



February 15, 2014

Mr. David Szymanski
New York State Department of Environmental Conservation
270 Michigan Ave
Buffalo, NY 14203-2915

**Subject: 3Q2012 – 4Q2013 Periodic Review Report
Buffalo Color Corporation – Area C Site No. C915231
OSC 0913-OMM**

Dear Mr. Szymanski:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting this Periodic Review Report (PRR) for the Buffalo Color Buffalo Color Area C Site (Site).

The completed Site Management Periodic Review Report (PRR) Notice - Institutional and Engineering controls Certification Form is provided herein as Attachment A. The following paragraphs provide the information specified in the original 45-day PRR notice letter issued by New York State Department of Environmental Conservation's (NYSDEC's) Albany, NY office on December 18, 2013.

I. Executive Summary

- A. Site Summary: The 6.03 acre Site is located at 229 Elk Street in the City of Buffalo, County of Erie, New York. It is one of five areas that comprised the former Buffalo Color Corporation, which produced dyes and organic chemicals until its bankruptcy in 2005.

Remedial investigations determined that site soil contained concentrations of certain metals and organic substances that exceeded the NY Commercial Soil Cleanup Objectives (SCOs). Shallow groundwater on the northern half of Area C was found to contain concentrations of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) that exceeded the NY Class GA standards.

The primary remedial objectives at the Area C Site were to eliminate the potential for direct contact with impacted soils and to eliminate the potential for impacted groundwater to discharge offsite. The key remedial actions for the Site included:

- Excavation and off-site disposal of soils containing constituents exceeding SCOs;
- Utilization of a bioremediation enhancement agent (Regenesis ORC-A) within source excavation backfill to promote the bioremediation of residual soil and groundwater contamination.
- Installation of an integrated site-wide cover system to prevent human exposure to remaining contamination at the Site;
- Abandonment/plugging of unused process sewers and installation of a new storm sewer system;
- Execution and recording of an Environmental Easement to restrict land use and address future exposure to any remaining contamination at the Site; and
- Development and implementation of a Site Management Plan for long term management of remaining contamination.

During the time period between July 1, 2012 and December 31, 2013, the following routine Operations, Maintenance, and Monitoring (OMM) activities were completed in accordance with the Site Management Plan prepared by Mactec Engineering and Consulting P.C. dated December 20, 2010 (referred to hereafter as the SMP):

- Quarterly shallow groundwater sampling; and
- Quarterly Site inspections.

Tables summarizing groundwater monitoring results and figures showing the corresponding VOC concentrations are included in Attachment B for each of the quarterly sampling events covered within the reporting time period.

Non-routine O&M activities included the replacement of defective monitoring well PS-04. This activity is discussed further in the following paragraphs.

The Area C monitoring well designated as PS-04 had been observed becoming progressively distorted within the lower depths of the 1-inch PVC well. Groundwater depth measurements and sample recovery had become inhibited as a result of the deterioration. On June 27, 2013, Earth Dimensions, Inc. removed the defective 1- inch PVC well and installed a 2-inch PVC monitoring well in the same location as the defective well. A post script letter "A" has been designated to the well ID to indicate the replacement, i.e., PS-04A. The corresponding well installation log is included in **Attachment E**.

- B. Effectiveness of the Remedial Program: The following conclusions were developed based on the data collected during the reporting period:
- Based on the results of the quarterly inspection reports, which verify that the integrity of the cover system is currently satisfactory and vegetation is established within soil/grass areas, the remedy remains protective for direct contact with impacted soils.
 - Elevated concentrations of constituents of concern (COCs) remain at the site as shown by the data from monitoring wells RFI-20 and RFI-31; however, with the exception of VOC concentrations in well RFI-20, the concentrations have decreased since the ORC-A application as part of the remedial effort in 2010. It should be noted that ORC-A application was not required in the vicinity of RFI-20 during implementation of the Area C remedy. A figure is included within **Attachment B** which shows the current status of chlorobenzene concentrations.
- C. Compliance: No areas of non-compliance have been identified.
- D. Recommendations: No changes to the 2010 SMP are currently warranted or recommended. Routine OMM activities will continue in 2014.

II. Site Overview

- A. Site Location: The site is located at 229 Elk Street in the City of Buffalo, County of Erie, New York. The site is an approximate 6.03-acre area bounded by Elk Street to the north, a rail spur and associated right-of-way to the south, Lee Street to the east, and railroad tracks to the west. Structures located on Area C include the former Buffalo Color powerhouse, which include former building numbers 204, 205, 207, 208, 220, 221, 222, and 223. These structures have been cleared of asbestos and residual chemicals and are currently planned to be renovated for adaptive reuse. The site is part of the former Buffalo Color Corporation facility, which also included Areas A and B located beyond

the rail spur to the south and Area E located across Lee Street to the east (**Figure 1**). The surrounding area consists of industrial and residential properties.

Originally founded as the Schoellkopf Aniline and Dye Company in 1879, the plant produced dyes and organic chemicals based primarily on aniline and various aniline derivatives. The company was reorganized into the National Aniline Chemical Company in 1916. It became one of the five companies that merged to create Allied Chemical Corporation (Allied Chemical) in 1920. The existing dye-making facility and the right to produce certain dyes and intermediates were sold by Allied Chemical to Buffalo Color Corporation on July 1, 1977. At the time of the sale, the plant was divided into eight areas designated with the letters A, B, C, D, E, F, G, and H. Buffalo Color Corporation purchased the manufacturing areas A through E, while Allied Chemical retained an acid plant (which was subsequently sold to PVS Chemicals in 1981), the research and development facility on Area F, and the parking lots on Areas G (Elk Street) and H (Smith Street). In 2005, Buffalo Color Corporation filed for bankruptcy and ceased manufacturing activity. During the bankruptcy proceedings, some of the facility's production equipment was sold and removed from the site. In conjunction with the bankruptcy, the office building and former plant hospital located at 100 Lee Street on Area B and the warehouse building (Building 322) located near Elk Street on Area E, along with some of the land under and around those buildings, were sold to other parties. Agreements are in place to preserve access rights to the land for the purposes of any required environmental investigation and remediation activities. The remaining buildings and property on Areas A, B, C, D and E were purchased by SBD in 2008.

- B. Chronology: Numerous environmental investigations have been completed for the Buffalo Color property, including Area C, dating back to the 1980s. In 2007-2008, Mactec Engineering and Consulting P.C. completed, with NYSDEC approval, a Remedial Investigation (RI) to build off of prior studies and characterize the nature and extent of contamination at the site. In early 2009, demolition of former plant structures and remedial source excavations were initiated.

The primary remedial objectives at the Area C Site were to eliminate the potential for direct contact with impacted soils and to eliminate the potential for impacted groundwater to discharge offsite. The key remedial actions for the Site are summarized below:

- Excavation and off-site disposal of approximately 10,527 CY (in-place volume) of VOC-contaminated soils from two locations on the northern side of Area C to accomplish mass removal of the source material;
- The addition of a bioremediation enhancement agent (Regenesis ORC-A) to the excavation backfill to promote the bioremediation of residual soil and groundwater contamination at the excavated areas;
- Utilization of an integrated site-wide cover system consisting of a combination of a minimum of one foot of imported clean soil and topsoil (seeded with native grasses) underlain by a demarcation layer consisting of a woven geotextile, existing/new pavement (asphalt or concrete), and/or existing buildings to address human exposure to remaining contamination at the site;
- Abandonment/plugging of unused process sewers and installation of new storm sewer infrastructure, as appropriate;
- Execution and recording of an Environmental Easement in favor of NYSDEC to restrict land use and address future exposure to any remaining contamination at the site. Elements of the Environmental Easement include prohibiting groundwater use, providing protocols for disturbance of Site and, soils and/or groundwater, limiting future land use to commercial or industrial use, and requiring that occupied structures associated with future development at the Site address the vapor intrusion (VI) pathway (either through construction methods or through

additional characterization to ensure that the area over which the structure will reside does not present a potential VI concern); and

- Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting.

The above-described remedial activities were completed at the site in 2010 and are documented in the Area C Final Engineering Report (Mactec, 2010).

Groundwater monitoring activities to assess contaminant levels in shallow site groundwater and assess the process of natural attenuation (enhanced through addition of ORC-A to remedial excavation backfill), will continue, as determined by the NYSDEC, until residual groundwater concentrations are found to be consistently below NYSDEC standards or have become asymptotic at an acceptable level over an extended period. Monitoring will continue until permission to discontinue is granted in writing by the NYSDEC.

III. Evaluation of Remedy Performance, Effectiveness and Protectiveness

- A. The performance, effectiveness and protectiveness of the remedy is verified by ensuring that the cover system is intact as constructed and ensure that off-site migration of remaining contamination is progressively mitigated through the long term Site monitoring well sampling program. New York State Water Quality Standards for Surface Water and Groundwater (Table 1, cf. section 703.5 - Class GA) are the established groundwater quality objectives for the Site. TestAmerica Laboratories, Inc. in Amherst, NY performed the laboratory analysis for the collected groundwater samples and Mactec conducted a level 2 data validation of the corresponding data. Tabulated groundwater analytical data, isoconcentration and groundwater elevation figures are provided in **Attachment B**.

Groundwater monitoring data has been collected on a quarterly basis from March 2011 through December 2013 (12 monitoring events). After review of the data, an apparent trend, either decreasing or increasing, has not been identified for the Area C site. Groundwater monitoring data will continue to be obtained and evaluated in 2014.

Low-Flow well sampling logs are provided in **Attachment C**.

IV. IC/EC Plan Compliance Report

- A. IC/EC Requirements and Compliance: A series of Institutional Controls (IC) have been developed and are adhered to by the established Site Environmental Easement. These Institutional Controls are designed to:
- Implement, maintain and monitor Engineering Control systems;
 - Address future exposure to remaining contamination by controlling disturbances of the subsurface contamination;
 - Prohibit Site groundwater use; and
 - Limit the use and development of the site to commercial and industrial uses only.

Engineering Controls (EC) developed for the Site consists of:

- An integrated site-wide cover system consisting of a combination of a minimum of one foot of imported clean soil and topsoil (seeded with native grasses) underlain by a demarcation layer consisting of a woven geotextile, existing/new pavement (asphalt or concrete), and/or existing buildings to address human exposure to remaining contamination at the Site; and

- Provide protocols for the disturbance of Site soils and/or groundwater, and addressing potential vapor intrusion (VI) pathways of occupied structures associated with future development at the Site.

Compliance with the Site IC/EC's is evaluated through documented quarterly site and cover system inspections. Site and cover system inspection sheets for the reporting period are provided in **Attachment D**. No deficiencies or comments for concern were noted throughout the reporting period.

B. IC/EC Certification: The IC/EC certifications are provided in **Attachment A**.

V. Monitoring Plan Compliance Report

A. Components of the Monitoring Plan: Routine Site monitoring activities include:

- Quarterly Low-Flow shallow groundwater sampling; and
- Quarterly Site and cover system inspections.

B. Summary of Monitoring Completed During Reporting Period: The following tables summarize the routine Site monitoring activities that have been completed in accordance with SMP during the reporting period:

AREA C 3Q2012 – 4Q2013 QUARTERLY MONITORING COMPLIANCE SUMMARY						
Monitoring Type	2012		2013			
	3rd	4th	1st	2nd	3rd	4th
Low-Flow Shallow Groundwater Well Sampling	X	X	X	X	X	X
Site / Cover Inspections	X	X	X	X	X	X

AREA C 3Q2012 – 4Q2013 QUARTERLY WELL MONITORING SUMMARY								
Well ID	Monitoring Type	Monitoring Parameters	2012		2013			
			3rd	4th	1st	2nd	3rd	4th
MW-C01	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X	X	X
RFI-31	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X	X	X
PS-04 / PS-04A	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	P	X	P	X	-	X
MW-C04	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X	X	X
RFI-20	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X	X	X
PS-05A	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X	X	X
PS-06	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	-	X	X	X	X	X
Complete (X), Partial (P), Omitted (-)								

Complete (X), Partial (P), Omitted (-)

- C. Comparisons with Remedial Objectives: Site groundwater analytical results have been tabulated and compared against the established groundwater quality objectives for the Site. Refer to the Evaluation of Remedial Performance, Effectiveness and Protectiveness portion of this report (Section III) for additional information.
- D. Monitoring Deficiencies: Monitoring well PS-06 was not sampled during the second quarter of 2012, due to insufficient groundwater quantity at the well. Monitoring well PS-04 was not sampled for Semi Volatile Organic Compounds (SVOC) during the second quarter of 2012, due to a lack of groundwater recharge in the well. Monitoring well PS-04 depth to water measurement was unable to be collected during the first quarter of 2013, due to developed distortion in the one inch diameter PVC casing. Following the second quarter 2013 sample event, the PS-04 monitoring well casing was replaced with a two inch diameter PVC casing and renamed PS-04A. Monitoring well PS-04A was not sampled during the third quarter of 2013, due to insufficient groundwater recharge in the well. Redevelopment of PS-04A was conducted following the third quarter 2013 sample event.

- E. Conclusions and Recommendations for Changes: No changes are recommended at this time and routine monitoring will continue in 2014.

VI. Operations and Maintenance Plan Compliance Report

- A. Components of the O&M Plan: The site remedy does not currently rely on any mechanical systems, such as subslab depressurization systems or air sparge/ soil vapor extraction systems to protect public health and the environment. Therefore, the operation and maintenance of such components is not included within the SMP. Should an active system be required in the future, the SMP will be modified accordingly to address operation and maintenance requirements.

VII. Overall PRR Conclusions

- A. Compliance with SMP: Activities completed during the reporting period complied with the requirements of the SMP.
- B. Performance and Effectiveness of the Remedy: The cover system is intact as constructed and the Site remedy is preventing off-site migration of site-related COCs in groundwater. Site groundwater will continue to be monitored to determine if the remedy is decreasing COC concentrations in groundwater.
- C. Future PRR Submittals: It is currently expected that the next PRR will be submitted on or about February 15, 2015.

Please review the attached information and feel free to contact me if you have any questions.

Sincerely,



Andrew D. Madden
Project Engineer - *Ontario Specialty Contracting, Inc.*

cc:	Eugene Melnyk, P.E.	NYSDEC Region 9
	Richard Galloway	Honeywell International Inc.
	Daniel Forlastro	AMEC Engineering and Consulting, Inc.
	Tom Perkins	De Maximis, Inc.
	John Yensan	South Buffalo Development, LLC

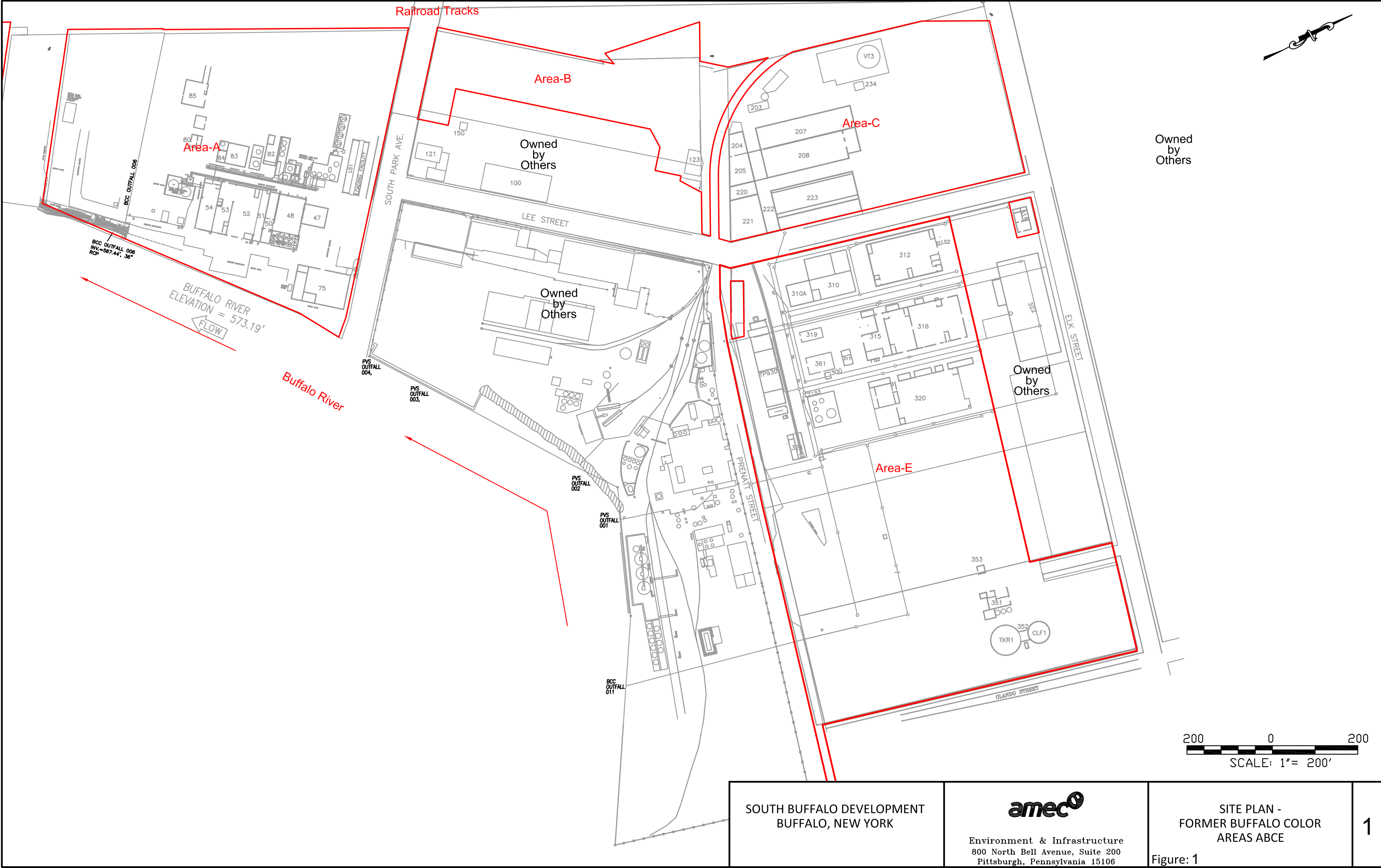
FIGURE 1

FORMER BUFFALO COLOR CORPORATION SITE PLAN

P:\PROJECTS\South Buffalo Development\3410090701\CADD\FINAL\Site Management Plan Figures\Area E SMP Figures\Area E - Figure 2 - Area ABCE Site Plan.dwg Thu, 18 Aug 2011 1:36pm esweiler

DRAWN BY: NEL 4-26-2010

APPROVED BY: ESW 5-17-2010



ATTACHMENT A

**PRR NOTICE
IC/EC CONTROLS CERTIFICATION FORM**



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



Site Details **Box 1**

Site No. **C915231**

Site Name **Buffalo Color Corporation Site Area C**

Site Address: 229 Elk Street Zip Code: 14210
City/Town: Buffalo
County: Erie
Site Acreage: 6.0

Reporting Period: June 15, 2012 to December 12, 2013

- | | YES | NO |
|--|-------------------------------------|-------------------------------------|
| 1. Is the information above correct? | ☒ | ☐ |
| 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? | ☐ | ☒ |
| 3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? | ☐ | ☒ |
| 4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? | ☐ | ☒ |
| 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? | ☐ | ☒ |

- | Box 2 | | |
|--|-------------------------------------|--------------------------|
| | YES | NO |
| 6. Is the current site use consistent with the use(s) listed below?
Commercial and Industrial | ☒ | ☐ |
| 7. Are all ICs/ECs 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.

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?

☐☒

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 NO. C915231**Box 3****Description of Institutional Controls**

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
122.12-1-30	South Buffalo Development, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan
The Site Management Plan includes: - An Institutional Controls Plan. Institutional controls at the site will include groundwater use restrictions and use restrictions of the Site to restricted use (i.e. commercial purposes). - A Soil/Fill Management Plan to assure that future intrusive activities and soil/fill handling at the Site are completed in a safe and environmentally responsible manner. - A Site Monitoring Plan that includes: provisions for groundwater monitoring; and, - A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.		
122.12-1-35	South Buffalo Development, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan
The Site Management Plan includes: - An Institutional Controls Plan. Institutional controls at the site will include groundwater use restrictions and use restrictions of the Site to restricted use (i.e. commercial purposes). - A Soil/Fill Management Plan to assure that future intrusive activities and soil/fill handling at the Site are completed in a safe and environmentally responsible manner. - A Site Monitoring Plan that includes: provisions for groundwater monitoring; and, - A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.		
122.12-1-36	South Buffalo Development, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan
The Site Management Plan includes: - An Institutional Controls Plan. Institutional controls at the site will include groundwater use restrictions and use restrictions of the Site to restricted use (i.e. commercial purposes). - A Soil/Fill Management Plan to assure that future intrusive activities and soil/fill handling at the Site are completed in a safe and environmentally responsible manner. - A Site Monitoring Plan that includes: provisions for groundwater monitoring; and, - A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.		
Box 4		
Description of Engineering Controls		
<u>Parcel</u>	<u>Engineering Control</u>	
122.12-1-30	Cover System	
- Cover System per Site Management Plan.		
122.12-1-35	Cover System	
- Cover System per Site Management Plan.		
122.12-1-36		

Parcel

Engineering Control

Cover System

- Cover System per Site Management Plan.

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 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. C915231

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 Jon M. Williams at 333 Ganson Street, Buffalo, NY 14203,
print name print business address

am certifying as Owner (Owner or Remedial Party)

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



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

2/26/14
Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

I DANIEL FORLASTRO at MACTEC ENGINEERING & CONSULTING, P.C.
print name 800 NORTH BELL AVE, SUITE 200, PITTSBURGH, PA 15106
print business address

am certifying as a Professional Engineer for the SOUTH BUFFALO DEVELOPMENT LLC
(Owner or Remedial Party)

Daniel Forlastro

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification



Stamp (Required for PE) Date 2/28/14

ATTACHMENT B

GROUNDWATER DATA TABLES AND FIGURES

AREA C GROUNDWATER SUMMARY TABLE		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	—	1	1	5	0	1	—
MW-C01	11/18/2009	24	<5	6.8	2.8 J	<5	<5	33.6	<5	<5	<10	<5	<5	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	No Sample Collected												
	6/29/2011	6.2	1.2	5.7	1.2	<1	18	32.3	<5.6	<5.6	<11	2.3 J	<5.6	2.3
	9/30/2011	<4	<4	<4	<4	<4	<4	0	<5.9	<5.9	<12	0.63 J	<5.9	0.63
	11/25/2011	<4	<4	<4	<4	<4	<4	0	<4.8	<4.8	<9.7	3.2 J	<4.8	3.2
	3/28/2012	3.1	2.2	29	8.3	<1	21	63.6	<4.7	<4.7	<9.4	1.1 J	<4.7	1.1
	6/22/2012	1.2	0.82 J	7.2	1	<1	2.8	13.02	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/17/2012	0.55 J	<1	2.1 J	<1	<1	<1	2.65	<4.7	<4.7	<9.4	<4.7	<4.7	0
	12/3/2012	0.5 J	<1	1.7	<1	<1	<1	2.2	<4.8	<4.8	<9.7	<4.8	<4.8	0
	3/27/2013	2.9	1.5	13	1.5	<1	3	21.9	<4.8	<4.8	<9.6	<4.8	<4.8	0
	6/1/2013	3.7	1.5	12	1.3	<1	3.8	22.3	<4.7	<4.7	<9.4	<4.7	<4.7	0.43
	9/5/2013	1	<1	2.9	<1	<1	0.88	4.78	<4.7	<4.7	<9.4	<4.7	<4.7	0
	12/2/2013	<4	<4	3.6	<4	<4	<4	3.6	<5	<5	<10	<5	<5	0
MW-C04	No Sample Collected													
	10/10 - 11/10	ORC-A Application												
	3/24/2011	<8	<8	17	29	<8	390	436	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/29/2011	<1	5.7	17	30	<1	390	442.7	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/30/2011	<1	5.7	21	36	<1	500	562.7	<4.8	<4.8	<9.5	<4.8	<4.8	0
	11/25/2011	<4	4.2	16	29	<4	390	439.2	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	2.6 J	4.4	18	29	<1	330	384	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/21/2012	<1	4.6	16	29	<1	310	359.6	1.1 J	<4.7	0.61 J	<4.7	<4.7	1.71
	9/14/2012	<5	<5	9.4	17	<5	370 J	396.4	<4.8	<4.8	<9.6	<4.8	<4.8	0.92
	12/3/2012	<5	<5	15	27	<5	340	382	<4.9	<4.9	<9.8	<4.9	<4.9	2.41
	3/27/2013	<5	5.3	16	27	<5	290	338.3	<5	<5	<10	<5	<5	1.86
	5/31/2013	<5	5.7	16	28	<5	290	343.9	<4.8	<4.8	<9.5	<4.8	<4.8	1.53
	9/5/2013	<5	5.8	17	28	<5	330	380.8	0.72	<4.9	<9.7	<4.9	<4.9	3.03
	12/3/2013	<5	6.9	24	39	<5	360	429.9	<5	<5	<10	<5	<5	1.71
PS-04	11/19/2009	<1	<1	<1	<1	<1	0.81 J	0.81	<6.2	<6.2	<12	<6.2	<6.2	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/29/2011	No Sample Collected												
	9/30/2011	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	11/25/2011	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	<1	<1	<1	<1	<1	<1	0	<26	<52	<26	<26	<26	0
	6/22/2012	2.2	<1	<1	<1	<1	<1	2.2	No Sample Collected					
	9/14/2012	<1	<1	<1	<1	<1	<1	3.2	No Sample Collected					
	12/3/2012	<1	<1	<1	<1	<1	<1	0	<4.9	<4.9	<9.7	<4.9	<4.9	0
	3/27/2013	0.73	<1	<1	<1	<1	<1	0.73	<4.9	<4.9	<9.8	<4.9	<4.9	0
	5/31/2013	<1	<1	<1	<1	<1	1.2	1.2	<5.1	<5.1	<10	<5.1	<5.1	0
	12/2/2013	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
PS-05A	11/17/2009*	<1	5	<1	0.76 J	0.97 J	700	706.73	<4.9	<4.9	<9.8	<4.9	<4.9	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	No Sample Collected												
	6/29/2011	No Sample Collected												
	9/30/2011	<4	41	<4	<4	<4	1200	1241	<5.3	<5.3	<11	<5.3	<5.3	0
	11/25/2011	<4	11	<4	<4	<4	580	591	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	<1.4	13	<1	0.96 J	9.5	560	583.46	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/21/2012	<5	58	<5	<5	<5	870	928	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/17/2012	<4	<4	<4	<4	23 J	210	233	<9.8	<9.8	<20	<9.8	<9.8	2.3
	12/4/2012	<4	8.1	<4	<4	<4	490	498.1	<4.8	<4.8	<9.7	<4.8	<4.8	3.4
	3/26/2013	<8	<8	<8	<8	<8	330	337.5	<5	<5	<9.9	<5	<5	4.45
	5/31/2013	<8	8	<8	<8	<8	470	484.5	<4.8	<4.8	<9.6	<4.8	<4.8	8.1
	9/5/2013	<4	4.5	<4	<4	<4	310	329.2	<4.9	<4.9	<9.8	<4.9	<4.9	3.6
	12/2/2013	<4	4.1	<4	<4	<4	210	214.1	<5	<5	<10	<5	<5	1.7
PS-06	11/17/2009	<1	<1	<1	<1	0.61 J	<1	0.61	<25	<25	<50	<25	<25	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	<10	<10	<10	<10	<10	<10	0	<5.2	1.8 J	45	<5.2	1.9 J	48.7
	6/29/2011	<1	<1	<1	<1	2.7	<1	2.7	<4.7	1.3 J	36	<4.7	<4.7	37.3
	9/30/2011	<5	<5	<5	<5	<5	<5	0	<26	<26	8.9 J	<26	<26	8.9
	11/25/2011	<4	<4	<4	<4	<4	<4	0	<4.7	1.3 J	11	<4.7	<4.7	12.3
	3/28/2012	<4	<4	<4	<4	<4	<4	0	<4.7	<4.7	2.9 J	<4.7	<4.7	2.9
	6/21/2012	<4	<4	<4	<4	<4	<4	0	<4.7	0.75 J	3.5 J	<4.7	<4.7	4.25
	9/14/2012	No Sample Collected												
	12/4/2012	<5	<5	<5	<5	<5	<5	0	<4.9	<4.9	<9.7	<4.9	<4.9	0
	3/27/2013	<5	<5	<5	<5	<5	<5	4.6	<25	<25	<49	<25	<25	0
	5/31/2013	<5	<5	<5	<5	<5	<5	3.1	<4.9	<4.9	0.63	<4.9	<4.9	0.98
	9/5/2013	<5	<5	<5	<5	<5	<5	0	<4.8	<4.8	0.74	<4.8	<4.8	0.74
	12/2/2013	<5	<5	<5	<5	<5	<5	0	<5	<5	<10	<5	<5	0.47

AREA C GROUNDWATER SUMMARY TABLE		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA Standard**		5	3	3	3	1	5	-	1	1	5	0	1	-
RFI-20	11/19/2009	130	11	<1	2	7.6	5900	6050.6	<5	<5	<9.9	<5	<5	0
	10/10 - 11/10	ORC-A Application												
	3/24/2011	180	16	<5	<5	120	3000	3316	<24	<24	<47	<24	<24	0
	6/29/2011	130	<50	<50	<50	25 J	5900	6055	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/30/2011	34	3.8	<1	2.3	4.8	1100	1144.9	0.75 J	<5.3	<11	<5.3	<5.3	0.75
	11/25/2011	280	24	<4	<4	4	2100	2408	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/27/2012	74 J	5	<1	1.8 J	11 J	6600	6691.8	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/21/2012	<80	<80	<80	<80	<80	6700	6700	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/14/2012	270	<100	<100	<100	<100	8700	8727	<4.8	<4.8	<9.6	<4.8	<4.8	8.7
	12/3/2012	<100	<100	<100	<100	<100	4600	4600	<4.9	<4.9	<9.8	<4.9	<4.9	2.1
	3/26/2013	21	2.1	<1.4	1	280	6500	6804.1	<5	<5	<9.9	<5	<5	2.2
	5/31/2013	<100	<100	<100	<100	410	6400	6863	<4.8	<4.8	<9.6	<4.8	0.66	8.16
	9/5/2013	<100	<100	<100	<100	51	6900	6951	<4.8	<4.8	<9.7	<4.8	<4.8	1.3
	12/2/2013	<100	<100	<100	<100	61	8200	8261	<5	<5	<10	<5	<5	0
RFI-31	11/19/2009	1200	8.6 J	1600	110	9.6 J	830	3758.2	7.9	<5.5	<11	<5.5	0.47 J	8.37
	10/10 - 11/10	ORC-A Application												
	3/24/2011	1100	7.1	1000	69	9.5	680	2865.6	3.8 J	<25	<50	<25	<25	3.8
	6/29/2011	330	2	200	15	2.8	180	729.8	0.57 J	<4.8	<9.6	<4.8	<4.8	0.57
	9/30/2011	2000	8.6	340	34	17	1100	3499.6	25 J	<5.4	<11	<5.4	<5.4	25
	11/25/2011	410	<4	180	15	<4	320	925	<4.7	<4.7	<9.4	<4.7	<4.7	0
	3/28/2012	1900	10	960	69	9.7	740	3688.7	0.81	<4.8	2.5 J	<4.8	<4.8	3.31
	6/22/2012	820	4.2	250	22	7.5	470	1573.7	0.87 J	<4.7	2 J	<4.7	<4.7	2.87
	9/17/2012	230	<4	160	11	3 J	180	584	<4.8	<4.8	1.5 J	<4.8	<4.8	6.9
	12/4/2012	250	<4	280	18	<4	120	668	<4.9	<4.9	<9.8	<4.9	<4.9	1.2
	3/27/2013	400	<4	780	22	<4	37	1239	4.5	<4.9	1.4	<4.9	<4.9	8.76
	6/1/2013	400	<10	610	22	<10	200	1239.5	4.1	<4.7	1.4	<4.7	<4.7	7.9
	9/5/2013	610	<10	1300	66	10	610	2596	14	<4.8	1.6	<4.8	<4.8	25.3
	12/3/2013	350	<10	730	32	<10	120	1232	1.3	<5	<10	<5	<5	3.24

Notes:

* - Sample collected from well PS-05 which was replaced by PS-05A after it was destroyed.

** - Results compared to NYDEC Class GA water quality standards

J - Laboratory Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the Results are shown in ug/L.

Blue cells indicate groundwater monitoring events completed prior to the remediation activities.

LEGEND

-  Monitoring Well Location with Total VOC Concentration ug/L
 Total VOC Concentrations > 0 to < 10 ug/L
 Total VOC Concentrations > 10 to < 600 ug/L
 Total VOC Concentrations > 600 ug/L
 Property Boundary

RFI-21D NOT SAMPLED OR MEASURED AS PART OF OM&M

PS-06
(0)

MW-C01
(2.65)

RFI-31
(584)

PS-04
(3.2)

MW-C04
(396.4)

RFI-21D
(NS)

PS-05
(233)

RFI-20
(8727)

100 0 100
SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843



Environment & Infrastructure - Pittsburgh
800 North Bell Avenue
Carnegie, Pennsylvania 15106
2200 Georgetown Drive
Sewickley, Pennsylvania 15143

SEPTEMBER 2012 GROUNDWATER
MONITORING EVENT
TOTAL VOC CONCENTRATIONS
BUFFALO COLOR AREA - C

Figure: 2

LEGEND

-  Monitoring Well Location with Total VOC Concentration ug/L
 Total VOC Concentrations > 0 to < 10 ug/L (Dashed where inferred)
 Total VOC Concentrations > 10 to < 700 ug/L (Dashed where inferred)
 Total VOC Concentrations > 700 ug/L (Dashed where inferred)
 Property Boundary

RFI-21D NOT SAMPLED OR MEASURED AS PART OF OM&M



100 0 100
SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843



Environment & Infrastructure - Pittsburgh
800 North Bell Avenue 2200 Georgetown Drive
Carnegie, Pennsylvania 15106 Sewickley, Pennsylvania 15143

DECEMBER 2012 GROUNDWATER
MONITORING EVENT
TOTAL VOC CONCENTRATIONS
BUFFALO COLOR AREA - C

Figure: 2

LEGEND

-  Monitoring Well Location with Total VOC Concentration ug/L
 Total VOC Concentrations > 0 to < 10 ug/L (Dashed where inferred)
 Total VOC Concentrations > 10 to < 500 ug/L (Dashed where inferred)
 Total VOC Concentrations > 500 ug/L (Dashed where inferred)
 Property Boundary

RFI-21D NOT SAMPLED OR MEASURED AS PART OF OM&M

100 0 100
SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843



Environment & Infrastructure - Pittsburgh
800 North Bell Avenue
Carnegie, Pennsylvania 15106
2200 Georgetown Drive
Sewickley, Pennsylvania 15143

MARCH 2013 GROUNDWATER
MONITORING EVENT
TOTAL VOC CONCENTRATIONS
BUFFALO COLOR AREA - C

Figure: 2

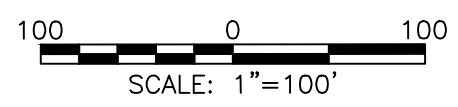
LEGEND

- Monitoring Well Location with
PS-04
(1.2)
- Total VOC Concentrations > 0 to < 10 ug/L
(Dashed where inferred)
- Total VOC Concentrations > 10 to < 500 ug/L
(Dashed where inferred)
- Total VOC Concentrations > 500 ug/L
(Dashed where inferred)
- Property Boundary

RFI-21D NOT SAMPLED OR MEASURED AS PART OF OM&M



P:\PROJECTS\South Buffalo Development\3410090701\CADD\FINAL\GW Monitoring - Qtrly Rpts\Area C 2013.dwg Thu, 05 Sep 2013 - 9:20am nancy.lagatuta



SOUTH BUFFALO DEVELOPMENT BUFFALO, NEW YORK Project No.: 3410110843	 Environment & Infrastructure - Pittsburgh 800 North Bell Avenue Carnegie, Pennsylvania 15106 2200 Georgetown Drive Sewickley, Pennsylvania 15143	SECOND QUARTER 2013 GROUNDWATER MONITORING EVENT TOTAL VOC CONCENTRATIONS BUFFALO COLOR AREA - C Figure: 2	2
---	--	--	----------

LEGEND

-  Monitoring Well Location with Total VOC Concentration ug/L
 Total VOC Concentrations > 0 to < 10 ug/L (Dashed where inferred)
 Total VOC Concentrations > 10 to < 500 ug/L (Dashed where inferred)
 Total VOC Concentrations > 500 ug/L (Dashed where inferred)
 Property Boundary

RFI-21D NOT SAMPLED OR MEASURED AS PART OF OM&M

P:\PROJECTS\South Buffalo Development\3410090701\CADD\FINAL\GW Monitoring - Qtrly Rpts\Area C 2013.dwg Thu, 14 Nov 2013 - 2:22pm nancy.lagatuta



100 0 100
SCALE: 1"=100'

SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843



Environment & Infrastructure - Pittsburgh
800 North Bell Avenue
Carnegie, Pennsylvania 15106
2200 Georgetown Drive
Sewickley, Pennsylvania 15143

THIRD QUARTER 2013
GROUNDWATER
MONITORING EVENT
TOTAL VOC CONCENTRATIONS
BUFFALO COLOR AREA - C
Figure: 2

LEGEND

-  Monitoring Well Location with Total VOC Concentration ug/L
 Total VOC Concentrations > 0 to < 10 ug/L (Dashed where inferred)
 Total VOC Concentrations > 10 to < 500 ug/L (Dashed where inferred)
 Total VOC Concentrations > 500 ug/L (Dashed where inferred)
 Property Boundary

RFI-21D NOT SAMPLED OR MEASURED AS PART OF OM&M

P:\PROJECTS\South Buffalo Development\3410090701\CADD\FINAL\GW Monitoring - Qtrly Rpts\Area C 2013.dwg Tue, 11 Feb 2014 - 9:46am nancy.lagatuta



SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843



Environment & Infrastructure - Pittsburgh
800 North Bell Avenue
Carnegie, Pennsylvania 15106

FOURTH QUARTER 2013
GROUNDWATER
MONITORING EVENT
TOTAL VOC CONCENTRATIONS
BUFFALO COLOR AREA - C
Figure: 2

ATTACHMENT C
GROUNDWATER SAMPLE LOGS

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 9/14/2012

SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

TYPE OF WATER QUALITY METER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

TYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

STANDARD	X	VOC
		SVOC
DUPLICATE	X	TAL INORGANICS
		TAL INORGANICS
		VOC
		SVOC
MS		TAL INORGANICS
		TAL INORGANICS
		VOC
		SVOC
MSD		TAL INORGANICS
		TAL INORGANICS
		VOC
		SVOC

METHOD
NUMBER

8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP

PRESERVATION METHOD

HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2

VOLUME
REQUIRED

1	X 40 mL
	X 1 LAG
1	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP

SAMPLE
COLLECTED

X	VOC
	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.634
------------------------------	---	--------------------------------	-------

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

Low recharge, not enough water to collect SVOA sample

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 9/17/2012
SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

TYPE OF WATER LEVEL DEVICE	
☒	GEOTECH INTERFACE METER
☐	SOLINST WATER METER
☐	OTHER

X	VOC
X	SVOC
X	TAL INORGANICS
X	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.523
------------------------------	---	--------------------------------	-------

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNITURE: _____

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 9/17/2012
SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

	BAILER
	PERISTALTIC PUMP
	ABSORBENT SOCK

DEPTH TO NAPL	ND	FT
NON DETECT (ND)		
NAPL VOL. REMOVED		GAL

[illegible]

TYPE OF PUMP

TYPE OF TUBINGTYPE OF WATER QUALITY METERTYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

METHOD
NUMBER

PRESERVATION METHOD

VOLUME
REQUIRED

SAMPLE
COLLECT

	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	
------------------------------	---	--------------------------------	--

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: 

Well was dry

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 9/14/2012

SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

	BAILER
	PERISTALTIC PUMP
	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED		GAL

SPECIFIC

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

TYPE OF TUBINGTYPE OF WATER QUALITY METERTYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

METHOD

PRESERVATION

VOLUME

SAMPLE E

		<u>NUMBER</u>	<u>METHOD</u>	<u>REQUIRED</u>	<u>COLLECTED</u>
STANDARD	X	VOC	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
DUPLICATE		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS		VOC	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	HCL / 4 DEG. C	X 40 mL	VOC
MSD		SVOC	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	4 DEG. C	X 1 LAG	SVOC

COMMENTS

NOTES

NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 9/17/2012

SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

STANDARD	☒	VOC	8260B	HCL / 4 DEG. C	3	X 40 mL	☒	VOC
	☒	SVOC	CLP	4 DEG. C	2	X 1 LAG	☒	SVOC
	☒	TAL INORGANICS	CLP	HNO3 to pH <2	1	X 1 LP	☒	TAL INORGANICS
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS (FILTERED)
DUPLICATE	☐	VOC	8260B	HCL / 4 DEG. C		X 40 mL	☐	VOC
	☐	SVOC	CLP	4 DEG. C		X 1 LAG	☐	SVOC
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS (FILTERED)
MS	☐	VOC	8260B	HCL / 4 DEG. C		X 40 mL	☐	VOC
	☐	SVOC	CLP	4 DEG. C		X 1 LAG	☐	SVOC
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS (FILTERED)
MSD	☐	VOC	8260B	HCL / 4 DEG. C		X 40 mL	☐	VOC
	☐	SVOC	CLP	4 DEG. C		X 1 LAG	☐	SVOC
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.317
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NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: 

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 12/3/2012
SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

	BAILER
	PERISTALTIC PUMP
	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED		GAL

SPECIFIC

[illegible]TYPE OF PUMPTYPE OF TUBINGTYPE OF WATER QUALITY METERTYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	3 X 40 mL	X VOC
	X	SVOC	CLP	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	1 X 1 LP	X TAL INORGANICS
DUPLICATE		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
	X	VOC	8260B	3 X 40 mL	X VOC
	X	SVOC	CLP	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
MS	X	VOC	8260B	3 X 40 mL	X VOC
	X	SVOC	CLP	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
	X	VOC	8260B	3 X 40 mL	X VOC
MSD	X	SVOC	CLP	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNITURE: _____

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 12/3/2012

SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

	BAILER
	PERISTALTIC PUMP
	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED		GAL

SPECIFIC

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

TYPE OF WATER QUALITY METER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

TYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	3 X 40 mL	X VOC
	X	SVOC	CLP	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	1 X 1 LP	X TAL INORGANICS
DUPLICATE		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	8260B	X 40 mL	VOC
		SVOC	CLP	X 1 LAG	SVOC
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	8260B	X 40 mL	VOC
MS		SVOC	CLP	X 1 LAG	SVOC
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	8260B	X 40 mL	VOC
MSD		SVOC	CLP	X 1 LAG	SVOC
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)

COMMENTS

Clayish color particles

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: 

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 12/3/2012
SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

TYPE OF WATER LEVEL DEVICE	
☒	GEOTECH INTERFACE METER
☐	SOLINST WATER METER
☐	OTHER

X	VOC
X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.396
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All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNITURE: _____

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 12/4/2012

SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3	X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2	X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1	X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C		X 40 mL		VOC
		SVOC	CLP	4 DEG. C		X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C		X 40 mL		VOC
		SVOC	CLP	4 DEG. C		X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C		X 40 mL		VOC
		SVOC	CLP	4 DEG. C		X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP		TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.423
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NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: 

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 12/3/2012

SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

	BAILER
	PERISTALTIC PUMP
	ABSORBENT SOCK

DEPTH TO NAPL	ND	FT
NON DETECT (ND)		

NAPL VOL. REMOVED	GAL
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SPECIFIC

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

TYPE OF WATER QUALITY METER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

TYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

METHOD

PRESERVATION

VOLUME

SAMPLE E

		<u>NUMBER</u>	<u>METHOD</u>	<u>REQUIRED</u>	<u>COLLECTED</u>
STANDARD	X	VOC	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
DUPLICATE		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS		VOC	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	HCL / 4 DEG. C	X 40 mL	VOC
MSD		SVOC	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	4 DEG. C	X 1 LAG	SVOC

COMMENTS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.333
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NOTES

NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 12/4/2012
SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

TYPE OF PUMP		TYPE OF TUBING		TYPE OF WATER QUALITY METER		TYPE OF WATER LEVEL DEVICE	
☐	WAILER	☒	SILICONE	☒	YSI 556 MPS W/ FLOW CELL	☒	GEOTECH INTERFACE METER
☐	SIMCO BLADDER	☐	HIGH DENSITY POLYETHYLENE	☐	HORIBA U-50 W/ FLOW CELL	☐	SOLINST WATER METER
☒	GEOPUMP PERISTALTIC PUMP	☐	OTHER	☐	OTHER	☐	OTHER

To Be Collected

ANALYSIS PARAMETERS		METHOD	PRESERVATION	VOLUME	SAMPLE		
e Collected		NUMBER	METHOD	REQUIRED	COLLECTED		
STANDARD	☒	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒	VOC
	☒	SVOC	CLP	4 DEG. C	2 X 1 LAG	☒	SVOC
	☒	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.296
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NOTES

NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNITURE: _____

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 3/27/2013

SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD	
☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

MEASUREMENT POINT ELEVATION	584.988	FASL
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	Ground level	IN
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒	NO ☐
TIME OF SAMPLE COLLECTION	2:30 PM	

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

TYPE OF WATER QUALITY METER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

TYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

Collected		
STANDARD	X	VOC
	X	SVOC
	X	TAL INORGANICS
DUPLICATE		TAL INORGANICS
		VOC
		SVOC
		TAL INORGANICS
		TAL INORGANICS
MS		VOC
		SVOC
		TAL INORGANICS
		TAL INORGANICS
MSD		VOC
		SVOC
		TAL INORGANICS
		TAL INORGANICS

METHOD
NUMBER

8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP

PRESERVATION METHOD

HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2

VOLUME
REQUIRED

3	X 40 mL
2	X 1 LAG
1	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP

SAMPLE
COLLECTED

X	VOC
X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.555
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NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 3/27/2013
SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

ANALYTICAL PARAMETERS

To Be Collected

	MSD	MS	DUPLICATE	STANDARD
				X
				X
				X

VOC
SVOC
TAL INORGANICS
TAL INORGANICS
VOC
SVOC
TAL INORGANICS
TAL INORGANICS
VOC
SVOC
TAL INORGANICS
TAL INORGANICS
VOC
SVOC
TAL INORGANICS
TAL INORGANICS

METHOD
NUMBER

8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP

PRESERVATION METHOD

HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2

VOLUME
REQUIRE

3	X 40 mL
2	X 1 LAG
1	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP

SAMPLE
COLLECT

X	VOC
X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.338
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NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: 

COMMENTS

Clayish color particulates

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 3/27/2013
SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD	
☐	BAILER
☐	PERISTALTIC PUMP
☒	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	FT
NAPL VOL. REMOVED	GAL

[illegible]

TYPE OF PUMP		TYPE OF TUBING		TYPE OF WATER QUALITY METER		TYPE OF WATER LEVEL DEVICE	
☐	WAILER	☒	SILICONE	☒	YSI 556 MPS W/ FLOW CELL	☒	GEOTECH INTERFACE METER
☐	SIMCO BLADDER	☐	HIGH DENSITY POLYETHYLENE	☐	HORIBA U-50 W/ FLOW CELL	☐	SOLINST WATER METER
☒	GEOPUMP PERISTALTIC PUMP	☐	OTHER	☐	OTHER	☐	OTHER

To Be Collected

Sample Collected		METHOD <u>NUMBER</u>	PRESERVATION <u>METHOD</u>	VOLUME <u>REQUIRED</u>	SAMPLE <u>COLLECTED</u>
STANDARD	X	VOC	8260B	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	X TAL INORGANICS
DUPLICATE		TAL INORGANICS	CLP	HNO3 to pH <2	
		VOC	8260B	HCL / 4 DEG. C	
		SVOC	CLP	4 DEG. C	
		TAL INORGANICS	CLP	HNO3 to pH <2	
		TAL INORGANICS	CLP	HNO3 to pH <2	
		VOC	8260B	HCL / 4 DEG. C	
MS		SVOC	CLP	4 DEG. C	
		TAL INORGANICS	CLP	HNO3 to pH <2	
		TAL INORGANICS	CLP	HNO3 to pH <2	
MSD		VOC	8260B	HCL / 4 DEG. C	
		SVOC	CLP	4 DEG. C	
		TAL INORGANICS	CLP	HNO3 to pH <2	
		TAL INORGANICS	CLP	HNO3 to pH <2	
		VOC	8260B	HCL / 4 DEG. C	
		SVOC	CLP	4 DEG. C	

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.423
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NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNITURE: _____

COMMENTS

Could not fit transducer down well to measure water depth

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 3/26/2013

SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

	BAILER	
	PERISTALTIC PUMP	
	ABSORBENT SOCK	
DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED		GAL

SPECIFIC

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

TYPE OF WATER QUALITY METER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

TYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

		<u>NUMBER</u>	<u>METHOD</u>	<u>REQUIRED</u>	<u>COLLECTED</u>
STANDARD	X	VOC	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
DUPLICATE		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS		VOC	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	HCL / 4 DEG. C	X 40 mL	VOC
MSD		SVOC	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	4 DEG. C	X 1 LAG	SVOC

COMMENTS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.592
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NOTES

NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 3/27/2013
SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

	BAILER
	PERISTALTIC PUMP
	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED		GAL

SPECIFIC

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

TYPE OF TUBINGTYPE OF WATER QUALITY METERTYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

METHOD
NUMBER

PRESERVATION METHOD

VOLUME
REQUIRE

SAMPLE
COLLECT

X	VOC
X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNITURE: _____

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 3/26/2013
SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

TYPE OF PUMP		TYPE OF TUBING		TYPE OF WATER QUALITY METER		TYPE OF WATER LEVEL DEVICE	
☐	WAILER	☒	SILICONE	☒	YSI 556 MPS W/ FLOW CELL	☒	GEOTECH INTERFACE METER
☐	SIMCO BLADDER	☐	HIGH DENSITY POLYETHYLENE	☐	HORIBA U-50 W/ FLOW CELL	☐	SOLINST WATER METER
☒	GEOPUMP PERISTALTIC PUMP	☐	OTHER	☐	OTHER	☐	OTHER

To Be Collected

Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	X TAL INORGANICS
DUPLICATE		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS (FILTERED)
	X	VOC	8260B	HCL / 4 DEG. C	X VOC
	X	SVOC	CLP	4 DEG. C	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS (FILTERED)
MS	X	VOC	8260B	HCL / 4 DEG. C	X VOC
	X	SVOC	CLP	4 DEG. C	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS (FILTERED)
MSD	X	VOC	8260B	HCL / 4 DEG. C	X VOC
	X	SVOC	CLP	4 DEG. C	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.396
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NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas D. Wagner

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 3/27/2013
SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

	BAILER
	PERISTALTIC PUMP
	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED		GAL

SPECIFIC

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

TYPE OF WATER QUALITY METER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

TYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

METHOD

NUMBER

PRESERVATION

METHOD

VOLUME

VOLUME
REQUIRE

SAMPLE

SAMPLE
COLLECTED

STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X	VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL		VOC
		SVOC	CLP	4 DEG. C	X 1 LAG		SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP		TAL INORGANICS (FILTERED)

COMMENTS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.555
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NOTES

NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 6/1/2013

SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

STANDARD	☒	VOC	8260B	HCL / 4 DEG. C	3	X 40 mL	☒	VOC
	☒	SVOC	CLP	4 DEG. C	2	X 1 LAG	☒	SVOC
	☒	TAL INORGANICS	CLP	HNO3 to pH <2	1	X 1 LP	☒	TAL INORGANICS
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS (FILTERED)
DUPLICATE	☐	VOC	8260B	HCL / 4 DEG. C		X 40 mL	☐	VOC
	☐	SVOC	CLP	4 DEG. C		X 1 LAG	☐	SVOC
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS (FILTERED)
MS	☐	VOC	8260B	HCL / 4 DEG. C		X 40 mL	☐	VOC
	☐	SVOC	CLP	4 DEG. C		X 1 LAG	☐	SVOC
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS (FILTERED)
MSD	☐	VOC	8260B	HCL / 4 DEG. C		X 40 mL	☐	VOC
	☐	SVOC	CLP	4 DEG. C		X 1 LAG	☐	SVOC
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.507
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NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: 

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 5/31/2013

SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

	BAILER
	PERISTALTIC PUMP
	ABSORBENT SOCK

DEPTH TO NAPL	ND	FT
NON DETECT (ND)		

NAPL VOL. REMOVED	GAL
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SPECIFIC

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

TYPE OF WATER QUALITY METER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

TYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

SAMPLE PARAMETERS		METHOD	PRESERVATION	VOLUME	SAMPLE
Collected		NUMBER	METHOD	REQUIRED	COLLECTED
STANDARD	X	VOC	8260B	3 X 40 mL	X VOC
	X	SVOC	CLP	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	1 X 1 LP	X TAL INORGANICS
	X	TAL INORGANICS	CLP	1 X 1 LP	X TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	X 40 mL	VOC
		SVOC	CLP	X 1 LAG	SVOC
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
MS		VOC	8260B	X 40 mL	VOC
		SVOC	CLP	X 1 LAG	SVOC
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
MSD		VOC	8260B	X 40 mL	VOC
		SVOC	CLP	X 1 LAG	SVOC
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)

COMMENTS

Clayish color particulates

NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 5/31/2013
SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

TYPE OF PUMP		TYPE OF TUBING		TYPE OF WATER QUALITY METER		TYPE OF WATER LEVEL DEVICE	
☐	WAILER	☒	SILICONE	☒	YSI 556 MPS W/ FLOW CELL	☒	GEOTECH INTERFACE METER
☐	SIMCO BLADDER	☐	HIGH DENSITY POLYETHYLENE	☐	HORIBA U-50 W/ FLOW CELL	☐	SOLINST WATER METER
☒	GEOPUMP PERISTALTIC PUMP	☐	OTHER	☐	OTHER	☐	OTHER

To Be Collected

e Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	1 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	X TAL INORGANICS
DUPLICATE		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS (FILTERED)
		VOC	8260B	HCL / 4 DEG. C	VOC
		SVOC	CLP	4 DEG. C	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS (FILTERED)
		VOC	8260B	HCL / 4 DEG. C	VOC
MS		SVOC	CLP	4 DEG. C	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS (FILTERED)
		VOC	8260B	HCL / 4 DEG. C	VOC
MSD		SVOC	CLP	4 DEG. C	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.254
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COMMENTS

Difficulty fitting transducer down well casing

NOTES

NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 5/31/2013
SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

TYPE OF PUMP	TYPE OF TUBING	TYPE OF WATER QUALITY METER	TYPE OF WATER LEVEL DEVICE
☐ WAILER	☒ SILICONE	☒ YSI 556 MPS W/ FLOW CELL	☒ GEOTECH INTERFACE METER
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE	☐ HORIBA U-50 W/ FLOW CELL	☐ SOLINST WATER METER
☒ GEOPUMP PERISTALTIC PUMP	☐ OTHER	☐ OTHER	☐ OTHER

To Be Collected

Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	3 X 40 mL	X VOC
	X	SVOC	CLP	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	1 X 1 LP	X TAL INORGANICS
DUPLICATE		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
	X	VOC	8260B	3 X 40 mL	X VOC
	X	SVOC	CLP	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
MS	X	VOC	8260B	3 X 40 mL	X VOC
	X	SVOC	CLP	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
MSD	X	VOC	8260B	3 X 40 mL	X VOC
	X	SVOC	CLP	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.349
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NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNITURE: _____

COMMENTS

D. MS. MSD

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 5/31/2013
SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

	BAILER
	PERISTALTIC PUMP
	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED		GAL

SPECIFIC

EQUIPMENT DOCUMENTATION

TYPE OF PUMPTYPE OF TUBINGTYPE OF WATER QUALITY METERTYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

METHOD
NUMBER

8260B

PRESERVATION

METHOD

VOLUME

VOLUME
REQUIRED

SAMPLE E

COLLECTED

X	VOC
X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: 

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 6/1/2013
SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

MEASUREMENT POINT ELEVATION	587.721	FASL
WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL	2.38	IN
WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED	YES ☒	NO ☐
TIME OF SAMPLE COLLECTION	8:15 AM	

☐	BAILER	
☐	PERISTALTIC PUMP	
☐	ABSORBENT SOCK	
DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED		GAL

SPECIFIC

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

TYPE OF WATER QUALITY METER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

TYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	3 X 40 mL	X VOC
	X	SVOC	CLP	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	1 X 1 LP	X TAL INORGANICS
DUPLICATE		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	8260B	X 40 mL	VOC
		SVOC	CLP	X 1 LAG	SVOC
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	8260B	X 40 mL	VOC
MS		SVOC	CLP	X 1 LAG	SVOC
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	8260B	X 40 mL	VOC
MSD		SVOC	CLP	X 1 LAG	SVOC
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	X 1 LP	TAL INORGANICS (FILTERED)

COMMENTS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.423
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All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: 

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 9/5/2013

SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

TYPE OF PUMP		TYPE OF TUBING		TYPE OF WATER QUALITY METER		TYPE OF WATER LEVEL DEVICE	
☐	WAILER	☒	SILICONE	☒	YSI 556 MPS W/ FLOW CELL	☒	GEOTECH INTERFACE METER
☐	SIMCO BLADDER	☐	HIGH DENSITY POLYETHYLENE	☐	HORIBA U-50 W/ FLOW CELL	☐	SOLINST WATER METER
☒	GEOPUMP PERISTALTIC PUMP	☐	OTHER	☐	OTHER	☐	OTHER

To Be Collected

SAMPLE PARAMETERS		METHOD	PRESERVATION	VOLUME	SAMPLE
e Collected		NUMBER	METHOD	REQUIRED	COLLECTED
STANDARD	X	VOC	8260B	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	X TAL INORGANICS
DUPLICATE		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS (FILTERED)
		VOC	8260B	HCL / 4 DEG. C	VOC
		SVOC	CLP	4 DEG. C	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS (FILTERED)
		VOC	8260B	HCL / 4 DEG. C	VOC
MS		SVOC	CLP	4 DEG. C	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS (FILTERED)
		VOC	8260B	HCL / 4 DEG. C	VOC
MSD		SVOC	CLP	4 DEG. C	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	TAL INORGANICS (FILTERED)
		VOC	8260B	HCL / 4 DEG. C	VOC

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.549
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NOTES

NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 9/5/2013

SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

STANDARD	X	VOC
	X	SVOC
	X	TAL INORGANICS
DUPLICATE		TAL INORGANICS
		VOC
		SVOC
MS		TAL INORGANICS
		TAL INORGANICS
		VOC
MSD		SVOC
		TAL INORGANICS
		TAL INORGANICS

METHOD
NUMBER

8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP
8260B
CLP
CLP
CLP

PRESERVATION METHOD

HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2
HCL / 4 DEG. C
4 DEG. C
HNO3 to pH <2
HNO3 to pH <2

VOLUME
REQUIRE

3	X 40 mL
2	X 1 LAG
1	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP
	X 40 mL
	X 1 LAG
	X 1 LP
	X 1 LP

SAMPLE
COLLECTED

X	VOC
X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.629
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NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagon

SIGNATURE: _____

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 9/5/2013
SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

TYPE OF PUMP		TYPE OF TUBING		TYPE OF WATER QUALITY METER		TYPE OF WATER LEVEL DEVICE	
☐	WAILER	☒	SILICONE	☒	YSI 556 MPS W/ FLOW CELL	☒	GEOTECH INTERFACE METER
☐	SIMCO BLADDER	☐	HIGH DENSITY POLYETHYLENE	☐	HORIBA U-50 W/ FLOW CELL	☐	SOLINST WATER METER
☒	GEOPUMP PERISTALTIC PUMP	☐	OTHER	☐	OTHER	☐	OTHER

To Be Collected

ANALYSIS		METHOD	PRESERVATION	VOLUME	SAMPLE	
		NUMBER	METHOD	REQUIRED	COLLECTED	
STANDARD		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	
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NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagon

SIGNATURE: _____

Well went dry and could not sample

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 9/5/2013
SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

☐	BAILER	
☐	PERISTALTIC PUMP	
☐	ABSORBENT SOCK	
DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED		GAL

SPECIFIC

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

TYPE OF TUBING

TYPE OF WATER QUALITY METERTYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

TEST PARAMETERS		METHOD	PRESERVATION	VOLUME	SAMPLE
		NUMBER	METHOD	REQUIRED	COLLECTED
STANDARD	☒	VOC	8260B	3 X 40 mL	☒ VOC
	☒	SVOC	CLP	4 DEG. C	☒ SVOC
	☒	TAL INORGANICS	CLP	HNO3 to pH <2	☒ TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	☐ TAL INORGANICS (FILTERED)
		VOC	8260B	HCL / 4 DEG. C	☐ VOC
		SVOC	CLP	4 DEG. C	☐ SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	☐ TAL INORGANICS
DUPLICATE		TAL INORGANICS	CLP	HNO3 to pH <2	☐ TAL INORGANICS (FILTERED)
		VOC	8260B	HCL / 4 DEG. C	☐ VOC
		SVOC	CLP	4 DEG. C	☐ SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	☐ TAL INORGANICS
MS		TAL INORGANICS	CLP	HNO3 to pH <2	☐ TAL INORGANICS (FILTERED)
		VOC	8260B	HCL / 4 DEG. C	☐ VOC
		SVOC	CLP	4 DEG. C	☐ SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	☐ TAL INORGANICS
MSD		TAL INORGANICS	CLP	HNO3 to pH <2	☐ TAL INORGANICS (FILTERED)
		VOC	8260B	HCL / 4 DEG. C	☐ VOC
		SVOC	CLP	4 DEG. C	☐ SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	☐ TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	☐ TAL INORGANICS (FILTERED)

COMMENTS

NOTES

NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas B. Wagner

ONTARIO SPECIALTY CONTRACTING, INC.

SAMPLE DATE 9/5/2013

SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

ANALYTICAL PARAMETERS

To Be Collected

		NUMBER	METHOD	REQUIRE	COLOR				
STANDARD		X	VOC	8260B	HCL / 4 DEG. C	3	X 40 mL	X	VOC
		X	SVOC	CLP	4 DEG. C	2	X 1 LAG	X	SVOC
		X	TAL INORGANICS	CLP	HN03 to pH <2	1	X 1 LP	X	TAL INORGANICS
			TAL INORGANICS	CLP	HN03 to pH <2		X 1 LP		TAL INORGANICS (FILTERED)
DUPLICATE			VOC	8260B	HCL / 4 DEG. C		X 40 mL		VOC
			SVOC	CLP	4 DEG. C		X 1 LAG		SVOC
			TAL INORGANICS	CLP	HN03 to pH <2		X 1 LP		TAL INORGANICS
			TAL INORGANICS	CLP	HN03 to pH <2		X 1 LP		TAL INORGANICS (FILTERED)
MS			VOC	8260B	HCL / 4 DEG. C		X 40 mL		VOC
			SVOC	CLP	4 DEG. C		X 1 LAG		SVOC
			TAL INORGANICS	CLP	HN03 to pH <2		X 1 LP		TAL INORGANICS
			TAL INORGANICS	CLP	HN03 to pH <2		X 1 LP		TAL INORGANICS (FILTERED)
MSD			VOC	8260B	HCL / 4 DEG. C		X 40 mL		VOC
			SVOC	CLP	4 DEG. C		X 1 LAG		SVOC
			TAL INORGANICS	CLP	HN03 to pH <2		X 1 LP		TAL INORGANICS
			TAL INORGANICS	CLP	HN03 to pH <2		X 1 LP		TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.338
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NOTES

NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 12/2/2013
SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

TYPE OF WATER LEVEL DEVICE	
☒	GEOTECH INTERFACE METER
☐	SOLINST WATER METER
☐	OTHER

X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.328
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NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagon

SIGNITURE: _____

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 12/3/2013
SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

	BAILER
	PERISTALTIC PUMP
	ABSORBENT SOCK

DEPTH TO NAPL	ND	FT
NON DETECT (ND)		

NAPL VOL. REMOVED	GAL
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SPECIFIC

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

TYPE OF TUBINGTYPE OF WATER QUALITY METER

TYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

METHOD
NUMBER

8260B

PRESERVATION

METHOD

VOLUME

VOLUME
REQUIRED

SAMPLE

COLLECTED

X	VOC
X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

COMMENTS

Clayish color particulates

NOTES

NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 12/2/2013
SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

STANDARD	☒	VOC	8260B	HCL / 4 DEG. C	3	X 40 mL	☒	VOC
	☒	SVOC	CLP	4 DEG. C	2	X 1 LAG	☒	SVOC
	☒	TAL INORGANICS	CLP	HNO3 to pH <2	1	X 1 LP	☒	TAL INORGANICS
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS (FILTERED)
DUPLICATE	☐	VOC	8260B	HCL / 4 DEG. C		X 40 mL	☐	VOC
	☐	SVOC	CLP	4 DEG. C		X 1 LAG	☐	SVOC
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS (FILTERED)
MS	☐	VOC	8260B	HCL / 4 DEG. C		X 40 mL	☐	VOC
	☐	SVOC	CLP	4 DEG. C		X 1 LAG	☐	SVOC
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS (FILTERED)
MSD	☐	VOC	8260B	HCL / 4 DEG. C		X 40 mL	☐	VOC
	☐	SVOC	CLP	4 DEG. C		X 1 LAG	☐	SVOC
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS
	☐	TAL INORGANICS	CLP	HNO3 to pH <2		X 1 LP	☐	TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.159
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NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: 

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 12/2/2013
SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED		GAL

[illegible]

TYPE OF WATER LEVEL DEVICE	
☒	GEOTECH INTERFACE METER
☐	SOLINST WATER METER
☐	OTHER

X	VOC
X	SVOC
X	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)
	VOC
	SVOC
	TAL INORGANICS
	TAL INORGANICS (FILTERED)

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.328
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All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNITURE: _____

COMMENTS

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 12/2/2013
SAMPLER Tom Wagner (TW)

NAPL REMOVAL METHOD

☐	BAILER
☐	PERISTALTIC PUMP
☐	ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED	GAL	

[illegible]

	WAILER
	SIMCO BLADDER
X	GEOPUMP PERISTALTIC PUMP

X	SILICONE
X	HIGH DENSITY POLYETHYLENE
	OTHER

X	YSI 556 MPS W/ FLOW CELL
	HORIBA U-50 W/ FLOW CELL
	OTHER

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

ANALYTICAL PARAMETERS

To Be Collected

		NUMBER	METHOD	REQUIRED	COLLECTED
STANDARD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)
DUPLICATE	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)
MS	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)
MSD	☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
	☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
	☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
	☐ TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	☐ TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.655
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NOTES

NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

Thomas B. Wagner

SIGNATURE: _____

COMMENTS

D. MS. MSD

ONTARIO SPECIALTY CONTRACTING, INC.
SAMPLE DATE 12/3/2013
SAMPLER Tom Wagner (TW)

MEASUREMENT POINT

NAPL REMOVAL METHOD

☐	BAILER	
☐	PERISTALTIC PUMP	
☐	ABSORBENT SOCK	
DEPTH TO NAPL NON DETECT (ND)	ND	FT
NAPL VOL. REMOVED		GAL

SPECIFIC

EQUIPMENT DOCUMENTATION

TYPE OF PUMP

TYPE OF TUBINGTYPE OF WATER QUALITY METER

TYPE OF WATER LEVEL DEVICE

X	GEOTECH INTERFACE METER
	SOLINST WATER METER
	OTHER

To Be Collected

METHOD

PRESERVATION

VOLUME

SAMPLE E

		NUMBER	METHOD	REQUIRED	COLLECTED	
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HN03 to pH <2	1 X 1 LP	X TAL INORGANICS
DUPLICATE		TAL INORGANICS	CLP	HN03 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HN03 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HN03 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HN03 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HN03 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
MSD		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HN03 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HN03 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

COMMENTS

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE: Thomas D. Wagner

ATTACHMENT D
SITE INSPECTION SHEETS

SOIL COVER INSPECTION CHECKLIST

Former Buffalo Color Facility, AreaC, Buffalo, NY

Date: 9/25/12
 Weather: 60 F-Sunny
 Personnel (Organization): Tom Wagner (OSC) - Dave Szymanski (DEC)

Instructions: Complete the checklist of evaluation items and then complete specific data items. Field measurements should be made with a cloth tape and noted on a Site plan. Estimated measurements shall be so noted. All field notes and documentation, including hand sketches, photographs, and notes made on the Site plan, should be attached to the completed checklist to further define conditions or problems.

EVALUATION ITEMS

CONDITION: (Check)

Action Required	Acceptable	Not Acceptable	Yes	No	Remarks
(Write NA if not applicable)					
1. Integrity of Soil Cover					
a. Runoff/Erosion Damage	✓				
b. Settlement	✓				
c. Missing/Insufficient grass/vegetation	✓				
d. Animal Burrows	✓				
2. Surface Pavement					
a. Condition	✓				
3. At-Grade/Basement Concrete Slabs (occupied structures)					
a. Condition	✓				

SPECIFIC DATA ITEMS (Write NA if not applicable)

Area(s): N/A

- Approximate size in feet area(s) (List separately)
 - _____ by _____
 - _____ by _____
 - _____ by _____
- Deepest point of area(s) (e.g. erosion/damage) measured from the adjacent surface (List separately)
 - _____ feet
 - _____ feet
 - _____ feet

SOIL COVER INSPECTION CHECKLIST (CONTINUED)
Former Buffalo Color Facility, Area C, Buffalo, NY

3. Attach a hand sketch or photograph to the attached Site plan showing the location(s) of the area(s). Identify each area by using the letter a, b, c, etc. from Question 1.

N/A

4. Approximate size in feet of any settlement area within the area(s). (List separately.)

a) _____ by _____
b) _____ by _____
c) _____ by _____

5. Approximate size and location of animal burrows. (Attach a sketch showing approximate locations.)

N/A

6. Approximate depth of settlement area(s) measured from the adjacent surface. (List separately.)

a) _____ feet
b) _____ feet
c) _____ feet

7. Attach a hand sketch or photograph to the attached Site plan showing the location of the settlement area(s). Identify each area by using the letter a, b, or c, etc. from Question 6.

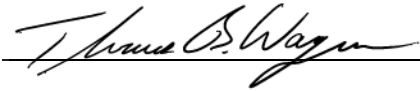
N/A

8. Approximate size and depth of eroded area(s).

a) _____ feet
b) _____ feet
c) _____ feet

9. Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).

N/A



Signature of Inspector(s)

Attachments

_____ Yes ☒ No

Other Comments:

None

SOIL COVER INSPECTION CHECKLIST

Former Buffalo Color Facility, AreaC, Buffalo, NY

Date: 12/20/12
 Weather: 35, ptl cloudy
 Personnel (Organization): Tom Wagner (OSC), Dave Szymanski(DEC)

Instructions: Complete the checklist of evaluation items and then complete specific data items. Field measurements should be made with a cloth tape and noted on a Site plan. Estimated measurements shall be so noted. All field notes and documentation, including hand sketches, photographs, and notes made on the Site plan, should be attached to the completed checklist to further define conditions or problems.

EVALUATION ITEMS

CONDITION: (Check)

Action Required	Acceptable	Not Acceptable	Yes	No	Remarks
(Write NA if not applicable)					
1. Integrity of Soil Cover					
a. Runoff/Erosion Damage	✓				
b. Settlement	✓				
c. Missing/Insufficient grass/vegetation	✓				
d. Animal Burrows	✓				
2. Surface Pavement					
a. Condition	✓				
3. At-Grade/Basement Concrete Slabs (occupied structures)					
a. Condition	✓				

SPECIFIC DATA ITEMS (Write NA if not applicable)

Area(s): N/A

- Approximate size in feet area(s) (List separately)
 - _____ by _____
 - _____ by _____
 - _____ by _____
- Deepest point of area(s) (e.g. erosion/damage) measured from the adjacent surface (List separately)
 - _____ feet
 - _____ feet
 - _____ feet

SOIL COVER INSPECTION CHECKLIST (CONTINUED)
Former Buffalo Color Facility, Area C, Buffalo, NY

3. Attach a hand sketch or photograph to the attached Site plan showing the location(s) of the area(s). Identify each area by using the letter a, b, c, etc. from Question 1.

N/A

4. Approximate size in feet of any settlement area within the area(s). (List separately.)

a) _____ by _____
b) _____ by _____
c) _____ by _____

5. Approximate size and location of animal burrows. (Attach a sketch showing approximate locations.)

N/A

6. Approximate depth of settlement area(s) measured from the adjacent surface. (List separately.)

a) _____ feet
b) _____ feet
c) _____ feet

7. Attach a hand sketch or photograph to the attached Site plan showing the location of the settlement area(s). Identify each area by using the letter a, b, or c, etc. from Question 6.

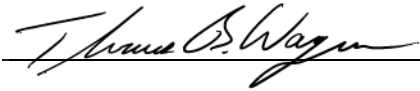
N/A

8. Approximate size and depth of eroded area(s).

a) _____ feet
b) _____ feet
c) _____ feet

9. Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).

N/A



Signature of Inspector(s)

Attachments

_____ Yes ☒ No

Other Comments:

None

SOIL COVER INSPECTION CHECKLIST

Former Buffalo Color Facility, AreaC, Buffalo, NY

Date: 3/7/13
 Weather: 38 Lt. Snow
 Personnel (Organization): Tom Wagner (OSC) - Dave Szymanski (DEC)

Instructions: Complete the checklist of evaluation items and then complete specific data items. Field measurements should be made with a cloth tape and noted on a Site plan. Estimated measurements shall be so noted. All field notes and documentation, including hand sketches, photographs, and notes made on the Site plan, should be attached to the completed checklist to further define conditions or problems.

EVALUATION ITEMS

CONDITION: (Check)

Action Required	Acceptable	Not Acceptable	Yes	No	Remarks
(Write NA if not applicable)					
1. Integrity of Soil Cover					
a. Runoff/Erosion Damage	✓				
b. Settlement	✓				
c. Missing/Insufficient grass/vegetation	✓				
d. Animal Burrows	✓				
2. Surface Pavement					
a. Condition	✓				
3. At-Grade/Basement Concrete Slabs (occupied structures)					
a. Condition	✓				

SPECIFIC DATA ITEMS (Write NA if not applicable)

Area(s): N/A

- Approximate size in feet area(s) (List separately)
 - _____ by _____
 - _____ by _____
 - _____ by _____
- Deepest point of area(s) (e.g. erosion/damage) measured from the adjacent surface (List separately)
 - _____ feet
 - _____ feet
 - _____ feet

SOIL COVER INSPECTION CHECKLIST (CONTINUED)
Former Buffalo Color Facility, Area C, Buffalo, NY

3. Attach a hand sketch or photograph to the attached Site plan showing the location(s) of the area(s). Identify each area by using the letter a, b, c, etc. from Question 1.

N/A

4. Approximate size in feet of any settlement area within the area(s). (List separately.)

a) _____ by _____
b) _____ by _____
c) _____ by _____

5. Approximate size and location of animal burrows. (Attach a sketch showing approximate locations.)

N/A

6. Approximate depth of settlement area(s) measured from the adjacent surface. (List separately.)

a) _____ feet
b) _____ feet
c) _____ feet

7. Attach a hand sketch or photograph to the attached Site plan showing the location of the settlement area(s). Identify each area by using the letter a, b, or c, etc. from Question 6.

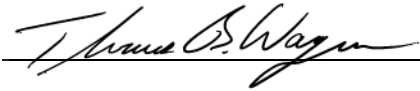
N/A

8. Approximate size and depth of eroded area(s).

a) _____ feet
b) _____ feet
c) _____ feet

9. Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).

N/A



Signature of Inspector(s)

Attachments

_____ Yes ☒ No

Other Comments:

None

SOIL COVER INSPECTION CHECKLIST

Former Buffalo Color Facility, AreaC, Buffalo, NY

Date: 5/29/13
 Weather: 64 sunny
 Personnel (Organization): Tom Wagner (OSC)

Instructions: Complete the checklist of evaluation items and then complete specific data items. Field measurements should be made with a cloth tape and noted on a Site plan. Estimated measurements shall be so noted. All field notes and documentation, including hand sketches, photographs, and notes made on the Site plan, should be attached to the completed checklist to further define conditions or problems.

EVALUATION ITEMS

CONDITION: (Check)

Action Required	Acceptable	Not Acceptable	Yes	No	Remarks
(Write NA if not applicable)					
1. Integrity of Soil Cover					
a. Runoff/Erosion Damage	✓				
b. Settlement	✓				
c. Missing/Insufficient grass/vegetation	✓				
d. Animal Burrows	✓				
2. Surface Pavement					
a. Condition	✓				
3. At-Grade/Basement Concrete Slabs (occupied structures)					
a. Condition	✓				

SPECIFIC DATA ITEMS (Write NA if not applicable)

Area(s): N/A

- Approximate size in feet area(s) (List separately)
 - _____ by _____
 - _____ by _____
 - _____ by _____
- Deepest point of area(s) (e.g. erosion/damage) measured from the adjacent surface (List separately)
 - _____ feet
 - _____ feet
 - _____ feet

SOIL COVER INSPECTION CHECKLIST (CONTINUED)
Former Buffalo Color Facility, Area C, Buffalo, NY

3. Attach a hand sketch or photograph to the attached Site plan showing the location(s) of the area(s). Identify each area by using the letter a, b, c, etc. from Question 1.

N/A

4. Approximate size in feet of any settlement area within the area(s). (List separately.)

a) _____ by _____
b) _____ by _____
c) _____ by _____

5. Approximate size and location of animal burrows. (Attach a sketch showing approximate locations.)

N/A

6. Approximate depth of settlement area(s) measured from the adjacent surface. (List separately.)

a) _____ feet
b) _____ feet
c) _____ feet

7. Attach a hand sketch or photograph to the attached Site plan showing the location of the settlement area(s). Identify each area by using the letter a, b, or c, etc. from Question 6.

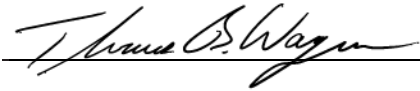
N/A

8. Approximate size and depth of eroded area(s).

a) _____ feet
b) _____ feet
c) _____ feet

9. Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).

N/A



Signature of Inspector(s)

Attachments

_____ Yes ☒ No

Other Comments:

None

SOIL COVER INSPECTION CHECKLIST

Former Buffalo Color Facility, AreaC, Buffalo, NY

Date: 9/25/13
 Weather: 72 Sunny
 Personnel (Organization): Tom Wagner (OSC)

Instructions: Complete the checklist of evaluation items and then complete specific data items. Field measurements should be made with a cloth tape and noted on a Site plan. Estimated measurements shall be so noted. All field notes and documentation, including hand sketches, photographs, and notes made on the Site plan, should be attached to the completed checklist to further define conditions or problems.

EVALUATION ITEMS

CONDITION: (Check)

Action Required	Acceptable	Not Acceptable	Yes	No	Remarks
(Write NA if not applicable)					
1. Integrity of Soil Cover					
a. Runoff/Erosion Damage	✓				
b. Settlement	✓				
c. Missing/Insufficient grass/vegetation	✓				
d. Animal Burrows	✓				
2. Surface Pavement					
a. Condition	✓				
3. At-Grade/Basement Concrete Slabs (occupied structures)					
a. Condition	✓				

SPECIFIC DATA ITEMS (Write NA if not applicable)

Area(s): N/A

- Approximate size in feet area(s) (List separately)
 - _____ by _____
 - _____ by _____
 - _____ by _____
- Deepest point of area(s) (e.g. erosion/damage) measured from the adjacent surface (List separately)
 - _____ feet
 - _____ feet
 - _____ feet

SOIL COVER INSPECTION CHECKLIST (CONTINUED)
Former Buffalo Color Facility, Area C, Buffalo, NY

3. Attach a hand sketch or photograph to the attached Site plan showing the location(s) of the area(s). Identify each area by using the letter a, b, c, etc. from Question 1.

N/A

4. Approximate size in feet of any settlement area within the area(s). (List separately.)

a) _____ by _____
b) _____ by _____
c) _____ by _____

5. Approximate size and location of animal burrows. (Attach a sketch showing approximate locations.)

N/A

6. Approximate depth of settlement area(s) measured from the adjacent surface. (List separately.)

a) _____ feet
b) _____ feet
c) _____ feet

7. Attach a hand sketch or photograph to the attached Site plan showing the location of the settlement area(s). Identify each area by using the letter a, b, or c, etc. from Question 6.

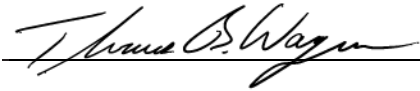
N/A

8. Approximate size and depth of eroded area(s).

a) _____ feet
b) _____ feet
c) _____ feet

9. Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).

N/A



Signature of Inspector(s)

Attachments

_____ Yes ☒ No

Other Comments:

None

SOIL COVER INSPECTION CHECKLIST

Former Buffalo Color Facility, AreaC, Buffalo, NY

Date: 12/11/13
 Weather: 41 Ptl. Cloudy
 Personnel (Organization): Tom Wagner (OSC)

Instructions: Complete the checklist of evaluation items and then complete specific data items. Field measurements should be made with a cloth tape and noted on a Site plan. Estimated measurements shall be so noted. All field notes and documentation, including hand sketches, photographs, and notes made on the Site plan, should be attached to the completed checklist to further define conditions or problems.

EVALUATION ITEMS

CONDITION: (Check)

Action Required	Acceptable	Not Acceptable	Yes	No	Remarks
(Write NA if not applicable)					
1. Integrity of Soil Cover					
a. Runoff/Erosion Damage	✓				
b. Settlement	✓				
c. Missing/Insufficient grass/vegetation	✓				
d. Animal Burrows	✓				
2. Surface Pavement					
a. Condition	✓				
3. At-Grade/Basement Concrete Slabs (occupied structures)					
a. Condition	✓				

SPECIFIC DATA ITEMS (Write NA if not applicable)

Area(s): N/A

- Approximate size in feet area(s) (List separately)
 - _____ by _____
 - _____ by _____
 - _____ by _____
- Deepest point of area(s) (e.g. erosion/damage) measured from the adjacent surface (List separately)
 - _____ feet
 - _____ feet
 - _____ feet

SOIL COVER INSPECTION CHECKLIST (CONTINUED)
Former Buffalo Color Facility, Area C, Buffalo, NY

3. Attach a hand sketch or photograph to the attached Site plan showing the location(s) of the area(s). Identify each area by using the letter a, b, c, etc. from Question 1.

N/A

4. Approximate size in feet of any settlement area within the area(s). (List separately.)

a) _____ by _____
b) _____ by _____
c) _____ by _____

5. Approximate size and location of animal burrows. (Attach a sketch showing approximate locations.)

N/A

6. Approximate depth of settlement area(s) measured from the adjacent surface. (List separately.)

a) _____ feet
b) _____ feet
c) _____ feet

7. Attach a hand sketch or photograph to the attached Site plan showing the location of the settlement area(s). Identify each area by using the letter a, b, or c, etc. from Question 6.

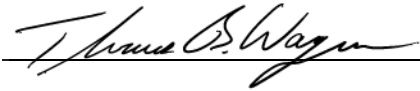
N/A

8. Approximate size and depth of eroded area(s).

a) _____ feet
b) _____ feet
c) _____ feet

9. Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).

N/A



Signature of Inspector(s)

Attachments

_____ Yes ☒ No

Other Comments:

None

SITE-WIDE INSPECTION FORM

Former Buffalo Color Facility, Area C, Buffalo, NY

Date: 9/25/12
Weather: 60 F - Sunny
Personnel (Organization): Tom Wagner(OSC) - Dave Szymanski (DEC)

Instructions: Complete the checklist of evaluation items and then complete specific data items. Field measurements should be made with a cloth tape and noted on a Site plan. Estimated measurements shall be so noted. All field notes and documentation, including hand sketches, photographs, and notes should be on the same Site plan and should be attached to the completed checklist to further define conditions or problems.

EVALUATION ITEMS

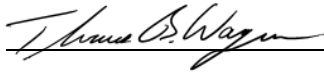
CONDITION: (Check)

	Acceptable	Not Acceptable	Action Required		Remarks
			Yes	No	
(Write NA if not applicable)					
1. Institutional Controls					
a. Site Use	✓				
2. Engineering Controls					
a. Soil Cover	✓				
b. Surface Pavement	✓				
c. At-Grade/Basement Slabs	✓				
3. Site Management Activities					
a. Confirmation Sampling	✓				
b. Health & Safety Inspection	✓				
c. Other (specify)	✓				
4. Permits					
a. Compliant?	✓				
5. O&M					
a. Schedule being followed?	✓				
6. Site Records					
a. Up to date?	✓				

SITE-WIDE INSPECTION FORM (CONTINUED)
Former Buffalo Color Facility, Area C, Buffalo, NY

7. General Site Conditions

Good



Signature of Inspector(s)

Attachments

_____ Yes

_____ ☒ No

Other Comments:

None

SITE-WIDE INSPECTION FORM

Former Buffalo Color Facility, Area C, Buffalo, NY

Date: 12/20/12
 Weather: 35, Ptl. cloudy
 Personnel (Organization): Tom Wagner(OSC) - Dave Szymanski(Dec)

Instructions: Complete the checklist of evaluation items and then complete specific data items. Field measurements should be made with a cloth tape and noted on a Site plan. Estimated measurements shall be so noted. All field notes and documentation, including hand sketches, photographs, and notes should be on the same Site plan and should be attached to the completed checklist to further define conditions or problems.

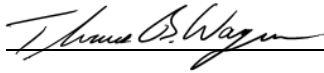
EVALUATION ITEMS

	<u>CONDITION: (Check)</u>				
	Acceptable	Not Acceptable	Action Required		Remarks
			Yes	No	
(Write NA if not applicable)					
1. Institutional Controls					
a. Site Use	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
2. Engineering Controls					
a. Soil Cover	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
b. Surface Pavement	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
c. At-Grade/Basement Slabs	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
3. Site Management Activities					
a. Confirmation Sampling	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
b. Health & Safety Inspection	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
c. Other (specify)	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
4. Permits					
a. Compliant?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
5. O&M					
a. Schedule being followed?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
6. Site Records					
a. Up to date?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

SITE-WIDE INSPECTION FORM (CONTINUED)
Former Buffalo Color Facility, Area C, Buffalo, NY

7. General Site Conditions

Good



Signature of Inspector(s)

Attachments

_____ Yes

_____ ☒ No

Other Comments:

None

Date:	3/7/13
Weather:	39 Lt. Snow
Personnel (Organization):	Tom Wagner(OSC) - Dave Szymanski(Dec)

EVALUATION ITEMS

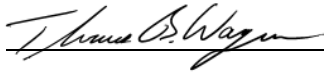
Action Required

a. Up to date? ☒

SITE-WIDE INSPECTION FORM (CONTINUED)
Former Buffalo Color Facility, Area C, Buffalo, NY

7. **General Site Conditions**

Good



Signature of Inspector(s)

Attachments

_____ Yes

_____ ☒ No

Other Comments:

None

Former Buffalo Color Facility, Area C, Buffalo, NY

Instructions: Complete the checklist of evaluation items and then complete specific data items. Field measurements should be made with a cloth tape and noted on a Site plan. Estimated measurements shall be so noted. All field notes and documentation, including hand sketches, photographs, and notes should be on the same Site plan and should be attached to the completed checklist to further define conditions or problems.

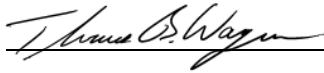
CONDITION: (Check)

(Write NA if not applicable)		Acceptable	Not Acceptable	Yes	No	Remarks
1. Institutional Controls						
a.	Site Use	✓				
2. Engineering Controls						
a.	Soil Cover	✓				
b.	Surface Pavement	✓				
c.	At-Grade/Basement Slabs	✓				
3. Site Management Activities						
a.	Confirmation Sampling	✓				
b.	Health & Safety Inspection	✓				
c.	Other (specify)	✓				
4. Permits						
a.	Compliant?	✓				
5. O&M						
a.	Schedule being followed?	✓				
6. Site Records						
a.	Up to date?	✓				

SITE-WIDE INSPECTION FORM (CONTINUED)
Former Buffalo Color Facility, Area C, Buffalo, NY

7. **General Site Conditions**

Good



Signature of Inspector(s)

Attachments

_____ Yes

_____ ☒ No

Other Comments:

None

SITE-WIDE INSPECTION FORM

Former Buffalo Color Facility, Area C, Buffalo, NY

Date: 9/25/12
 Weather: 72 Sunny
 Personnel (Organization): Tom Wagner(OSC)

Instructions: Complete the checklist of evaluation items and then complete specific data items. Field measurements should be made with a cloth tape and noted on a Site plan. Estimated measurements shall be so noted. All field notes and documentation, including hand sketches, photographs, and notes should be on the same Site plan and should be attached to the completed checklist to further define conditions or problems.

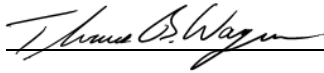
EVALUATION ITEMS

	Acceptable	Not Acceptable	<u>CONDITION: (Check)</u>		Remarks
			Yes	No	
(Write NA if not applicable)					
1. Institutional Controls					
a. Site Use	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
2. Engineering Controls					
a. Soil Cover	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
b. Surface Pavement	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
c. At-Grade/Basement Slabs	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
3. Site Management Activities					
a. Confirmation Sampling	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
b. Health & Safety Inspection	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
c. Other (specify)	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
4. Permits					
a. Compliant?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
5. O&M					
a. Schedule being followed?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
6. Site Records					
a. Up to date?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

SITE-WIDE INSPECTION FORM (CONTINUED)
Former Buffalo Color Facility, Area C, Buffalo, NY

7. **General Site Conditions**

Good



Signature of Inspector(s)

Attachments

_____ Yes

_____ ☒ No

Other Comments:

None

SITE-WIDE INSPECTION FORM

Former Buffalo Color Facility, Area C, Buffalo, NY

Date: 12/11/13
 Weather: 41 Ptl. Cloudy
 Personnel (Organization): Tom Wagner(OSC)

Instructions: Complete the checklist of evaluation items and then complete specific data items. Field measurements should be made with a cloth tape and noted on a Site plan. Estimated measurements shall be so noted. All field notes and documentation, including hand sketches, photographs, and notes should be on the same Site plan and should be attached to the completed checklist to further define conditions or problems.

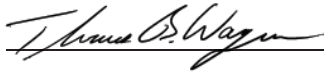
EVALUATION ITEMS

	Acceptable	Not Acceptable	CONDITION: (Check)		Remarks
			Yes	No	
(Write NA if not applicable)					
1. Institutional Controls					
a. Site Use	✓				
2. Engineering Controls					
a. Soil Cover	✓				
b. Surface Pavement	✓				
c. At-Grade/Basement Slabs	✓				
3. Site Management Activities					
a. Confirmation Sampling	✓				
b. Health & Safety Inspection	✓				
c. Other (specify)	✓				
4. Permits					
a. Compliant?	✓				
5. O&M					
a. Schedule being followed?	✓				
6. Site Records					
a. Up to date?	✓				

SITE-WIDE INSPECTION FORM (CONTINUED)
Former Buffalo Color Facility, Area C, Buffalo, NY

7. General Site Conditions

Good



Signature of Inspector(s)

Attachments

_____ Yes

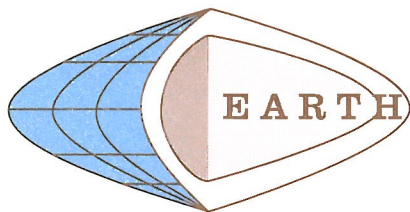
_____ ☒ No

Other Comments:

None

ATTACHMENT E

MONITORING WELL PS-04A DOCUMENTATION



EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

16F13

HOLE NO. Bore Hole PS-04A

SURF. ELEVATION

PROJECT Replace existing damaged 1" PVC well with 2" well

LOCATION Lee Street at Elk Street

City of Buffalo, Erie Co., NY

(Former Buffalo Color Area C)

CLIENT Ontario Specialty Contracting, Inc.

DATE STARTED 06/27/13 COMPLETED 06/27/13

DEPTH BLOWS ON
IN FT SAMPLER

SN	0/ 6	6/ 12	12/ 18	18/ 24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL (1) 2	WATER TABLE AND REMARKS
							Advanced bore hole with 4 1/4 inch ID x 8 inch OD hollow stem auger casing without split spoon sampling to 7.0 feet.		± 1.5' ± 2.5' ± 3.0' ± 7.0'
							Boring completed at 7.0 feet.		(1) 4" LOCKING STEEL PROTECTIVE CASING INSTALLED IN SMALL CONCRETE PAD (2) CONCRETE (3) 2" SCHEDULE 40 FLUSH JOINT THREADED PVC RISER (4) BENTONITE SEAL (5) .010 SLOT 2" PVC SCREEN (6) #00N SIZE MORIE SAND PACK Note: Removed existing protective casing and well. Drilled with 4 1/4 inch ID x 8 inch OD hollow stem auger casing in former bore hole removing old well annular materials to 7.0 feet. Installed 2 inch PVC well in completed bore hole.

N=NUMBER OF BLOWS TO DRIVE N/A SPOON N/A" WITH N/A lb. WT. FALLING N/A" PER BLOW

LOGGED BY Brian R. Bartron, Geologist. (mw)

SHEET 1 OF 1