SYMMOMENTAL CONSERVATION, SEPTEMBER 1889,
FRED SURVEY-COMPLETED UNDER 2007-E0

CHRISTOPHER J SOUTH
CHRISTOPHER J SOUTH
CHRISTOPHER J SOUTH

CHRISTOPHER J. SCOTT, LAND SURVEYOR \$050708

CHECKED BY: GIS

MAP NUMBER

WENDEL PROJECT NUMBER: 411107 DRAWING NAME: PHIT-10 C915197J.DWG

DATE



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Form

SITE DESCRIPTION

vianagement For 12/20/2017



SITE NO.

C915197J

SITE NAME Site I-10 Tecumseh Phase I Business Park

SITE ADDRESS: 2303 Hamburg Turnpike

ZIP CODE: 14218

CITY/TOWN:

Lackawanna

COUNTY: Erie

ALLOWABLE USE: Commercial and Industrial

SITE MANAGEMENT DESCRIPTION

SITE MANAGEMENT PLAN INCLUDES:

YES NO

IC/EC Certification Plan

Monitoring Plan

Operation and Maintenance (O&M) Plan

Periodic Review Frequency: once a year

Periodic Review Report Submitted Date: 04/29/2019

Description of Institutional Control

Buffalo & Erie Co. ILDC

95 Perry Street, Suite 403 2303 Hamburg Turnpike Environmental Easement Block: 1

Lot: 48 Sublot: 1

Section: 141

Subsection: 11

S_B_L Image: 141.11-1-48.1 Ground Water Use Restriction

IC/EC Plan

Landuse Restriction

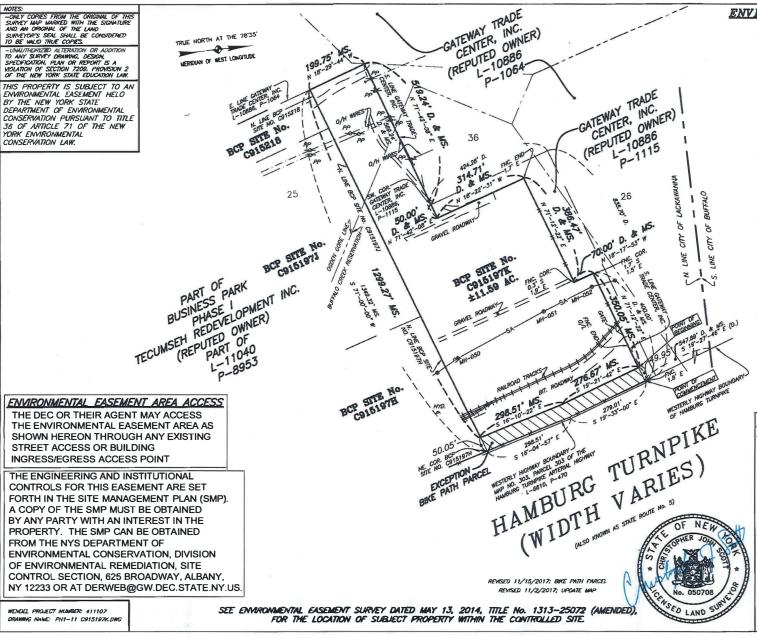
Monitoring Plan

Site Management Plan

Soil Management Plan

```
Buffalo & Erie Co. ILDC

95 Perry Street, Suite 403
2303 Hamburg Turnpike
Environmental Easement
Block: 1
Lot: 48
Sublot: 1
Section: 141
Subsection: 11
S_B_L Image: 141.11-1-48.1
Cover System
```



ENVIRONMENTAL EASEMENT DESCRIPTION FOR BCP SITE No. C915197K

ALL THAT TRACT OF PARCEL OF LAND, SITUATE IN THE CITY OF LACKAMMANA, COUNTY OF ERIE, STATE OF NEW YORK, BEING PART OF LOT 25 OF THE OCOM CORE TRACT AND PART OF LOT 36 OF THE RUFFALO CREEK RESERVATION BEING BCP SITE NUMBER C915197K, AS SHOWN ON A WAP OF "LAND TO BE CONVEYED TO BUFFALO AND ERIE COUNTY INDUSTRIAL LAND DEVELOPMENT CORPORATION", PREPARED BY WENDEL, MAY 2017, PROJECT No. 411110 (BEING PART OF WENDEL'S PROJECT No. 411107), BEING MORE PARTICULARLY BOUNDED AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE WESTERLY HIGHWAY BOUNDARY OF HAMBURG TURNIPACE (ALSO KNOWN AS STATE ROUTE NUMBERS) AND THE SOUTHERLY LINE OF LANDS CONVEYED TO GATERIAY TRADE CENTER, INC. BY DEED RECORDED IN THE ERIE COUNTY CLERK'S OFFICE IN LIBER 10886 OF DEEDS AT PAGE 1115;

THENCE ALONG THE SOUTHERLY LINE OF SAID LANDS CONVEYED TO GATENAY TRADE CENTER, INC., 5 71'-12'-22" W, A DISTANCE OF 49.95 FEET TO THE POINT OF BETCHHUNG, ALSO BEING THE NORTHWEST CONNER OF THE BINE PATH

THENCE ALONG THE WESTERLY LINE OF SAID BIKE PATH PARCEL S 19"-21"-42" E, A DISTANCE OF 276.67 FEET TO AN ANGLE POINT IN SAID

THENCE CONTINUING ALONG THE WESTERNY LINE OF THE SAID BIKE PATH PARCEL, S 16'-10'-22" E, A DISTANCE OF 298.51 FEET TO A POINT ON THE MORTH LINE OF BUSINESS PARK PHASE I, BCP SITE NUMBER C915197H;

THENCE ALONG THE NORTHERLY LINE OF BCP SITE NUMBERS C915197H. C915197J, AND C915218, \$ 71"-00"-00" W, A DISTANCE OF 1299.27 FEET TO A POINT ON THE EASTERLY LINE OF SAID LANDS CONVEYED TO CATEMAY TRADE CENTER, INC. BY DEED RECORDED IN THE ERIE COUNTY CLERK'S OFFICE IN LIBBR 10886 OF DEEDS AT PAGE 1064;

THENCE ALONG THE EASTERLY AND SOUTHERLY LINE OF SAID LANDS CONVEYED TO GATEWAY TRADE CENTER, INC. THE FOLLOWING 2 COURSES AND DISTANCES:

- 1. N 18"-29"-44" W, A DISTANCE OF 199.75 FEET TO A POINT;
- 2. N 71'-42'-08" E. A DISTANCE OF 519.24 FEET TO THE SDUTHWEST CORNER OF LANDS CONVEYED TO GATERIAY TRADE CENTER, INC. BY DEED RECORDED IN THE ERIE COUNTY CLEAK'S OFFICE IN LIBER 10886 OF DEEDS AT PAGE 1115;

THENCE ALONG THE EASTERLY AND SOUTHERLY LINE OF LANDS CONVEYED TO GATETIMY TRADE CENTER, INC. BY SAID DEED RECORDED IN THE ERIE COUNTY CLERK'S OFFICE IN USER 10886 OF DEEDS AT PAGE 1115 THE FOLLOWING 5 COURSES AND DISTANCES:

- 1. N 71'-42-08" E. A DISTANCE OF 50.00 FEET TO A POINT:
- 2. N 18"-22-31" W, A DISTANCE OF 314.71 FEET TO A POINT;
- J. N 71'-12'-22" E, A DISTANCE OF \$86.47 FEET TO A POINT;
- 4. N 18-17'-53" W. A DISTANCE OF 70.00 FEET TO A POINT:
- 5 N 71'-12'-22" E. A DISTANCE OF 350.05 FEET TO THE POINT OF BEGINNING, CONTAINING 11.50 ACRES OF LAND, MORE OR LESS.

ALTERATION OF THIS DOCUMENT, EXCEPT BY A LICENSED LAND SURVEYOR, IS ILLECAL

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



PREPARED BY THE CONSULTANT Manpointe Corporate Park * 376 Essjey Road, Suite 200 Williamsville, New York 14221 PHONE: 716.688.0768 FAX: 716.625.6825

WEBSITE: www.wende/companies.com Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C. MAP OF LANDS OF

IMP OF LINES OF BOUNDARES & PLANED SIB-PARELS GROWNFIELD CLEAN-UP PROGRAM IN BUSINESS PARK PHASE / TO THE MEMORIAN SUBJECT OF THE PROGRAM OF THE NEW YORK STATE OF DEVARIANT OF ENVIRONMENTAL CONSERVATION SITUATE IN PART OF LOT 25 OF THE OCODY GORE TRACT, AND LOT 36 OF THE OUTSTANDON, STORY TO THE BUFFALD CREEK RESERVATION, TOMOSHIP 10, RANGE 8 OF THE MELLAND LAND COMPANY'S SURVEY CITY OF LOCAMBANIA, COUNTY OF ETIE, STATE OF NEW YORK

T.M.#: PART OF 141.11-1-1.111 100' 50' 0' 200' 1 inch = 200 Feet 1:2400

I HERBIST CERTIFY THAT THIS IS AN ACCURATE SURVEY MAP PREPARED UNDER MY DIRECTION, FROM AN ACTUAL SURVEY, PERODUCED IN ACCURANCE TO THE STANDARDS AND PROJECTIONS SOUTHED BY THE NEW YORK STATE DEPARTMENT OF EMPROMENTAL CONSERVATION, SEPTEMBER 1989, PELO SURVEY CONFILER DIRECTORY SUPPLIES DIR

DATE MAP NUMBER BCP SITE IN

SHEET 1 of 1

CHECKED BY: CAS



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Form

12/15/2017

SITE DESCRIPTION



SITE NO.

C915197K

SITE NAME Site I-11 Tecumseh Phase I Business Park

SITE ADDRESS: 2303 Hamburg Turnpike ZIP CODE: 14218

CITY/TOWN:

Lackawanna

COUNTY: Erie

ALLOWABLE USE: Commercial and Industrial

SITE MANAGEMENT DESCRIPTION

SITE MANAGEMENT PLAN INCLUDES:

YES NO

IC/EC Certification Plan

Monitoring Plan

 \Box

Operation and Maintenance (O&M) Plan

Periodic Review Frequency: once a year

Periodic Review Report Submitted Date: 04/29/2019

Description of Institutional Control

Buffalo & Erie Co. ILDC

95 Perry Street, Suite 403 2303 Hamburg Turnpike **Environmental Easement** Block: 1 Lot: 48 Sublot: 1 Section: 141

Subsection: 11

S_B_L Image: 141.11-1-48.1 Ground Water Use Restriction

IC/EC Plan

Landuse Restriction Monitoring Plan

Site Management Plan Soil Management Plan

```
Buffalo & Erie Co. ILDC

95 Perry Street, Suite 403
2303 Hamburg Turnpike
Environmental Easement
Block: 1
Lot: 48
Sublot: 1
Section: 141
Subsection: 11
S_B_L Image: 141.11-1-48.1
Cover System
```



APPENDIX 2

Cover Inspection Forms

Former Bethlehem Steel Business Park Area 1 – Site I-1 2303 Hamburg Turnpike, Lackawanna, New York NYSDEC Site No. C915197

Date: 4/14/2022 Inspector: A. Koons

1. Compliance with all ICs, including site usage:
SITE USAGE: Use of the Site is limited to Commercial & Industrial Uses. Indicate if any other type of use is occurring at the Site. Undeveloped land
GROUNDWATER USAGE: Use of groundwater underlying the Site is prohibited without treatment. Indicate whether groundwater use is occurring at the Site along with any treatment measures being applied. No groundwater usage
COMPLIANCE WITH SMP: List Site activities and indicate compliance or non-compliance with SMP. In compliance with the SMP

Former Bethlehem Steel Business Park Area 1 – Site I-3 2303 Hamburg Turnpike, Lackawanna, New York NYSDEC Site No. C915197C

Date: 4/14/2022 Inspector: A. Koons

•
1. Compliance with all ICs, including site usage:
SITE USAGE: Use of the Site is limited to Commercial & Industrial Uses. Indicate if any other type or use is occurring at the Site. Undeveloped land
GROUNDWATER USAGE: Use of groundwater underlying the Site is prohibited without treatment. Indicate whether groundwater use is occurring at the Site along with any treatment measures being applied. No groundwater usage
COMPLIANCE WITH SMP: List Site activities and indicate compliance or non-compliance with SMP. In compliance with the SMP

Former Bethlehem Steel Business Park Area 1 – Site I-5 2303 Hamburg Turnpike, Lackawanna, New York NYSDEC Site No. C915197E

Date: 4/14/2022 Inspector: A. Koons

•
1. Compliance with all ICs, including site usage:
SITE USAGE: Use of the Site is limited to Commercial & Industrial Uses. Indicate if any other type or use is occurring at the Site. Undeveloped land
GROUNDWATER USAGE: Use of groundwater underlying the Site is prohibited without treatment. Indicate whether groundwater use is occurring at the Site along with any treatment measures being applied. No groundwater usage
COMPLIANCE WITH SMP: List Site activities and indicate compliance or non-compliance with SMP. In compliance with the SMP

Former Bethlehem Steel Business Park Area 1 – Site I-7 2303 Hamburg Turnpike, Lackawanna, New York NYSDECSite No. C915197G

Date: 4/14/2022 Inspector: A. Koons

•
1. Compliance with all ICs, including site usage:
SITE USAGE: Use of the Site is limited to Commercial & Industrial Uses. Indicate if any other type or use is occurring at the Site. Undeveloped land
GROUNDWATER USAGE: Use of groundwater underlying the Site is prohibited without treatment. Indicate whether groundwater use is occurring at the Site along with any treatment measures being applied. No groundwater usage
COMPLIANCE WITH SMP: List Site activities and indicate compliance or non-compliance with SMP. In compliance with the SMP

Former Bethlehem Steel Business Park Area 1 – Sitel-9 2303 Hamburg Turnpike, Lackawanna, New York NYSDECSiteNo. C915197I

Date: 4/14/2022 Inspector: A. Koons

1. Compliance with all ICs, including site usage:
SITE USAGE: Use of the Site is limited to Commercial & Industrial Uses. Indicate if any other type of use is occurring at the Site. Undeveloped land
GROUNDWATER USAGE: Use of groundwater underlying the Site is prohibited without treatment. Indicate whether groundwater use is occurring at the Site along with any treatment measures being applied. No groundwater usage
COMPLIANCE WITH SMP: List Site activities and indicate compliance or non-compliance with SMP. In compliance with the SMP

Former Bethlehem Steel Business Park Area 1 – Site I-10 2303 Hamburg Turnpike, Lackawanna, New York NYSDECSiteNo. C915197J

Date: 4/14/2022 Inspector: A. Koons

•
1. Compliance with all ICs, including site usage:
SITE USAGE: Use of the Site is limited to Commercial & Industrial Uses. Indicate if any other type or use is occurring at the Site. Undeveloped land
GROUNDWATER USAGE: Use of groundwater underlying the Site is prohibited without treatment. Indicate whether groundwater use is occurring at the Site along with any treatment measures being applied. No groundwater usage
COMPLIANCE WITH SMP: List Site activities and indicate compliance or non-compliance with SMP. In compliance with the SMP

Former Bethlehem Steel Business Park Area 1 – Site I-11 2303 Hamburg Turnpike, Lackawanna, New York NYSDEC Site No. C915197K

Date: 4/14/2022 Inspector: A. Koons

1. Compliance with all ICs, including site usage:
SITE USAGE: Use of the Site is limited to Commercial & Industrial Uses. Indicate if any other type or use is occurring at the Site. Undeveloped land
GROUNDWATER USAGE: Use of groundwater underlying the Site is prohibited without treatment. Indicate whether groundwater use is occurring at the Site along with any treatment measures being applied. No groundwater usage
COMPLIANCE WITH SMP: List Site activities and indicate compliance or non-compliance with SMP. In compliance with the SMP



APPENDIX 3

Photographs













View of I-11 facing south



View of Site I-11 facing west



View of railroad track along west Site boundaries (typical)





APPENDIX 4

NYSDEC Approval Letter

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) 851-7275 www.dec.ny.gov

May 17, 2022

Sean Fallon Erie County Industrial Development Agency 95 Perry Street, Suite 403 Buffalo, NY 14203

> Soil Import Request Tecumseh Phase I Business Park Site Nos. C915197, C915197B, C915197C C915197D, C915197F, & C915197H Lackawanna, NY

Dear Sean Fallon,

The Department has reviewed the request dated May 11, 2022 to import 200 cubic yards of asphalt millings generated from the Route 219 Paving Project. Based on the information provided, the request is hereby approved.

The proposed material is approved for the use of construction or maintenance of paved surfaces only.

Should you have any questions or would like to discuss the matter in further detail, feel free to contact me at andrew.zwack@dec.ny.gov or (716) 851-7220.

Sincerely,

Andrew Zwack Assistant Engineer

ec: Ben McPherson – NYSDEC Megan Kuczka - NYSDEC





NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



Request to Import/Reuse Fill or Soil

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

SECTION 1 – SITE BACKGROUND
The allowable site use is: Choose an item
Have Ecological Resources been identified?
Is this soil originating from the site? no
How many cubic yards of soil will be imported/reused? 100-200
If greater than 1000 cubic yards will be imported, enter volume to be imported:
SECTION 2 – MATERIAL OTHER THAN SOIL
SECTION 2 - MATERIAL OTHER THAN SOIL
Is the material to be imported gravel, rock or stone?
Does it contain less than 10%, by weight, material that would pass a size 80 sieve? no
Is this virgin material from a permitted mine or quarry? no
Is this material recycled concrete or brick from a DEC registered processing facility?
SECTION 3 - SAMPLING
Provide a brief description of the number and type of samples collected in the space below:
N/A - Asphalt Millings
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.

N/A - Asphalt Millings	
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.	
	15
SECTION 4 – SOURCE OF FILL	
Name of person providing fill and relationship to the source:	
Michael Serafini, Inc Contractor completing the repavement project on 219	
Location where fill was obtained:	
Location where fill was obtained: 219 repaving project	
219 repaving project	
219 repaving project Identification of any state or local approvals as a fill source:	
219 repaving project Identification of any state or local approvals as a fill source: N/A	
219 repaving project Identification of any state or local approvals as a fill source: N/A If no approvals are available, provide a brief history of the use of the property that is the fill source:	

SECTION 3 CONT'D - SAMPLING

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

Revised August 2014

Provide a list of supporting documentation included with this request:

N/A - Can provide some form of proof via email or trucking logs from Michael Serafini, Inc. if needed to prove source location, quantities, etc.

Appendix 5):

Signature

Sean Fallon
Print Name

Buffalo and Errie Co. ILDC
Firm

The information provided on this form is accurate and complete.



APPENDIX 5

Subsurface Investigation Documentation



6035 Corporate Drive East Syracuse, New York 13057 (315) 701-0522 (315) 701-0526 (Fax)

www.cmeassociates.com

Transmittal

July 19, 2021

C&S Companies 141 Elm Street, Suite 100 Buffalo, New York 14203

Attn: Mr. Victor O'Brien, P.E., Department Manager

Re: Former Bethlehem Steel Sanitary Sewer and Water Line Extensions Project

Hamburg, New York

CME Project No.: 27808-05

Gentlepeople:

Enclosed you will find....

Number of Copies

1

Report Number/Description 27808B-01-0721/Subsurface Exploration Data Report

This report was emailed to Mr. Victor O'Brien at VObrien@cscos.com on 07/19/21.

Respectfully submitted, CME Associates, Inc.

Bryan Reles, P.G. Project Manager

By Rlo

BR.cw



6035 Corporate Drive East Syracuse, New York 13057 (315) 701-0522 (315) 701-0526 (Fax)

www.cmeassociates.com

July 19, 2021

C&S Companies 141 Elm Street, Suite 100 Buffalo, New York 14203

Attn: Mr. Victor O'Brien, P.E., Department Manager

Email: VObrien@cscos.com

Re: Subsurface Exploration Data Report

Former Bethlehem Steel Sanitary Sewer and Water Line Extensions Project

Hamburg, New York

Report No.: 27808B-01-0721

Page 1 of 2

1.0 INTRODUCTION

CME Associates, Inc. (CME) was authorized by C&S Companies (Client) to provide subsurface exploration services for the subject project. CME advanced twenty-seven (27) Test Borings at the project site between June 22 and June 29, 2021.

The Scope of Basic Services and this report have been provided pursuant to the acceptance of CME Proposal/Agreement No. 05.6311R(2) by Client. This report provides a summary of exploration activities conducted at the subject site.

2.0 EXPLORATION METHODOLOGY

Site Plans with approximate exploration locations were provided by Client and the exploration locations were then marked in the field by CME (See Attached Client Provided Site Plan). Prior to initiation of exploration activities, all test boring locations were also scanned/cleared across a minimum 15-foot radius for the presence of private utilities and/or other subsurface obstructions by CME using ground penetrating radar (GPR). Test boring locations were adjusted accordingly if potential underground utilities or obstructions were observed to provide for a safe working distance between what was observed and the final drilling location. Following the field mark out and private utility clearing, CME contacted Dig Safe New York (DSNY) to clear public utilities.

GPS coordinates and elevations at the as-drilled location were obtained by CME using a hand-held Spectra Precision Ranger 3 GPS unit. GPS data is provided on the attached GPS Coordinates and Elevations Table. An Exploration Location Plan, ELP-1, is attached which depicts the final as-drilled exploration locations.

CME Report No.: 27808B-01-0721

Page 2 of 2



Between June 22 and June 29, 2021, twenty-seven (27) Test Borings (B-1 through B-27) were advanced using a CME model 550X, ATV-mounted, rotary exploration drill rig, equipped with 3-1/4" I.D. hollow stem augers and drive sampling tools. Soil sampling was conducted using a 140-pound automatic hammer dropping through a distance of 30 inches to drive a 2" O.D. and/or a 3" O.D. split barrel sampler in general conformance with ASTM Standard Practice D1586. Upon completion, each borehole was backfilled with auger cuttings to match existing grade.

Samples were logged and visually classified in the field by CME's drillers and a portion of each soil sample was placed and sealed in a glass jar. The soil classifications were later reviewed by CME Senior Geologist, Mark Schumacher, P.G. The visual soil classifications were made using a modified Burmister Classification System, as practiced by CME, and as generally described in the attached document entitled, *General Information & Key to Test Boring Logs*.

3.0 STANDARD OF CARE

CME endeavored to conduct services identified herein in a manner consistent with that level of care and skill ordinarily exercised by members of the industry currently practicing in the same locality and under similar conditions as this project. No warranty, either expressed or implied, is made or intended by CME's proposal, contract, and written and oral reports, all of which warranties are hereby expressly disclaimed. CME shall not be responsible for the acts or omissions of Client, its contractors, agents and consultants. CME may rely upon information supplied by Client, its contractors, agents and consultants or information available from generally accepted reputable sources, without independent verification, and CME assumes no responsibility for the accuracy thereof.

4.0 CLOSING

CME's services have been provided according to the requirements of the referenced CME Proposal/Agreement. No other representations, expressed or implied, are intended or made with respect to the information provided herein, and including but not limited to, its suitability for use by others.

Respectfully Submitted,

CME Associates, Inc.

Bryan Reles, P.G.

Box Rlo

Project Manager

Attachment Listing:

Client Provided Site Plan (1 of 1)

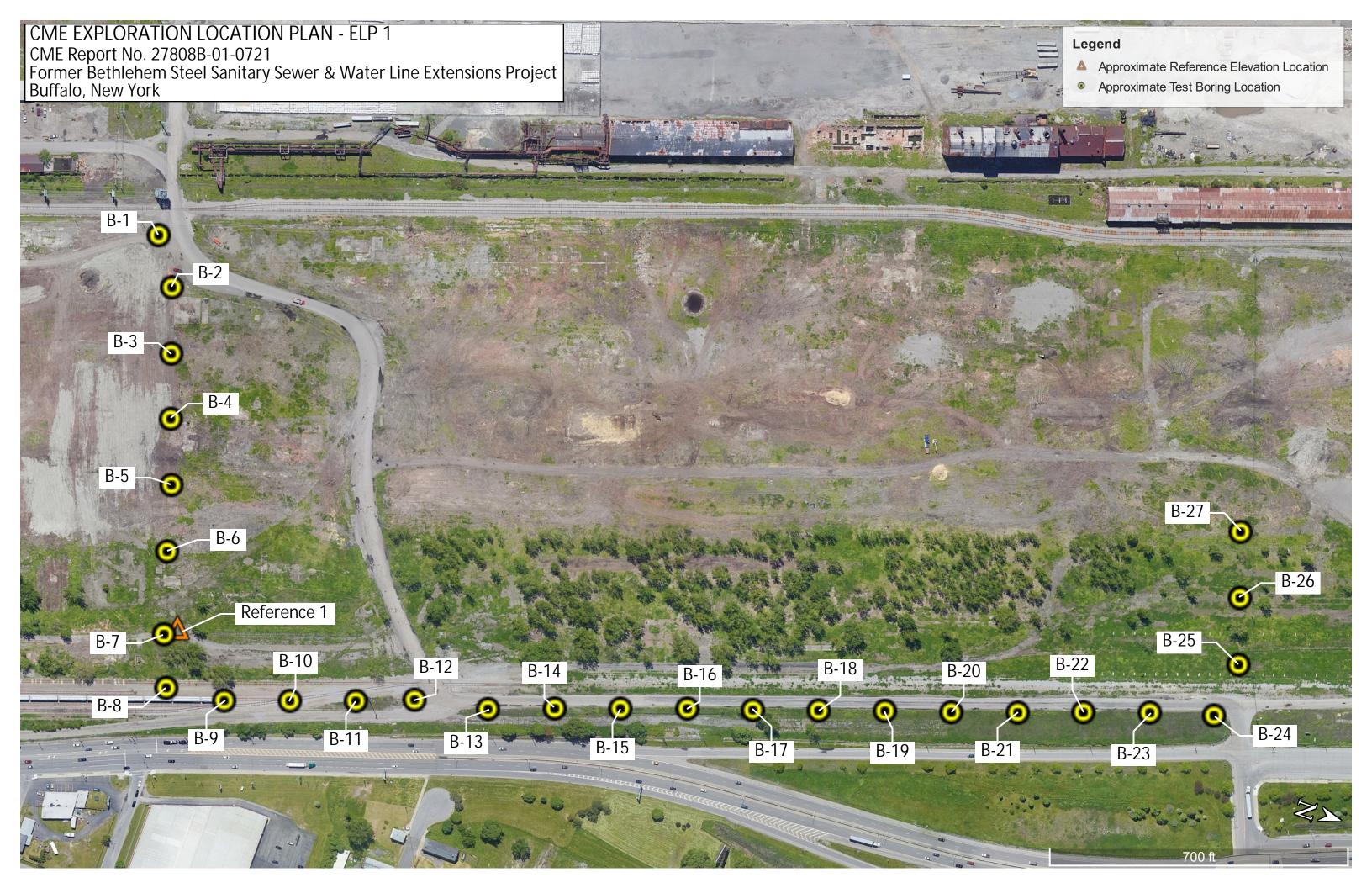
CME Exploration Location Plan ELP-1 (1 of 1)

GPS Coordinates and Elevations Table (1 of 1)

CME Subsurface Exploration Test Boring Logs (B-1 through B-27) (27 of 27)

General Information & Key to Test Boring Logs (4 of 4)





Attachment to CME Report No.: 27808B-01-0721

GPS Coordinates and Elevations Table Former Bethlehem Steel Sanitary Sewer & Water Line Extentions Project, Buffalo, New York

TABLE 1									
Boring ID Latitude Longitude Elevation									
B-1	42.81988254	-78.85289510	583.6						
B-2	42.82007270	-78.85250099	584.2						
B-3	42.82020810	-78.85194961	584.4						
B-4	42.82033916	-78.85140810	582.8						
B-5	42.82048216	-78.85086290	583.5						
B-6	42.82059492	-78.85030049	584.2						
B-7	42.82074892	-78.84960516	582.9						
B-8	42.82087329	-78.84916688	582.1						
B-9	42.82125194	-78.84922630	582.1						
B-10	42.82165225	-78.84941040	582.0						
B-11	42.82205331	-78.84959686	582.4						
B-12	42.82240832	-78.84977605	582.9						
B-13	42.82287415	-78.84990782	583.3						
B-14	42.82327878	-78.85010167	583.1						
B-15	42.82367907	-78.85028767	583.0						
B-16	42.82408655	-78.85047680	583.0						
B-17	42.82448806	-78.85065427	582.9						
B-18	42.82488947	-78.85083851	583.0						
B-19	42.82529317	-78.85102419	583.1						
B-20	42.82569861	-78.85120288	583.2						
B-21	42.82610329	-78.85138967	583.3						
B-22	42.82650112	-78.85157943	583.7						
B-23	42.82690528	-78.85176624	583.7						
B-24	42.82730218	-78.85192580	584.3						
B-25	42.82734138	-78.85241626	582.8						
B-26	42.82721010	-78.85297303	583.7						
B-27	42.82707682	-78.85352093	584.4						
Reference 1	42.82081296	-78.84967871	583.3						

Notes:

AMSL: Above Mean Sea Level

- 1. GPS coordinates were obtained utilizing a Spectra Precision Ranger 3 GPS survey equipment.
- 2. NYSDOT CORS positions are based on NAD 83 (2011).
- 3. Elevations are based on the North American Vertical Datum of 1988 (NAVD 1988).
- 4. Reference 1 refers to the center of sanitary sewer manhole northwest of test boring B-7.

				6035 Co	orporate Drive	CI	IDCLIDE	CE EX	XPLORATION	Boring No.	В	-1
		IVI			racuse, NY 13057	SU			Page No.			
	Asso	ciates	s, Inc.	-	315-701-0522		TEST BORING LOG				. 27808B-01-072	
Project	Name:	Former	Bethle	hem Stee	el Sanitary Sewer and W	ater Line	Extensions	Date Started	06/29/21			
Client:		C&S C			<u> </u>			<u> </u>	,	Date Finished	Date Finished 06/29/	
Location	n:	See Ex	ploratio	n Locati	on Plan, ELP-1					Surface Elev.	Surface Elev. 583.6	
METHODS OF INVESTIGATION									GROUNDWATER	OBSERVATIONS		
Driller:	r: John Winks Casing:				3¼" ID I	H.S.A.	D 4	TE*	D (1 (E())	<i>c</i> ·	A ((T))	
Driller:		Ryan Casatelli Casing Hammer:			Date Time		Depth (Ft.)	Casing	At (Ft.)			
Inspecto	r:	Other:				06/29/21	While Drilling	6.7'		.0'		
Drill Ri	g: CME 550X Soil Sampler:		2" OD Split Barrel		06/29/21	Before Casing Removed	19.6'	18	3.5'			
v 1		ATV Mounted		l	Hammer Wt:	140 lbs.		06/29/21	After Casing Removed	None Noted	C	ut
Rod Siz	AWJ			Hammer Fall:	30 in.		06/29/21	After Casing Removed	caved @ 5.9'	C	ut	
	LOG OF BORING SAMPLES VISUAL CLASSIFICATION OF MATERIAL										L	
Depth		Sample	Depth	T. /	Blows on	D 4 C	c -	coarse				SPT "N"
Scale	Sample	(F	-	Type / Sample	Sampler	Depth of Change		medium	and - 35 to 50	0% / some - 20 to 35	%	or
(Feet)	No.	From	To	Rec. (in.)	Per 6 Inches	(Ft.)	f	- fine	little - 10 to 2	20% / trace - 0 to 109		RQD %
0	1A	0.0	0.3	SS/13	4-5-100@5"	0.3			Material (moist)			100+
	1B	0.3	1.4				Miscellane	ous FILL	; Brown mf gravel, cmf	sand, silt, roots		
1							(moist)					
							Spoon refu	sal @ 1.4	"			
2	2	2.0	4.0	SS/19	58-36-35-19		Miscellane	ous FILL	; Brown/Grey cmf sand,	slag, silt, mf gra	ivel	71
							(moist)					
3												
							Miscellaneous FILL; Brown/Grey cmf sand, slag, silt (moist)					
4	3	4.0	6.0	SS/18	11-10-12-15							
5												
6	4	6.0	8.0	SS/17	7-5-10-28		Miscellaneous FILL; Grey/Brown slag, ash, cmf sand, silt (wet)					15
_												
7												
0	-	0.0	10.0	GG/20	11 10 25 40		D C.	.1 1	(A)			47
8	5	8.0	10.0	SS/20	11-12-35-42		Brown, Sir	niiar as ai	bove (wet)			47
9												
9												
10												
10						<u> </u>	 					
11												
**												
12												
13												
	6	13.5	15.0	SS/15	3-2-3		Brown CL	AY, some	SILT, trace ROOTS (n	noist, medium sti	iff)	5
14												
15												
16												
17												
18	_	10.5	200	00/11			a ~===	111 ~	GAND (8
10	7	18.5	20.0	SS/14	1-2-6		Grey SILT, little fine SAND (wet, stiff)					
19												

Boring No. B-2 6035 Corporate Drive SUBSURFACE EXPLORATION East Syracuse, NY 13057 Page No. 1 of 1 **TEST BORING LOG** Associates, Inc. Phone: 315-701-0522 Report No. 27808B-01-0721 Project Name: Former Bethlehem Steel Sanitary Sewer and Water Line Extensions Project, Buffalo, New York **Date Started** 06/29/21 Client: C&S Companies **Date Finished** 06/29/21 584.2' Location: See Exploration Location Plan, ELP-1 Surface Elev. METHODS OF INVESTIGATION **GROUNDWATER OBSERVATIONS** Driller: John Winks Casing: 31/4" ID H.S.A. **Date** Time Depth (Ft.) Casing At (Ft.) Driller: Ryan Casatelli **Casing Hammer:** 8.0' Inspector: 06/29/21 While Drilling None Noted Other: Drill Rig: 2" OD Split Barrel 06/29/21 Before Casing Removed 13.1 CME 550X Soil Sampler: 8.3 06/29/21 After Casing Removed None Noted Type: ATV Mounted Hammer Wt: 140 lbs. out AWJ **Rod Size:** Hammer Fall: 30 in. 06/29/21 After Casing Removed caved @ 3.3' out LOG OF BORING SAMPLES VISUAL CLASSIFICATION OF MATERIAL Sample Depth SPT "N" Depth Blows on c - coarse Type / Depth of (Ft.) and - 35 to 50% / some - 20 to 35% Scale Sample Sampler m - medium Sample Change То little - 10 to 20% / trace - 0 to 10% RQD % From Per 6 Inches f - fine (Feet) No. (Ft.) Rec. (in.) 2.0 SS/16 8-5-7-6 Miscellaneous FILL; Brown cmf sand, silt, mf gravel, concrete, 0 0.0 12 roots (moist) 1 2 2 SS/17 18-20-16-7 Miscellaneous FILL; Brown cmf sand, mf gravel, slag, silt, brick, 2.0 4.0 36 coal (moist) 3 4 3 4.0 6.0 SS/17 4-4-30-102 Miscellaneous FILL; Brown/Grey silt, concrete, cmf sand, mf 34 gravel, brick (moist) 5 Miscellaneous FILL; Brown slag, concrete, ash, silt, cmf sand 6 4 6.0 8.0 SS/14 22-8-8-7 16 (wet) 7 8 5 8.0 10.0 SS/5 3-1-1-1 Miscellaneous FILL; Brown concrete, silt, cmf sand (wet) 2 9 10 11 12 Auger refusal @ 13.1' on possible former concrete building 13 foundation Bottom of Boring @ 13.1' 14 15 16 17 18 19

Boring No. B-3 6035 Corporate Drive SUBSURFACE EXPLORATION East Syracuse, NY 13057 Page No. 1 of 1 **TEST BORING LOG** Associates, Inc. Phone: 315-701-0522 Report No. 27808B-01-0721 Project Name: Former Bethlehem Steel Sanitary Sewer and Water Line Extensions Project, Buffalo, New York **Date Started** 06/29/21 Client: C&S Companies **Date Finished** 06/29/21 584.4' Location: See Exploration Location Plan, ELP-1 Surface Elev. METHODS OF INVESTIGATION **GROUNDWATER OBSERVATIONS** Driller: John Winks Casing: 31/4" ID H.S.A. **Date** Time Depth (Ft.) Casing At (Ft.) Driller: Ryan Casatelli **Casing Hammer:** 8.0' Inspector: 06/29/21 While Drilling None Noted Other: Drill Rig: Soil Sampler: 2" OD Split Barrel 06/29/21 Before Casing Removed 16.3 CME 550X None Noted ATV Mounted 06/29/21 After Casing Removed None Noted Type: **Hammer Wt:** 140 lbs. out AWJ **Rod Size:** Hammer Fall: 30 in. 06/29/21 After Casing Removed caved @ 7.6' out LOG OF BORING SAMPLES VISUAL CLASSIFICATION OF MATERIAL Sample Depth SPT "N" Depth Blows on c - coarse Type / Depth of (Ft.) Scale Sample Sampler and - 35 to 50% / some - 20 to 35% m - medium Sample Change or From То little - 10 to 20% / trace - 0 to 10% RQD % Per 6 Inches f - fine (Feet) No. (Ft.) Rec. (in.) 0.0 2.0 SS/17 3-5-14-51 Miscellaneous FILL; Brown cmf sand, cmf gravel, silt, brick, roots, 0 19 plastic (moist) 1 2 2 2.0 **SS/8** 86-100@2" Miscellaneous FILL; Dark Brown/Black cmf sand, slag, metal 100 +2.7 pieces, mf gravel, silt, coal (moist) 3 Spoon refusal @ 2.7' **SS/8** 4 3 4.0 4.8 43-100@4" Miscellaneous FILL; Dark Brown cmf sand, slag, silt (moist) 100 +Spoon refusal @ 4.8' 5 6 4 6.0 8.0 SS/18 6-3-1-3 Miscellaneous FILL; Brown cmf sand, silt, wood (wet) 4 7 8 5 8.0 10.0 SS/15 3-4-2-3 Miscellaneous FILL; Dark Grey/Black silt, slag, wood (wet) 6 9 10 11 12 13 100+ 6 13.5 14.2 SS/8 75-100@2" Miscellaneous FILL; Grey concrete, silt (wet) Spoon refusal @ 14.2' on concrete. Augered through concrete 14 debris from 13.1' to 15.9'. 15 Auger refusal @ 16.3' on possible former concrete building foundation 16 Bottom of Boring @ 16.3' 17 18 19

				6035 C	orporate Drive	SI	IRSURE	ACE EX	YPI ORATION	Boring No.	В	-4	
		IVI			racuse, NY 13057	SUBSURFACE EXPLORATION TEST BORING LOG				Page No.	1 0	of 1	
	Asso	ciates	s, Inc.	-	315-701-0522		TEST	ROKI	Report No.	27808B	-01-0721		
Project	Name:	Former Bethlehem Steel Sanitary Sewer and Water Line Extensions Project, Buffalo, New York Date Started 06/28/2									8/21		
Client:		C&S Companies								Date Finished			
Location	1									Surface Elev. 582.8'			
2004102					INVESTIGATIO	N			GROUNDWATER				
Driller:							H.S.A.						
Driller:		8		Casing Hammer:	374 113 11.5.11.		Date	Time	Depth (Ft.) Cas		Casing At (Ft.)		
Inspecto	r.	TCyan C	asatem		Other:				While Drilling	4.6'	6	.0'	
Drill Rig		CME 5	50X		Soil Sampler:	2" OD Split Barrel		06/28/21 06/28/21	Before Casing Removed	15.0'		3.5'	
Type:	-		Jounted	ı	Hammer Wt:	140 lbs.		06/28/21	After Casing Removed	3.4'			
			Tounted	ı		30 in.		06/28/21	_			ut	
Kou Size					30 m.	X/T/		After Casing Removed	caved @ 3.7'		ut		
	LOG OF BORING SAMPLES VISUAL CLASSIFICATION OF MATERIAL									L			
Depth			Depth	Type /	Blows on	Depth of	c -	coarse				SPT "N"	
Scale	Sample	(F		Sample	Sampler	Change		medium		% / some - 20 to 35		or	
(Feet)	No.	From		Rec. (in.)	Per 6 Inches	(Ft.)		- fine		0% / trace - 0 to 100		RQD %	
0	1	0.0	1.2	SS/10	2-5-100@2"			ous FILL	; Brown cmf sand, slag,	mf gravel, silt, r	oots	100+	
							(moist)						
1													
2	2	2.0	4.0	SS/14	4-10-7-5		Miscellane	us FILL;	Grey/Brown concrete, b	rick, silt (moist)		17	
3													
4	3	4.0	6.0	SS/9	12-9-15-7		Miscellane	ous FILL	; Brown concrete, slag, l	brick, emf sand,	silt	24	
							(moist)		, ,	,			
5													
6	4	6.0	8.0	SS/14	13-11-8-11		Miscellaneous FILL; Grey concrete, slag, cmf sand, silt (wet)					20	
Ů	-	0.0							,,,,		,	_,	
7													
,													
8	5	8.0	10.0	SS/24	12-6-8-8		Miscellane	ous FILL	; Brown silt, cmf sand, b	orick slag (wet)		14	
O	3	0.0	10.0	55/21	12 0 0 0		TVIISCEITAITE	ous i ill	, Diowii siit, ciiii saiia, c	rick, slug (wee)		1.	
9													
10													
10													
11													
11													
12													
12													
13													
13	6	13.5	15.0	SS/14	8-6-5		Miscellana	ous FII I	; Dark Grey/Brown cond	erete slag briek	cmf	11	
14	U	13.3	13.0	33/17	0-0-3		sand, silt (v		, Dark Grey/Drown cond	cicic, siag, office	, ciiii	11	
14							Sand, Sin (V	wel)					
15													
13													
1.6													
16													
17													
17													
1.0													
18		10.7	20.0	00/5	2.2.2								
10	7	18.5	20.0	SS/5	3-2-2		Miscellaneous FILL; Dark Grey/Brown cmf sand, silt, slag (wet) 4						
19													

Boring No. B-5 6035 Corporate Drive SUBSURFACE EXPLORATION East Syracuse, NY 13057 Page No. 1 of 1 **TEST BORING LOG** Associates, Inc. Phone: 315-701-0522 Report No. 27808B-01-0721 Project Name: Former Bethlehem Steel Sanitary Sewer and Water Line Extensions Project, Buffalo, New York **Date Started** 06/28/21 Client: C&S Companies **Date Finished** 06/28/21 Surface Elev. 583.5' Location: See Exploration Location Plan, ELP-1 METHODS OF INVESTIGATION **GROUNDWATER OBSERVATIONS** Driller: John Winks 3¼" ID H.S.A. Casing: Date Time Depth (Ft.) Casing At (Ft.) Driller: Ryan Casatelli **Casing Hammer:** Inspector: 06/28/21 While Drilling 5.4' 6.0' Other: Drill Rig: Soil Sampler: 2" OD Split Barrel 06/28/21 Before Casing Removed 7.3 15.3 CME 550X ATV Mounted 06/28/21 After Casing Removed None Noted Type: Hammer Wt: 140 lbs. out AWJ **Rod Size:** Hammer Fall: 30 in. 06/28/21 After Casing Removed caved @ 3.5' out LOG OF BORING SAMPLES VISUAL CLASSIFICATION OF MATERIAL Sample Depth SPT "N" Depth Blows on c - coarse Type / Depth of (Ft.) and - 35 to 50% / some - 20 to 35% Scale Sample Sampler m - medium Sample Change or То RQD % From Per 6 Inches f - fine little - 10 to 20% / trace - 0 to 10% (Feet) No. (Ft.) Rec. (in.) 2.0 SS/15 12-9-14-5 Miscellaneous FILL; Grey/Brown concrete, slag, brick, cmf sand, 0 0.0 23 silt (moist) 1 2 2 2.0 SS/12 16-32-100@2" Miscellaneus FILL; Orange brick, concrete, silt, cmf sand, coal 100 +3.2 (moist) 3 **SS/8** 4 3 4.0 6.0 30-10-4-4 Miscellaneous FILL; Orange brick, concrete (wet) 14 5 6 4 6.0 8.0 SS/8 1-2-2-2 Miscellaneous FILL; Brown slag, metal, brick, cmf sand, silt, 4 roots (wet) 7 8 5 8.0 10.0 SS/17 4-31-4-5 Miscellaneous FILL; Grey concrete, brick, silt (wet) 35 9 10 11 12 13 100 +6 13.5 13.6 SS/1 100@1" Miscellaneous FILL; Grey concrete, cmf gravel, cmf sand, silt (wet) - Spoon refusal @ 13.6' 14 Auger refusal @ 15.3' on possible former concrete building 15 foundation Bottom of Boring @ 15.3' 16 17 18 19

Boring No. B-6 6035 Corporate Drive SUBSURFACE EXPLORATION East Syracuse, NY 13057 Page No. 1 of 1 **TEST BORING LOG** Associates, Inc. Phone: 315-701-0522 Report No. 27808B-01-0721 Project Name: Former Bethlehem Steel Sanitary Sewer and Water Line Extensions Project, Buffalo, New York **Date Started** 06/28/21 Client: C&S Companies **Date Finished** 06/28/21 See Exploration Location Plan, ELP-1 Surface Elev. 584.2' Location: METHODS OF INVESTIGATION **GROUNDWATER OBSERVATIONS** Driller: John Winks 3¼" ID H.S.A. Casing: Date Time Depth (Ft.) Casing At (Ft.) Driller: Ryan Casatelli **Casing Hammer:** Inspector: Other: 06/28/21 While Drilling None Noted 2.0' Drill Rig: **CME 550X** Soil Sampler: 2" OD Split Barrel 06/28/21 Before Casing Removed 3.5 None Noted Hammer Wt: 06/28/21 After Casing Removed None Noted Type: ATV Mounted 140 lbs. out AWJ **Rod Size:** Hammer Fall: 30 in. 06/28/21 After Casing Removed caved @ 1.3' out LOG OF BORING SAMPLES VISUAL CLASSIFICATION OF MATERIAL Sample Depth SPT "N" Depth Blows on c - coarse Type / Depth of (Ft.) Scale Sampler and - 35 to 50% / some - 20 to 35% Sample m - medium Sample Change То little - 10 to 20% / trace - 0 to 10% RQD % From Per 6 Inches f - fine (Feet) No. (Ft.) Rec. (in.) 1.2 3-17-100@3" Miscellaneous FILL; Brown asphalt pieces, cmf sand, concrete, 0 0.0 SS/12 100 +brick, mf gravel, silt (moist) 1 2 2 2.0 2.2 SS/2 100@2" Miscellaneous FILL; Grey concrete (moist) Spoon refusal on concrete @ 2.2' 3 Auger refusal @ 3.5' on concrete. See remark 1. Bottom of Boring @ 3.5' 4 5 6 7 8 10 11 12 13 14 15 16 17 18 19

SS - Split Spoon, U - Undisturbed Tube, C - Core, WH - Weight of Hammer + Rod, WR - Weight of Rod

Remarks: 1. Offset boring 5.0' to south, auger refusal @ 3.0' on concrete. Offset boring 5.0' west of original boring, auger refusal @

1.5' on concrete. Boring terminated due to location likely being a former building pad.

Boring No. B-7 6035 Corporate Drive SUBSURFACE EXPLORATION East Syracuse, NY 13057 Page No. 1 of 1 **TEST BORING LOG** Associates, Inc. Phone: 315-701-0522 Report No. 27808B-01-0721 Project Name: Former Bethlehem Steel Sanitary Sewer and Water Line Extensions Project, Buffalo, New York **Date Started** 06/28/21 Client: C&S Companies **Date Finished** 06/28/21 See Exploration Location Plan, ELP-1 Surface Elev. 582.9' Location: METHODS OF INVESTIGATION **GROUNDWATER OBSERVATIONS** Driller: John Winks 3¼" ID H.S.A. Casing: Date Time Depth (Ft.) Casing At (Ft.) Driller: Ryan Casatelli **Casing Hammer:** Inspector: Other: 06/28/21 While Drilling None Noted 2.0' Drill Rig: **CME 550X** Soil Sampler: 2" OD Split Barrel 06/28/21 Before Casing Removed None Noted 2.0' Hammer Wt: 140 lbs. 06/28/21 After Casing Removed N/A N/A Type: ATV Mounted AWJ **Rod Size:** Hammer Fall: 30 in. 06/28/21 After Casing Removed N/A N/A LOG OF BORING SAMPLES VISUAL CLASSIFICATION OF MATERIAL Sample Depth SPT "N" Depth Blows on c - coarse Type / Depth of (Ft.) Scale Sample Sampler and - 35 to 50% / some - 20 to 35% m - medium Sample Change From То little - 10 to 20% / trace - 0 to 10% RQD % Per 6 Inches (Ft.) f - fine (Feet) No. Rec. (in.) $0.\overline{0}$ Miscellaneous FILL; Grey concrete, silt (moist) 0.4 SS/5 100@5" 100 +0 Augered through concrete from 0.5' to 1.5'. See remark 1. 1 2 2 2.0 4.0 SS/2 6-2-1-1 Grey concrete Spoon broke through concrete ~ 2.0' below grade, revealing a 3 void space ~ 3.5' deep. Appears to be possible basement area below a concrete pad. Backfilled to extent possible and sealed 4 hole with concrete plug. Bottom of Boring @ 4.0' 5 6 7 8 10 11 12 13 14 15 16 17 18 19

SS - Split Spoon, U - Undisturbed Tube, C - Core, WH - Weight of Hammer + Rod, WR - Weight of Rod

Remarks: 1. Offset boring 12.0' to south of original boring, hit concrete again just below grade. Offset boring second time, 12.0' north of original boring.

					orporate Drive	SU	JBSURFA	ACE EX	KPLORATION	Boring No.		3-8
				-	racuse, NY 13057		TEST	RORI	NG LOG	Page No.		of 1
	Asso	ciates	s, Inc.	Phone:	315-701-0522		11201	DOM	NG LOG	Report No.	27808B	-01-0721
Project 1					el Sanitary Sewer and W	ater Line	Extensions	Project, Bu	uffalo, New York	Date Started	06/2	28/21
Client:			ompan							Date Finished	06/2	28/21
Location	ı:				on Plan, ELP-1					Surface Elev.		2.1'
		ME	THO	DS OF	INVESTIGATIO	N			GROUNDWATER	OBSERVAT	IONS	
Driller:		John W	/inks		Casing:	3¼" ID I	H.S.A.	Data	Time	Depth (Ft.)	Cosina	At (Ft.)
Driller:		Ryan C	Casatelli	i	Casing Hammer:			Date	Time	Depth (Ft.)	Casing	At (Ft.)
Inspecto	r:				Other:			06/28/21	While Drilling	None Noted	8	.0'
Drill Rig	;:	CME 5	550X		Soil Sampler:	2" OD S	plit Barrel	06/28/21	Before Casing Removed	None Noted	1	8.5'
Type:		ATV N	Nounted	l	Hammer Wt:	140 lbs.		06/28/21	After Casing Removed	3.5'	C	out
Rod Size		AWJ			Hammer Fall:	30 in.		06/28/21	After Casing Removed	caved @ 9.3'	(out
	LO	G OF	BORI	ING SA	AMPLES		VIS	SUAL C	LASSIFICATION C	F MATERIA	L	
Depth		Sample	Depth		Blows on		0	coarse				SPT "N"
Scale	Sample	(F	-	Type / Sample	Sampler	Depth of Change		medium	and - 35 to 50	% / some - 20 to 35	%	or or
(Feet)	No.	From	To	Rec. (in.)	Per 6 Inches	(Ft.)		- fine		0% / trace - 0 to 109		RQD %
0	1	0.0	2.0	SS/16	6-8-7-4		Miscellane	ous FILL	; Dark Brown cmf sand,	slag, silt, clay, c	coal	15
							(moist)		,	C , , ,		
1												
2	2	2.0	4.0	SS/16	8-10-10-8		Miscellane	ous FILL	; White/Grey slag, ash, s	silt (wet)		20
										, ,		
3												
											- — - —	1
4	3	4.0	6.0	SS/15	3-3-5-4		FILL; Grey	clay, cm	of gravel, silt, cmf sand (moist)		8
								•		,		
5												
6	4	6.0	8.0	SS/15	2-2-2-2		FILL; Dark	Brown s	silt, fine sand, roots (moi	st)		4
7												
8	5	8.0	10.0	SS/10	2-5-3-3		FILL; Grey	cmf grav	vel, silt, cmf sand (moist)		8
9												
10												
11												
12												
13												
	6	13.5	15.0	SS/7	3-2-2		FILL; Grey	grav	vel, clay, silt, cmf sand (wet)		4
14												
15												
16												
							<u> </u>]
17												
18					2							
	7	18.5	20.0	SS/18	8-10-11		Grey SILT	, trace fin	e SAND (wet, very stiff))		21
19												

		M	F		orporate Drive	SU	J BSURF A	ACE EX	KPLO	ORATION	Boring No.		8-9
	Assi	ciates	Inc	-	racuse, NY 13057		TEST	BORI	NG I	LOG	Page No.		of 1
	_			T Honer.	315-701-0522						Report No.		-01-0721
Project Client:	Name:				el Sanitary Sewer and V	Vater Line	e Extensions	Project, Bi	uffalo,	, New York	Date Started Date Finished		24/21 24/21
Location		C&S C	_		ion Plan, ELP-1						Surface Elev.		
Location	1;				INVESTIGATIO	N			CP	ROUNDWATER			2.1'
Driller:		John W		DS OF	Casing:	3¼" ID l	ΔР		J	CONDWATER	ODSERVAI		
Driller:			Casatelli	i	Casing Hammer:	3/4 ID I	11.5.71.	Date		Time	Depth (Ft.)	Casing	At (Ft.)
Inspecto	r:	Ttyun C	ousure 111	•	Other:			06/24/21		While Drilling	13.0'	1.	3.5'
Drill Ri		CME 5	50X		Soil Sampler:	2" OD S	plit Barrel	06/24/21		ore Casing Removed	None Noted		8.5'
Type:		ATV N	Iounted	1	Hammer Wt:	140 lbs.	-	06/24/21		er Casing Removed	5.8'	C	out
Rod Siz		AWJ			Hammer Fall:	30 in.		06/24/21	Afte	er Casing Removed	caved @ 11.5'	C	out
	LO	G OF	BOR	ING SA	AMPLES		VIS	SUAL C	LAS	SIFICATION C	F MATERIA	L	
Depth		Sample	Depth	Type /	Blows on	Depth of	c -	coarse					SPT "N"
Scale	Sample	(F	t.)	Sample	Sampler	Change		medium		and - 35 to 50	% / some - 20 to 35	%	or
(Feet)	No.	From	To	Rec. (in.)	Per 6 Inches	(Ft.)		- fine			0% / trace - 0 to 109		RQD %
0	1	0.0	2.0	SS/15	4-7-5-6		Miscellane	ous FILL	; Darl	k Brown/Grey slag	, cmf sand, silt (moist)	12
4													
1						 — - —	 -						.
2	2	2.0	4.0	SS/15	12-12-9-7		EILL Grov	r/Droum o	alore o	silt, mf gravel, cmf	and (maist)		21
2	2	2.0	4.0	33/13	12-12-9-7		FILL, GIES	// BIOWII C	lay, s	siit, iiii gravei, ciiii	sand (moist)		21
3													
3													
4	3	4.0	6.0	SS/13	3-4-4-5		FILL: Grey	z clav. cm	ıf grav	vel, silt, cmf sand (1	moist)		8
			0.0					,, ,	- 6	,, (,		
5													
6	4	6.0	8.0	SS/13	4-6-4-5		FILL; Grey	cmf grav	vel, cl	lay, silt, cmf sand (1	moist)		10
_													
7													
8	5	8.0	10.0	SS/14	3-4-4-5		Similar as a	nhova (m	oist)				8
O	3	8.0	10.0	33/14	3-4-4-3		Sillillal as	above (III	0151)				0
9													
10													
						l							
11													
10													
12													
13													
13	6	13.5	15.0	SS/15	4-2-2		Grey/Brow	m CI AV	some	e SILT, trace fine S	SAND (wet med	lium	4
14	O	13.3	13.0	55/15	4-2-2		stiff)	ii CLA i ,	SOIIIC	c SIL1, trace fine s	AND (wei, med	iluili	
1.							Still)						
15													
16													
17													
10													
18	7	18.5	20.0	SS/17	5-8-11		Gray/Daa	m CII T 1	;#1~ £	ina CAND topas C	I AV (wat was-	ctiff)	19
19	/	16.3	∠0.0	33/1/	3-8-11		Grey/Brow	n Sill, l	ime I	ine SAND, trace C	LAI (wei, very	sum)	19
17													
20							D # 6	D . \circ	20.0				+

	C	M	F		orporate Drive	SU	J BSURF A	ACE EX	KPLO	PRATION	Boring No.		-10 of 1
	Asso	ciates	. Inc.		racuse, NY 13057 315-701-0522		TEST	BORI	NG L	.OG	Page No. Report No.		B-01-0721
D				T Honer.		7 4 1	F	D : 4 D	CC 1 3	AT 37 1	_		
Project Client:	Name:	C&S C			el Sanitary Sewer and W	ater Line	Extensions	Project, Bi	uffalo, I	New York	Date Started Date Finished		24/21 24/21
Location			•		ion Plan, ELP-1						Surface Elev.		32.0'
Location	11.				INVESTIGATIO	N			GRO	OUNDWATER			52.0
Driller:		John W		00 01	Casing:	3¼" ID I	H.S.A.						
Driller:			Casatelli	i	Casing Hammer:			Date		Time	Depth (Ft.)	Casing	g At (Ft.)
Inspecto	r:	,			Other:			06/24/21	V	While Drilling	None Noted	8	3.0'
Drill Ri	g:	CME 5	50X		Soil Sampler:	2" OD S	plit Barrel	06/24/21		e Casing Removed	None Noted	1	8.5'
Type:		ATV N	Nounted	1	Hammer Wt:	140 lbs.		06/24/21	After	Casing Removed	None Noted	(out
Rod Siz		AWJ			Hammer Fall:	30 in.		06/24/21	After	Casing Removed	caved @ 11.9'	(out
	LO	G OF	BOR	ING SA	AMPLES		VIS	SUAL C	LASS	SIFICATION C	F MATERIA	L	
Depth		Sample	Depth	Type /	Blows on	Depth of	c -	coarse					SPT "N"
Scale	Sample	(F		Sample	Sampler	Change		medium			% / some - 20 to 35		or
(Feet)	No.	From	То	Rec. (in.)	Per 6 Inches	(Ft.)		- fine			0% / trace - 0 to 109		RQD %
0	1	0.0	2.0	SS/16	7-9-11-10				; Brow	n/Grey cmf sand,	slag, cmf gravel	l, silt,	20
							coal (moist	:)					
1													
2	2	2.0	4.0	SS/16	10-11-17-12		Missallono	ous EILL	. Cass	amefaand amefam		·+)	28
2	2	2.0	4.0	33/10	10-11-1/-12		Miscenane	ous FILL	; Grey	cmf sand, cmf gra	avei, siag, siit (w	/et)	28
3													
3							 						1
4	3	4.0	6.0	SS/14	5-4-5-9		FILL: Grey	zelav em	of grave	el, silt, cmf sand (moist)		9
	3	1.0	0.0	55/11	3 1 3 7		Tibb, Gie,	ciay, ciii	n grave	or, orre, crim barra (moisty		
5													
6	4	6.0	8.0	SS/19	6-5-4-5		FILL; Grey	clay, cm	ıf grave	el, silt, cmf sand (1	moist)		9
							Rewoked N	<i>laterial</i>					
7													
8	5	8.0	10.0	SS/17	3-3-5-5		FILL; Grey	clay, mf	gravel	l, silt, cmf sand (m	noist)		8
0													
9													
10													
10													
11													
12													
13													
	6	13.5	15.0	SS/18	2-1-2				trace v	voody ORGANIC	MATERIAL, t	race	3
14							SILT (mois	st, soft)					
1.5													
15													
16													
16						<u> </u>							
17													
1/													
18													
	7	18.5	20.0	SS/18	4-4-9		Grey SILT	, little cm	f SAN	D (wet, stiff)			13
19													
20				•				D 🙆	20.01				

Boring No. B-11 6035 Corporate Drive SUBSURFACE EXPLORATION East Syracuse, NY 13057 Page No. 1 of 1 **TEST BORING LOG** Associates, Inc. Phone: 315-701-0522 Report No. 27808B-01-0721 Project Name: Former Bethlehem Steel Sanitary Sewer and Water Line Extensions Project, Buffalo, New York **Date Started** 06/24/21 Client: C&S Companies **Date Finished** 06/24/21 Surface Elev. 582.4' Location: See Exploration Location Plan, ELP-1 METHODS OF INVESTIGATION **GROUNDWATER OBSERVATIONS** Driller: John Winks Casing: 31/4" ID H.S.A. Date Time Depth (Ft.) Casing At (Ft.) Driller: Ryan Casatelli **Casing Hammer:** 3.3' Inspector: 06/24/21 While Drilling 4.0' Other: Drill Rig: Soil Sampler: 2" OD Split Barrel 06/24/21 Before Casing Removed None Noted 18.5 CME 550X 06/24/21 After Casing Removed Type: ATV Mounted Hammer Wt: 140 lbs. out AWJ **Rod Size:** Hammer Fall: 30 in. 06/24/21 After Casing Removed caved @ 12.1' out LOG OF BORING SAMPLES VISUAL CLASSIFICATION OF MATERIAL Sample Depth SPT "N" Depth Blows on c - coarse Type / Depth of (Ft.) and - 35 to 50% / some - 20 to 35% Scale Sample Sampler m - medium Sample Change or То little - 10 to 20% / trace - 0 to 10% RQD % From Per 6 Inches f - fine (Feet) No. (Ft.) Rec. (in.) 2.0 SS/15 2-9-11-12 Miscellaneous FILL; Brown/Grey silt, cmf gravel, cmf sand, slag, 0 0.0 20 coal, roots (moist) 1 2 2 2.0 SS/12 9-10-8-6 Miscellaneous FILL; Grey silt, slag, cmf sand, coal (moist) 18 4.0 3 4 3 4.0 6.0 SS/10 9-10-5-4 FILL; Grey clay, mf gravel, silt, cmf sand, roots, organic material 15 5 6 4 6.0 8.0 SS/0 6-8-9-5 Miscellaneous FILL; Grey clay, slag, mf gravel, silt, cmf sand (wet) 17 See remark 1 7 FILL; Grey/Brown clay, cmf gravel, silt, cmf sand (moist) 8 5 8.0 10.0 SS/13 2-2-2-2 4 Rewoked Material 9 10 11 12 13 6 13.5 15.0 SS/18 1-2-2 Dark Brown PEAT, little woody ORGANIC MATERIAL, trace 14 SILT (moist, medium stiff) 15 16

Grey SILT, little CLAY, trace fine SAND (wet, stiff)

Bottom of Boring @ 20.0'

8

SS - Split Spoon, U - Undisturbed Tube, C - Core, WH - Weight of Hammer + Rod, WR - Weight of Rod

Remarks: 1. No recovery with a 2" split spoon, therefore a 3" split spoon was utilized.

2-3-5

17

18

19

7

18.5

20.0 SS/18

				6035 C	orporate Drive	SI	IRSURF	ACE EX	XPLORATION	Boring No.	В-	-12
		IV		East Sy	racuse, NY 13057					Page No.	1 (of 1
	A sso	ciates	s, Inc.		315-701-0522		IESI	BOKI	NG LOG	Report No.	27808B	-01-0721
Project	Name:	Former	Bethle	hem Ste	el Sanitary Sewer and V	Vater Line	e Extensions	Project, Bi	uffalo, New York	Date Started	06/2	24/21
Client:		C&S C			•			<u> </u>	,	Date Finished	06/2	24/21
Location	n:	See Ex	ploratio	n Locati	on Plan, ELP-1					Surface Elev.	58	2.9'
					INVESTIGATIO	N			GROUNDWATER	OBSERVAT		
Driller:		John W	/inks		Casing:	3¼" ID I	H.S.A.		I			A (T.)
Driller:		Ryan C	Casatelli		Casing Hammer:			Date	Time	Depth (Ft.)	Casing	At (Ft.)
Inspecto	r:	•			Other:			06/24/21	While Drilling	None Noted	8	.0'
Drill Ri		CME 5	50X		Soil Sampler:	2" OD S	plit Barrel	06/24/21	Before Casing Removed	None Noted	18	3.5'
Туре:	_	ATV N	Iounted	l	Hammer Wt:	140 lbs.	•	06/24/21	After Casing Removed	None Noted		ut
Rod Size		AWJ			Hammer Fall:	30 in.		06/24/21	After Casing Removed	caved @ 11.9'	0	ut
			BORI	NG SA	AMPLES		VIS		LASSIFICATION C		L	
Donath			Depth									SPT "N"
Depth Scale	Sample	(F		Type /	Blows on Sampler	Depth of	_	coarse medium	and 35 to 50	0% / some - 20 to 359	0/2	or
(Feet)	No.	From	То	Sample Rec. (in.)	Per 6 Inches	Change (Ft.)		- fine		20% / trace - 0 to 109		RQD %
0	1	0.0	2.0	SS/19	35-27-16-14	(= 1.)			; Dark Brown asphalt pi			43
Ů	-	0.0	2.0	22,17	20 27 10 1.		mf gravel,			g, e	,	
1							B,	(-)			
-												
2	2	2.0	4.0	SS/17	13-18-21-15		 Miscellane	ous FILL	; Grey/White slag, cmf s	sand. silt (wet)		39
-	_	2.0	1.0	55/17	13 10 21 13		TVIISCOTIUMC	ous i ill	, Grey white stag, emi	saira, siir (wer)		37
3												
3						<u> </u>						
4	3	4.0	6.0	SS/18	4-3-4-4		FILL Grev	/Brown c	clay, cmf gravel, silt, cm	f sand roots (mo	nist)	7
-	3	4.0	0.0	55/10	7 3 7 7		Tibe, Grey	// DIOWII C	nay, emi graver, siit, em	r sand, roots (me	130)	,
5												
3												
6	4	6.0	8.0	SS/15	4-4-3-4		FILL: Grey	/Brown c	clay, cmf gravel, silt, cm	f sand (moist)		7
Ü	·	0.0	0.0	55/15			l ibb, oie,	, Bio viii c	ray, emi graver, em	r surre (moist)		,
7												
,												
8	5	8.0	10.0	SS/10	2-2-2-2		FILL: Grey	zemf grav	vel, clay, silt, cmf sand (moist)		4
Ü		0.0	10.0	22/10			122, 910)	, only gran	()	1110100)		·
9												
10												
11												
12												
13												
_	6	13.5	15.0	SS/8	1-2-2		Brown/Gre	y CLAY.	little SILT, little PEAT	, trace mf GRAV	/EL,	4
14								•	oist, medium stiff)	,	,	
								(,			
15												
16												
17												
18												
	7	18.5	20.0	SS/5	4-6-11		Grey CLA	Y, little S	ILT, trace cmf SAND (v	wet, very stiff)		17
19								-		. ,		
• •	1			l		1	l					

				6035 C	orporate Drive	SI	IRSURFA	ACE EX	XPLORATION	Boring No.	В	-13
		IV		East Sy	racuse, NY 13057					Page No.	1	of 1
	A SSC	ciates	s, Inc.	Phone:	315-701-0522		IESI	BOKI	NG LOG	Report No.	27808B	-01-0721
Project 1	Name:	Former	Bethle	hem Ste	el Sanitary Sewer and W	ater Line	Extensions	Project, Bi	uffalo, New York	Date Started	06/2	23/21
Client:			ompani		<u> </u>			<u> </u>	•	Date Finished		24/21
Location	1:	See Ex	ploratio	n Locati	on Plan, ELP-1					Surface Elev.	58	3.3'
	-				INVESTIGATIO	N			GROUNDWATER			
Driller:		John W			Casing:	3¼" ID I	H.S.A.					
Driller:			Casatelli		Casing Hammer:	<i>574</i> 12 1		Date	Time	Depth (Ft.)	Casing	At (Ft.)
Inspecto	r:	rtyun c	ousure 111	_	Other:			06/23/21	While Drilling	None Noted	8	.0'
Drill Rig		CME 5	50X		Soil Sampler:	2" OD S	plit Barrel	06/24/21	Before Casing Removed	11.4'		3.5'
Type:	-		Mounted	ı	Hammer Wt:	140 lbs.	pin Builei	06/24/21	After Casing Removed	None Noted		out
Rod Size		AWJ	Touritee	•	Hammer Fall:	30 in.		06/24/21	After Casing Removed	caved @ 8.7'		out
Rou Sizi			P ∩DI	INC S	AMPLES	J0 III.	VI		LASSIFICATION C			, ut
	LO			110 57	AWII LES		V 1)	SUAL C	LASSIFICATION	T MATERIA	ıL.	1
Depth			Depth	Type /	Blows on	Depth of		coarse				SPT "N"
Scale	Sample	(F		Sample	Sampler	Change		medium		% / some - 20 to 35		or
(Feet)	No.	From	To	Rec. (in.)	Per 6 Inches	(Ft.)		- fine		0% / trace - 0 to 109		RQD %
0	1	0.0	2.0	SS/15	2-15-49-45			ous FILL	; Brown cmf sand, mf gr	avel, silt, slag, r	oots	64
							(moist)					
1												
2	2	2.0	4.0	SS/17	14-14-22-35			ous FILL	; Dark Brown cmf sand,	slag, fine gravel	l, silt	36
							(moist)					
3						l	L					
4	3	4.0	6.0	SS/15	14-6-8-10		FILL; Grey	/Brown s	silt, mf gravel, clay, cmf	sand (moist)		14
5												
6	4	6.0	8.0	SS/17	7-8-8-8		FILL; Grey	/Brown c	clay, cmf gravel, silt, cm	f sand (moist)		16
7												
						[<u> </u>	[
8	5	8.0	10.0	SS/12	5-8-7-5		Miscellane	ous FILL	; Grey/Brown clay, cmf	gravel, slag, silt,	, cmf	15
							sand (mois	t)				
9												
10												
11						[—-—	[
12												
13												
	6	13.5	15.0	SS/18	2-1-2		Brown woo	ody ORG	ANIC MATERIAL, son	ne SILT, trace Pl	EAT	3
14							(moist, soft	•	,	,		
							,	,				
15												
16												
												
17												
1,												
18												
10	7	18.5	20.0	SS/16	3-5-10		Grev/Brow	m SILT 1	ittle fine SAND (wet, ve	ery stiff)		15
19	′	10.5	20.0	55/10	3 3 10		JION DIOW	0111,1	imo imo britib (wei, ve	., 50111)		1.5
17												
						1	<u> </u>		• • • • •			

Fast Syracuse, NY 13057 Page No. 1 of 1					6035 Co	orporate Drive	SI	IRSURF	ACE EX	XPLORATION	Boring No.	B-	-14
Project Name Commerce Bubblems Passes Pa			IV		East Sy	racuse, NY 13057						1 (of 1
Project Name: Corners Bethlems Steel Susings Seed and Wolfer Line Extensions Project, Buffulo, New York Date Flished 06/23/21		A sso	ciates	s, Inc.				TEST	ROKI	NG LOG	Report No.	27808B	-01-0721
Client Class Client Class Client Class Client Class Client Clien	Project	Name:	Former	· Bethle	hem Ste	el Sanitary Sewer and W	Vater Line	e Extensions	Project, B	uffalo, New York	Date Started	06/2	23/21
									j ,				
Methods Casing				•		ion Plan, ELP-1							
Defiller Defiller Defiller Defiller Defiler	Locution						N			GROUNDWATER			J.12
Definite Casing Hammer Other O	Driller:							H S A					
Importing Call Sold Sound Sold Sound Sold Sold Sound Sold						_	3/4 10 1	11.5.71.	Date	Time	Depth (Ft.)	Casing	At (Ft.)
Drill Right CME SOX Mampler: AW Mammer Wit 140 lbs. 160 23/21 After Casing Removed Mone Noted Mone		ır•	reyuii e	Jusuiciii		-			06/23/21	While Drilling	None Noted	8	0'
Type Part	_		CMF 5	50X			2" OD S	Inlit Rarrel					
Note		_			1			^		·			
Depth Sample Sa				Tourne									
Depth Sample Sample Price Pr	Kou Siz			DΛDI	INC S		30 III.	1/1			Ú		ut
Scale CFest No.		LU			ING SE	AIVIT LES		V 15	SUAL C	LASSIFICATION C) F MIATENIA	.L	
Sample New Sample New New	-				Type /		Depth of	c -	coarse				SPT "N"
1		-			Sample	_	_						
1							(Ft.)						
1	0	1	0.0	2.0	SS/20	5-22-53-34				; Dark Brown cmf sand,	slag, mf gravel,	silt,	75
2								roots (mois	st)				
Serve Grey/Brown clay, mf gravel, silt, slag, cmf 15	1												
Serve Grey/Brown clay, mf gravel, silt, slag, cmf 15													
3	2	2	2.0	4.0	SS/20	18-22-27-37		Miscellane	ous FILL	; Grey/Brown cmf sand,	slag, silt, coal, f	ine	49
A								gravel (mo	ist)				
Sand (moist) Sand	3												
Sand (moist) Sand													
Sand (moist) Sand	4	3	4.0	6.0	SS/16	18-7-8-10		Miscellane	ous FILL	; Grey/Brown clay, mf g	ravel, silt, slag,	cmf	15
5 6 4 6.0 8.0 SS/19 9-16-10-9 FILL; Grey/Brown clay, cmf gravel, silt, cmf sand (moist) 26 7 8 5 8.0 10.0 SS/10 4-5-6-8 FILL; Grey/Brown cmf gravel, clay, silt, cmf sand (moist) 11 9 10 11 12 13 14 6 13.5 15.0 SS/18 1-2-3 Dark Brown PEAT, some woody ORGANIC MATERIAL, trace SILT (moist, medium stiff) 5 16 17 18 7 18.5 20.0 SS/18 4-5-8 Grey/Brown SILT, little fine SAND (wet, stiff) 13										, , , , , ,	, , , 8,		
6	5								,				
7													
7	6	4	6.0	8.0	SS/19	9-16-10-9		FILL: Grey	/Brown o	clay, cmf grayel, silt, cm	f sand (moist)		26
8 5 8.0 10.0 SS/10 4-5-6-8 FILL; Grey/Brown cmf gravel, clay, silt, cmf sand (moist) 11 12 13 14 6 13.5 15.0 SS/18 1-2-3 Dark Brown PEAT, some woody ORGANIC MATERIAL, trace 5 SILT (moist, medium stiff) 5 16 17 18 7 18.5 20.0 SS/18 4-5-8 Grey/Brown SILT, little fine SAND (wet, stiff) 13			0.0	0.0		,		,,		··, · <i>B</i> -··· ·-,,	()		_ ~
8 5 8.0 10.0 SS/10 4-5-6-8 FILL; Grey/Brown cmf gravel, clay, silt, cmf sand (moist) 11 10 11 12 13 14 6 13.5 15.0 SS/18 1-2-3 Dark Brown PEAT, some woody ORGANIC MATERIAL, trace SILT (moist, medium stiff) 5 16 17 18 7 18.5 20.0 SS/18 4-5-8 Grey/Brown SILT, little fine SAND (wet, stiff) 13	7												
9 10 11 12 13 6 13.5 15.0 SS/18 1-2-3 Dark Brown PEAT, some woody ORGANIC MATERIAL, trace 5 SILT (moist, medium stiff) 5 16 17 18 7 18.5 20.0 SS/18 4-5-8 Grey/Brown SILT, little fine SAND (wet, stiff) 13	,												
9 10 11 12 13 6 13.5 15.0 SS/18 1-2-3 Dark Brown PEAT, some woody ORGANIC MATERIAL, trace 5 SILT (moist, medium stiff) 5 16 17 18 7 18.5 20.0 SS/18 4-5-8 Grey/Brown SILT, little fine SAND (wet, stiff) 13	8	5	8.0	10.0	SS/10	4-5-6-8		FILL Grey	/Brown c	emf gravel clay silt cm	f sand (moist)		11
10	O	3	0.0	10.0	55/10	1300		l'iEE, Gie,	"BIOWII C	min graver, eray, sint, em	r sana (moist)		11
10	Q												
11													
11	10												
12	10												
12	11												
13 6 13.5 15.0 SS/18 1-2-3 Dark Brown PEAT, some woody ORGANIC MATERIAL, trace SILT (moist, medium stiff) 5 15 16 17 18.5 20.0 SS/18 4-5-8 Grey/Brown SILT, little fine SAND (wet, stiff) 13	11												
13 6 13.5 15.0 SS/18 1-2-3 Dark Brown PEAT, some woody ORGANIC MATERIAL, trace 5 SILT (moist, medium stiff) 15 16 17 18 7 18.5 20.0 SS/18 4-5-8 Grey/Brown SILT, little fine SAND (wet, stiff) 13	12												
14	12												
14	12												
SILT (moist, medium stiff)	13	6	12.5	15.0	QQ/10	1 2 2		Dark Dear	т БЕУТ	some woody ODC ANIC	MATEDIAI 4	race	5
15	1.4	O	13.3	13.0	33/10	1-2-3				•	MATERIAL, i	race	3
16	14							SILI (mois	st, meaiur	n stiff)			
16	1.5												
17	15												
17	1.0												
18 7 18.5 20.0 SS/18 4-5-8 Grey/Brown SILT, little fine SAND (wet, stiff) 13	16							<u> </u>					
18 7 18.5 20.0 SS/18 4-5-8 Grey/Brown SILT, little fine SAND (wet, stiff) 13													
7 18.5 20.0 SS/18 4-5-8 Grey/Brown SILT, little fine SAND (wet, stiff) 13	17												
7 18.5 20.0 SS/18 4-5-8 Grey/Brown SILT, little fine SAND (wet, stiff) 13													
	18												
		7	18.5	20.0	SS/18	4-5-8		Grey/Brow	n SILT, 1	ittle fine SAND (wet, sti	iff)		13
	19												
· · · · · · · · · · · · · · · · · · ·													

			F		orporate Drive	SU	JBSURFA	ACE EX	XPLO	RATION	Boring No.		-15
	Ass		lue	-	racuse, NY 13057		TEST	BORI	NG L	OG	Page No.		of 1
		ciate		I mone.	315-701-0522						Report No.		-01-0721
Project	Name:				el Sanitary Sewer and V	Water Line	e Extensions	Project, B	uffalo, N	New York	Date Started		23/21
Client:			Compan								Date Finished		23/21
Location	n:				ion Plan, ELP-1						Surface Elev.		3.0'
		ME	THO	DS OF	INVESTIGATIO				GRO	DUNDWATER	OBSERVAT	IONS	
Driller:		John V	Vinks		Casing:	3¼" ID	H.S.A.	Date		Time	Depth (Ft.)	Casina	At (Ft.)
Driller:		Ryan (Casatell	i	Casing Hammer:						- '	,	, ,
Inspecto					Other:			06/23/21		/hile Drilling	None Noted		5.0'
Drill Ri	g:	CME 5	550X		Soil Sampler:	2" OD S	Split Barrel	06/23/21	Before	Casing Removed	None Noted	13	8.5'
Type:		ATV N	Mounted	d	Hammer Wt:	140 lbs.		06/23/21	After	Casing Removed	None Noted	C	out
Rod Siz	e:	AWJ			Hammer Fall:	30 in.		06/23/21	After	Casing Removed	caved @ 9.2'	C	out
	LO	G OF	BOR	ING S	AMPLES		VI	SUAL C	LASS	IFICATION C	F MATERIA	L	
Depth		Sample	e Depth		Blows on			coarse					SPT "N"
Scale	Sample	_	t.)	Type /	Sampler	Depth of		medium		and - 35 to 50	1% / some - 20 to 35	0/0	or
(Feet)	No.	From	То	Sample Rec. (in.)	Per 6 Inches	Change (Ft.)		- fine			10% / trace - 0 to 10		ROD %
0	1	0.0	2.0	SS/24	8-23-68-54	(1 t.)	1		· Brow	n cmf sand, silt, f		70	91
U	1	0.0	2.0	33/24	0-23-00-34		brick, roots		, DIOW	ii ciiii sanu, siit, i	ine graver, stag,		91
1							brick, rook	s (moist)					
1													
	2	2.0	4.0	00/10	10.22.20.26) (* 11	TII I	<i>C</i> /	D 1 1	C 1 11		50
2	2	2.0	4.0	SS/19	19-22-30-36			ous FILL	; Grey/	Brown slag, clay,	, cmf sand, silt, o	coal	52
							(moist)						
3													
4	3	4.0	6.0	SS/17	15-7-8-8		Miscellane	ous FILL	; Grey/	Brown cmf grave	el, wood, silt, cla	y	15
							(moist)						
5													
						1							1
6	4	6.0	8.0	SS/14	7-8-8-7		FILL; Grev	/Brown c	clay, mi	f gravel, silt, cmf	sand (moist)		16
							•		3,	<i>S</i> , ,	,		
7													
8	5	8.0	10.0	SS/17	4-10-5-5		FILL Grey	/Brown c	elav en	nf gravel, silt, cm	f sand (moist)		15
0	3	0.0	10.0	55/17	4-10-3-3		Till, Gie	// DIOWII C	ciay, cii	ii giavei, siit, eiii	i sand (moist)		13
9													
9													
10													
10													
						 							
11					1								
					1								
12					1								
					1								
13					1								
	6	13.5	15.0	SS/18	2-3-2		Dark Brow	n PEAT,	some S	SILT (moist, med	ium stiff)		5
14													
15													
16													
						1	<u> </u>						1
17													
''					1								
18					1								
10	7	18.5	20.0	SS/12	3-2-4		Grev/Brow	m SII T 1	little fin	e SAND, trace C	I AV (wet med	ium	6
19	,	10.5	20.0	55/12	3-2-4		stiff)		iiiii IIII	o sand, nace C	Lill (wet, med	. 6111	
19							31111)						
20		I	I					-	20.01				

Boring No. B-16 6035 Corporate Drive SUBSURFACE EXPLORATION East Syracuse, NY 13057 Page No. 1 of 1 **TEST BORING LOG** Associates, Inc. Phone: 315-701-0522 Report No. 27808B-01-0721 Project Name: Former Bethlehem Steel Sanitary Sewer and Water Line Extensions Project, Buffalo, New York **Date Started** 06/23/21 Client: C&S Companies **Date Finished** 06/23/21 Surface Elev. 583.0' Location: See Exploration Location Plan, ELP-1 METHODS OF INVESTIGATION **GROUNDWATER OBSERVATIONS** Driller: John Winks Casing: 31/4" ID H.S.A. Date Time Depth (Ft.) Casing At (Ft.) Driller: Ryan Casatelli **Casing Hammer:** 8.0' Inspector: 06/23/21 While Drilling None Noted Other: Drill Rig: 2" OD Split Barrel 06/23/21 Before Casing Removed 18.5 CME 550X Soil Sampler: None Noted 06/23/21 After Casing Removed None Noted Type: ATV Mounted Hammer Wt: 140 lbs. out AWJ **Rod Size:** Hammer Fall: 30 in. 06/23/21 After Casing Removed caved @ 9.7' out LOG OF BORING SAMPLES VISUAL CLASSIFICATION OF MATERIAL Sample Depth SPT "N" Depth Blows on c - coarse Type / Depth of (Ft.) Sampler and - 35 to 50% / some - 20 to 35% Scale Sample m - medium Sample Change or From То RQD % Per 6 Inches f - fine little - 10 to 20% / trace - 0 to 10% (Feet) No. Rec. (in.) (Ft.) 2.0 SS/24 2-16-17-14 Miscellaneous FILL; Brown silt, cmf gravel, cmf sand, slag, coal, 0 0.0 33 roots (moist) 1 2 2 2.0 SS/15 12-13-15-14 Miscellaneous FILL; Grey/Brown slag, silt, cmf sand (moist) 28 4.0 3 4 3 4.0 6.0 SS/16 15-8-9-10 FILL; Grey silt, cmf gravel, clay, cmf sand (moist) 17 5 6 4 6.0 8.0 SS/15 11-7-9-8 FILL; Grey clay, cmf gravel, silt, cmf sand (moist) 16 7 8 5 8.0 10.0 SS/15 4-4-6-11 Similar as above (moist) 10 9 10 11 12 13 6 13.5 15.0 SS/0 4-3-5 Brown PEAT, trace SILT, trace woody ORGANIC MATERIAL 8 14 (moist, stiff) See remark 1 15 16

Grey/Brown CLAY, some SILT, trace fine SAND (wet, medium

5

SS - Split Spoon, U - Undisturbed Tube, C - Core, WH - Weight of Hammer + Rod, WR - Weight of Rod

stiff)

Bottom of Boring @ 20.0'

Remarks: 1. No recovery with a 2" split spoon, therefore a 3" split spoon was utilized.

2 - 2 - 3

17

18

19

7

18.5

20.0 SS/18

				6035 Co	orporate Drive	SI	IRSURFA	ACE EX	KPLORATION	Boring No.	B-	17
		IV			racuse, NY 13057					Page No.	1 c	f 1
	Asso	ciates	s, Inc.	Phone:	315-701-0522		1E51	BOKI	NG LOG	Report No.	27808B-	01-0721
Project	Name:	Former	Bethle	hem Stee	el Sanitary Sewer and W	Vater Line	Extensions	Project, Bi	uffalo, New York	Date Started	06/2	2/21
Client:			ompan		<u> </u>			<u> </u>	,	Date Finished	06/2	
Location	1:	See Ex	ploratio	n Locati	on Plan, ELP-1					Surface Elev.	582	2.9'
	-				INVESTIGATIO	N			GROUNDWATER			
Driller:		John W			Casing:	3¼" ID I	H.S.A.					
Driller:			Casatelli		Casing Hammer:	0,4 12 1		Date	Time	Depth (Ft.)	Casing	At (Ft.)
Inspecto	r:	rtyun c	ousure 111		Other:			06/22/21	While Drilling	None Noted	8.	0'
Drill Rig		CME 5	50X		Soil Sampler:	2" OD S	plit Barrel	06/23/21	Before Casing Removed	None Noted		1.5'
Type:	-		Nounted	1	Hammer Wt:	140 lbs.	piit Bairei	06/23/21	After Casing Removed	None Noted		ut
Rod Size		AWJ	Tourne		Hammer Fall:	30 in.		06/23/21	After Casing Removed	caved @ 8.2'		ut
Kou Sizi			DODI		MPLES	30 III.	1/1		LASSIFICATION C	_		ut
	LU			ING SE	AMITLES		V 15	SUAL C	LASSIFICATION C	JE MIATERIA	.L	
Depth			Depth	Type /	Blows on	Depth of	c -	coarse				SPT "N"
Scale	Sample	(F		Sample	Sampler	Change		medium		% / some - 20 to 359		or
(Feet)	No.	From	To	Rec. (in.)	Per 6 Inches	(Ft.)		- fine		0% / trace - 0 to 10%	%	RQD %
0	1	0.0	2.0	SS/19	4-15-35-44			ous FILL	; Dark Brown slag, cmf	sand, silt, roots		50
							(moist)					
1												
2	2	2.0	4.0	SS/18	21-25-22-19		Miscellane	ous FILL	; Brown/Grey slag, cmf	sand, silt (moist))	47
3							L					
4	3	4.0	6.0	SS/15	12-6-9-10		FILL; Grey	cmf grav	vel, silt, clay (moist)			15
									• • • • • • • • • • • • • • • • • • • •			
5												
6	4	6.0	8.0	SS/19	7-8-10-6		Similar as	above (mo	oist)			18
							Reworked		,			
7												
8	5	8.0	10.0	SS/14	4-5-5-5		FILL: Grev	/Brown c	emf gravel, clay, silt (mo	ist)		10
							'		<i>2</i> , <i>3</i> , (,		
9												
10												
11												
12												
12												
13												
	6	13.5	15.0	SS/13	6-3-4		Dark Brow	n PEAT	trace woody ORGANIC	MATERIAL ti	race	7
14	O	13.3	13.0	55/13	0 3 1		SILT (mois		•	, 1411 TT ETC17 1E, ti	ucc	,
1.							oili (mon	or, mearar	ii stiii)			
15												
1.5												
16												
10						 — - —						
17												
1 /												
18												
18	7	18.5	20.0	SS/15	2-1-2		Gray CII T	little fire	e SAND, trace CLAY (v	vet soft)		3
10	/	10.3	∠∪.∪	33/13	∠-1-∠		Oley SILI	, mue m	E SAND, TRACE CLAY (V	vei, soii)		3
19												

			F		orporate Drive	SU	JBSURFA	ACE EX	KPLO	RATION	Boring No.		-18
					racuse, NY 13057			BORI			Page No.		of 1
	Asso	ociates	-	r mome.	315-701-0522						Report No.	27808B	5-01-0721
Project	Name:	Forme	r Bethle	ehem Ste	el Sanitary Sewer and V	Water Line	e Extensions	Project, Bı	uffalo, N	New York	Date Started	06/2	23/21
Client:			Compan								Date Finished	06/	23/21
Location	n:				ion Plan, ELP-1						Surface Elev.		33.0'
		ME	THO	DS OF	INVESTIGATIO	N			GRO	DUNDWATER	OBSERVAT	IONS	
Driller:		John V	Vinks		Casing:	3¼" ID	H.S.A.	Date		Time	Depth (Ft.)	Cosino	At (Ft.)
Driller:		Ryan C	Casatelli	i	Casing Hammer:						Depth (Ft.)	Casing	At (FL)
Inspecto					Other:			06/23/21		/hile Drilling	None Noted		3.0'
Drill Ri	g:	CME 5			Soil Sampler:	2" OD S	Split Barrel	06/23/21		Casing Removed	None Noted	1	8.5'
Type:		ATV N	/Iounted	d	Hammer Wt:	140 lbs.		06/23/21		Casing Removed	None Noted	(out
Rod Siz		AWJ			Hammer Fall:	30 in.		06/23/21		Casing Removed	caved @ 9.0'		out
	LO	G OF	BOR	ING SA	AMPLES		VI	SUAL C	CLASS	IFICATION C)F MATERIA	L	
Depth		Sample	Depth	Tr. /	Blows on	D 4 6	c -	coarse					SPT "N"
Scale	Sample	_	t.)	Type / Sample	Sampler	Depth of Change		medium		and - 35 to 50	% / some - 20 to 35	%	or
(Feet)	No.	From	To	Rec. (in.)	Per 6 Inches	(Ft.)	f	- fine		little - 10 to 2	0% / trace - 0 to 10°	%	RQD %
0	1	0.0	2.0	SS/19	4-21-50-29		Miscellane	ous FILL	; Brown	n slag, cmf sand,	silt (moist)		71
1													
					1								
2	2	2.0	4.0	SS/15	20-13-12-25		Miscellane	ous FILL	; Brown	n slag, cmf sand,	silt, mf gravel, o	coal	25
							(moist)						
3													
						— —							
4	3	4.0	6.0	SS/14	9-11-7-6		FILL; Grey	clay, cm	nf grave	el, silt, cmf sand (moist)		18
5													
6	4	6.0	8.0	SS/16	6-8-9-7		FILL; Grey	cmf grav	vel, silt,	, clay, cmf sand (moist)		17
7													
8	5	8.0	10.0	SS/15	4-5-3-4		FILL; Grey	/Brown c	clay, cm	nf gravel, silt, cm	f sand (moist)		8
9													
10					1	 	 						
					1								
11													
12													
1.2					1								
13	_	1	1	GG /2			D 1 5	DE : =		1 000 000			
1,,	6	13.5	15.0	SS/8	4-4-4				trace w	oody ORGANIC	MATERIAL, t	race	8
14							SILT (moi	st, stiff)					
1.7					1								
15					1								
1.6						 	 					- — - —	
16													
17													
17													
10													
18	7	18.5	20.0	SS/18	WH-2-3		Gray CI A	V gama C	:::T 4	ace fine SAND ((wat madine -4)	;ee)	5
19	/	10.3	∠∪.∪	33/18	W II-2-3		Giey CLA	i, some S	ոււ, Մ	ace mic SAND (wei, mealum st	111))
19					1								
20							D # C	D	20.01				.

				6035 C	orporate Drive	SI	IRSURF	ACE EX	KPLORATION	Boring No.	В-	19
		IV		East Sy	racuse, NY 13057					Page No.	1 (of 1
	Asso	ciates	s, Inc.		315-701-0522		IESI	ROKI	NG LOG	Report No.	27808B	-01-0721
Project	Name:	Former	· Bethle	hem Ste	el Sanitary Sewer and V	Vater Line	e Extensions	Proiect, B	uffalo. New York	Date Started	06/2	23/21
Client:			ompani		J			J /	,	Date Finished		23/21
Location			•		on Plan, ELP-1					Surface Elev.		3.1'
					INVESTIGATIO	N			GROUNDWATER			
Driller:		John W			Casing:	3¼" ID 1	H.S.A.					
Driller:			Casatelli		Casing Hammer:			Date	Time	Depth (Ft.)	Casing	At (Ft.)
Inspecto	r:	J			Other:			06/23/21	While Drilling	None Noted	8	.0'
Drill Ri		CME 5	50X		Soil Sampler:	2" OD S	Split Barrel	06/23/21	Before Casing Removed	None Noted		3.5'
Type:	_		/lounted	1	Hammer Wt:	140 lbs.	-	06/23/21	After Casing Removed	None Noted		ut
Rod Size		AWJ			Hammer Fall:	30 in.		06/23/21	After Casing Removed	caved @ 9.7'		ut
			BORI	ING SA	AMPLES		VIS		LASSIFICATION C			
	LO			11 (6 5)						T WITTER		
Depth	G 1	Sample (F	Depth	Type /	Blows on	Depth of		coarse	1 25 4 50	0// 20 / 25/	\ <u>/</u>	SPT "N"
Scale (Feet)	Sample No.	From	To	Sample Page (in)	Sampler Per 6 Inches	Change		medium - fine		% / some - 20 to 359 0% / trace - 0 to 109		or RQD %
0	1	0.0	2.0	Rec. (in.) SS/19	2-10-27-30	(Ft.)			; Brown slag, cmf sand,		70	37
U	1	0.0	2.0	33/17	2-10-27-30		ceramic, ro		, ,	siit, iiii gravei,		37
1							ceranne, re	ous (mois	ii)			
1												
2	2	2.0	4.0	SS/16	13-10-11-12		Missallona	ous EII I	· Cray/White alon alor	ailt amfaand (m	.at)	21
2	2	2.0	4.0	35/10	13-10-11-12		Miscellane	ous FILL	; Grey/White slag, clay,	siii, ciiii sand (w	/eι)	21
2												
3												
4	2	4.0	()	00/14	10.22.0.0		N.C. 11	PILI	C - C 1 1 .	14 C - 1 C	. 0	20
4	3	4.0	6.0	SS/14	10-22-8-9		Miscellane	ous FILL	; Grey cmf sand, slag, si	it, mi gravei (mo	oist)	30
-												
5						 — - —					. — - —	
	4		0.0	00/10	16 12 11 12			/D	1	C 1('.)		2.4
6	4	6.0	8.0	SS/18	16-13-11-12		FILL; Grey	y/Brown c	clay, cmf gravel, silt, cm	f sand (moist)		24
7												
7												
0	_	0.0	10.0	00/14	10.7.6.6		EILL C	C	1 1 1 6 1/	• 45		12
8	5	8.0	10.0	SS/14	10-7-6-6		FILL; Grey	y cmi grav	vel, silt, clay, cmf sand (moist)		13
0												
9												
10												
10												
11												
11												
12												
12												
12												
13	(12.5	15.0	SS/3	774		EILL C.	. omf	val ailt ama 1 (' '	A)		11
1.4	6	13.5	15.0	33/3	7-7-4		Reworked		vel, silt, cme sand (moist	.)		11
14							Reworked 1	Material				
1.5												
15												
1.0												
16						 	 					
1.7												
17												
10												
18	7	10.5	20.0	0016	2 2 2		C/D	OT 437	1 DEAT 4	ODCANIC		_
10	7	18.5	20.0	SS/6	3-3-2		-		and PEAT, trace woody	ORGANIC		5
19							MATERIA	LL (moist,	, mediumstiff)			

					orporate Drive	SI	JBSURFA	ACE EX	XPL (ORATION	Boring No.		-20
		IV	Ę	East Sy	racuse, NY 13057			BORI			Page No.		of 1
	Asso	ociates	s, Inc.	Phone:	315-701-0522		1691	DUKI	NGI	LUG	Report No.	27808B	-01-0721
Project	Name:	Forme	r Bethle	ehem Ste	el Sanitary Sewer and '	Water Line	e Extensions	Project, Bu	ıffalo,	New York	Date Started	06/2	23/21
Client:			Compan								Date Finished	06/2	23/21
Location	1:				ion Plan, ELP-1						Surface Elev.		33.2'
				DS OF	INVESTIGATIO				GR	OUNDWATER	OBSERVAT	IONS	
Driller:		John V			Casing:	3¼" ID 1	H.S.A.	Date		Time	Depth (Ft.)	Casina	At (Ft.)
Driller:		Ryan C	Casatelli	i	Casing Hammer:						• ' '		
Inspecto					Other:			06/23/21		While Drilling	None Noted		3.0'
Drill Ri	g:	CME 5			Soil Sampler:		Split Barrel	06/23/21		re Casing Removed	None Noted	1	8.5'
Type:			/Iounted	d	Hammer Wt:	140 lbs.		06/23/21		er Casing Removed	None Noted		out
Rod Size		AWJ			Hammer Fall:	30 in.		06/23/21		er Casing Removed	caved @ 7.9'		out
	LO	G OF	BOR	ING SA	AMPLES		VI	SUAL C	LAS	SIFICATION C	OF MATERIA	L	
Depth		Sample	e Depth	Type /	Blows on	Depth of	c -	coarse					SPT "N"
Scale	Sample	(F	t.)	Sample	Sampler	Change	m -	medium		and - 35 to 50	% / some - 20 to 35	%	or
(Feet)	No.	From	To	Rec. (in.)	Per 6 Inches	(Ft.)		- fine			0% / trace - 0 to 109	%	RQD %
0	1	0.0	2.0	SS/20	3-15-42-32				; Dark	Brown slag, silt,	cmf sand, tile,		57
							roots (mois	st)					
1													
2	2	2.0	4.0	SS/21	30-23-32-25			ous FILL	; Brov	wn/Grey cmf sand,	slag, silt, coal		55
							(moist)						
3						1							
4	3	4.0	6.0	SS/18	3-6-11-6		FILL; Grey	y cmf grav	el, sil	lt, clay, cmf sand (moist)		17
5													
6	4	6.0	8.0	SS/17	6-7-8-8		FILL; Grey	y/Brown c	lay, c	mf gravel, silt, cm	f sand (moist)		15
7													
8	5	8.0	10.0	SS/18	3-4-5-10		FILL; Grey	y/Brown c	mf gr	avel, silt, clay, cm	f sand (moist)		9
9													
10						 							
11													
12													
13	_							_					
	6	13.5	15.0	SS/7	2-2-3			-	trace	woody ORGANIC	MATERIAL (r	noist,	5
14							medium sti	ff)					
15													
16						 	<u> </u>						Į
17													
18	_												
1.0	7	18.5	20.0	SS/18	3-3-3		Grey/Brow	n CLAY,	little	SILT (moist, medi	um stiff)		6
19													
20									20.01				

				6035 C	orporate Drive	CI	IRSHRE	ACE EX	XPLORATION	Boring No.	В	-21
					racuse, NY 13057	50				Page No.	1	of 1
	Asso	ciate	s, Inc.		315-701-0522		TEST	r BORI	NG LOG	Report No.		-01-0721
Project I	Vama:	Forme	r Rothle		el Sanitary Sewer and V	Water Lin	a Extensions	Droject R	uffolo New Vork	Date Started		23/21
Client:	vanie.		Compan		er Samiary Sewer and	water Lin	e Extensions	Troject, Di	ulialo, New Tolk	Date Started Date Finished		23/21
					' DI ELD I							
Location	1:				ion Plan, ELP-1	N T		1	CDOLINDIA	Surface Elev.		3.3'
				DS OF	INVESTIGATIO				GROUNDWATER	OBSERVAT	IONS	
Driller:		John V			Casing:	3¼" ID	H.S.A.	Date	Time	Depth (Ft.)	Casino	At (Ft.)
Driller:		Ryan (Casatelli	i	Casing Hammer:						,	, ,
Inspecto	r:				Other:			06/23/21	While Drilling	None Noted	8	5.0'
Drill Rig	; :	CME 5	550X		Soil Sampler:	2" OD S	Split Barrel	06/23/21	Before Casing Removed	17.0'	1	8.5'
Type:		ATV N	Mounted	d	Hammer Wt:	140 lbs.		06/23/21	After Casing Removed	None Noted	C	out
Rod Size	:	AWJ			Hammer Fall:	30 in.		06/23/21	After Casing Removed	caved @ 9.1'	C	out
	LO	GOF	BOR	ING S	AMPLES		VI	SUAL C	LASSIFICATION O	-	L	
		ı			1							
Depth	· ·	Sample (F	e Depth	Type /	Blows on	Depth of		- coarse		.0//	0.7	SPT "N"
	Sample			Sample	Sampler	Change		medium		1% / some - 20 to 35		or
(Feet)	No.	From	To	Rec. (in.)	Per 6 Inches	(Ft.)		- fine		0% / trace - 0 to 109	70	RQD %
0	1	0.0	2.0	SS/19	2-14-51-36			ous fill	; Dark Brown slag, silt,	cmi sand, roots		65
							(moist)					
1												
2	2	2.0	4.0	SS/20	22-30-32-45		Miscellane	ous FILL	; Grey slag, cmf sand, si	lt (moist)		62
3												
4	3	4.0	6.0	SS/18	18-27-13-9		Miscellane	ous FILL	; Grey cmf gravel, slag,	silt, clay, cmf sa	nd	40
	_						(moist)		, , , , , ,	, ,,		
5							(1110100)					
3						<u> </u>	 					1
6	4	6.0	8.0	SS/17	17-14-8-9		FILL Gray	y omf arox	vel, silt, cmf sand (moist)		22
U	4	0.0	8.0	33/1/	1/-14-0-9		TILL, GIE	y chin grav	vei, siit, ciiii sailu (iiioisi)		22
7												
7												
	_		100	~~/4=				2				
8	5	8.0	10.0	SS/17	6-6-5-5		FILL; Gre	y cmf grav	vel, silt, clay, cmf sand (moıst)		11
9												
10												
						<u></u>	L]
11						1	T —					
12												
13												
13	6	13.5	15.0	SS/18	2-2-3		Dark Dron	m DEAT	trace SILT (moist, medi	um stiff)		5
14	O	13.3	13.0	33/18	2-2-3		Dark Brow	лгені,	uace SIL1 (IIIOISI, medi	iuiii Siiii))
14												
15												
16						 	<u> </u>]
										 '		
17												
18												
~	7	18.5	20.0	SS/14	4-4-5		Grev/Brow	m CLAY	, little SILT (moist, stiff)	•		9
19	,	10.5	20.0				J. S. S. P. D. O. W.	,	, SILI (IIIOISI, SIIII)	,		
17												
		I	I		1	I						

				6035 C	orporate Drive	SI	IRSURE	ACE EX	XPLORATION	Boring No.	В-	-22
		IV			racuse, NY 13057	50				Page No.	1 (of 1
	Asso	ciates	s, Inc.		315-701-0522		TEST	ROKI	NG LOG	Report No.	27808B	-01-0721
Project I	Vame•	Forme	r Rethle		el Sanitary Sewer and	Water Lin	e Extensions	Project B	uffalo New York	Date Started		22/21
Client:	vanic.		Compan		er bannary bewer and	vater Em	e Extensions	1 Toject, D	unaio, item i oik	Date Finished		22/21
-					: D1 ELD 1							
Location	1:				ion Plan, ELP-1	NT.		l	CDOLINDWATER	Surface Elev.		3.7'
				DS OF	INVESTIGATIO				GROUNDWATER	OBSERVAI	IONS	
Driller:		John V			Casing:	3¼" ID	H.S.A.	Date	Time	Depth (Ft.)	Casing	At (Ft.)
Driller:		Ryan C	Casatelli	i	Casing Hammer:					- ' ')	` ′
Inspecto					Other:			06/22/21	While Drilling	None Noted	8	.0'
Drill Rig	;:	CME 5	50X		Soil Sampler:	2" OD S	Split Barrel	06/22/21	Before Casing Removed	None Noted	18	3.5'
Type:		ATV N	/Jounted	1	Hammer Wt:	140 lbs.		06/22/21	After Casing Removed	None Noted	0	ut
Rod Size	:	AWJ			Hammer Fall:	30 in.		06/22/21	After Casing Removed	caved @ 9.7'	0	ut
	LO	GOF	BOR	NG S	AMPLES		VI	SUAL C	LASSIFICATION O	_	T,	
1				1100)		
Depth		-	Depth	Type /	Blows on	Depth of		- coarse				SPT "N"
	Sample	(F		Sample	Sampler	Change		medium		0% / some - 20 to 35		or
(Feet)	No.	From	To	Rec. (in.)	Per 6 Inches	(Ft.)		- fine		20% / trace - 0 to 109	%	RQD %
0	1A	0.0	0.5	SS/20	4-15-34-30	0.5			Material (moist)			49
	1B	0.5	2.0				Miscellane	ous FILL	; Dark Brown slag, cmf	sand, silt (moist)	
1												
2	2	2.0	4.0	SS/17	28-29-19-13		Miscellane	ous FILL	; Brown cmf sand, slag,	silt, fine gravel		48
							(moist)					
3												
4	3	4.0	6.0	SS/17	5-6-4-7		FILL Grey	v/Brown o	clay, mf gravel, silt, cmf	sand (moist)		10
	3	7.0	0.0	55/17	3-0-4-7		TILL, GIC.	y/DIOWII C	hay, iiii gravei, siit, eiiii	sand (moist)		10
5												
3												
	4	6.0	0.0	GG /22	0.00.27			.1				1.0
6	4	6.0	8.0	SS/22	8-8-8-37		FILL; Gre	y silt, cmf	gravel, clay, cmf sand (moist)		16
7												
8	5	8.0	10.0	SS/6	24-8-6-4		FILL; Gre	y cmf grav	vel, clay, silt, cmf sand (moist)		14
9												
10												
11							 					
1,1												
12												
12												
,,												
13			l				<u>.</u> .					
	6	13.5	15.0	SS/18	5-3-4			n SILT, l	ittle fine SAND, trace C	CLAY (moist, me	edium	7
14							stiff)					
15												
16												
'`												
17												
1 /												
10												
18	7	10.7	20.0	00/10	4.2.2		C /P	CT AT	that ourse?	4:00		
1.0	7	18.5	20.0	SS/18	4-3-3		Grey/Brow	n CLAY,	little SILT (moist, med	ıum stiff)		6
19												

				6035 Co	orporate Drive	SI	IRSURFA	ACE EX	KPLORATION	Boring No.	В-	-23
		IV			racuse, NY 13057					Page No.	1 0	of 1
	A SSC	ciates	s, Inc.	Phone:	315-701-0522		1E51	BOKI	NG LOG	Report No.	27808B	-01-0721
Project	Name:	Former	Bethle	hem Stee	el Sanitary Sewer and W	ater Line	e Extensions	Project, Bi	uffalo, New York	Date Started	06/2	22/21
Client:		C&S C			<u> </u>			<u> </u>	,	Date Finished		22/21
Location	n:	See Ex	ploratio	n Locati	on Plan, ELP-1					Surface Elev.	58:	3.7'
					INVESTIGATIO	N			GROUNDWATER			
Driller:		John W			Casing:	3¼" ID I	H.S.A.					A (T.)
Driller:		Ryan C	Casatelli		Casing Hammer:			Date	Time	Depth (Ft.)	Casing	At (Ft.)
Inspecto	r:	•			Other:			06/22/21	While Drilling	None Noted	8	.0'
Drill Ri		CME 5	50X		Soil Sampler:	2" OD S	plit Barrel	06/22/21	Before Casing Removed	None Noted	18	3.5'
Туре:	_	ATV N	Iounted	1	Hammer Wt:	140 lbs.	-	06/22/21	After Casing Removed	None Noted	0	ut
Rod Siz		AWJ			Hammer Fall:	30 in.		06/22/21	After Casing Removed	caved @ 8.5'	0	ut
			BORI		AMPLES		VIS		LASSIFICATION C	_	L	
D 4			Depth									CDT IINIII
Depth Scale	Sample	(F		Type /	Blows on Sampler	Depth of	_	coarse medium	and 35 to 50	% / some - 20 to 359	0/2	SPT "N" or
(Feet)	No.	From	То	Sample Rec. (in.)	Per 6 Inches	Change (Ft.)		- fine		0% / trace - 0 to 10%		RQD %
0	1A	0.0	0.5	SS/20	3-9-10-15	0.5			: Material (moist)	0,0,111100		19
Ü	1B	0.5	2.0	55/20	3 7 10 13	0.5			; Dark Brown silt, slag,	cmf sand fine or	avel	17
1	12	0.5	2.0				coal (moist		, Durk Brown shu, skug,	omi sana, mie gi	,	
1							cour (mois	•)				
2	2	2.0	4.0	SS/20	19-33-23-11		Miscellane	ous FILL	; Grey/Brown slag, silt,	cmf sand (moist))	56
2	2	2.0	4.0	55/20	17 33 23 11		TVIISCEITAITE	ous i ill	, Grey/Brown stag, stit,	emi sana (moist)	,	30
3												
3												
4	3	4.0	6.0	SS/18	3-4-7-10		FILL Gres	zelav em	f gravel, silt, cmf sand (moist)		11
7	3	4.0	0.0	33/10	J -4- /-10		rill, Gie	ciay, ciii	ii gravei, siit, ciiii sailu (moist)		11
5												
3												
6	4	6.0	8.0	SS/20	12-11-12-9		FILL Grey	/Rrown s	silt, cmf gravel, clay, cm	f sand (maist)		23
O	7	0.0	0.0	55/20	12-11-12-7		li illi, Gie	// DIOWII 3	int, chin graver, clay, chi	i sana (moist)		23
7												
,												
8	5	8.0	10.0	SS/22	4-4-5-5		Similar as	ahove (m	niet)			9
O	3	0.0	10.0	33/22	4-4-3-3		Sillillal as	above (III	0151)			9
9												
10												
10												
11												
11												
12												
12												
13												
13	6	13.5	15.0	SS/12	1-2-2		FILL Grey	/Brown o	clay, mf gravel, silt, cmf	sand roots (moi	st)	4
14	O	13.3	13.0	55/12	1-2-2		li illi, Gie	// DIOWII C	nay, nin graver, sint, enin	sand, 100ts (mor	31)	7
17												
15												
13												
16												
10							<u> </u>					
17												
1 /												
18												
10	7	18.5	20.0	SS/3	6-8-8		Grey CLA	V littla C	ILT, trace cmf SAND (r	noist very stiff		16
19	,	10.5	20.0	00/J	0-0-0		OICY CLA	1 , mue 3.	ili, uace ciii SAND (i	noist, very still)		10
19												

				6035 Co	orporate Drive	CI	IDCLIDE	A CE EX	ZDI	ODATION	Boring No.	В	-24
		IV			racuse, NY 13057	St				ORATION	Page No.		of 1
	Asso	ciates	s, Inc.		315-701-0522		TEST	BORI	NG	LOG	Report No.		-01-0721
Project	Name:	Former	Bethle	hem Stee	el Sanitary Sewer and V	Vater Line	e Extensions	Project, B	uffalo	o, New York	Date Started	06/2	22/21
Client:		C&S C			<u>,</u>			<u> </u>		,	Date Finished		22/21
Location	1:	See Ex	ploratio	on Locati	on Plan, ELP-1						Surface Elev.	58	34.3'
					INVESTIGATIO	N			GI	ROUNDWATER	OBSERVAT	IONS	
Driller:		John W	Vinks		Casing:	3¼" ID l	H.S.A.	Distri		TP*	D. al. (E()	G	A4 (E4.)
Driller:		Ryan C	Casatelli	i	Casing Hammer:			Date		Time	Depth (Ft.)	Casing	At (Ft.)
Inspecto	r:				Other:			06/22/21		While Drilling	None Noted	8	3.0'
Drill Ri	g:	CME 5	50X		Soil Sampler:	2" OD S	Split Barrel	06/22/21		Fore Casing Removed	15.5'	1	7.0'
Type:		ATV N	Iounted		Hammer Wt:	140 lbs.		06/22/21		ter Casing Removed	13.3'	(out
Rod Siz		AWJ			Hammer Fall:	30 in.		06/22/21		ter Casing Removed	caved @ 13.4'		out
	LO	G OF	BOR	ING SA	AMPLES		VIS	SUAL C	LAS	SSIFICATION O	F MATERIA	L	
Depth		Sample	Depth	Type /	Blows on	Depth of	c -	coarse					SPT "N"
Scale	Sample	(F	t.)	Sample	Sampler	Change	m -	medium		and - 35 to 50°	% / some - 20 to 35	%	or
(Feet)	No.	From	To	Rec. (in.)	Per 6 Inches	(Ft.)		- fine			0% / trace - 0 to 100		RQD %
0	1	0.0	2.0	SS/17	3-12-11-7				; Dar	rk Brown slag, cmf	sand, silt, fine g	ravel,	23
_							roots (mois	st)					
1													
2	2	2.0	4.0	00/16	0.0.0.12		EII I O	/TD	•1.	C 1 C	17		10
2	2	2.0	4.0	SS/16	9-9-9-13		FILL; Grey	//Brown	silt, c	cmf gravel, cmf sand	d (moist)		18
2													
3													
4	3	4.0	6.0	SS/15	6-6-7-7		EILL. Cast	·/D#03337	f .		famil (maist)		13
4	3	4.0	0.0	55/15	0-0-/-/		FILL; Grey	//Brown C	emi g	gravel, clay, silt, cmf	sana (moisi)		13
5													
3													
6	4	6.0	8.0	SS/18	6-7-6-5		FILL: Grey	/Brown o	emf ø	gravel, silt, cmf sand	(moist)		13
Ü	•	0.0	0.0	22/10	0 7 0 2		122, 910)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	8	51.01.01, 2110, 01111 20111	(IIIeiei)		10
7													
8	5	8.0	10.0	SS/18	2-3-3-3		FILL; Grey	/Brown o	clay,	cmf gravel, silt, cmf	f sand (moist)		6
9													
10													
11													
10													
12													
12													
13	6	13.5	15.0	SS/18	3-7-9		FII I . D	vn/Grav	21027	cmf gravel, silt, cmf	frand (wat)		16
14	U	13.3	13.0	SS/18	3-7-9		rill; Brov	wii/Grey (lay,	ciii giavei, siii, cmi	sanu (wet)		10
14													
15													
1.3													
16													
10													
17							Auger refu	sal @. 17	0' on	n unknown obstructi	on.		
							Bottom of				- **		
18]	<i>5</i> ©	,				
19													

			F		orporate Drive	SU	JBSURFA	ACE EX	KPL	ORATION	Boring No.		-25
				-	racuse, NY 13057		TEST	BORI	NG	LOG	Page No.		of 1
	Asso	ociate	s, Inc.	Phone:	315-701-0522		11231	DOM	110	LOG	Report No.	27808B	-01-0721
Project	Name:	Forme	r Bethle	hem Ste	el Sanitary Sewer and V	Water Line	e Extensions	Project, B	uffalc	o, New York	Date Started	06/2	22/21
Client:		C&S C	Compan	ies							Date Finished	06/2	22/21
Location	n:	See Ex	ploration	on Locat	ion Plan, ELP-1						Surface Elev.	58	32.8'
		ME	THO	DS OF	INVESTIGATIO	N			Gl	ROUNDWATER	OBSERVAT	CIONS	
Driller:		John V	Vinks		Casing:	3¼" ID	H.S.A.	D 4		m·	D 41 (E4)	.	A ((TE ()
Driller:		Ryan (Casatelli	i	Casing Hammer:			Date		Time	Depth (Ft.)	Casing	At (Ft.)
Inspecto	or:				Other:			06/22/21		While Drilling	4.2'	4	.7'
Drill Ri	g:	CME 5	550X		Soil Sampler:	2" OD S	Split Barrel	06/22/21	Bef	ore Casing Removed	19.0'	1	8.5'
Type:		ATV N	Nounted	1	Hammer Wt:	140 lbs.		06/22/21	Aft	ter Casing Removed	1.5'	(out
Rod Siz	e:	AWJ			Hammer Fall:	30 in.		06/22/21	Aft	ter Casing Removed	caved @ 2.0'	(out
	LO	GOF	BOR	ING S	AMPLES		VI	SUAL C		SSIFICATION C	F MATERIA	L	
- ·			e Depth							1			CDT III III
Depth	C1-	_	t.)	Type /	Blows on	Depth of		coarse		1 25 +- 50	0/ / 20 +- 25	0/	SPT "N"
Scale (Feet)	Sample No.	From	To	Sample Rec. (in.)	Sampler Per 6 Inches	Change (Ft.)		medium - fine			% / some - 20 to 35 0% / trace - 0 to 10		or RQD %
0	1	0.0	2.0	SS/14	3-5-8-15	(11.)	1		· Dro	own slag, cmf grave			13
U	1	0.0	2.0	33/14	3-3-6-13		(moist)	ous FILL	, DIC	own stag, cliff grave	i, ciiii saiiu, siii,	10018	13
1							(IIIOISI)						
1													
		2.0	4.0	00/11	24 10 15 16		N.C. 11	. PILI	D	C 1	1 14 (2.4
2	2	2.0	4.0	SS/11	34-19-15-16		Miscellane	ous FILL	; Bro	own cmf gravel, cmf	sand, silt (mois	st)	34
3													
									_				
4	3	4.0	6.0	SS/14	13-11-9-8		Miscellane	ous FILL	; Bro	own slag, cmf sand,	mf gravel, silt (wet)	20
5													
6	4	6.0	8.0	SS/16	6-8-9-10		Miscellane	ous FILL	; clay	y, slag, cmf sand, sil	lt (wet)		17
7													
8	5	8.0	10.0	SS/15	7-9-5-3			ous FILL	; Daı	rk Brown slag, cmf	gravel, cmf sand	l, silt	14
							(wet)						
9													
10													
							<u> </u>					- — - —	ļ
11					1								
					1								
12													
13													
	6	13.5	15.0	SS/14	2-2-5					ne SILT, trace fine C	GRAVEL, trace	cmf	7
14					1		SAND (we	t, mediun	n stif	f)			
					1								
15													
16													
					1								
17					1								
18					1								
	7	18.5	20.0	SS/12	6-10-15					ne cmf GRAVEL, lit	ttle SILT, little o	emf	25
19					1		SAND (mo	ist, very	stiff)				
					1								
20		1	I	Ī	Ī	1	D C	D . O	20.0	01			

			F		orporate Drive	SU	J BSURF A	ACE EX	KPL	ORATION	Boring No.		-26
	Assi	ciates	Inc	-	racuse, NY 13057		TEST	BORI	NG	LOG	Page No.		of 1
					315-701-0522	T T.	F	D : . D	CC 1	NT N7 1	Report No.		-01-0721
Project Client:	Name:		ompan		el Sanitary Sewer and V	Water Line	e Extensions	Project, Bi	iffalo	o, New York	Date Started Date Finished		22/21 22/21
Location					ion Plan, ELP-1						Surface Elev.		3.7'
Location	11.				INVESTIGATIO	N			G	ROUNDWATER			3.7
Driller:		John V		DS OF	Casing:	3¼" ID I	H.S.A.		G.				
Driller:			Casatelli	i	Casing Hammer:	0,4 12 1		Date		Time	Depth (Ft.)	Casing	At (Ft.)
Inspecto	r:	,			Other:			06/22/21		While Drilling	5.6'	8	.0'
Drill Ri	g:	CME 5	550X		Soil Sampler:	2" OD S	Split Barrel	06/22/21	Bef	Fore Casing Removed	16.2'	13	8.5'
Type:		ATV N	/Iounted	1	Hammer Wt:	140 lbs.		06/22/21	Af	ter Casing Removed	2.2'	C	out
Rod Size		AWJ			Hammer Fall:	30 in.		06/22/21		ter Casing Removed	caved @ 2.4'		out
	LO	G OF	BOR	ING SA	AMPLES		VI	SUAL C	LA	SSIFICATION C)F MATERIA	L	
Depth		Sample	e Depth	Type /	Blows on	Depth of	c -	coarse					SPT "N"
Scale	Sample	`	t.)	Sample	Sampler	Change		medium			% / some - 20 to 35		or
(Feet)	No.	From	To	Rec. (in.)	Per 6 Inches	(Ft.)		- fine			0% / trace - 0 to 10°		RQD %
0	1	0.0	2.0	SS/16	2-4-6-9			ous FILL;	; Da	rk Brown cmf sand,	slag, silt, brick,	coal	10
1							(moist)						
1													
2	2	2.0	4.0	SS/17	5-7-6-6		Miscellane	ous FILL:	· Bra	own cmf sand, brick	slag silt (mois	t)	13
		2.0	1.0	55/17	3 7 0 0		TVIISCOITAITC	ous i iee,	, DI	own chin sund, offer	, siag, siit (mois	ι)	
3													
4	3	4.0	6.0	SS/7	9-6-7-5		Miscellane	ous FILL;	; Bro	own brick, slag, silt	(moist)		13
5													
	,		0.0	GG /1 5			. e u	F11.1	_	0 1			
6	4	6.0	8.0	SS/15	5-4-5-11		Miscellane	ous FILL;	; Gre	ey cmf sand, concre	te, mt gravel, sil	t (wet)	9
7													
,													
8	5	8.0	10.0	SS/15	5-3-4-1		Miscellane	ous FILL:	: Gre	ey concrete, brick, s	ilt (wet)		7
								•	,	, , ,	,		
9													
10													
1.1							 						
11													
12													
13													
	6A	13.5	14.0	SS/12	1-1-3		Brown CL.	AY, little	PEA	AT, trace SILT, trace	e woody ORGA	NIC	4
14							MATERIA	` /					
	6B	14.0	15.0				Grey SILT	and CLA	Y, t	race fine SAND (we	et, medium stiff)		
15													
1.6													
16													
17													
1 /													
18													
	7	18.5	20.0	SS/15	2-2-3		Grey/Brow	n CLAY,	som	ne cmf GRAVEL, lit	ttle SILT, trace	emf	5
19							SAND (we	t, medium	ı stif	ff)			
20							Rottom of	D : \sim	20	01			

				6035 Co	orporate Drive	SI	IRSURF	ACE EX	XPLORATION	Boring No.	В-	-27
		IV		East Syr	acuse, NY 13057					Page No.	1 (of 1
	Asso	ciates	s, Inc.	-	315-701-0522		TEST	ROKI	NG LOG	Report No.	27808B	-01-0721
Project	Name:	Former	· Bethle	hem Stee	el Sanitary Sewer and W	/ater Line	Extensions	Proiect, B	uffalo. New York	Date Started	06/2	22/21
Client:			ompan		<u> </u>			j ,		Date Finished		22/21
Location					on Plan, ELP-1					Surface Elev.		4.4'
2004102					INVESTIGATIO	N			GROUNDWATER			
Driller:		John W			Casing:	3¼" ID I	H S A					
Driller:			Casatelli		Casing Hammer:	374 113 1	11.5.71.	Date	Time	Depth (Ft.)	Casing	At (Ft.)
Inspecto		rtyun c	Jusuiciii		Other:			06/22/21	While Drilling	4.6'	4	.0'
Drill Rig		CME 5	50X		Soil Sampler:	2" OD S	plit Barrel	06/22/21	Before Casing Removed	14.0'		3.5'
Type:	-		Mounted	1	Hammer Wt:	140 lbs.	_	06/22/21	After Casing Removed	None Noted		ut
Rod Size		AWJ	Touritee		Hammer Fall:	30 in.		06/22/21	After Casing Removed	caved @ 4.7'		ut
Kou Siz			DΩDI		MPLES	30 III.	VI		LASSIFICATION C			ut
	LU			ING SE	AMITLES		V 1)	SUAL C	LASSIFICATION C)F MAIENIA	L	I
Depth			Depth	Type /	Blows on	Depth of	_	coarse				SPT "N"
Scale	Sample	(F		Sample	Sampler	Change		medium		% / some - 20 to 35		or
(Feet)	No.	From	To	Rec. (in.)	Per 6 Inches	(Ft.)		- fine		0% / trace - 0 to 109		RQD %
0	1	0.0	2.0	SS/18	2-6-26-64			ous FILL	; Brown asphalt pieces,	silt, cmf sand, ro	oots	32
							(moist)					
1												
2	2	2.0	3.2	SS/12	30-32-100@2"		Miscellane	ous FILL	; Dark Brown cmf sand,	slag, silt (moist))	100+
3												
4	3	4.0	6.0	SS/14	5-16-14-7		Miscellane	ous FILL	; Dark Grey slag, silt, (w	vet)		30
										,		
5												
6	4	6.0	8.0	SS/12	8-12-4-5		Similar as	above (we	et)			16
								`	,			
7												
8	5	8.0	10.0	SS/12	9-9-10-8		Miscellane	ous FILL	; Grey slag, cm fsand, si	lt (wet)		19
									, ,	,		
9												
10												
11												
12												
13												
1.5	6	13.5	15.0	SS/15	5-2-2		Dark Brow	m PEAT	trace woody ORGANIC	MATERIAL 1	race	4
14	O	13.3	13.0	55/15	3 2 2		SILT (moi			wirth Extract, u	acc	
17							SILI (IIIOI	si, ilicului	11 50111)			
15												
13												
16												
10						<u> </u>	<u> </u>					
17												
17												
10												
18	7	10 5	20.0	00/10	2.2.4		C CT A	V 1:41 C	II T (:	20		
10	7	18.5	20.0	SS/10	2-3-4		Grey CLA	r, little S	ILT (moist, medium stif	1)		7
19												
							_					



GENERAL INFORMATION & KEY TO TEST BORING LOGS

The **Subsurface Exploration** – **Test Boring Logs** produced **by CME Associates, Inc.** (CME) present observations and mechanical data collected by the CME Drill Crew while at the site, supplemented, at times, by classification of the materials removed from the borings determined through visual identification by technicians in the laboratory. It is cautioned that the materials removed from the borings represent only a fraction of the total volume of the deposits at the site and may not necessarily be representative of the subsurface conditions between adjacent borings or between the sampled intervals. The data presented on the Exploration Logs together with the recovered samples will provide a basis for evaluating the character of the subsurface conditions relative to the proposed construction. The evaluation must consider all the recorded details and their significance relative to each other. Often, analyses of standard boring data indicate the need for additional testing and sampling procedures to more accurately evaluate the subsurface conditions. Any evaluations of the contents of CME's report and the recovered samples must be performed by Licensed Professionals having experience in Soil Mechanics, Geological Sciences and Geotechnical Engineering. The information presented in this Key defines some of the methods, procedures and terms used on the CME Exploration Logs to describe the conditions encountered. Refer to the Log on page 4 for key number.

Key No. Description

- 1. The figures in the **DEPTH SCALE** column define the vertical scale of the Boring Log.
- 2. The SAMPLE NO. is used for identification on the sample containers and in the Laboratory Test Report or Summary.
- 3. The **SAMPLE DEPTH** column gives the depth range from which a sample was recovered.
- **4.** The **TYPE / SAMPLE RECOVERY** column is used to signify the various types of samples. "SS is Split Spoon, "U" is Undisturbed Tube, and "C" is Rock Core. For soil and rock samples, the recovered length of the sample is recorded in inches.
- 5. BLOWS ON SAMPLER This column shows the results of the "Standard Penetration Test (SPT) ASTM D1586", recording the number of blows required to drive a 2-inch outside diameter (O.D.) split spoon sampler into the ground beneath the casing. The number of blows required for each six inches of penetration is recorded. The total number of blows required for the 6-inch to 18-inch interval is summarized in the SPT "N" column and represents the "Standard Penetration Number". The outside diameter of the sampler, the hammer weight and the length of drop are noted in the Methods of Investigation portion of the log. A "WH" or "WR" in this column indicates that the sample spoon advanced a 6-inch interval under the Weight of Hammer + Rod or Weight of Rod, respectively. If a rock core sample is taken, the core bit size designation is given here.
- 6. The **DEPTH OF CHANGE** column designates the depth (in feet) that the driller noted a compactness or stratum change. In soft materials or soil strata exhibiting a consistent relative density, it is difficult for the driller to determine the exact change from one stratum to the next. In addition, a grading or gradual change may exist. In such cases the depth noted is approximate or estimated only and may be represented by a dashed line. When continuous split spoon sampling is not employed, or an interval of several feet exists between samplings, the Depth of Change may not be indicated at all.
- 7. VISUAL CLASSIFICATION OF MATERIAL Soil materials sampled and recovered are described by the Driller or Geotechnical Representative on the original field log. Notes of the Drillers observations are also placed in this column. Recovered samples may also be visually classified by a Geologist, Engineer, or Soil Technician. Visual soil classifications are made using a modified Burmister System as practiced by CME and as generally described in this Key and abbreviated on the Test Boring Log. This modified Burmister System is a type of visual-manual textural classification estimated by the Driller, Geologist, Engineer, or Technician on the basis of weight-fraction of the recovered material and estimated plasticity, among other characteristics. See Table 1 "Classification of Materials". The description of the relative compactness or consistency is based upon the standard penetration number as defined in Table 2. The description of the recovered sample moisture condition is described as dry, moist, wet, or saturated. Water used to advance the boring may affect the moisture content of the recovered sample. Special terms may be used to describe recovered materials in greater detail, such terms are listed in ASTM D653. When sampling gravelly soils with a standard two-inch O.D. Split Spoon, the true percentage of gravel is often not recovered due to the relatively small sampler diameter. The presence of boulders, cobbles, and large gravel is sometimes, but not necessarily, detected by observation of the casing advancement and sampler blows and/or through the "action" of the drill rig, sampler and/or casing as reported by the Driller.

The description of **Rock** is based upon the recovered rock core. Terms frequently used in the description are included in Tables 3, 4 and 5. The length of core run is defined as length of penetration between retrievals of the core barrel from the bore hole, expressed in inches. The core recovery expresses the length of core recovered from the core barrel per core run, in percent. The size core barrel used is noted in Column 5. An "N" size core, being larger in diameter than "A" size core, often produces better recovery, and is frequently utilized where accurate information regarding the geologic conditions and engineering properties is needed. An estimate of in-situ rock quality is provided by a modified core recovery ratio known as the "**Rock Quality Designation**" (**RQD**). This ratio is determined by considering only pieces of core that are at least 4 inches long and are hard and sound. Breaks obviously caused by drilling are ignored. The percentage ratio between the total length of such core recovered and the length of core drilled on a given run is the RQD. Table 4 indicates in-situ rock quality as related to the **RQD**.

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- 8. The SPT "N" or RQD is given in this column as applicable to the specific sample taken. In Very Compact coarse-grained soils and in Hard fine-grained soils the N-value may be indicated as 50+ or 100+. This typically means that the blow count was achieved prior to driving the sampler the entire 6-inch interval or the sampler refused further penetration. For an "N" size rock core, the RQD is reported here, expressed in percent (%).
- 9. GROUNDWATER OBSERVATIONS and timing noted by the Drill Crew are shown in this section. It is important to realize that the reliability of the water level observations depend upon the soil type (e.g. water does not readily stabilize in a hole through fine grained soils), and that drill water used to advance the boring may have influenced the observations. Groundwater levels typically fluctuate seasonally so those noted on the log are only representative of that exhibited during the period of time noted on the log. One or more perched or trapped water levels may exist in the ground seasonally. All the available resources and data should be evaluated. If definite conclusions cannot be made, it is often prudent to examine the conditions more thoroughly through test pit excavations or through groundwater observation well installations.
- 10. METHODS of INVESTIGATION provides pertinent information regarding the identity of the Drill Crew members, inspector (if any), drill rig make and model, drill rig mount vehicle, casing and type of advancement, soil and rock sampling tools and appurtenances used in the installation of the Test Boring.

T	ABLE 1 - CLASSIFICATION OF MATERIALS
GROUP	COARSE GRAINED SOILS TEXTURAL SIZES
BOULDERS	larger than 12" diameter
COBBLES	12" diameter to 3" sieve
GRAVEL	3" - coarse - 1" - medium - 1/2" - fine - #4 sieve
SAND	#4 - coarse - #10 - medium - #40 - fine - #200 sieve
GROUP	FINE GRAINED SOILS SIZE (PLASTICITY*)
SILT	#200 sieve (0.074mm) to 0.005mm size (see below *)
CLAY	0.005mm size to 0.001 mm size (see below *)
GROUP	ORGANIC SOILS, PEAT, MUCK, MARL
ORGANIC	Based on smell, visual-manual and laboratory testing

ABBREVIATIONS	TERM	ESTIMATED PERCENT OF TOTAL SAMPLE BY WEIGHT
f - fine	and	35 to 50%
m - medium	some	20 to 35%
c - coarse	little	10 to 20%
	trace	0 to 10%

		D	RY STRENGTH TEST
TERM	PLASTICITY INDEX	INDICATION	FIELD TEST RESULT
non-plastic	0 - 3	Very low	falls apart easily
slightly plastic	4 - 15	Slight	easily crushed by fingers
plastic	15 - 30	Medium	difficult to crush
highly plastic	31 or more	High	impossible to crush with fingers

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Primary Soil Type	Descriptive Term of Compactness	Range of Standard Penetration Resistance (N)
COARSE GRAINED SOILS	Very Loose	less than 4 blows per foot
	Loose	4 to 10
(More than half of Material	Medium Compact	10 to 30
is larger than No. 200 sieve size)	Compact	30 to 50
	Very Compact	Greater than 50
FINE GRAINED SOILS	Descriptive Term of Consistency	Range of Standard Penetration Resistance (N)
	Very Soft	less than 2 blows per foot
(More than half of material is	Soft	2 to 4
smaller than No. 200 sieve size)	Medium Stiff	4 to 8
	Stiff	8 to 15
	Very Stiff	15 to 30
	Hard	Greater than 30

^{*}The number of blows of 140-pound weight falling 30 inches to drive a 2-inch O.D., 1-3/8 inch I.D. sampler 12 inches is defined as the Standard Penetration Resistance, designated "N".

	TABLE 3 - ROCK (CLASSIFICATION TERMS
Rock Classification	n Terms	Field Test or Meaning of Term
Hardness	Soft	Scratched by fingernail. Crumbles under firm blows with a geologic pick.
		Shallow indentations (1 to 3 mm) can be made by firm blows of a geologic pick. Can be peeled with a pocketknife with difficulty.
	Medium Hard	Scratched distinctly by penknife or steel nail. Can't be peeled or scraped with knife.
		Scratched with difficulty by penknife or steel nail. Requires more than one blow with a geologic hammer to break it
		Cannot be scratched by penknife or steel nail. Breaks only by repeated heavy blows with a geologic hammer.
Bedding	Thinly Laminated Laminated	less than 1/8 th inch 1/8 th to 1 inch
(Divisional planes	Thinly Bedded	1 inch to 4 inches
and/or surfaces	Medium Bedded	4 inches to 12 inches
separating it from layers	Thickly Bedded	12 inches to 48 inches
above and below)	Massive	greater than 48 inches

Relation of Ro	TABLE 4 Relation of Rock Quality Designation (RQD) and in-situ Rock Quality						
RQD %	Rock Quality Term Used						
90 to 100	Excellent						
75 to 90	Good						
50 to 75	Fair						
25 to 50	Poor						
0 to 25	Very Poor						

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TABLE 5 – BEDROCK WEATHERING CLASSIFICATION						
Classification	Diagnostic Features					
Fresh	No visible sign of decomposition or discoloration. Rings under hammer impact.					
Slightly Weathered	Slight discoloration inwards from open fractures, otherwise similar to Fresh.					
Moderately Weathered	Discoloration throughout. Strength somewhat less than fresh rock but cores cannot be broken by hand or scraped with knife. Texture observed.					
Highly Weathered	Most minerals somewhat decomposed. Specimens can be broken by hand with effort or shaved with knife. Core stones present in rock mass. Texture becoming indistinct but fabric preserved.					
Completely Weathered	Minerals decomposed to soil, but fabric and structure preserved (e.g. Saprolite). Specimens easily crumbled or penetrated.					
Residual Soil	Advanced state of decomposition resulting in plastic soils. Rock fabric and structure completely destroyed. Large volume change.					

		V ociates		East Syr	orporate Drive racuse, NY 13057 815-701-0522	su	SUBSURFACE EXPLORATION TEST BORING LOG			Boring No. Page No. Report No.	500	3-2 of 1	
Project .	Name:	a ·									Date Started		
Client:											Date Finished		
Location	n:										Surface Elev.		
		ME	THO	DS OF	INVESTIGATIO	N			GF	ROUNDWATER	OBSERVAT	IONS	
Driller: Driller:		10			Casing: Casing Hammer:	10		Date		Time	Depth (Ft.)	Casing	At (Ft.)
Inspecto	r:				Other:					While Drilling	9		9
Drill Ri	g				Soil Sampler:				Befo	ore Casing Removed			
Type:					Hammer Wt:				Aft	er Casing Removed			
Rod Siz	e:				Hammer Fall:				Aft	er Casing Removed			
	LO	GOF	BOR	ING SA	AMPLES		VI	SUAL C	LAS	SIFICATION C	F MATERIA	L	
Depth Scale (Feet)	Sample No.	Sample (F From		Type/ Sample Rec. (in.)	Blows on Sampler Per 6 Inches	Depth of Change (Ft.)	nange m - medium			and - 35 to 50% / some - 20 to 35% little - 10 to 20% / trace - 0 to 10%		804.500	SPT "N" or RQD%
1	2	3	3	4	5	6				7			8

SS - Split Spoon, U - Undisturbed Tube, C - Core, WH - Weight of Hammer + Rod, WR - Weight of Rod Remarks:

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Location					Part S	,	5.00	
Gravo				Date:	kapan	21 4/22	121	
	SCH Busin	urss pank	-	Attach	ments:			
				1.				
			10	3.	Y .			
Contracto	r Work Hours:			to				
C&S Wor				to				
		AM	PM	1	Equ	ipment Calibr	ation	
	Weather	Cloudy	Clausy		Time	Туре	Result	
	Temp.	56°F	WIP					
	Pecip.	NONE	NONE	1				
	Wind Speed	9nph	IDMPh	1				
	Wind Direct.	NW	NN	<u>.</u>				
WORK ATE	a Description: Fourthe Zest		ec sip. i	Field	Soil Bopi			·
	Material	Imported				Material		O 111
Time	Туре	Origin	Quantity	-	Time	Туре	Destination	Quantity
				-				
				-				
				-				
				-				
				-				



Descri	ption	of	Worl	<:

- CTIC	ARRIVEI)	on sik	No	9:30	AND	ByAn	entily
--------	----------	--------	----	------	-----	------	--------

· ONSik 9:30 to 6:00 9HRS.

- Wini) DIRECTION WAS NW, SET UPVIND MONITORING WOM SOUTH NORTH OF DRIVING OF PRINCIPLY OF PRINCIPLY OF PRINCIPLY

Community Air Monitoring Iss	ues:
------------------------------	------

NONE

NONE	
Sample Location	Description & Analysis
	*
*	
1	

Upcoming work:

Submitted By: Rich Backgro



Location								
TECUI	1SEH BUSING	iss park		Date:	4/23/21	1		
				Attach	ments:			
				1.				
	5 2 1 0			2.				
	200			3.			₽ €	
					2		F:	5.
Contracto	r Work Hours:			to				
C&S Wor	k Hours:			to				
				_				
		AM	PM	1	Equ	ipment Caliba	ration	
	Weather	SUM	SUNM	1	Time	Туре	Result	
	Temp.	LOOF	700	1				
	Pecip.	NONE	NOVE					
	Wind Speed	Sen Siten	5mph					
	Wind Direct.	SW	SW]				
Work Are	a Description: 8 KM LGUL M	MEL S	in Gro	TCA, C	ME DRILL			
	Material	Imported				Material	Exported	
Time	Туре	Origin	Quantity		Time	Type	Destination	Quantity
							3	
				•				



Description of Work:

- COR ARRIVED ON S'H AT 7:00 A.M. Assembled Equipment And CONTINUED BRILLING.
- ARRIVED ONSIK AT 7:00A.7 UNtil
- WIND DIRECT FOR WAS SW, PositionED Upwind Monitor NORTH OF WHERE THE FIRST BORING WAS Being DRINGLE. The DOWNWIND Monton WAS PositionED - 1) Rilling OPERATIONS PROVED PASSED THE DOWNSOND AIR MONITOR SO THE AIR MONITOR WAS MOVED MORE SOUTH. SOUTH OF The DRILLING OPENATIONS

Community Air Monitoring Issues:

NONE

Sampling (Soil/Water/Air):	NONE	
Sample ID	Sample Location	Description & Analysis
	A	
	1	

Upcoming work:

Submitted By: RICH BACKERS



Location								
TECUMSEN BUSINESS PAME				Date:	6/28/21			
				Attach	ments:			
				1.				
				2.				
				3.				
Contractor	r Work Hours:	9		to				
C&S Worl				to				
C&S WOL	K Hours.			-	-			
		AM	PM]	Equ	ipment Calibra	ation	
	Weather	Suntry	SUNNY		Time	Type	Result	
	Temp.	7605	80°F	1				
	Pecip.	More	NONE	1				
	Wind Speed	Ilmon	13 MOL					
	Wind Direct.	SU	SW					
Work Are	a Description:	hunen -	STRR SI	ih.	Georch	DREITING		
	Material	Imported				Material	Exported	
Time	Туре	Origin	Quantity		Time	Type	Destination	Quantity
]				
]				



	DRIVING *Ble The DRIVE BYAN J AROWND DIEGINAL Seing DEOROLEHEL AN	Hitting CONCRETE FOUNDATE BURING LOCATION TORN DOWN ON A NEIGH
Community Air Monitoring Issues: Sampling (Soil/Water/Air):	NONE	
Sample ID	Sample Location	Description & Analysis
A		2 do ripulon & Tinuxy 515
Upcoming work:	•	
Submitted By:		_



Bethlehem Steel Site Former Building Location/Utility Line			Date:		Tuesday, Jun	e 29, 202	1
Install			Attach	ments:			
			1.	Photos			
			2.				
			3.				
Contractor Work Hours:		7:00 AM	to	12:30 PM			
	ΔM	7:00 AM 6:45 AM	-	12:30 PM 12:15 PM	-	ion	1
C&S Work Hours:	AM Sun		-	12:15 PM Eq	uipment Calibra		
C&S Work Hours: Weather	Sun	6:45 AM	-	12:15 PM Eq Time	uipment Calibrat	Result	
C&S Work Hours: Weather Temp.	Sun 75	6:45 AM	-	12:15 PM Eq	uipment Calibra		
	Sun	6:45 AM	-	12:15 PM Eq Time	uipment Calibrat	Result	

Work Area Description:
Former building location. Perimeter of gravel area. 3 borings remain to be completed.

Material Imported				
Time	Type	Origin	Quantity	

Material Exported				
Time	Type	Destination	Quantity	



Description of Work:

CME onsite to complete remaining boring characterization for future utility line install.

C&S onsite to perform air monitoring and oversight. Alex Brennen onsite at 6:50 am. Phil opened gate at 7:10. CAMPs set up at 7:15 am. Zero caled.

Demolition of metal building occuring upwind from site. Minimal visual effect downwind. Background dust: 0.040 mg/m³. Background PID: 0.00 ppm

Drilling ended at 1120. Decon completed near final boring. Moved to backfill previous boring closer to Ridge Rd.

AB left site at 1215.

Community Air Monitoring Issues:

Demolition of old metal building occuring upwind.

Sampling (Soil/Water/Air): NONE
Sample ID Sa

Sample ID	Sample Location	Description & Analysis

Upcoming work: Final Day for oversight. Possible Remob for approx. 10 borings in coming weeks.

Submitted By: Alex Brennen







APPENDIX 6

Site Management Periodic Review Report Notice-Institutional and Engineering Controls Certification Forms





		Site Details	Box 1		
Site No.	C915197	One Details	BOX 1		
Site Name	Site I-1 Tecumseh Phase I	Business Park			
Site Address City/Town: L County: Erie Site Acreage		Zip Code: 14218			
Reporting Pe	eriod: April 28, 2021 to April	28, 2022			
			YES	NO	
1. Is the infe	ormation above correct?		×		
If NO, inc	clude handwritten above or c	on a separate sheet.			
	ne or all of the site property b amendment during this Repo	een sold, subdivided, merged, or undergone a orting Period?		×	
	e been any change of use at /CRR 375-1.11(d))?	t the site during this Reporting Period		×	
	y federal, state, and/or local the property during this Repo	permits (e.g., building, discharge) been issued orting Period?		×	
		2 thru 4, include documentation or evidence iously submitted with this certification form			
5. Is the site	e currently undergoing devel	opment?		$\overline{\aleph}$	
			Box 2		
			YES	NO	
	rrent site use consistent with cial and Industrial	the use(s) listed below?	×		
7. Are all IC	Cs in place and functioning a	s designed?			
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 0	Owner, Remedial Party or Des	signated Representative Date			

			Box 2	Α
			YES	NO
-	nformation revealed that assumptions made garding offsite contamination are no longer	•		×
	ed YES to question 8, include documenta tation has been previously submitted wit			
	ptions in the Qualitative Exposure Assessme e Exposure Assessment must be certified e		X	
	ed NO to question 9, the Periodic Review itative Exposure Assessment based on the			
SITE NO. C915197			Во	x 3
Description of	Institutional Controls			
Parcel	Owner	Institutional Contro	<u>ol</u>	
141.11-1-52	Buffalo & Erie Co. ILDC	Ground Water Use Monitoring Plan Site Management		tion
		Landuse Restriction Soil Management IC/EC Plan		
Institutional Control D	escription:			
	anagement Plan (SMP)			
Adherence to Site Ma Restriction to comme Prohibition of ground Allowance for Depart Requires a Periodic F	ercial re-use water use mental access			

Description of Engineering Controls

<u>Parcel</u> <u>Engineering Control</u>

141.11-1-52

Cover System

Engineering Control Desription:

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 direct reviewed by, the party making the Engineering Control certification;	ction of,	and
	 b) to the best of my knowledge and belief, the work and conclusions described in are in accordance with the requirements of the site remedial program, and gener engineering practices; and the information presented is accurate and compete. 		
	5.1g	YES	NO
		×	
2.	For each Engineering control listed in Box 4, I certify by checking "YES" below that all of following statements are true:	of the	
	(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 Dep	artmen	t;
	(b) nothing has occurred that would impair the ability of such Control, to protect the environment;	public h	ealth and
	(c) access to the site will continue to be provided to the Department, to evaluate remedy, including access to evaluate the continued maintenance of this Control;	the	
	(d) nothing has occurred that would constitute a violation or failure to comply wit Site Management Plan for this Control; and	h the	
	(e) if a financial assurance mechanism is required by the oversight document for mechanism remains valid and sufficient for its intended purpose established in the		
		YES	NO
		×	
	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 the	nese iss	sues.
	Signature of Owner, Remedial Party or Designated Representative Date		

IC CERTIFICATIONS SITE NO. C915197

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

John Coppellino at print name	95 Perry St print business add	Buffalo, WY 142,03 dress
am certifying as		(Owner or Remedial Party)
for the Site named in the Site Details Section Signature of Owner, Remedial Party, or Designed Rendering Certification	>	5 9 2022 Date

Box 7

Qualified Environmental Professional Signature

punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.
POBERT NAPIENALSKI at 300 PEARL ST., SUITE 130, BUFFALO, NY print name print business address
am certifying as a Qualified Environmental Professional for the
(Owner or Remedial Party)
Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification Stamp (Required for PE)





Sit	e No.	C915197C	Site Details		Box 1	
Sit	e Name Si	te I-3 Tecumseh Phase I Bu	usiness Park			
Cit Co	e Address: y/Town: La ounty:Erie e Acreage:		Zip Code: 14218			
Re	porting Peri	od: April 28, 2021 to April 28	8, 2022			
					YES	NO
1.	Is the infor	mation above correct?			X	
	If NO, inclu	ude handwritten above or on	a separate sheet.			
2.		or all of the site property been mendment during this Report	en sold, subdivided, merged, or underg ting Period?	gone a		×
3.		been any change of use at th CRR 356-1.11(d))?	he site during this Reporting Period			×
4.	•	ederal, state, and/or local pe e property during this Report	ermits (e.g., building, discharge) been ting Period?	issued		×
			thru 4, include documentation or evusly submitted with this certificatio			
6.	Is the site	currently undergoing develor	oment?			×
					Box 2	
					YES	NO
7.		ent site use consistent with that and Industrial	he use(s) listed below?		×	
5.	Are all ICs	in place and functioning as	designed?	×		
	IFT		JESTION 6 OR 7 IS NO, sign and date REST OF THIS FORM. Otherwise con		and	
Α (Corrective N	leasures Work Plan must be	e submitted along with this form to ad	dress t	hese iss	ues.
Sig	gnature of Ov	vner, Remedial Party or Desig	nated Representative	Date		

			Box 2	A
8.	. Has any new information revealed that assumptions made in the Qu	ualitative Exposure	YES	NO
	Assessment regarding offsite contamination are no longer valid?			×
	If you answered YES to question 8, include documentation or e that documentation has been previously submitted with this ce			
9.	. Are the assumptions in the Qualitative Exposure Assessment still va (The Qualitative Exposure Assessment must be certified every five		×	
	If you answered NO to question 9, the Periodic Review Report a updated Qualitative Exposure Assessment based on the new a			
SITI	TE NO. C915197C		Во	x 3
	Description of Institutional Controls			
Parce	<u>Cel</u> <u>Owner</u>	Institutional Contro	<u>ol</u>	
Parce	•	Institutional Contro	<u>ol</u>	
Parce	<u>Cel</u> <u>Owner</u>	IC/EC Plan Soil Ganagement	Plan	4 ; a.a.
Parce	<u>Cel</u> <u>Owner</u>	IC/EC Plan	Plan e Restric	tion
Parce	<u>Cel</u> <u>Owner</u>	IC/EC Plan Soil Ganagement Wround U ater Mse	Plan e Restric	tion
<u>Parce</u>	<u>Cel</u> <u>Owner</u>	IC/EC Plan Soil Ganagement Wround U ater Mse Landuse Restrictio Gonitoring Plan	Plan e Restric	tion
Parce 141.1 Institu	Owner Buffalo & Erie Co. ILDC itutional Control Description: nerence to Site Ganagement Plan (SGP)	IC/EC Plan Soil Ganagement Wround U ater Mse Landuse Restrictio Gonitoring Plan	Plan e Restric	tion
Parce 141.1 Institu Adhe Rest	Owner Buffalo & Erie Co. ILDC itutional Control Description: nerence to Site Ganagement Plan (SGP) striction to commercial re-use	IC/EC Plan Soil Ganagement Wround U ater Mse Landuse Restrictio Gonitoring Plan	Plan e Restric	ition
Parce 141.1 Institu Adhe Rest Proh	Owner Buffalo & Erie Co. ILDC itutional Control Description: nerence to Site Ganagement Plan (SGP)	IC/EC Plan Soil Ganagement Wround U ater Mse Landuse Restrictio Gonitoring Plan	Plan e Restric	tion
Parce 141.1 Institu Adhe Rest Proh Allow	Owner Buffalo & Erie Co. ILDC itutional Control Description: nerence to Site Ganagement Plan (SGP) striction to commercial re-use shibition of groundwater use	IC/EC Plan Soil Ganagement Wround U ater Mse Landuse Restrictio Gonitoring Plan	Plan e Restric	tion

Engineering Control

Cover System

Parcel 141.11-1-52

Engineering Control Desription:

Box	5
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	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
	f 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 Ganagement 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
	f 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. C915197C

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

John Cappellino print name	at <u>95</u>	Perry St. print busine	Bolfalo, MY ss address	14203
am certifying as	Owner		(Owner o	r Remedial Party)
for the Site named in the Site	sella			022

Box 7

Qualified Environmental Professional Signature

punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.
POBERT NAPIENALSKI at 300 PEARL ST., SUITE 130, BUFFALO, NY print name print business address
am certifying as a Qualified Environmental Professional for the
(Owner or Remedial Party)
Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification Stamp (Required for PE)





Sit	te No.	C915197E	Site Details		Box 1	
Sit	te Name Sit	te I-5 Tecumseh Phase I Bu	usiness Park			
Cit Co	e Address: :y/Town: La ounty: Erie e Acreage:		Zip Code: 14218			
Re	porting Peri	od: April 28, 2021 to April 28	3, 2022			
					YES	NO
1.	Is the infor	mation above correct?			×	
	If NO, inclu	ude handwritten above or on	a separate sheet.			
2.		or all of the site property been mendment during this Report	en sold, subdivided, merged, or under ting Period?	rgone a		×
3.		been any change of use at th CRR 375-1.11(d))?	he site during this Reporting Period			×
4.	•	federal, state, and/or local pe e property during this Report	ermits (e.g., building, discharge) been ting Period?	ı issued		×
			thru 4, include documentation or e			
5.	Is the site	currently undergoing develor	oment?			×
					Box 2	
					YES	NO
6.		ent site use consistent with thall and Industrial	ne use(s) listed below?		×	
7.	Are all ICs	in place and functioning as	designed?	×		
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.						
Α (Corrective N	leasures Work Plan must be	submitted along with this form to a	ddress t	hese iss	ues.
 Sig	gnature of Ov	vner, Remedial Party or Desig	nated Representative	Date		

		Box 2	Α
		YES	NO
8.	Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?		×
	If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9.	Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	X	
	If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		
SITE	NO. C915197E	Воз	ς 3
l	Description of Institutional Controls		
Parce	Owner Institutional Control	<u>) </u>	
141.1	1-1-52 Buffalo & Erie Co. ILDC		

Soil Management Plan

IC/EC Plan

Ground Water Use Restriction

Landuse Restriction Monitoring Plan Site Management Plan

Institutional Control Description:

Adherence to Site Management Plan (SMP)

Restriction to commercial re-use

Prohibition of groundwater use

Allowance for Departmental access

Requires a Periodic Review and Report

Box 4

Description of Engineering Controls

<u>Parcel</u> **Engineering Control**

141.11-1-52

Cover System

Engineering Control Desription:

	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 reviewed by, the party making the Engineering Control certification; 	, and
	b) to the best of my knowledge and belief, the work and conclusions described in this care in accordance with the requirements of the site remedial program, and generally accordance with the information program.	
	engineering practices; and the information presented is accurate and compete. YES	NO
	×	
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	nt;
	(b) nothing has occurred that would impair the ability of such Control, to protect public I the environment;	nealth and
	(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 sit mechanism remains valid and sufficient for its intended purpose established in the docu	
	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 is	sues.
	Signature of Owner, Remedial Party or Designated Representative Date	

IC CERTIFICATIONS SITE NO. C915197E

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

Iprint name	_ at, print business address
am certifying as	(Owner or Remedial Party)
for the Site named in the Site Details Se	ection of this form.
Signature of Owner, Remedial Party, or Rendering Certification	Designated Representative Date

IC CERTIFICATIONS SITE NO. C915197E

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

John Cerpelino at 95	Perry St. Buffalo NY 14203 print Dusiness address
am certifying as	(Owner or Remedial Party)
for the Site named in the Site Details Section of this Signature of Owner, Remedia Party, or Designated Rendering Certification	5/9/2022

Box 7

Qualified Environmental Professional Signature

punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.
POBERT NAPIENALSKI at 300 PEARL ST., SUITE 130, BUFFALO, NY print name print business address
am certifying as a Qualified Environmental Professional for the
(Owner or Remedial Party)
Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification Stamp (Required for PE)





Sit	e No.	C915197G	Site Details		Box 1	
Sit	e Name Si	te I-7 Tecumseh Phase I Bu	usiness Park			
Cit Co	e Address: y/Town: La ounty: Erie e Acreage:		Zip Code: 14218			
Re	porting Peri	od: April 28, 2021 to April 28	8, 2022			
					YES	NO
1.	Is the infor	mation above correct?			X	
	If NO, inclu	ude handwritten above or on	a separate sheet.			
2.		or all of the site property bee mendment during this Report	en sold, subdivided, merged, or under ting Period?	gone a		×
3.		been any change of use at th CRR 375-1.11(d))?	he site during this Reporting Period			×
4.	•	federal, state, and/or local pe e property during this Report	ermits (e.g., building, discharge) been ting Period?	issued		×
			thru 4, include documentation or e usly submitted with this certification			
5.	Is the site	currently undergoing develop	oment?			×
					Box 2	
					YES	NO
6.		ent site use consistent with thall and Industrial	he use(s) listed below?		×	
7.	Are all ICs	in place and functioning as	designed?	×		
	IFT		JESTION 6 OR 7 IS NO, sign and date REST OF THIS FORM. Otherwise con		and	
Α (Corrective N	leasures Work Plan must be	e submitted along with this form to ac	ldress t	hese iss	ues.
Sig	nature of Ov	wner, Remedial Party or Desig	nated Representative	Date		

		Box 2	A
		YES	NO
8.	Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?		X
	If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9.	Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	×	
	If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		
SITE	E NO. C915197G	Во	k 3
	Description of Institutional Controls		

Institutional Control Parcel <u>Owner</u>

Buffalo & Erie Co. ILDC 141.11-1-52

Soil Management Plan

IC/EC Plan

Ground Water Use Restriction

Landuse Restriction Monitoring Plan Site Management Plan

Institutional Control Description:

Adherence to Site Management Plan (SMP)

Restriction to commercial re-use

Prohibition of groundwater use

Allowance for Departmental access

Requires a Periodic Review and Report

Box 4

Description of Engineering Controls

Engineering Control Parcel

141.11-1-52

Cover System

Engineering Control Desription:

Box	5
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Periodic Review Report (PRR) Certification Statements				
I certify by checking "YES" below that:				
 a) the Periodic Review report and all attachments were prepared under the dire reviewed by, the party making the Engineering Control certification; 	ction of,	and		
	YES	NO		
	×			
For each Engineering control listed in Box 4, I certify by checking "YES" below that all following statements are true:	of the			
(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 De	partmen	t;		
(b) nothing has occurred that would impair the ability of such Control, to protect the environment;	public h	ealth and		
(d) nothing has occurred that would constitute a violation or failure to comply wi Site Management Plan for this Control; and	th the			
	YES	NO		
	×			
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				
	a) the Periodic Review report and all attachments were prepared under the dire reviewed by, the party making the Engineering Control certification; b) to the best of my knowledge and belief, the work and conclusions described are in accordance with the requirements of the site remedial program, and gene engineering practices; and the information presented is accurate and compete. For each Engineering control listed in Box 4, I certify by checking "YES" below that all 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 Del (b) nothing has occurred that would impair the ability of such Control, to protect the environment; (c) access to the site will continue to be provided to the Department, to evaluate remedy, including access to evaluate the continued maintenance of this Control; (d) nothing has occurred that would constitute a violation or failure to comply wi Site Management Plan for this Control; and (e) if a financial assurance mechanism is required by the oversight document for mechanism remains valid and sufficient for its intended purpose established in the IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.	a) the Periodic Review report and all attachments were prepared under the direction of, 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 care in accordance with the requirements of the site remedial program, and generally accengineering practices; and the information presented is accurate and compete. YES X 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 Departmen (b) nothing has occurred that would impair the ability of such Control, to protect public has 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 mechanism remains valid and sufficient for its intended purpose established in the document of the Site Management Plan for this Control; and 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.		

IC CERTIFICATIONS SITE NO. C915197G

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

Tahn Cappellino at at	95 Perry St. Bolfab, DY 14208 print business address
am certifying as	(Owner or Remedial Party)
Signature of Owner, Remedial Party, or Desi Rendering Certification	5/9/2022

Box 7

Qualified Environmental Professional Signature

punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.			
POBERT NAPIENALSKI at 300 PEARL ST., SUITE 130, BUFFALO, NY print name print business address			
am certifying as a Qualified Environmental Professional for the			
(Owner or Remedial Party)			
Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification Stamp (Required for PE)			





Sit	te No.	C915197I	Site Details		Box 1	
Sit	te Name Si	te I-9 Tecumseh Phase I Bu	usiness Park			
Cit Co	e Address: :y/Town: La ounty: Erie e Acreage:		Zip Code: 14218			
Re	porting Peri	od: April 28, 2021 to April 28	3, 2022			
					YES	NO
1.	Is the infor	mation above correct?			×	
	If NO, inclu	ude handwritten above or on	a separate sheet.			
2.		or all of the site property been mendment during this Report	en sold, subdivided, merged, or unde ting Period?	ergone a		×
3.		been any change of use at th CRR 375-1.11(d))?	ne site during this Reporting Period			×
4.	•	ederal, state, and/or local pe property during this Report	ermits (e.g., building, discharge) bee ing Period?	n issued		×
			thru 4, include documentation or usly submitted with this certificat			
5.	Is the site	currently undergoing develop	oment?			×
					Box 2	
					YES	NO
6.		ent site use consistent with that and Industrial	ne use(s) listed below?		×	
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.						
Sig	gnature of Ov	vner, Remedial Party or Desig	nated Representative	Date		

	Box 2A	
	YES	NO
Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?		×
If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
Are the assumptions in the Qualitative Exposure Assessment still valid?	×	
(The Qualitative Exposure Assessment must be certified every five years)		
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		
NO. C915197I	Вох	3
	If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years) If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.	Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid? If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years) If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

Description of Institutional Controls

<u>Parcel</u> <u>Owner</u>

141.11-1-52 Buffalo & Erie Co. ILDC

Institutional Control

Soil Management Plan Monitoring Plan IC/EC Plan

Ground Water Use Restriction

Landuse Restriction Site Management Plan

Institutional Control Description:

Adherence to Site Management Plan (SMP)

Restriction to commercial re-use

Prohibition of groundwater use

Allowance for Departmental access

Requires a Periodic Review and Report

Box 4

Description of Engineering Controls

Parcel <u>Engineering Control</u>

141.11-1-52

Cover System

Engineering Control Desription:

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.	1
	YES NO	
	\mathbf{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;	1
	(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	
	${f X}$	
	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. C915197I

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

	princusiness address			
am certifying as	(Owner or Remedial Party)			
for the Site named in the Site Details Section of this form. Signature of Owner, Remedial Party, or Designated Representative				
Signature of Owner, Remedial Party, or Designated F	Representative Date			

Box 7

Qualified Environmental Professional Signature

punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.			
POBERT NAPIENALSKI at 300 PEARL ST., SUITE 130, BUFFALO, NY print name print business address			
am certifying as a Qualified Environmental Professional for the			
(Owner or Remedial Party)			
Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification Stamp (Required for PE)			





Sit	e No.	C915197J	Site Details		Box 1	
Sit	e Name Sit	te I-10 Tecumseh Phase I E	Business Park			
Cit Co	e Address: y/Town: La unty:Erie e Acreage:		Zip Code: 14218			
Re	porting Peri	od: April 28, 2021 to April 28	8, 2022			
					YES	NO
1.	Is the infor	mation above correct?			×	
	If NO, inclu	ude handwritten above or on	a separate sheet.			
2.		or all of the site property bed mendment during this Repor	en sold, subdivided, merged, or und ting Period?	ergone a		×
3.		been any change of use at the CRR 375-1.11(d))?	he site during this Reporting Period			×
4.	•	federal, state, and/or local pe e property during this Report	ermits (e.g., building, discharge) beeting Period?	en issued		×
			thru 4, include documentation or usly submitted with this certificat			
5.	Is the site	currently undergoing develop	oment?			×
					Box 2	
					YES	NO
6.		ent site use consistent with that and Industrial	he use(s) listed below?		×	
7.	Are all ICs	in place and functioning as	designed?	×		
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.						
Sig	nature of Ov	vner, Remedial Party or Desig	nated Representative	Date		

		Box 2	A
		YES	NO
8.	Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?		X
	If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9.	Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	X	
	If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		
SITE NO. C915197J Box 3			
Description of Institutional Controls			

<u>Parcel</u> <u>Owner</u>

141.11-1-52 Buffalo & Erie Co. ILDC

Soil Management Plan

Institutional Control

Monitoring Plan
IC/EC Plan

Ground Water Use Restriction

Landuse Restriction Site Management Plan

Institutional Control Description:

Adherence to Site Management Plan (SMP)

Restriction to commercial re-use

Prohibition of groundwater use

Allowance for Departmental access

Requires a Periodic Review and Report

Box 4

Description of Engineering Controls

Parcel <u>Engineering Control</u>

141.11-1-52

Cover System

Engineering Control Desription:

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.		Periodic Review Report (PRR) Certification Statements		
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Signature of Owner, Remedial Party or Designated Representative Date		Signature of Owner, Remedial Party or Designated Representative Date		

IC CERTIFICATIONS SITE NO. C915197J

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

print rame at	Perry St. Buffalo, NY 14203 print business address
am certifying as	(Owner or Remedial Party)
for the Site named in the Site Details Section of Signature of Owner, Remedial Party, or Desig Rendering Certification	J9/2022

Box 7

Qualified Environmental Professional Signature

punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.			
POBERT NAPIENALSKI at 300 PEARL ST., SUITE 130, BUFFALO, NY print name print business address			
am certifying as a Qualified Environmental Professional for the			
(Owner or Remedial Party)			
Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification Stamp (Required for PE)			





Sit	e No.	C915197K	Site Details		Box 1	
Sit	e Name Si	te I-11 Tecumseh Phase I E	Business Park			
Cit Co	e Address: y/Town: La unty:Erie e Acreage:		Zip Code: 14218			
Re	porting Peri	od: April 28, 2021 to April 28	3, 2022			
					YES	NO
1.	Is the infor	mation above correct?			×	
	If NO, inclu	ude handwritten above or on	a separate sheet.			
2.		or all of the site property been mendment during this Report	en sold, subdivided, merged, or unde ting Period?	rgone a		×
3.		been any change of use at th CRR 375-1.11(d))?	he site during this Reporting Period			×
4.	•	ederal, state, and/or local pe property during this Report	ermits (e.g., building, discharge) beer ting Period?	n issued		×
			thru 4, include documentation or eusly submitted with this certificati			
5.	Is the site	currently undergoing develop	oment?			×
					Box 2	
					YES	NO
6.		ent site use consistent with that and Industrial	ne use(s) listed below?		×	
7.	Are all ICs	in place and functioning as	designed?	×		
	IF T		JESTION 6 OR 7 IS NO, sign and date REST OF THIS FORM. Otherwise co		and	
Α (Corrective M	leasures Work Plan must be	submitted along with this form to a	ddress t	hese iss	ues.
Sig	nature of Ov	vner, Remedial Party or Desig	nated Representative	Date		

		Box 2	Α
		YES	NO
8.	Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?		×
	If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9.	Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	×	
	If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		
SIT	E NO. C915197K	Воз	c 3

Description of Institutional Controls

<u>Parcel</u> <u>Owner</u>

141.11-1-52 Buffalo & Erie Co. ILDC

Institutional Control

Soil Management Plan Monitoring Plan

Monitoring Plan IC/EC Plan

Ground Water Use Restriction

Landuse Restriction Site Management Plan

Institutional Control Description:

Adherence to Site Management Plan (SMP)

Restriction to commercial re-use

Prohibition of groundwater use

Allowance for Departmental access

Requires a Periodic Review and Report

Box 4

Description of Engineering Controls

Parcel <u>Engineering Control</u>

141.11-1-52

Cover System

Engineering Control Description:

	Periodic Review Report (PRR) Certification Statements	
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	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	
	\mathbf{X}	
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	YES NO	
	f X	
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	Signature of Owner, Remedial Party or Designated Representative Date	

IC CERTIFICATIONS SITE NO. C915197K

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

John Copellino printrame	at 95 Perry St. But print business addr	IGG, NY 14203, ress
am certifying as		(Owner or Remedial Party)
for the Site named in the Site Details Sec Signature of Owner, Remedial Party, or I Rendering Certification		519/ 2000 Date

Box 7

Qualified Environmental Professional Signature

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