

David Szymanski, Project Manager
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203-2915

Arcadis of New York, Inc.
50 Fountain Plaza, Suite 600,
Buffalo, New York 14202
Tel 716.667.0900
Fax 716.667.0279

Subject:
Flexo Transparent, LLC - BCP Site C915228
Periodic Review Report and Institutional Control Certification

ENVIRONMENT

Dear Mr. Szymanski:

On behalf of Flexo Transparent, LLC, Arcadis of New York, Inc. (Arcadis) is submitting the annual Periodic Review Report (PRR) and Institutional Control (IC) Certification for Brownfield Clean-Up Program (BCP) Site C915228, located at 1122-1146 Seneca Street in Buffalo, New York, hereafter referred to as the Site. Arcadis completed an inspection of the Site on May 24, 2016. Photographs taken during the Site inspection are included as Appendix A.

Date:
July 13, 2016

Contact:
Ben Girard

Phone:
716.667.6645

Email:
Ben.Girard@Arcadis-us.com

Our ref:
6105002.0006

As identified in the New York State Department of Environmental Conservation (NYSDEC) approved Site Management Plan, institutional controls currently enacted for this Site include an Environmental Easement and an Excavation Work Plan. In accordance with the Environmental Easement, the Site inspection confirmed that the Site is actively used by the Site owner for industrial warehouse purposes. Groundwater from beneath the Site is not used for any purpose.

In October 2015, an emergency sewer repair required excavation of soil. These activities were overseen by Arcadis and conducted in compliance with the Site Management Plan. A summary of these activities is included in the report. Photographs of the sewer repair is included as Appendix B and waste documentation is included as Appendix C.

Please note that in 2015, property addresses 1122, 1132, and 1146 Seneca Street, Buffalo, NY 14210, Erie County (parcels 123.29-1-12, 123.29-1-11, 123.29-1-10) underwent a change in ownership from previous owner RSB Enterprises, LLC to the current ownership by multiple parties as broken down below:

OCC Equity Holdings, LP	– 85% ownership
Flexo Holdings, Inc.	– 11% ownership
Sidereal Capital Group, LLC	– 4% ownership

The change in ownership has not affected use of the Site. The IC Certification forms have been updated to reflect OCC Equity Holdings, LP as the current majority owner. The IC Certification form is included as Appendix D.

Flexo Transparent, LLC is in the process of filing the form "Notice of Transfer of Certificate of Completion" with the Erie County Clerk's Office and NYSDEC as required by the New York State BCP. This filing will update the property ownership in the NYSDEC database.

If you require additional information or would like to discuss this submittal further, please contact me at 716-667-6645.

Sincerely,
Arcadis of New York, Inc.



Ben Girard
Project Manager

Enclosures

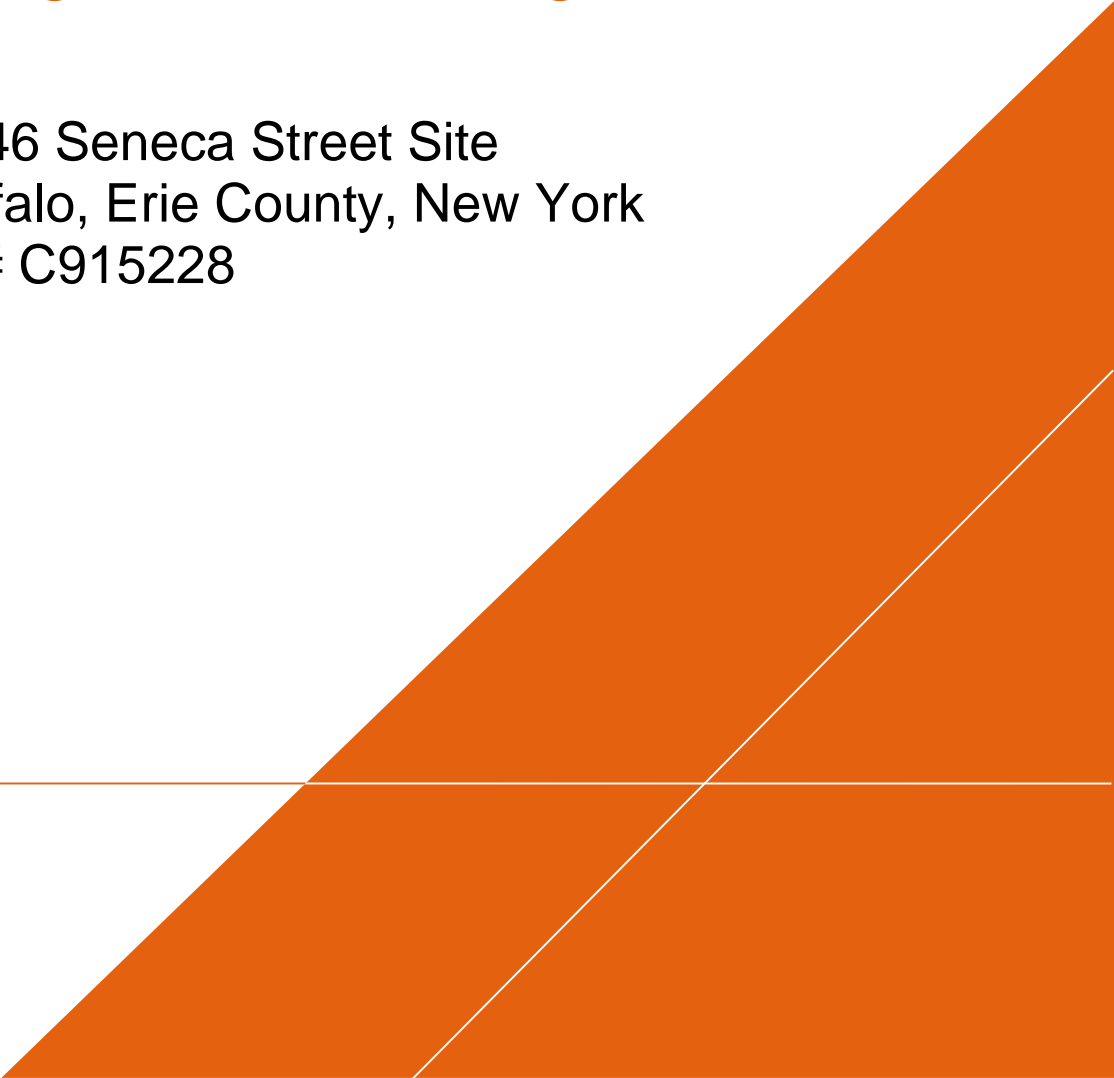
CC:
B. Mabry (Flexo)
D. Steger (Flexo)
K.Clubine (ARCADIS)

Flexo Transparent, LLC
28 Wasson Street
Buffalo, New York 14140

PERIODIC REVIEW REPORT

1122 – 1146 Seneca Street Site
City of Buffalo, Erie County, New York
BCP Site # C915228

July 2016



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- A. Annual PRR Site Inspection Photographic Log
- B. Sewer Repair Photographic Log
- C. Sewer Repair Waste Documentation
- D. IC Certification Form

1 INTRODUCTION

As a requirement of the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program, Arcadis has prepared this Periodic Review Report (PRR) for the 1132 - 1146 Seneca Street Site (Site) (BCP Site # C915228) in Buffalo, New York. The Site was purchased by Flexo Transparent (Flexo), remediated under the BCP, and is now used as Flexo's warehouse and manufacturing facility. The Site comprises three adjacent properties; addresses 1122, 1132, and 1146 Seneca Street in Buffalo, New York. A single large building is present on the middle parcel. The warehouse and manufacturing building was formerly used as an electrical transformer manufacturing facility and historic records indicate that former brick and lumber manufacturing facilities once occupied the eastern (1146 Seneca) lot. This eastern lot was vacant land at the time that Flexo purchased it. The three-parcel Site totals 4.2 acres in size. Flexo's Site redevelopment included removal of contaminated soil and replacement with clean soil. The 4.2 acre Site is bounded to the north by a vacant lot, to the south by Seneca Street, to the east by single family residential properties, and to the west by the City of Buffalo Highway garage. The location of the Site is shown on Figure 1 and additional details of the Site property with lot lines and Site features are provided on Figure 2.

2 SITE OVERVIEW

Elevated concentrations of polychlorinated biphenyls (PCBs) were first detected on the 1132 Seneca Street property between October 1989 and November 1990. A Phase I Environmental Site Assessment (ESA) was completed by Malcolm Pirnie in September 2007 and listed several recognized environmental conditions (RECs) including; the presence of PCBs in soil near the loading dock, and reports of "oily/greasy" soil north of the transformer manufacturing building. A Phase II Investigation was completed by Malcolm Pirnie in March 2008 revealing elevated levels of PCBs and SVOCs within the Site soils.

Based on the confirmed presence of chemicals of concern in on-Site soil, Flexo Transparent volunteered to further investigate and cleanup the Site under the State's Brownfield Cleanup Program (BCP). As part of the BCP process, a Remedial Investigation was completed at the Site in 2009 to determine the degree and extent of contamination. Interim remedial measures were implemented concurrent with the RI and included removal of PCB-impacted soil from the loading dock and the area north of the Site building and a leaking underground storage tank from the 1132 Seneca Street property. A Remedial Work Plan (RWP) was prepared and approved by the NYSDEC in 2010 to clean up the remainder of the Site.

3 REMEDIAL ACTIVITIES

The Site was remediated in 2010 to achieve a Track 2 level cleanup by removing soil/fill materials that contained constituents of concern at concentrations greater than the restricted industrial Soil Cleanup Objectives (SCOs) and disposed at an off-Site NYSDEC-permitted and approved disposal facility. The Track 2 level cleanup allows Flexo to forgo the use of engineering controls, such as a soil cover system. Institutional Controls (ICs) are required and in place and include restrictions on land use and groundwater use. The Site can only be used for industrial use, not commercial or residential and groundwater from beneath the Site may not be used without prior treatment and written permission of the NYSDEC. These ICs are recorded in an Environmental Easement which is a part of the Site Management Plan.

The Site remedial action included removal of PCB-impacted soil/fill from the 1122 and 1132 Seneca Street properties and the removal of benzo(a)pyrene (BAP)-impacted soil/fill from the 1146 Seneca Street property. Excavation, confirmation sampling, and backfilling with clean soil were performed as part of the removal process. Figure 3 illustrates the location and depth of impacted soil/fill removed from the Site to comply with the Remedial Work Plan.

Malcolm Pirnie personnel provided oversight, consultation, and documentation of Site redevelopment activities that involved excavation and handling of soil/fill. Site excavation activities were observed and screened by a qualified environmental professional. Characterization sampling was performed at a frequency of approximately one sample per up to 2,000 cubic yards. A total of 11 samples were collected between July 2010 and May 2011. Based on the results of the required analytical testing, the excavated Site soils were reused on Site as subgrade soils within green space. No Site soils were reused as utility trench backfill. Utility trenches were backfilled with clean crushed stone. The remedial actions are summarized in greater detail in the Final Engineering Report (Malcolm Pirnie, 2010a).

Redevelopment activities at the Flexo Transparent facility have resulted in approximately 80 percent of the Site being covered by the Site building, paved parking, roadways, and walkways. Areas of the Site not covered by the building or pavement are fully vegetated. Figure 4 illustrates the current Site features and types of surface coverage now in place.

As a requirement of the BCP, post remedial obligations remain in place for the current Site owner (Flexo) as provided in the Site Management Plan (SMP) (Malcolm Pirnie, 2010). The SMP contains three primary parts as described below:

- Excavation Work Plan (EWP) – describes specific monitoring, sampling, and handling requirements to be followed during future on-Site excavation activity.
- The Environmental Easement – spells out, among other things, the owner obligations for; DEC’s rights of Site access, implementation of the SMP, annual certification of institutional controls, and scheduled completion of a Periodic Review Report (PRR).
- Periodic Review Report (PRR) – including the Engineering Control/Institutional Controls (EC/IC) Certification Form to be completed for periodic certification of the institutional controls listed above.

4 SITE INSPECTION

A Site inspection was conducted on May 24, 2016. The Site inspection consisted of a visual Site walk-over to observe and photograph current Site conditions and compliance with the institutional controls system. The Site inspection indicated the Site is actively used by the Site owner for industrial warehouse and manufacturing purposes. Groundwater from beneath the Site is not used for any purpose and no excavations of soil/fill were currently taking place. Photographs taken during the May 24, 2016 Site inspection are included as Appendix A.

In October 2015, Arcadis also supervised repair of a Flexo property sanitary sewer that required intrusive groundwork in compliance with the SMP. Arcadis notified the NYSDEC of emergency excavation activities performed on October 1, 2015 and October 2, 2015. Oversight activities included excavated solid material screening, staging, and waste management. Arcadis collected a sample of excavated materials for laboratory waste characterization analysis of flashpoint, pH, PCBs, TCLP metal, TCLP VOC, and TCLP SVOC as required for disposal at Waste Management Chaffee Landfill. The excavation generated 9.5 tons of soil, which was transported to the landfill on November 19, 2016. The sewer repair photographs and waste documentation are included as Appendix B and Appendix C, respectively.

5 COMPLIANCE WITH INSTITUTIONAL CONTROLS

Institutional Controls (IC) currently enacted for the 1132-1146 Seneca Street Site include:

- Excavation Work Plan;
- Environmental Easement.

5.1 The Excavation Work Plan

The Excavation Work Plan (EWP) is designed to provide for the protection of human health and the environment during redevelopment and use of the Site. The EWP documents known Site background information and describes requisite handling procedures for subsurface contamination, if encountered. The EWP establishes protocols to be implemented during the following events for redevelopment and infrastructure improvements. The protocols provide for and include:

- Sampling, handling, excavation and grading of on-Site soils.
- Standards for soil/fill acceptability from off-Site sources for use as on-Site backfill, subgrade fill, or cover material.
- Erosion and dust control.
- Health and safety procedures for Site construction work.

Any construction or redevelopment activities that take place at the Site will follow the protocols outlined in the EWP.

5.2 Environmental Easement

An Environmental Easement pursuant of Title 36 to Article 71 of the New York State Environmental Conservation Law, and the NYSDEC was granted for the Site. The easement was signed on September 15, 2010 and accepted by the State of New York on September 30, 2010. The easement stipulates that the property can be used for industrial purposes contingent upon the long-term implementation of the institutional controls summarized below:

- Site (Controlled Property) soil/fill that is excavated on the Controlled Property will be managed, characterized and properly disposed of in accordance with NYSDEC regulations, directives, and the Excavation Work Plan.
- Site (Controlled Property) groundwater may not be used unless rendered safe for drinking or industrial use, as appropriate, subsequent to obtaining permission from the regulatory agency.
- Use of the Controlled Property for day care, child or medical care is prohibited without an express written waiver from the governing regulatory agency.
- The use of the Controlled Property will not be elevated to an unrestricted, residential, or commercial property without an amendment or extinguishment of the Environmental Easement.
- Until such time that the Environmental Easement is extinguished, the property deed and all instruments of conveyance related to the Controlled Property will state in 15-point bold font type that “This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant of Title 36 to Article 71 of the Environmental Conservation Law”.
- All leases, licenses or other instruments granting use of the Controlled Property will be subject to the Environmental Easement.
- The owner of the Controlled Property will submit a written statement to the NYSDEC that certifies that all approved institutional controls are unchanged and have remained in effect. Currently this is required annually.

5.3 IC Conclusions

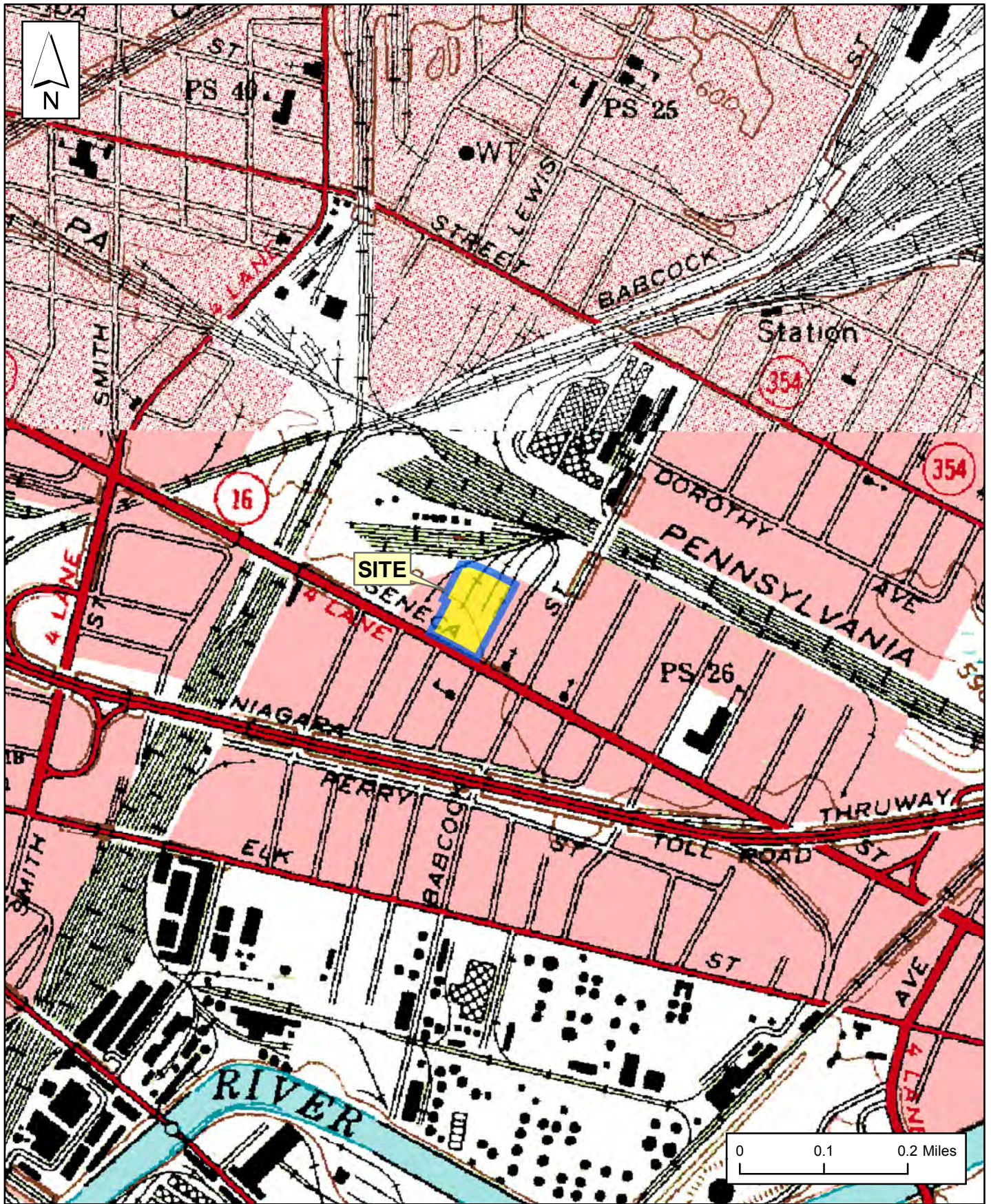
As confirmed by the Site owners’ implementation of the Excavation Work Plan during excavation activities, observations made by Arcadis during the May 24, 2016 Site visit, and the owner-signed IC Certification form (Appendix D), the institutional controls required in the Environmental Easement are being followed by the Site owner and remain in effect.

6 REFERENCES

- Malcolm Pirnie. 2010a. *Final Engineering Report 1132-1146 Seneca Street Site Erie County, New York, NYSDEC Site Number: C915228*
- Malcolm Pirnie. 2010b. *Remedial Investigation Report / Remedial Work Plan 1132-1146 Seneca Street Site Erie County, New York, NYSDEC Site Number: C915228.*
- Malcolm Pirnie. 2010c. *Site Management Plan 1132 – 1146 Seneca Street Site City Of Buffalo, Erie County, New York, NYSDEC Site Number: BCP Site C915228.*
- New York State Department of Environmental Conservation (NYSDEC). 2010. *DER-10 / Technical Guidance for Site Investigation and Remediation*

FIGURES



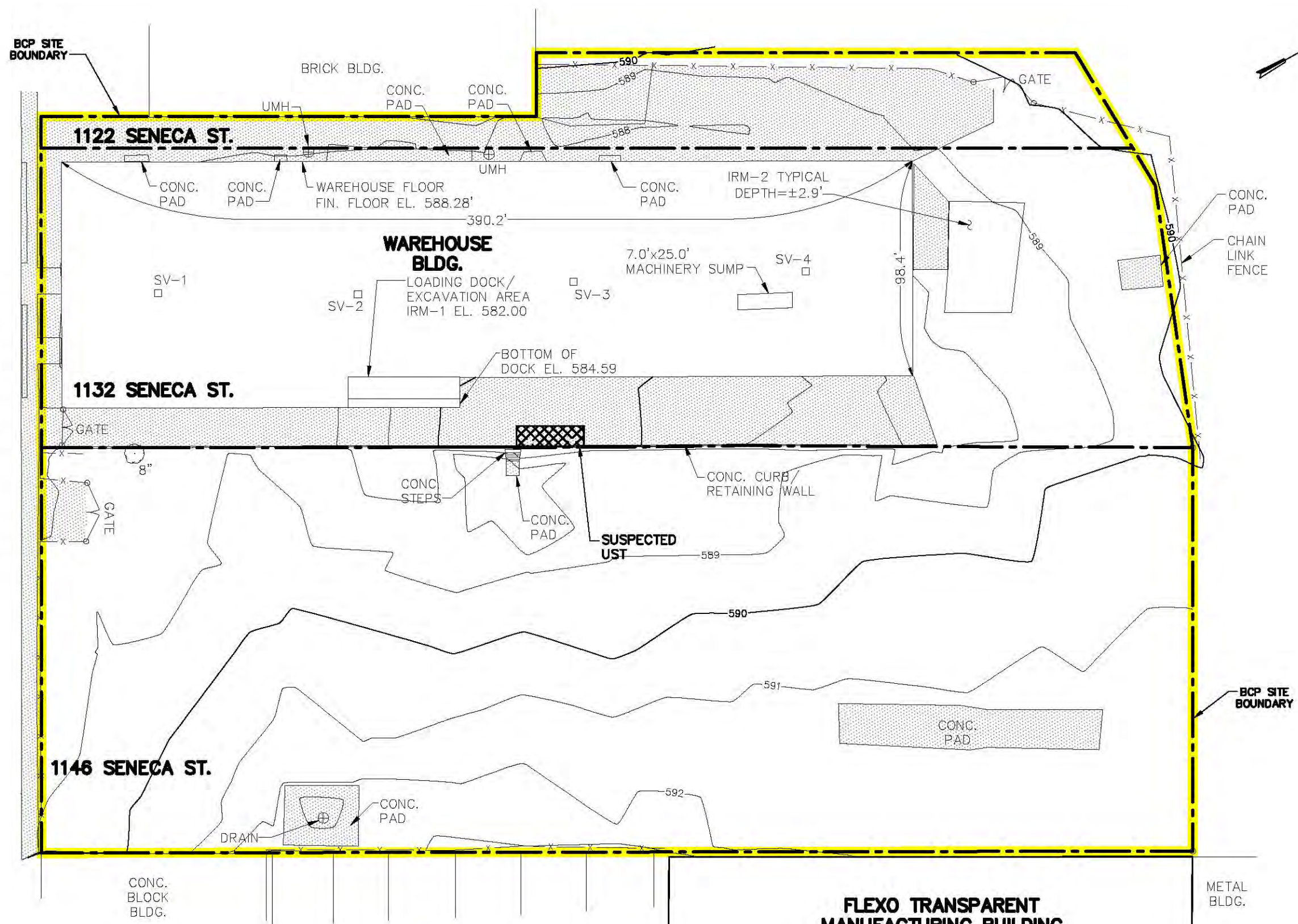


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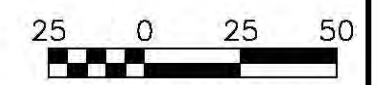
LEGEND

-  BCP SITE BOUNDARY
-  PARCEL BOUNDARY

SENECA STREET (66.0')



FLEXO TRANSPARENT MANUFACTURING BUILDING
 (CONC. BLOCK BLDG.)



SCALE: 1" = 50'

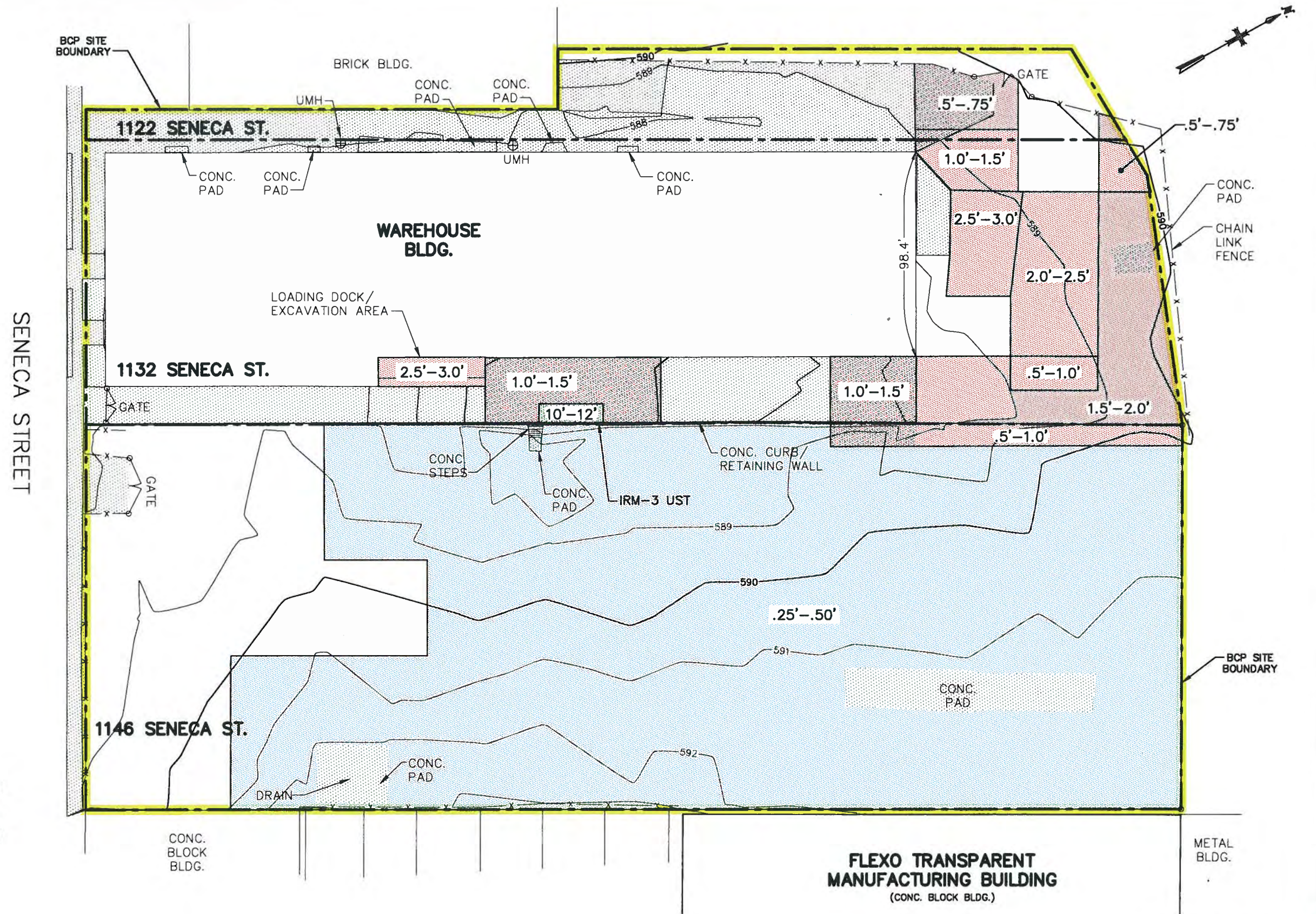


FLEXO TRANSPARENT, INC.
 BUFFALO, NEW YORK
PERIODIC REVIEW REPORT
 1132-1146 SENECA STREET BCP REDEVELOPMENT

SITE PARCEL MAP

SCALE: 1"=50'

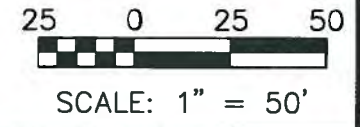
ARCADIS U.S., INC.
 FEBRUARY 2012
FIGURE 2



LEGEND


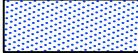
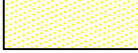
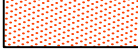
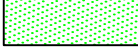
- BCP SITE BOUNDARY
- PARCEL BOUNDARY
- PCB IMPACTED SOIL AREA W/ DEPTH OF EXCAVATION
- BAP IMPACTED SOIL AREA W/ DEPTH OF EXCAVATION
- UST AREA

NOTE:
 PCB IMPACTED SOIL AREAS BACKFILLED WITH CRUSHED STONE.





LEGEND

-  PROPERTY LINE
-  ASPHALT PAVEMENT
-  CONCRETE
-  BUILDING
-  LAWN/LANDSCAPING



APPENDIX A

Annual PRR Site Inspection Photographic Log



Photo No. 1	Date: 5/24/2016
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Description:

Southern boundary of 1132 Seneca Street (Building #5) and 1146 Seneca Street (parking lot and vegetated area) run parallel to sidewalk.



Photo No. 2	Date: 5/24/2016
-----------------------	---------------------------

Description:

Building #5, situated on parcel 1132 Seneca Street, and parking lot, situated on parcel 1146 Seneca Street.



Photo No. 3	Date: 5/24/2016
-----------------------	---------------------------

Description:

Back of Building #5 (facing east side of building), situated on parcel 1132 Seneca Street, and parking lot, situated on parcel 1146 Seneca Street.



Photo No. 4	Date: 5/24/2016
Description: Fully vegetated area behind parking lot on north side of parcel 1146 Seneca Street.	



Photo No. 5	Date: 5/24/2016
Description: Fully vegetated area, situated on parcel 1146 Seneca Street. Back of Building #5 shown on left on 1132 Seneca Street.	



Photo No. 6	Date: 5/24/2016
Description: Driveway runs north/south along eastern boundary of parcel 1132 Seneca Street. Building #5 shown on right.	




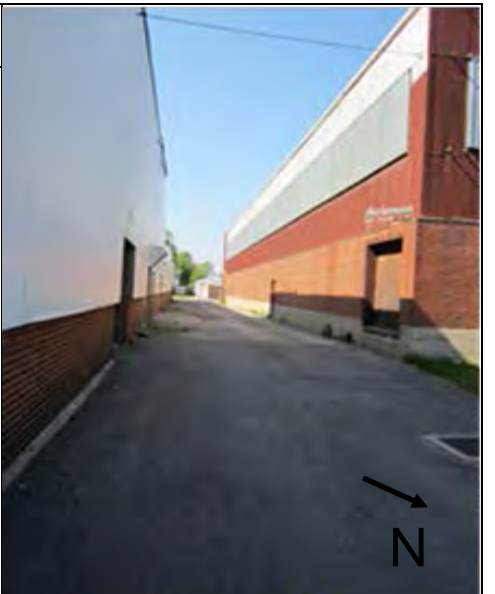
Photo No. 7	Date: 5/24/2016	
<p>Description:</p> <p>Driveway runs behind Building #5 on north side of the site. Building across the lawn is the manufacturing building at 28 Wasson Street.</p>		

Photo No. 8	Date: 5/24/2016	
<p>Description:</p> <p>Driveway runs behind Building #5 on north side of the site.</p>		

Photo No. 9	Date: 5/24/2016	
<p>Description:</p> <p>Undisturbed paved area (installed prior to Flexo Transparent), situated on parcel 1122 Seneca Street. Building #5, situated on parcel 1132 Seneca Street, shown at left. City of Buffalo property shown on right.</p>		

APPENDIX B

Sewer Repair Photographic Log

IC Certification Form



Photo No. 1	Date: 10/01/2015
Description: Utility mark-outs at the southeast corner of Building #5, situated on parcel 1132 Seneca Street.	



Photo No. 2	Date: 10/01/2015
Description: Excavation of the sewer at the southeast corner Building #5, situated on parcel 1132 Seneca Street. Soil is staged on poly sheeting. The excavator and staged soil is positioned on parcel 1122 Seneca Street.	




Photo No.3 (Left)
Date: 10/2/2015
Description: Bottom of excavation.
Photo No.4 (Right)
Date: 10/2/2015
Description: Newly installed sewer pipe.



	Photo No.5 (Left)	
	Date: 10/2/2015	
	Description: Approximately 7 yards of clean 1" minus stone/gravel was used to backfill the excavation.	
	Photo No.6 (Right)	
	Date: 10/2/2015	
	Description: Backfill of excavation in process.	

Photo No. 7	Date: 10/2/2015	
Description: Excavated soil staged on poly sheeting.		

Photo No. 8	Date: 10/2/2015	
Description: Roll-off of excavated soil staged onsite awaiting transportation and disposal, which was completed 11/19/2015.		

APPENDIX C

Sewer Repair Waste Documentation





Requested Facility: CHAFFEE LANDFILL Unsure Profile Number: _____
 Multiple Generator Locations (Attach Locations) Request Certificate of Disposal Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. Generator Name: Flexo Transparent Inc.
2. Site Address: 1122 Seneca Street
(City, State, ZIP) Buffalo, NY 14210
3. County: Erie
4. Contact Name: Tom Neuman
5. Email: tneuman@flexotransparent.com
6. Phone: 716-541-0135 7. Fax: 716-541-0625
8. Generator EPA ID: _____ N/A
9. State ID: _____ N/A

B. BILLING INFORMATION SAME AS GENERATOR
1. Billing Name: Flexo Transparent, Inc.
2. Billing Address: 28 Wasson Street St
(City, State, ZIP) Buffalo, NY 14210
3. Contact Name: Thomas Neuman
4. Email: tneuman@flexotransparent.com
5. Phone: 716-541-0135 6. Fax: 716-541-0625
7. WM Hauled? Yes No
8. P.O. Number: M26632
9. Payment Method: Credit Account Cash Credit Card

C. MATERIAL INFORMATION
1. Common Name: PCB impacted soil
Describe Process Generating Material: See Attached

The site includes a former electrical transformer manufacturing facility. A sewer blockage onsite required excavation to access the pipe. Excavated material was screened per the Site Management Plan instituted in accordance with the NYSDEC Brownfield Clean Up Program .

2. Material Composition and Contaminants: See Attached

1. soil	95%-98%
2. stone	2%-5%
3. clay tile	<1%
4. PCB-1260 0.51 mg/kg	
Total composition must be equal to or greater than 100%	≥100%

3. State Waste Codes: _____ N/A
4. Color: brown
5. Physical State at 70°F: Solid Liquid Other: _____
6. Free Liquid Range Percentage: _____ to _____ N/A
7. pH: 9.19 to 9.19 N/A
8. Strong Odor: Yes No Describe: _____
9. Flash Point: <140°F 140°-199°F ≥200° N/A
>176 F

D. REGULATORY INFORMATION
1. EPA Hazardous Waste? Yes* No
Code: _____
2. State Hazardous Waste? Yes No
Code: _____
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? Yes* No
4. Contains Underlying Hazardous Constituents? Yes* No
5. Contains benzene and subject to Benzene NESHAP? Yes* No
6. Facility remediation subject to 40 CFR 63 GGGGG? Yes* No
7. CERCLA or State-mandated clean-up? Yes* No
8. NRC or State-regulated radioactive or NORM waste? Yes* No
***If Yes, see Addendum (page 2) for additional questions and space.**
9. Contains PCBs? → If Yes, answer a, b and c. Yes No
a. Regulated by 40 CFR 761? Yes No
b. Remediation under 40 CFR 761.61 (a)? Yes No
c. Were PCB imported into the US? Yes No
10. Regulated and/or Untreated Medical/Infectious Waste? Yes No
11. Contains Asbestos? Yes No
→ If Yes: Non-Friable Non-Friable - Regulated Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION
1. Analytical attached Yes
Please identify applicable samples and/or lab reports:

Sample ID FLEXO_SOIL_20151008
Lab Sample ID: 480-88741-1

2. Other information attached (such as MSDS)? Yes

F. SHIPPING AND DOT INFORMATION
1. One-Time Event Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: ~7
 Tons Yards Drums Gallons Other: _____
3. Container Type and Size: roll off
4. USDOT Proper Shipping Name: _____ N/A
Non-RCRA, Non-DOT Solids, N.O.S (PCB impacted soil)

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)
By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

If I am an agent signing on behalf of the Generator, I have confirmed with the Generator that information contained in this Profile is accurate and complete.
Name (Print): Ben Girard Date: 11/5/2015
Title: Project Manager
Company: Arcadis of New York, Inc. on behalf of Flexo Transparent, Inc.

Certification Signature


FLEXO
TRANSPARENT, LLC

FLEXO TRANSPARENT, LLC

28 Wasson Street
P.O. Box 128
Buffalo, New York 14240-0128

Tel: 716/825-7710

Fax: 716/825-0139

October 29, 2015

Flexo Transparent, LLC gives ARCADIS authority to sign for special waste disposal on our behalf.

Sincerely,



Brian M. Mabry

President, Flexo Transparent, LLC



Chaffee LF
10860 Gleam Rd
Chaffee, NY, 14030
Ph: (716) 496-5000

Original
Ticket# 462457

Customer Name WM-CLIROLLOFF WM-CLI ROLL OFF
Ticket Date 11/19/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 879624
Destination
PO
Carrier WM WASTE MANAGEMENT
Vehicle# 405302200
Container
Driver
Check#
Billing # 00000001
Gen EPA ID NOT REQUIRED

Profile 115736NY (NH PCB IMPACTED SOIL)
Generator 190-FLEX0TRANSPARENT FLEX0 TRANSPARENT INC

Time	Scale	Operator	Inbound	Gross
In 11/19/2015 15:20:52	INBOUND	jchapman7		54320 lb
Out 11/19/2015 15:47:51	OUTBOUND	jchapman7		25300 lb
				19020 lb
				9.51

Comments 118530 - FLEX0 TRANSPARENT

WASTE MANAGEMENT

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-R6C- 100		9.51	Tons				ERI

Total Fees
Total Ticket

Driver's Signature

266-1500



(5) 899684
899684

Please print or type. Form designed for use on ellipse (12-pitch) typewriter.

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number NA		2. Page 1 of 1		3. Emergency Response Phone 716-541-0135		4. Waste Tracking Number WMNH 00022709	
5. Generator's Name and Mailing Address FLEXO-TRANS PARENT 28 WATSON STREET BUFFALO, NY 14210		6. Transporter 1 Company Name WM of NY LLC, 100 Ransier Rd, West Seneca NY 14221		7. Transporter 2 Company Name N/A		8. Designated Facility Name and Site Address WIL CHAFFEE NY LANDFILL 16360 OLEAN RD, CHAFFEE NY 14030		9. U.S. EPA ID Number N/A	
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity		12. Unit Wt/Vol	
1.		Non-RCRA, Non-DOT Solids, N.O.S.		No. Type		1		12	
2.								Tubs	
3.		Profile #115736 NY							
4.									
13. Special Handling Instructions and Additional Information Profile 115736 NY Use Appropriate PPE due to presence of trace PCB									
14. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name Flexo-Transparent Ind		Signature <i>[Signature]</i>		Month Day Year 11 18 15		Port of entry/exit/ Date leaving U.S.			
15. International Shipments		<input type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.					
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Prasad Bhardkar		Signature <i>[Signature]</i>		Month Day Year 11 19 15					
Transporter 2 Printed/Typed Name		Signature		Month Day Year					
17. Discrepancy									
17a. Discrepancy Indication		<input type="checkbox"/> Space		<input type="checkbox"/> Quantity		<input type="checkbox"/> Type		<input type="checkbox"/> Residue	
								<input type="checkbox"/> Full Rejection	
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number									
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator)									
18. Designated Facility Owner or Operator. Certification of receipt of materials covered by the manifest except as noted in item 17a									
Printed/Typed Name Wm Chaffee		Signature <i>[Signature]</i>		Month Day Year 11 17 15					

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-88741-1

Client Project/Site: Flexo Transparent, Buffalo NY

For:

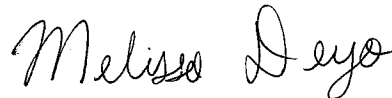
ARCADIS U.S. Inc

50 Fountain Plaza

Suite 600

Buffalo, New York 14202

Attn: Katherine Clubine



Authorized for release by:

10/15/2015 4:44:38 PM

Melissa Deyo, Project Manager I

(716)504-9874

melissa.deyo@testamericainc.com



LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ARCADIS U.S. Inc
Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: ARCADIS U.S. Inc
Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Job ID: 480-88741-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-88741-1

Receipt

The sample was received on 10/8/2015 6:00 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 13.0° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-268574 recovered above the upper control limit for 1,1-Dichloroethene. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following sample is impacted: FLEXO_SOIL_20151008 (480-88741-1).

Method(s) 8260C: The following samples were diluted due to the nature of the TCLP sample matrix: FLEXO_SOIL_20151008 (480-88741-1) and (LB 480-268177/1-A). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA

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

GC Semi VOA

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

Metals

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

General Chemistry

Method(s) 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: FLEXO_SOIL_20151008 (480-88741-1).

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

Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 480-268175 and analytical batch 480-268647.

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

Detection Summary

Client: ARCADIS U.S. Inc
 Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Client Sample ID: FLEXO_SOIL_20151008

Lab Sample ID: 480-88741-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1260	0.51	F1	0.21		mg/Kg	1		☒	8082A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0		Degrees F	1			1010A	Total/NA
corrosivity by pH	9.19	HF	0.100		SU	1			9045D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo



Client Sample Results

Client: ARCADIS U.S. Inc
 Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Client Sample ID: FLEXO_SOIL_20151008

Lab Sample ID: 480-88741-1

Date Collected: 10/08/15 17:00

Matrix: Solid

Date Received: 10/08/15 18:00

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.010		mg/L			10/14/15 05:23	10
2-Butanone (MEK)	ND		0.050		mg/L			10/14/15 05:23	10
Benzene	ND		0.010		mg/L			10/14/15 05:23	10
Carbon tetrachloride	ND		0.010		mg/L			10/14/15 05:23	10
Chlorobenzene	ND		0.010		mg/L			10/14/15 05:23	10
Chloroform	ND		0.010		mg/L			10/14/15 05:23	10
Tetrachloroethene	ND		0.010		mg/L			10/14/15 05:23	10
Trichloroethene	ND		0.010		mg/L			10/14/15 05:23	10
Vinyl chloride	ND		0.010		mg/L			10/14/15 05:23	10
1,1-Dichloroethene	ND		0.010		mg/L			10/14/15 05:23	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		66 - 137		10/14/15 05:23	10
4-Bromofluorobenzene (Surr)	90		73 - 120		10/14/15 05:23	10
Toluene-d8 (Surr)	87		71 - 126		10/14/15 05:23	10
Dibromofluoromethane (Surr)	103		60 - 140		10/14/15 05:23	10

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010		mg/L		10/14/15 07:53	10/15/15 13:23	1
2,4-Dinitrotoluene	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:23	1
2,4,5-Trichlorophenol	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:23	1
2,4,6-Trichlorophenol	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:23	1
2-Methylphenol	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:23	1
3-Methylphenol	ND		0.010		mg/L		10/14/15 07:53	10/15/15 13:23	1
4-Methylphenol	ND		0.010		mg/L		10/14/15 07:53	10/15/15 13:23	1
Hexachlorobenzene	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:23	1
Hexachlorobutadiene	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:23	1
Hexachloroethane	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:23	1
Nitrobenzene	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:23	1
Pentachlorophenol	ND		0.010		mg/L		10/14/15 07:53	10/15/15 13:23	1
Pyridine	ND		0.025		mg/L		10/14/15 07:53	10/15/15 13:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	92		52 - 132	10/14/15 07:53	10/15/15 13:23	1
2-Fluorobiphenyl	83		48 - 120	10/14/15 07:53	10/15/15 13:23	1
2-Fluorophenol (Surr)	50		20 - 120	10/14/15 07:53	10/15/15 13:23	1
Nitrobenzene-d5 (Surr)	76		46 - 120	10/14/15 07:53	10/15/15 13:23	1
p-Terphenyl-d14 (Surr)	98		67 - 150	10/14/15 07:53	10/15/15 13:23	1
Phenol-d5 (Surr)	34		16 - 120	10/14/15 07:53	10/15/15 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015		mg/L		10/13/15 11:35	10/14/15 09:43	1
Barium	ND		1.0		mg/L		10/13/15 11:35	10/14/15 09:43	1
Cadmium	ND		0.0020		mg/L		10/13/15 11:35	10/14/15 09:43	1
Chromium	ND		0.020		mg/L		10/13/15 11:35	10/14/15 09:43	1
Lead	ND		0.020		mg/L		10/13/15 11:35	10/14/15 09:43	1
Selenium	ND		0.025		mg/L		10/13/15 11:35	10/14/15 09:43	1
Silver	ND		0.0060		mg/L		10/13/15 11:35	10/14/15 09:43	1

TestAmerica Buffalo

Client Sample Results

Client: ARCADIS U.S. Inc
 Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Client Sample ID: FLEXO_SOIL_20151008

Lab Sample ID: 480-88741-1

Date Collected: 10/08/15 17:00

Matrix: Solid

Date Received: 10/08/15 18:00

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/13/15 12:00	10/13/15 16:14	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0		Degrees F			10/10/15 17:19	1
corrosivity by pH	9.19	HF	0.100		SU			10/12/15 21:45	1

Client Sample ID: FLEXO_SOIL_20151008

Lab Sample ID: 480-88741-1

Date Collected: 10/08/15 17:00

Matrix: Solid

Date Received: 10/08/15 18:00

Percent Solids: 83.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21		mg/Kg	☼	10/09/15 07:44	10/09/15 14:28	1
PCB-1221	ND		0.21		mg/Kg	☼	10/09/15 07:44	10/09/15 14:28	1
PCB-1232	ND		0.21		mg/Kg	☼	10/09/15 07:44	10/09/15 14:28	1
PCB-1242	ND		0.21		mg/Kg	☼	10/09/15 07:44	10/09/15 14:28	1
PCB-1248	ND		0.21		mg/Kg	☼	10/09/15 07:44	10/09/15 14:28	1
PCB-1254	ND		0.21		mg/Kg	☼	10/09/15 07:44	10/09/15 14:28	1
PCB-1260	0.51	F1	0.21		mg/Kg	☼	10/09/15 07:44	10/09/15 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	99		60 - 154	10/09/15 07:44	10/09/15 14:28	1
DCB Decachlorobiphenyl	95		65 - 174	10/09/15 07:44	10/09/15 14:28	1

Surrogate Summary

Client: ARCADIS U.S. Inc
Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Method: 8260C - TCLP Volatiles

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	12DCE	BFB	TOL	DBFM
		(66-137)	(73-120)	(71-126)	(60-140)
LCS 480-268574/4	Lab Control Sample	98	91	98	108
MB 480-268574/6	Method Blank	93	87	96	106

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - TCLP Volatiles

Matrix: Solid

Prep Type: TCLP

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	12DCE	BFB	TOL	DBFM
		(66-137)	(73-120)	(71-126)	(60-140)
480-88741-1	FLEXO_SOIL_20151008	87	90	87	103
LB 480-268177/1-A	Method Blank	96	86	96	103

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - TCLP Semivolatiles

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP	FBP	2FP	NBZ	TPH	PHL
		(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
LCS 480-268647/2-A	Lab Control Sample	96	83	48	69	97	36
LCSD 480-268647/3-A	Lab Control Sample Dup	98	82	44	69	97	32
MB 480-268647/1-A	Method Blank	83	68	35	56	102	25

Surrogate Legend

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

Method: 8270D - TCLP Semivolatiles

Matrix: Solid

Prep Type: TCLP

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP	FBP	2FP	NBZ	TPH	PHL
		(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-88741-1	FLEXO_SOIL_20151008	92	83	50	76	98	34
LB 480-268175/1-D	Method Blank	91	87	51	76	98	35

TestAmerica Buffalo

Surrogate Summary

Client: ARCADIS U.S. Inc
Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Surrogate Legend

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

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2	DCB2
		(60-154)	(65-174)
480-88741-1	FLEXO_SOIL_20151008	99	95
480-88741-1 MS	FLEXO_SOIL_20151008	121	127
480-88741-1 MSD	FLEXO_SOIL_20151008	113	119
LCS 480-267806/2-A	Lab Control Sample	121	120
MB 480-267806/1-A	Method Blank	105	104

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: ARCADIS U.S. Inc
 Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Method: 8260C - TCLP Volatiles

Lab Sample ID: MB 480-268574/6
Matrix: Solid
Analysis Batch: 268574

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.0010		mg/L			10/13/15 22:56	1
2-Butanone (MEK)	ND		0.0050		mg/L			10/13/15 22:56	1
Benzene	ND		0.0010		mg/L			10/13/15 22:56	1
Carbon tetrachloride	ND		0.0010		mg/L			10/13/15 22:56	1
Chlorobenzene	ND		0.0010		mg/L			10/13/15 22:56	1
Chloroform	ND		0.0010		mg/L			10/13/15 22:56	1
Tetrachloroethene	ND		0.0010		mg/L			10/13/15 22:56	1
Trichloroethene	ND		0.0010		mg/L			10/13/15 22:56	1
Vinyl chloride	ND		0.0010		mg/L			10/13/15 22:56	1
1,1-Dichloroethene	ND		0.0010		mg/L			10/13/15 22:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		66 - 137		10/13/15 22:56	1
4-Bromofluorobenzene (Surr)	87		73 - 120		10/13/15 22:56	1
Toluene-d8 (Surr)	96		71 - 126		10/13/15 22:56	1
Dibromofluoromethane (Surr)	106		60 - 140		10/13/15 22:56	1

Lab Sample ID: LCS 480-268574/4
Matrix: Solid
Analysis Batch: 268574

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	0.0250	0.0249		mg/L		100	75 - 127
2-Butanone (MEK)	0.125	0.105		mg/L		84	57 - 140
Benzene	0.0250	0.0264		mg/L		106	71 - 124
Carbon tetrachloride	0.0250	0.0262		mg/L		105	72 - 134
Chlorobenzene	0.0250	0.0264		mg/L		106	72 - 120
Chloroform	0.0250	0.0269		mg/L		108	73 - 127
Tetrachloroethene	0.0250	0.0239		mg/L		96	74 - 122
Trichloroethene	0.0250	0.0271		mg/L		108	74 - 123
Vinyl chloride	0.0250	0.0264		mg/L		106	65 - 133
1,1-Dichloroethene	0.0250	0.0270		mg/L		108	58 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		66 - 137
4-Bromofluorobenzene (Surr)	91		73 - 120
Toluene-d8 (Surr)	98		71 - 126
Dibromofluoromethane (Surr)	108		60 - 140

Lab Sample ID: LB 480-268177/1-A
Matrix: Solid
Analysis Batch: 268574

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.010		mg/L			10/14/15 03:47	10
2-Butanone (MEK)	ND		0.050		mg/L			10/14/15 03:47	10
Benzene	ND		0.010		mg/L			10/14/15 03:47	10

TestAmerica Buffalo

QC Sample Results

Client: ARCADIS U.S. Inc
 Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-268177/1-A
Matrix: Solid
Analysis Batch: 268574

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		0.010		mg/L			10/14/15 03:47	10
Chlorobenzene	ND		0.010		mg/L			10/14/15 03:47	10
Chloroform	ND		0.010		mg/L			10/14/15 03:47	10
Tetrachloroethene	ND		0.010		mg/L			10/14/15 03:47	10
Trichloroethene	ND		0.010		mg/L			10/14/15 03:47	10
Vinyl chloride	ND		0.010		mg/L			10/14/15 03:47	10
1,1-Dichloroethene	ND		0.010		mg/L			10/14/15 03:47	10
Surrogate	LB %Recovery	LB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		66 - 137					10/14/15 03:47	10
4-Bromofluorobenzene (Surr)	86		73 - 120					10/14/15 03:47	10
Toluene-d8 (Surr)	96		71 - 126					10/14/15 03:47	10
Dibromofluoromethane (Surr)	103		60 - 140					10/14/15 03:47	10

Method: 8270D - TCLP Semivolatiles

Lab Sample ID: MB 480-268647/1-A
Matrix: Solid
Analysis Batch: 268815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 268647

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0025		mg/L		10/14/15 07:53	10/15/15 11:37	1
2,4-Dinitrotoluene	ND		0.0013		mg/L		10/14/15 07:53	10/15/15 11:37	1
2,4,5-Trichlorophenol	ND		0.0013		mg/L		10/14/15 07:53	10/15/15 11:37	1
2,4,6-Trichlorophenol	ND		0.0013		mg/L		10/14/15 07:53	10/15/15 11:37	1
2-Methylphenol	ND		0.0013		mg/L		10/14/15 07:53	10/15/15 11:37	1
3-Methylphenol	ND		0.0025		mg/L		10/14/15 07:53	10/15/15 11:37	1
4-Methylphenol	ND		0.0025		mg/L		10/14/15 07:53	10/15/15 11:37	1
Hexachlorobenzene	ND		0.0013		mg/L		10/14/15 07:53	10/15/15 11:37	1
Hexachlorobutadiene	ND		0.0013		mg/L		10/14/15 07:53	10/15/15 11:37	1
Hexachloroethane	ND		0.0013		mg/L		10/14/15 07:53	10/15/15 11:37	1
Nitrobenzene	ND		0.0013		mg/L		10/14/15 07:53	10/15/15 11:37	1
Pentachlorophenol	ND		0.0025		mg/L		10/14/15 07:53	10/15/15 11:37	1
Pyridine	ND		0.0063		mg/L		10/14/15 07:53	10/15/15 11:37	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	83		52 - 132				10/14/15 07:53	10/15/15 11:37	1
2-Fluorobiphenyl	68		48 - 120				10/14/15 07:53	10/15/15 11:37	1
2-Fluorophenol (Surr)	35		20 - 120				10/14/15 07:53	10/15/15 11:37	1
Nitrobenzene-d5 (Surr)	56		46 - 120				10/14/15 07:53	10/15/15 11:37	1
p-Terphenyl-d14 (Surr)	102		67 - 150				10/14/15 07:53	10/15/15 11:37	1
Phenol-d5 (Surr)	25		16 - 120				10/14/15 07:53	10/15/15 11:37	1

TestAmerica Buffalo

QC Sample Results

Client: ARCADIS U.S. Inc
 Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Method: 8270D - TCLP Semivolatiles (Continued)

Lab Sample ID: LCS 480-268647/2-A
Matrix: Solid
Analysis Batch: 268815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 268647

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,4-Dichlorobenzene	0.0500	0.0259		mg/L		52	32 - 120
2,4-Dinitrotoluene	0.0500	0.0481		mg/L		96	65 - 154
2,4,5-Trichlorophenol	0.0500	0.0447		mg/L		89	65 - 126
2,4,6-Trichlorophenol	0.0500	0.0451		mg/L		90	64 - 120
2-Methylphenol	0.0500	0.0341		mg/L		68	39 - 120
3-Methylphenol	0.0500	0.0333		mg/L		67	39 - 120
4-Methylphenol	0.0500	0.0333		mg/L		67	39 - 120
Hexachlorobenzene	0.0500	0.0446		mg/L		89	14 - 130
Hexachlorobutadiene	0.0500	0.0280		mg/L		56	14 - 130
Hexachloroethane	0.0500	0.0229		mg/L		46	14 - 130
Nitrobenzene	0.0500	0.0348		mg/L		70	45 - 123
Pentachlorophenol	0.100	0.0975		mg/L		98	39 - 136
Pyridine	0.0500	0.0218		mg/L		44	10 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	96		52 - 132
2-Fluorobiphenyl	83		48 - 120
2-Fluorophenol (Surr)	48		20 - 120
Nitrobenzene-d5 (Surr)	69		46 - 120
p-Terphenyl-d14 (Surr)	97		67 - 150
Phenol-d5 (Surr)	36		16 - 120

Lab Sample ID: LCSD 480-268647/3-A
Matrix: Solid
Analysis Batch: 268815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 268647

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
1,4-Dichlorobenzene	0.0500	0.0263		mg/L		53	32 - 120	1	36
2,4-Dinitrotoluene	0.0500	0.0464		mg/L		93	65 - 154	4	20
2,4,5-Trichlorophenol	0.0500	0.0454		mg/L		91	65 - 126	2	18
2,4,6-Trichlorophenol	0.0500	0.0432		mg/L		86	64 - 120	4	19
2-Methylphenol	0.0500	0.0318		mg/L		64	39 - 120	7	27
3-Methylphenol	0.0500	0.0313		mg/L		63	39 - 120	6	30
4-Methylphenol	0.0500	0.0313		mg/L		63	39 - 120	6	24
Hexachlorobenzene	0.0500	0.0459		mg/L		92	14 - 130	3	15
Hexachlorobutadiene	0.0500	0.0278		mg/L		56	14 - 130	1	44
Hexachloroethane	0.0500	0.0236		mg/L		47	14 - 130	3	46
Nitrobenzene	0.0500	0.0345		mg/L		69	45 - 123	1	24
Pentachlorophenol	0.100	0.0979		mg/L		98	39 - 136	0	37
Pyridine	0.0500	0.0197		mg/L		39	10 - 120	10	49

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	98		52 - 132
2-Fluorobiphenyl	82		48 - 120
2-Fluorophenol (Surr)	44		20 - 120
Nitrobenzene-d5 (Surr)	69		46 - 120
p-Terphenyl-d14 (Surr)	97		67 - 150

TestAmerica Buffalo

QC Sample Results

Client: ARCADIS U.S. Inc
 Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Method: 8270D - TCLP Semivolatiles (Continued)

Lab Sample ID: LCSD 480-268647/3-A
Matrix: Solid
Analysis Batch: 268815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 268647

Surrogate	LCS D %Recovery	LCS D Qualifier	Limits
Phenol-d5 (Surr)	32		16 - 120

Lab Sample ID: LB 480-268175/1-D
Matrix: Solid
Analysis Batch: 268815

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 268647

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010		mg/L		10/14/15 07:53	10/15/15 13:49	1
2,4-Dinitrotoluene	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:49	1
2,4,5-Trichlorophenol	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:49	1
2,4,6-Trichlorophenol	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:49	1
2-Methylphenol	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:49	1
3-Methylphenol	ND		0.010		mg/L		10/14/15 07:53	10/15/15 13:49	1
4-Methylphenol	ND		0.010		mg/L		10/14/15 07:53	10/15/15 13:49	1
Hexachlorobenzene	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:49	1
Hexachlorobutadiene	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:49	1
Hexachloroethane	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:49	1
Nitrobenzene	ND		0.0050		mg/L		10/14/15 07:53	10/15/15 13:49	1
Pentachlorophenol	ND		0.010		mg/L		10/14/15 07:53	10/15/15 13:49	1
Pyridine	ND		0.025		mg/L		10/14/15 07:53	10/15/15 13:49	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	91		52 - 132	10/14/15 07:53	10/15/15 13:49	1
2-Fluorobiphenyl	87		48 - 120	10/14/15 07:53	10/15/15 13:49	1
2-Fluorophenol (Surr)	51		20 - 120	10/14/15 07:53	10/15/15 13:49	1
Nitrobenzene-d5 (Surr)	76		46 - 120	10/14/15 07:53	10/15/15 13:49	1
p-Terphenyl-d14 (Surr)	98		67 - 150	10/14/15 07:53	10/15/15 13:49	1
Phenol-d5 (Surr)	35		16 - 120	10/14/15 07:53	10/15/15 13:49	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-267806/1-A
Matrix: Solid
Analysis Batch: 267942

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 267806

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23		mg/Kg		10/09/15 07:44	10/09/15 13:28	1
PCB-1221	ND		0.23		mg/Kg		10/09/15 07:44	10/09/15 13:28	1
PCB-1232	ND		0.23		mg/Kg		10/09/15 07:44	10/09/15 13:28	1
PCB-1242	ND		0.23		mg/Kg		10/09/15 07:44	10/09/15 13:28	1
PCB-1248	ND		0.23		mg/Kg		10/09/15 07:44	10/09/15 13:28	1
PCB-1254	ND		0.23		mg/Kg		10/09/15 07:44	10/09/15 13:28	1
PCB-1260	ND		0.23		mg/Kg		10/09/15 07:44	10/09/15 13:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	105		60 - 154	10/09/15 07:44	10/09/15 13:28	1
DCB Decachlorobiphenyl	104		65 - 174	10/09/15 07:44	10/09/15 13:28	1

TestAmerica Buffalo

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Lab Sample ID: LCS 480-267806/2-A
Matrix: Solid
Analysis Batch: 267942

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 267806

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	1.74	2.12		mg/Kg		122	51 - 185
PCB-1260	1.74	2.17		mg/Kg		125	61 - 184
Surrogate		LCS %Recovery	LCS Qualifier	Limits			
Tetrachloro-m-xylene		121		60 - 154			
DCB Decachlorobiphenyl		120		65 - 174			

Lab Sample ID: 480-88741-1 MS
Matrix: Solid
Analysis Batch: 267942

Client Sample ID: FLE XO_SOIL_20151008
Prep Type: Total/NA
Prep Batch: 267806

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
PCB-1016	ND		2.20	3.19		mg/Kg	☼	145	50 - 177
PCB-1260	0.51	F1	2.20	5.39	F1	mg/Kg	☼	222	33 - 200
Surrogate		MS %Recovery	MS Qualifier	Limits					
Tetrachloro-m-xylene		121		60 - 154					
DCB Decachlorobiphenyl		127		65 - 174					

Lab Sample ID: 480-88741-1 MSD
Matrix: Solid
Analysis Batch: 267942

Client Sample ID: FLE XO_SOIL_20151008
Prep Type: Total/NA
Prep Batch: 267806

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
PCB-1016	ND		2.13	2.75		mg/Kg	☼	129	50 - 177	15	50
PCB-1260	0.51	F1	2.13	5.24	F1	mg/Kg	☼	222	33 - 200	3	50
Surrogate		MSD %Recovery	MSD Qualifier	Limits							
Tetrachloro-m-xylene		113		60 - 154							
DCB Decachlorobiphenyl		119		65 - 174							

Method: 6010C - TCLP Metals (ICP)

Lab Sample ID: MB 480-268430/2-A
Matrix: Solid
Analysis Batch: 268742

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 268430

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015		mg/L		10/13/15 11:35	10/14/15 09:33	1
Barium	ND		1.0		mg/L		10/13/15 11:35	10/14/15 09:33	1
Cadmium	ND		0.0020		mg/L		10/13/15 11:35	10/14/15 09:33	1
Chromium	ND		0.020		mg/L		10/13/15 11:35	10/14/15 09:33	1
Lead	ND		0.020		mg/L		10/13/15 11:35	10/14/15 09:33	1
Selenium	ND		0.025		mg/L		10/13/15 11:35	10/14/15 09:33	1
Silver	ND		0.0060		mg/L		10/13/15 11:35	10/14/15 09:33	1

TestAmerica Buffalo

QC Sample Results

Client: ARCADIS U.S. Inc
 Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

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

Lab Sample ID: LCS 480-268430/3-A
Matrix: Solid
Analysis Batch: 268742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 268430

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	1.00	1.06		mg/L		106	80 - 120
Barium	1.00	0.958	J	mg/L		96	80 - 120
Cadmium	1.00	0.991		mg/L		99	80 - 120
Chromium	1.00	0.994		mg/L		99	80 - 120
Lead	1.00	0.974		mg/L		97	80 - 120
Selenium	1.00	1.06		mg/L		106	80 - 120
Silver	1.00	1.05		mg/L		105	80 - 120

Lab Sample ID: LB 480-268175/1-B
Matrix: Solid
Analysis Batch: 268742

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 268430

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015		mg/L		10/13/15 11:35	10/14/15 09:30	1
Barium	ND		1.0		mg/L		10/13/15 11:35	10/14/15 09:30	1
Cadmium	ND		0.0020		mg/L		10/13/15 11:35	10/14/15 09:30	1
Chromium	ND		0.020		mg/L		10/13/15 11:35	10/14/15 09:30	1
Lead	ND		0.020		mg/L		10/13/15 11:35	10/14/15 09:30	1
Selenium	ND		0.025		mg/L		10/13/15 11:35	10/14/15 09:30	1
Silver	ND		0.0060		mg/L		10/13/15 11:35	10/14/15 09:30	1

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-268441/2-A
Matrix: Solid
Analysis Batch: 268542

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 268441

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/13/15 12:00	10/13/15 16:09	1

Lab Sample ID: LCS 480-268441/3-A
Matrix: Solid
Analysis Batch: 268542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 268441

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00668	0.00662		mg/L		99	80 - 120

Lab Sample ID: LB 480-268175/1-C
Matrix: Solid
Analysis Batch: 268542

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 268441

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/13/15 12:00	10/13/15 16:07	1

TestAmerica Buffalo

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Method: 1010A - Ignitability, Pensky-Martens Closed Cup Method

Lab Sample ID: LCS 480-268117/1
Matrix: Solid
Analysis Batch: 268117

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	82.00		Degrees F		101	97.5 - 102.5

Method: 9045D - pH

Lab Sample ID: LCS 480-268347/1
Matrix: Solid
Analysis Batch: 268347

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
corrosivity by pH	7.00	7.010		SU		100	99 - 101

QC Association Summary

Client: ARCADIS U.S. Inc
 Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

GC/MS VOA

Leach Batch: 268177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	TCLP	Solid	1311	
LB 480-268177/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 268574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	TCLP	Solid	8260C	268177
LB 480-268177/1-A	Method Blank	TCLP	Solid	8260C	268177
LCS 480-268574/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-268574/6	Method Blank	Total/NA	Solid	8260C	

GC/MS Semi VOA

Leach Batch: 268175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	TCLP	Solid	1311	
LB 480-268175/1-D	Method Blank	TCLP	Solid	1311	

Prep Batch: 268647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	TCLP	Solid	3510C	268175
LB 480-268175/1-D	Method Blank	TCLP	Solid	3510C	268175
LCS 480-268647/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-268647/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-268647/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 268815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	TCLP	Solid	8270D	268647
LB 480-268175/1-D	Method Blank	TCLP	Solid	8270D	268647
LCS 480-268647/2-A	Lab Control Sample	Total/NA	Solid	8270D	268647
LCSD 480-268647/3-A	Lab Control Sample Dup	Total/NA	Solid	8270D	268647
MB 480-268647/1-A	Method Blank	Total/NA	Solid	8270D	268647

GC Semi VOA

Prep Batch: 267806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	Total/NA	Solid	3550C	
480-88741-1 MS	FLEXO_SOIL_20151008	Total/NA	Solid	3550C	
480-88741-1 MSD	FLEXO_SOIL_20151008	Total/NA	Solid	3550C	
LCS 480-267806/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 480-267806/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 267942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	Total/NA	Solid	8082A	267806
480-88741-1 MS	FLEXO_SOIL_20151008	Total/NA	Solid	8082A	267806
480-88741-1 MSD	FLEXO_SOIL_20151008	Total/NA	Solid	8082A	267806
LCS 480-267806/2-A	Lab Control Sample	Total/NA	Solid	8082A	267806
MB 480-267806/1-A	Method Blank	Total/NA	Solid	8082A	267806

TestAmerica Buffalo

QC Association Summary

Client: ARCADIS U.S. Inc
 Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Metals

Leach Batch: 268175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	TCLP	Solid	1311	
LB 480-268175/1-B	Method Blank	TCLP	Solid	1311	
LB 480-268175/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 268430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	TCLP	Solid	3010A	268175
LB 480-268175/1-B	Method Blank	TCLP	Solid	3010A	268175
LCS 480-268430/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-268430/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 268441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	TCLP	Solid	7470A	268175
LB 480-268175/1-C	Method Blank	TCLP	Solid	7470A	268175
LCS 480-268441/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-268441/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 268542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	TCLP	Solid	7470A	268441
LB 480-268175/1-C	Method Blank	TCLP	Solid	7470A	268441
LCS 480-268441/3-A	Lab Control Sample	Total/NA	Solid	7470A	268441
MB 480-268441/2-A	Method Blank	Total/NA	Solid	7470A	268441

Analysis Batch: 268742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	TCLP	Solid	6010C	268430
LB 480-268175/1-B	Method Blank	TCLP	Solid	6010C	268430
LCS 480-268430/3-A	Lab Control Sample	Total/NA	Solid	6010C	268430
MB 480-268430/2-A	Method Blank	Total/NA	Solid	6010C	268430

General Chemistry

Analysis Batch: 267777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	Total/NA	Solid	Moisture	

Analysis Batch: 268117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	Total/NA	Solid	1010A	
LCS 480-268117/1	Lab Control Sample	Total/NA	Solid	1010A	

Analysis Batch: 268347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-88741-1	FLEXO_SOIL_20151008	Total/NA	Solid	9045D	
LCS 480-268347/1	Lab Control Sample	Total/NA	Solid	9045D	

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
 Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Client Sample ID: FLEXO_SOIL_20151008

Lab Sample ID: 480-88741-1

Date Collected: 10/08/15 17:00

Matrix: Solid

Date Received: 10/08/15 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			268177	10/12/15 08:02	JLS	TAL BUF
TCLP	Analysis	8260C		10	268574	10/14/15 05:23	GTG	TAL BUF
TCLP	Leach	1311			268175	10/12/15 07:57	JLS	TAL BUF
TCLP	Prep	3510C			268647	10/14/15 07:53	RJS	TAL BUF
TCLP	Analysis	8270D		1	268815	10/15/15 13:23	DMR	TAL BUF
TCLP	Leach	1311			268175	10/12/15 07:57	JLS	TAL BUF
TCLP	Prep	3010A			268430	10/13/15 11:35	KJ1	TAL BUF
TCLP	Analysis	6010C		1	268742	10/14/15 09:43	AMH	TAL BUF
TCLP	Leach	1311			268175	10/12/15 07:57	JLS	TAL BUF
TCLP	Prep	7470A			268441	10/13/15 12:00	TAS	TAL BUF
TCLP	Analysis	7470A		1	268542	10/13/15 16:14	TAS	TAL BUF
Total/NA	Analysis	1010A		1	268117	10/10/15 17:19	ZRJ	TAL BUF
Total/NA	Analysis	9045D		1	268347	10/12/15 21:45	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	267777	10/08/15 22:48	CMK	TAL BUF

Client Sample ID: FLEXO_SOIL_20151008

Lab Sample ID: 480-88741-1

Date Collected: 10/08/15 17:00

Matrix: Solid

Date Received: 10/08/15 18:00

Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			267806	10/09/15 07:44	JLS	TAL BUF
Total/NA	Analysis	8082A		1	267942	10/09/15 14:28	KS	TAL BUF

Laboratory References:

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

Certification Summary

Client: ARCADIS U.S. Inc
Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: ARCADIS U.S. Inc
Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	TAL BUF
8270D	TCLP Semivolatiles	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	TCLP Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL BUF
9045D	pH	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

Sample Summary

Client: ARCADIS U.S. Inc
Project/Site: Flexo Transparent, Buffalo NY

TestAmerica Job ID: 480-88741-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-88741-1	FLEXO_SOIL_20151008	Solid	10/08/15 17:00	10/08/15 18:00

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____
 Drinking Water? Yes No

Chain of Custody Record

TAL-4124 (1007)

Client: **ARCADIS** Project Manager: **Katherine Clubine** Date: **10/8/15** Chain of Custody Number: **290443**
 Address: **50 Fountain Plaza Suite 600** Telephone Number (Area Code)/Fax Number: **716-667-6637/716-667-0279** Lab Number: **716-504-9874** Page **1** of **1**
 City: **Buffalo** State: **NY** Zip Code: **14202** Site Contact: **Ethan Ulm** Lab Contact: **Melissa Doyo** Analysis (Attach list if more space is needed):
Contract/Purchase Order/Quote No.: 06105002.0005 Carrier/Maybill Number: **NA** Containers & Preservatives: H2SO4, HNO3, HCl, NaOH, ZnAc, NaOH
 Sample I.D. No. and Description (Containers for each sample may be combined on one line):
FLEXO-SOIL-20151008 Date: **10/8/15** Time: **1700** Matrix: Aqueous Soil Sed. Unpres. Special Instructions/ Conditions of Receipt:

Sample I.D. No. and Description	Date	Time	Containers & Preservatives
FLEXO-SOIL-20151008	10/8/15	1700	H2SO4, HNO3, HCl, NaOH, ZnAc, NaOH

Barcode: 480-88741 Chain of Custody * 5666

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Return To Client Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

QC Requirements (Specify): _____

Turn Around Time Required
 24 Hours 48 Hours 7 Days 14 Days 21 Days Other _____

1. Relinquished By: *[Signature]* Date: **10/8/15** Time: **1800**
 2. Relinquished By: _____ Date: _____ Time: _____
 3. Relinquished By: _____ Date: _____ Time: _____

1. Received By: *[Signature]* Date: **10/08/15** Time: **1800**
 2. Received By: *[Signature]* Date: _____ Time: _____
 3. Received By: _____ Date: _____ Time: _____

Comments: **13.0°C, WICE SOME DAY #3**



Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 480-88741-1

Login Number: 88741

List Number: 1

Creator: Kinecki, Kenneth P

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

APPENDIX D

Institutional Controls Certification





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



	Site Details	Box 1	
Site No. C915228			
Site Name 1132-1146 Seneca St.			
Site Address: 1122-1146 Seneca Street	Zip Code: 14210		
City/Town: Buffalo			
County: Erie			
Site Acreage: 4.2			
Reporting Period: June 15, 2015 to June 15, 2016			
		YES	NO
1. Is the information above correct?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
If NO, include handwritten above or on a separate sheet.			
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.			
5. Is the site currently undergoing development?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
		Box 2	
		YES	NO
6. Is the current site use consistent with the use(s) listed below? Industrial		<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are all ICs/ECs in place and functioning as designed?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.			
A Corrective Measures Work Plan must be submitted along with this form to address these issues.			
_____ Signature of Owner, Remedial Party or Designated Representative		_____ Date	

		Box 2A	
		YES	NO
8.	Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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. C915228		Box 3
Description of Institutional Controls		
<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
123-29-1-10	RSB Enterprises, LLC OCC Equity Holding, LP	Soil Management Plan Landuse Restriction Site Management Plan IC/EC Plan
EE restricts the property use to Industrial. Also prohibits the groundwater from being used for drinking water unless prior approval from DEC and DOH. SMP in place with Excavation Workplan to manage soils generated from future site work. Periodic certification required to verify that institutional controls remain in place and effective. There are no engineering controls associated with the remedy.		
123-29-1-11	RSB Enterprises, LLC OCC Equity Holdings, LP	Soil Management Plan Landuse Restriction Site Management Plan IC/EC Plan
EE restricts the property use to Industrial. Also prohibits the groundwater from being used for drinking water unless prior approval from DEC and DOH. SMP in place with Excavation Workplan to manage soils generated from future site work. Periodic certification required to verify that institutional controls remain in place and effective. There are no engineering controls associated with the remedy.		
123-29-1-12	RSB Enterprises, LLC OCC Equity Holdings, LP	Soil Management Plan Landuse Restriction Site Management Plan IC/EC Plan
EE restricts the property use to Industrial. Also prohibits the groundwater from being used for drinking water unless prior approval from DEC and DOH. SMP in place with Excavation Workplan to manage soils generated from future site work. Periodic certification required to verify that institutional controls remain in place and effective. There are no engineering controls associated with the remedy.		

Description of Engineering Controls	Box 4
None Required	
Not Applicable/No EC's	

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 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 complete.

YES NO

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or 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

**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. C915228


Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I Brian Mabry at 28 Wasson Street, Buffalo, New York 14210
print name print business address
am certifying as President of Flexo Transparent, LLC (Owner or Remedial Party)

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


Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

7/1/16
Date

Arcadis of New York, Inc.

50 Fountain Plaza, Suite 600

Buffalo, New York 14202

Tel 716 667 0900

Fax 716 667 0279

www.Arcadis.com