Ontario Specialty Contracting, Inc.



Environmental Remediation ◆ Demolition / Dismantlement ◆ Brownfield Redevelopment

May 17, 2013

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

Subject: 2012 Periodic Review Report

Buffalo Color Corporation – Area E Site No. C915232

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 E 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 April 17, 2013.

I. Executive Summary

A. Site Summary: The 15.8 acre Site is located at 85 Lee Street in the City of Buffalo, County of Erie, New York. It is one of five areas which comprised of the former Buffalo Color Corporation which produced dyes and organic chemicals until 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 soil and groundwater on the southwestern portion of Area E were found to contain concentrations of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) that exceeded applicable NY soil and groundwater standards. Petroleum (weathered No. 2 fuel oil) in the form of a light non-aqueous phase liquid (LNAPL) present in the shallow soil and on the shallow water table was identified on the southeastern side of Area E.

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

- Excavation and off-site disposal soils containing constituents exceeding SCOs;
- The utilization of 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 rehabilitation of the existing 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 2012, the following routine Operations, Maintenance, and Monitoring (OMM) activities have been completed in accordance with Site Management Plan, prepared by AMEC E&I, Inc. dated September 14, 2011 (referred to hereafter as the SMP):

- Quarterly shallow groundwater sampling;
- Annual groundwater sampling from wells located adjacent to former LNAPL excavation area;
- Quarterly LNAPL interface measurements from wells located adjacent to former LNAPL excavation area;
- Quarterly storm sewer sampling collected from manhole DMH-E31 which is located on Area E and is the furthest downstream manhole prior to the Buffalo River outfall; and
- Quarterly Site inspections.

Tables summarizing groundwater monitoring results and figures showing the corresponding Volatile Organic Compound (VOC) concentrations are included in Attachment B for each of the quarterly sampling events conducted in 2012.

Non-routine O&M activities included the rehabilitation of the upstream portion of the Area E storm sewer system and the decommissioning and replacement of the defective monitoring well EW-E04. These activities are discussed further in the following paragraphs.

Following the Cast In Place Pipe (CIPP) lining performed to rehabilitate the Area E storm sewer system, traces of chemical constituents similar to that of the surrounding groundwater were identified within the quarterly storm sewer sampling. The groundwater infiltration was traced to the upstream portion of the storm water system which is confined to the Armor Electric Motor and Crane Services Inc. (Armor Electric) parking lot. The Armor Electric property is located just outside of and immediately adjacent to the northern Area E property boundary. This work consisted of installing 4 precast concrete catch basins, 300 feet of 12 inch corrugated HDPE water tight drain pipe, and 125 feet of 6 inch HDPE water tight drain pipe. Construction was initiated November 16th 2012 and completed on November 26 2012. A final construction report for the Armor Electric storm sewer rehabilitation is provided in **Attachment E**. A post installation inspection has identified a defective boot seal within a recently installed Armor Electric catch basin (CB-A) and is scheduled for repair within the late second to early third quarters of 2013.

On March 30, 2012, the Area E monitoring well designated as EW-E04 was found to be filled with stone/soil debris up to an estimated level of two feet below ground surface, which prevented intended groundwater sampling from this well. The cause of the damage remains unknown and the well was subsequently decommissioned and replaced by Buffalo Drilling Company Inc. on June 27, 2012. A post script letter "A" has been designated to the well ID to indicate its recent replacement. The corresponding incident report, decommission log, and installation log is included in **Attachment F**.

- B. Effectiveness of the Remedial Program: The following conclusions were developed based on the data collected during the 2012 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-29 and RFI-32; however, the concentrations have decreased significantly since the ORC-A application as part of the remedial effort in 2011.

- Based on the latest data from the fourth quarter 2012 monitoring, the primary COC chlorobenzene is slightly above 5 ppb at RFI-29 and has decreased by approximately 50%, from 30,000 ppb to 16,000 ppb at RFI-32. Monitoring well MW-E05 chlorobenzene concentrations have dropped below 5 ppb, which is a two order of magnitude reduction. All other wells have chlorobenzene concentrations less than 5 ppb. A figure is included within **Attachment B** which shows the current status of chlorobenzene concentrations.
- Groundwater flow direction is preventing offsite migration of constituents as the constituents continue to attenuate. Groundwater flow in the vicinity of the wells exhibiting elevated VOC concentrations, RFI-29 and RFI-32, is inward to the Area E site. A figure is included within Attachment B which indicates the groundwater flow direction.
- C. Compliance: No areas of non-compliance have been identified.
- D. Recommendations: No changes to the 2011 SMP are currently warranted or recommended. Routine OMM activities will continue in 2013. Scheduled repairs to the defective Armor Electric storm sewer catch basin CB-A will be completed during the 2013 time period.

II. Site Overview

A. Site Location: The site is located at 85 Lee Street in the City of Buffalo, County of Erie, New York. The site is an approximate 15.8 acre area bounded by Elk Street to the north, industrial property operated by PVS Chemicals to the south, Lee Street to the east, and Orlando Street to the west. All former buildings and ancillary structures that were located on Area E in connection with the operation of the former Buffalo Color Corporation plant have been demolished, and the site is currently vacant. The site is part of the former Buffalo Color Corporation facility, which also included Areas A, B, and C located to the west and southwest (**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 E, dating back to the 1980s. In 2007-2008, Mactec Engineering and Consulting Inc. 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 E Site were to eliminate the potential for direct contact with impacted soils and sediments, 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 13,600 CY (in-place volume) of VOC-contaminated soils from three locations on the western/southwestern side of Area E 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:
- Excavation and off-site disposal soil containing petroleum LNAPL from the southeastern side of Area E to accomplish mass removal of petroleum LNAPL;
- 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 rehabilitation of the existing storm sewer system, including replacement of sections with new piping and sealing of existing pipe via installation of cured-in-place piping (CIPP) and sealing of manholes with a chemical-resistant grout to prevent groundwater infiltration;
- 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 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 Institutional and Engineering Controls, operation, maintenance and monitoring, and reporting.

The above described remedial activities were completed at the Site in 2010 and 2011 and are documented in the Area E Final Engineering Report (Mactec, 2011).

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 Amec Environment & Infrastructure, Inc. conducted a level 2 data validation of the corresponding data. Tabulated groundwater analytical data, isoconcentration and groundwater elevation figures are provided in **Attachment B**.

Insufficient time has elapsed to determine if a decreasing trend in groundwater constituents has been established based on the analytical results from the quarterly groundwater sampling. A trend analysis of the data will be completed with the 2013 Area E PRR.

The performed LNAPL interface checks indicated that for all four quarters, monitoring well ICM-PZ-03S was the only well to contain LNAPL; which was always confined to a layer less than 2 inches. The LNAPL present was subsequently removed through the installation of absorbent socks before the measurement was repeated for the next quarter. 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. The 2012 site and cover system inspection sheets are provided in **Attachment D**. No deficiencies or comments for concern were noted throughout the 2012 time 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;
 - Annual Low-Flow groundwater sampling from wells located adjacent to former LNAPL excavation area;
 - Quarterly LNAPL interface measurements from wells located adjacent to former LNAPL excavation area;

- Quarterly storm sewer sampling collected from manhole DMH-E31 which is located on Area E and is the furthest downstream manhole prior to the Buffalo River outfall; 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 2012:

AREA E 2012 QUARTERLY MONITORING COMPLIANCE SUMMARY									
Monitoring Type	1st	2nd	3rd	4th					
Low-Flow Shallow Groundwater Well Sampling	X	X	X	X					
LNAPL Wells Interface Measurements	X	X	X	X					
DMH-E31 Storm Sewer Sampling	X	X	X	X					
Site / Cover Inspections	X	X	X	X					
AREA E 2012 ANNUAL MONITORING COMPLIANCE SUMMARY									
Monitoring Type		20	12						
Low-Flow Shallow Groundwater LNAPL Well Sampling	X								

AREA E 2012 QUARTERLY WELL MONITORING SUMMARY										
Well ID	Monitoring Type	Monitoring Parameters	1st	2nd	3rd	4th				
R-10	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X				
R-11	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X				
RFI-17	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X				
RFI-29	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X				
RFI-32	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X				
RFI-33	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X				
RFI-51	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X				
RFI-PZ-16	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X				
MW-E03	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X				
MW-E04	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals		X	X	X				
MW-E05	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X				
MW-E06	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X				
MW-E07	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	X	X	X	X				
MW-E08	Quarterly NAPL checks	Interface Meter Measurement	X	X	X	X				
MW-E09	Quarterly NAPL checks	Interface Meter Measurement	X	X	X	X				
MW-E10	Quarterly NAPL checks	Interface Meter Measurement	X	X	X	X				
ICM-PZ-02S	Quarterly NAPL checks	Interface Meter Measurement	X	X	X	X				
ICM-PZ-03S	Quarterly NAPL checks	Interface Meter Measurement	X	X	X	X				
RFI-PZ-17	Quarterly NAPL checks	Interface Meter Measurement	X	X	X	X				
	AREA E 2012 ANN	WAL WELL MONITORING SUMMARY								
Well ID	Monitoring Type	Monitoring Parameters		20	12					
MW-E08	Annual Sampling	TCL VOCs, TCL SVOCs, TAL metals		2	X					
MW-E09	Annual Sampling	TCL VOCs, TCL SVOCs, TAL metals		2	X					
MW-E10	Annual Sampling	TCL VOCs, TCL SVOCs, TAL metals		2	K					
ICM-PZ-02S	Annual Sampling	TCL VOCs, TCL SVOCs, TAL metals		2	K					
ICM-PZ-03S	Annual Sampling	TCL VOCs, TCL SVOCs, TAL metals		2	K					
RFI-PZ-17	Annual Sampling	TCL VOCs, TCL SVOCs, TAL metals		2	X					

- 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 Remedy Performance, Effectiveness and Protectiveness portion of this report (Section III) for additional information.
- D. Monitoring Deficiencies: Monitoring well EW-E04 was not sampled during the first quarter of 2012 as it was found to be defective due to stone/soil debris infill within the well stickup. The well was immediately replaced and was sampled without issue for the following quarters.

E. Conclusions and Recommendations for Changes: No changes are recommended at this time and routine monitoring will continue in 2013.

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

when Andh

- A. Compliance with SMP: Activities completed during 2012 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 decreasing COC concentrations in Site groundwater. Rehabilitation of the Site storm sewer system has reduced COC concentrations from groundwater infiltration into the system.
- C. Future PRR Submittals: It is currently expected that the next PRR will be submitted on or about May 15, 2014.

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.

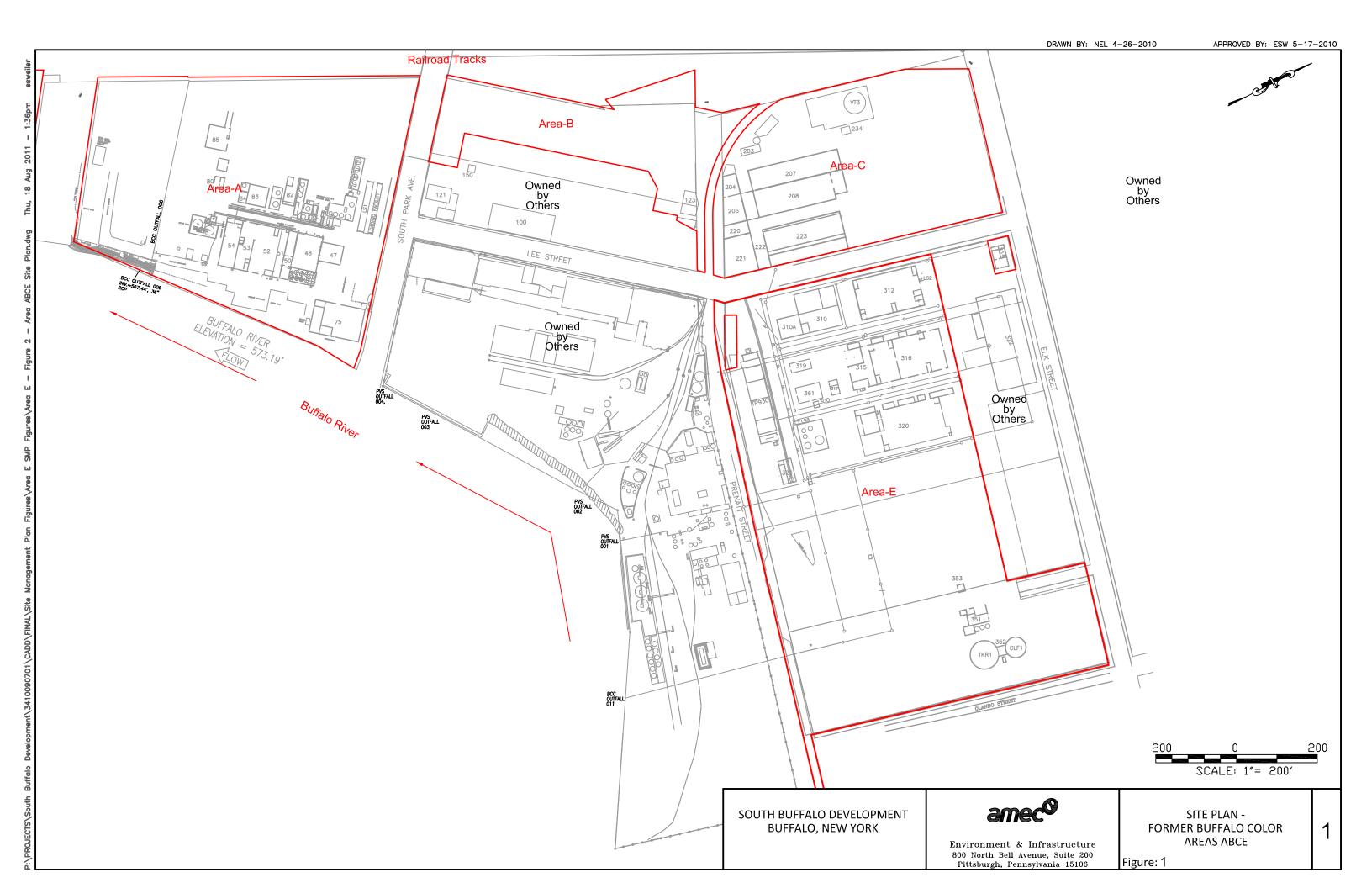
cc: Eugene Melnyk, P.E. NYSDEC Region 9

Richard Galloway Honeywell

Daniel Forlastro AMEC Engineering and Consulting, Inc.

George Pfeiffer De Maximis, Inc.

John Yensan South Buffalo Development, LLC



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



Sit	e No.	Box 1							
Sit	e Name Bu	ffalo Color Corporation Area E Site							
City Co	e Address: y/Town: Bu unty:Erie e Acreage:								
Re	porting Perio	od: December 30, 2011 to April 02, 2013							
			YES	NO					
1.	Is the inform	mation above correct?							
	If NO, inclu	de handwritten above or on a separate sheet.							
2.		or all of the site property been sold, subdivided, merged, or undergone a nendment during this Reporting Period?							
3.	Has there to (see 6NYC		X						
4.	Have any for or at the		X						
		wered YES to questions 2 thru 4, include documentation or evidence nentation has been previously submitted with this certification form.							
5.	Is the site of	currently undergoing development?							
			Box 2						
			YES	NO					
6.		ent site use consistent with the use(s) listed below? al 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.								
Α (Corrective M	easures Work Plan must be submitted along with this form to address the	ese issu	ies.					
Sig	nature of Ow	vner, Remedial Party or Designated Representative Date							

		Box 2	A
Q	Has any new information revealed that assumptions made in the Qualitative Exposure	YES	NO
Ο.	Assessment regarding offsite contamination are no longer valid?		
	If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9.	Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)		
	If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		
SIT	E NO. C915232	Вох	(3
	Description of Institutional Controls		

Owner Institutional Control Parcel 122.12-1-12.1 Jon Williams **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.

122.12-1-30

Jon Williams

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.

122.12-1-31

Jon Williams

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.

122.12-1-9.11

Jon Williams

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.

122.12-1-9.13 Jon Williams

Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

Soil Management Plan

Ground Water Use Restriction

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.

Description of Engineering Controls

Parcel Engineering Control
122.12-1-12.1
Cover System

122.12-1-30
Cover System

122.12-1-31
Cover System

122.12-1-9.11
Cover System

122.12-1-9.13
Cover System

			Box 5						
	Periodic Review Report (PRR) Certification Statements								
1.	I certify by checking "YES" below that:								
	 a) the Periodic Review report and all attachments were prepared under the direct reviewed by, the party making the certification; 	tion of,	and						
	 b) to the best of my knowledge and belief, the work and conclusions described in this cer are in accordance with the requirements of the site remedial program, and generally acce engineering practices; and the information presented is accurate and compete. 								
	engineering practices; and the information presented is accurate and compete.		NO						
		X							
2.	If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that following statements are true:								
	(a) the Institutional Control and/or Engineering Control(s) employed at this site is the date that the Control was put in-place, or was last approved by the Department		nged since						
	(b) nothing has occurred that would impair the ability of such Control, to protect p the environment;	ublic he	ealth and						
	(c) access to the site will continue to be provided to the Department, to evaluate tincluding access to evaluate the continued maintenance of this Control;	the rem	edy,						
	(d) nothing has occurred that would constitute a violation or failure to comply with Management Plan for this Control; and	the Sit	е						
	(e) if a financial assurance mechanism is required by the oversight document for mechanism remains valid and sufficient for its intended purpose established in the								
		YES	NO						

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

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

Signature of Owner, Remedial Party or Designated Representative

X

Date

IC CERTIFICATIONS SITE NO. 915012

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 <u>Jon M. Williams</u> print name	at _	333 Ganson Street, Buffalo, NY 14203 , print business address
am certifying as	Owner	(Owner or Remedial Party)
for the Site named in the Site	Details Section	n of this form.
Signature of Owner, Remedi Rendering Certification	al Party, or Des	ignated Representative May 23, 2013 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.

DANIEL FORLASTRO at MACTEL, 800 N. BELL AVE, PITTSBURGH print name print business address PA 15106 am certifying as a Professional Engineer for the SOUTH BUFFALO DEVELOPMENT LUC (Owner or Remedial Party)

OF FORMAL AVE, PITTSBURGH PA 15106

A 15106

OWNER OF FORMAL AVE, PITTSBURGH PA 15106

OWNER OF THE FORMAL PARTY OF THE FORMAL PARTY PA 15106

A 15106

OWNER OF THE FORMAL PARTY PA 15106

OWNER OF THE FORMAL PARTY P

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

ATTACHMENT B GROUNDWATER DATA TABLES AND FIGURES

		,2-Dichlorobenzene	,3-Dicholorbenzene	,4-Dicholorbenzene	Benzene	Cholorbenzene	Total TCL VOCs	Total TCL SVOCs		
Class GA	Standard**	3	3	3	1	5				
Glade G/ t	Ctaridara		Ŭ		Not Sam					
	10/10 - 1/11				C-A Application					
R-10	3/30/2012	<5	<5	<5	<5	<5	0	0		
11-10	6/28/2012	<5	<5	<5	<5	<5	0	0.67		
	9/13/2012	<5	<5	<5	<5	<5	0	0		
	11/29/2012	<5	<5	<5	<5	<5	0	0		
	11/18/2009	<5	<5	<5	<5 C-A App	<5	20	0.41		
	10/10 - 1/11		-							
R-11	3/30/2012	<5 5	<5	<5	<5	<5	0	0		
	6/28/2012 9/13/2012	<5 <5	<5 <5	<5 <5	<5 <5	<5 <5	20 0	NA 0		
	11/29/2012	<5 <5	<5	<5	<5	<5	0	0		
	11/17/2009	1.1	<1	<1	<1	1.3	2.4	0		
	10/10 - 1/11	1.1	-1		C-A App		4.7	<u> </u>		
	3/30/2012	<1	<1	<1	1.1	30	31.1	0		
RFI-17	6/28/2012	<1	<1	<1	<1	<1	0	0		
	9/13/2012	<1	<1	<1	<1	<1	0	0		
	11/30/2012	<1	<1	<1	<1	<1	0	0		
	11/17/2009	3	1.1	5.2	<1	14	23.3	0.42		
	10/10 - 1/11			OR	С-А Арр	lication				
RFI-29	3/30/2012	1.8	<1	2.9	<1	7.7	12.4	0		
	6/28/2012	3	1.1	5.8	<1	17	26.9	0.6		
	9/12/2012	3	0.98 J	5.2	<1	16	25.18	0		
	11/28/2012	1.6	<1	2.4	<1	7.5	11.5	0.91		
	11/20/2009	<100	<100	49 J	420	28000	28469	37.95		
	10/10 - 1/11	20	2.7		C-A App		20770 40	0		
RFI-32	3/30/2012	20	3.7	48	700	30000	30776.12	15.2		
	6/28/2012 9/12/2012	<500 <500	<500 <500	<500 <500	430 J 370 J	28000 27000	28430 27370	15.2 5.15		
	11/29/2012	<200	<200	<200	260	16000	16260	15		
	11/18/2009	<1	<1	<1	<1	<1	0	0.53		
	10/10 - 1/11				C-A App			0.00		
DELOG	3/30/2012	<1	<1	<1	<1	9.4	9.4	0		
RFI-33	6/28/2012	<1	<1	<1	<1	<1	0	0		
	9/12/2012	<1	<1	<1	<1	<1	0	0		
	11/30/2012	<1	<1	<1	<1	<1	0	0.35		
	11/19/2009	0.56	<1	<1	<1	1.7	2.26	0		
	10/10 - 1/11				C-A App					
RFI-51	3/30/2012	<1	<1	<1	<1	<1	0	0		
	6/28/2012	<1	<1	<1	<1	<1	0	0		
	9/12/2012	<1	<1	<1	<1	<1	0	0.93		
-	11/28/2012	<1	<1	<1	<1	<1	U	0		
	10/10 - 1/11				Not Sam C-A App					
	3/30/2012	<1	<1	<1	-A Αμμ <1	<1	0	0		
RFI-PZ-16	6/28/2012	<1	<1	<1	<1	<1	0	0		
	9/12/2012	<1	<1	<1	<1	<1	0	0		
	11/28/2012	<1	<1	<1	<1	<1	0	0		
	11/20/2009	<1	<1	<1	<1	1.4	1.4	0.44		
	10/10 - 1/11			OR	C-A App					
MW-E03	3/30/2012	<1	<1	<1	1.7	40	41.7	0		
IVIVV-LU3	6/28/2012	<1	<1	<1	<1	<1	0	0		
	9/12/2012	<1	<1	<1	<1	<1	0	0		
	11/29/2012	<1	<1	<1	<1	<1	0	0.37		

		ЭС	ЭС	ЭС								
		1,2-Dichlorobenzene	,3-Dicholorbenzene	1,4-Dicholorbenzene				Ś				
		žu:	ĬŽ.	Z,		Φ	Total TCL VOCs	Total TCL SVOCs				
		þe	рę	å		Cholorbenzene	ŏ	\mid				
		o.c	<u> </u>	<u> </u>		ΣC	>	S.				
		2	2	2	Φ	ē	<u> </u>					
		<u>:</u>	<u>:</u>	.5	Benzene	- P	Ĕ	ĭ				
		Q.	Ą	P	ΣĹ	엉	ल	70				
		Δ	ຕັ	4,	<u>ē</u>	Ķ	į t	ō,				
Class CA	C4===d===d**	3	3	3		5						
Class GA	Standard**		-		1							
	11/20/2009	0.55	<1	<1	<1	8.0	1.83	440*				
	10/10 - 1/11			OR	C-A App	lication						
	3/30/2012		No S				estroyed					
MW-E04		-1						124*				
	6/28/2012	<4	<4	<4	<4	<4	15.6					
	9/12/2012	<4	<4	<4	<4	<4	0	3.48				
	11/29/2012	<1	<1	<1	<1	<1	0	28.41				
					Not Sam	pled						
	10/10 - 1/11	Not Sampled ORC-A Application										
							110.50					
MW-E05	3/30/2012	<1	<1	<1	0.56 J	110	110.56	0				
WWW LOO	6/28/2012	<1	<1	<1	<1	51	51	0				
	9/11/2012	<1	<1	<1	<1	9.8	9.8	0				
	11/28/2012	<1	<1	<1	<1	3.9	3.9	0				
					Not Sam	pled						
	10/10 - 1/11			OR	C-A App	lication						
	3/30/2012	<1	<1	<1	<1	0.76 J	0.76	0				
MW-E06	6/28/2012	<1	<1	<1	<1	<1	0.70	0				
	9/11/2012	0.87 J	<1	<1	<1	<1	0.87	0				
	11/28/2012	<1	<1	<1	<1	<1	0	0				
					Not Sam	pled						
	10/10 - 1/11				C-A App							
												
MW-E07	3/30/2012	<1	<1	<1	<1	<1	0	34.51				
11111 201	6/28/2012	<1	<1	<1	<1	<1	0	77.27				
	9/11/2012	<1	<1	<1	<1	<1	0	45.95				
	11/27/2012	<1	<1	<1	<1	<1	0	45.02				
	11/21/2012	`	_ `				U	45.02				
					Not Sam							
	10/10 - 1/11			OR	C-A App	lication						
	3/30/2012	<1	<1	<1	<1	<1	0	0				
MW-E08	6/28/2012			la Callac								
		No Sample Collected - Annual Sample Location No Sample Collected - Annual Sample Location										
	9/11/2012											
	11/27/2012	N	lo Samp	le Collec	cted - An	nual Sar	nple Location	on				
					Not Sam	pled						
	10/10 - 1/11			OR	C-A App	lication						
	3/30/2012	<1	<1	<1	<1	<1	0	0				
MW-E09												
	6/28/2012						nple Location					
	9/11/2012	N	lo Samp	le Collec	cted - An	nual Sar	nple Location	on				
	11/27/2012	<u> </u>										
					Not Sam							
	10/10 1/11											
	10/10 - 1/11				C-A App							
MW-E10	3/30/2012	<5	<5	<5	<5	<5	0	1.9				
1414 A - 17	6/28/2012	N	lo Samp	le Collec	cted - An	nual Sar	nple Location	on				
	9/11/2012						nple Location					
	11/27/2012	N	io samp				nple Location	ווע				
					Not Sam	pled						
	10/10 - 1/11			OR	C-A App	lication						
1014 87 55	3/30/2012	<1	<1	<1	<1	<1	0	0				
ICM-PZ-02S	6/28/2012						nple Location					
	9/11/2012	N	lo Samp	le Collec	cted - An	nual Sar	nple Location	on				
	11/27/2012	N	lo Samp	le Collec	cted - An	nual Sar	nple Location	on				
					Not Sam	pled						
	10/10 - 1/11				C-A App							
ICM-PZ-03S	3/30/2012	<1	<1	<1	<1	<1	3.8	0				
	6/28/2012	N	lo Samp	le Collec	cted - An	nual Sar	nple Location	on				
	9/11/2012						nple Location					
	11/27/2012	, ,	lo Samo		ted An	nual San	nple Location	าท				
	11/20/2009	<5	<5	<5	<5	<5	0	2.8				
	10/10 - 1/11			OR	C-A App	lication						
DEL DZ 47	3/30/2012	<1	<1	<1	<1	<1	0	0				
RFI-PZ-17	6/28/2012	N	lo Samn	le Collec		nual Sar	nple Location	on				
	9/11/2012						nple Location					
	11/27/2012	N	lo Samp	ie Collec	cted - An	nual Sar	nple Location	on				
· · · · · · · · · · · · · · · · · · ·												

Notes:

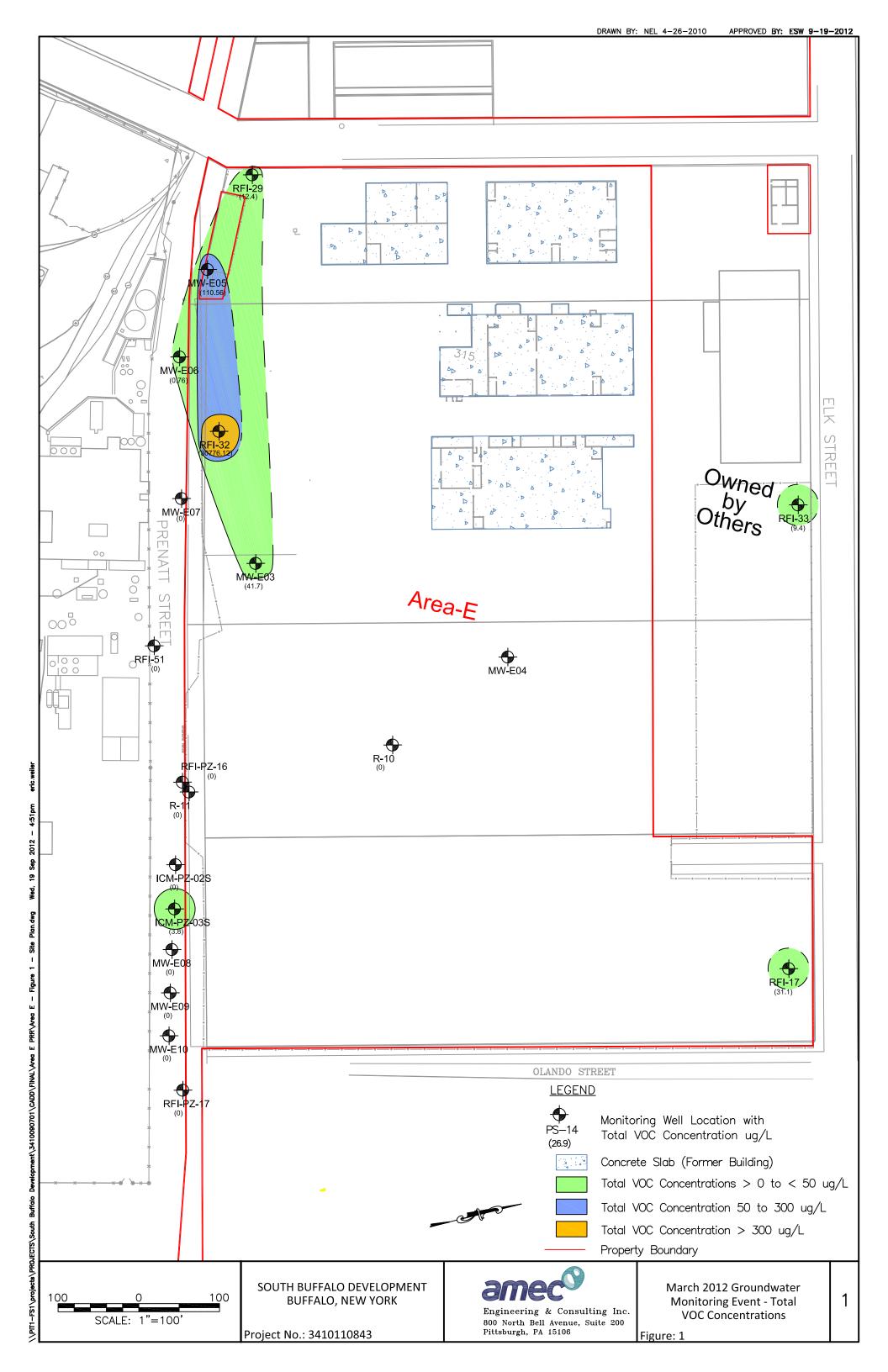
- * MW-E04 exceeded the NY Class GA standard of 5 ug/L for 2,4-Dinitrotoluene and 2,6-Dinitrotoluene
- ** Results compared to NYDEC Class GA water quality standards

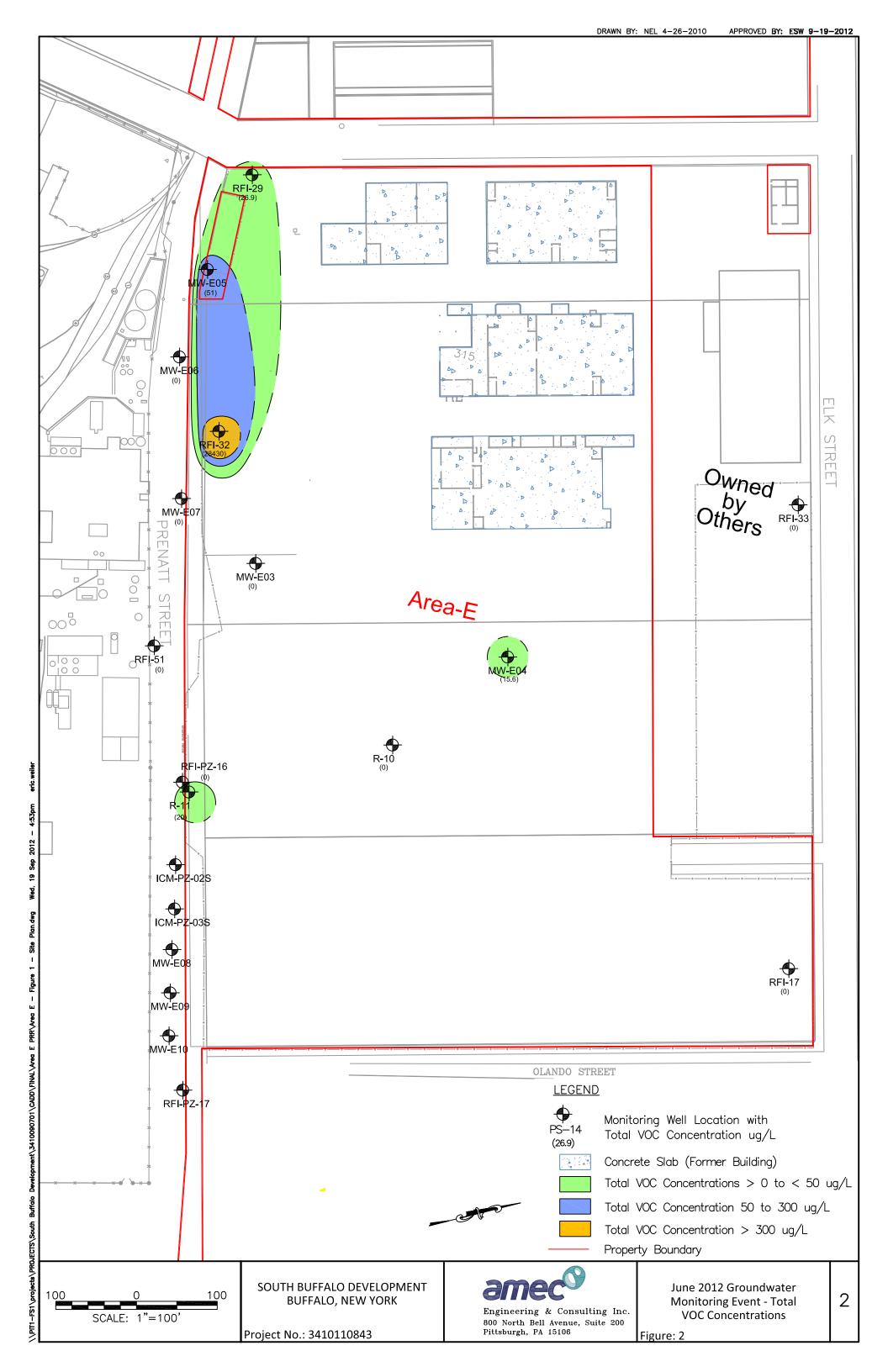
MW-E04 was discovered to be damaged during the first quarter sampling event, it was repaired prior to the second quarter sampling event

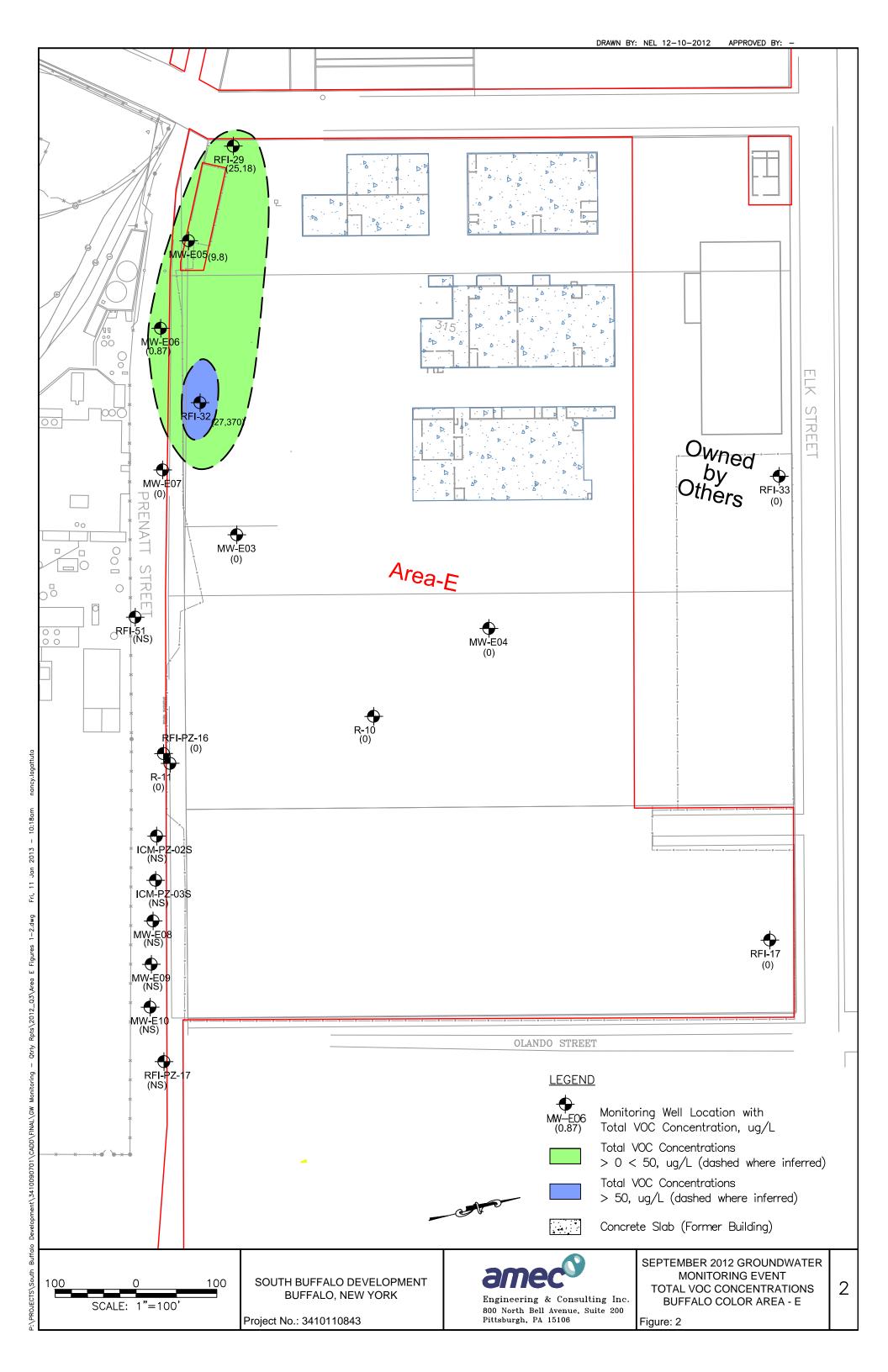
J - Laboratory Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

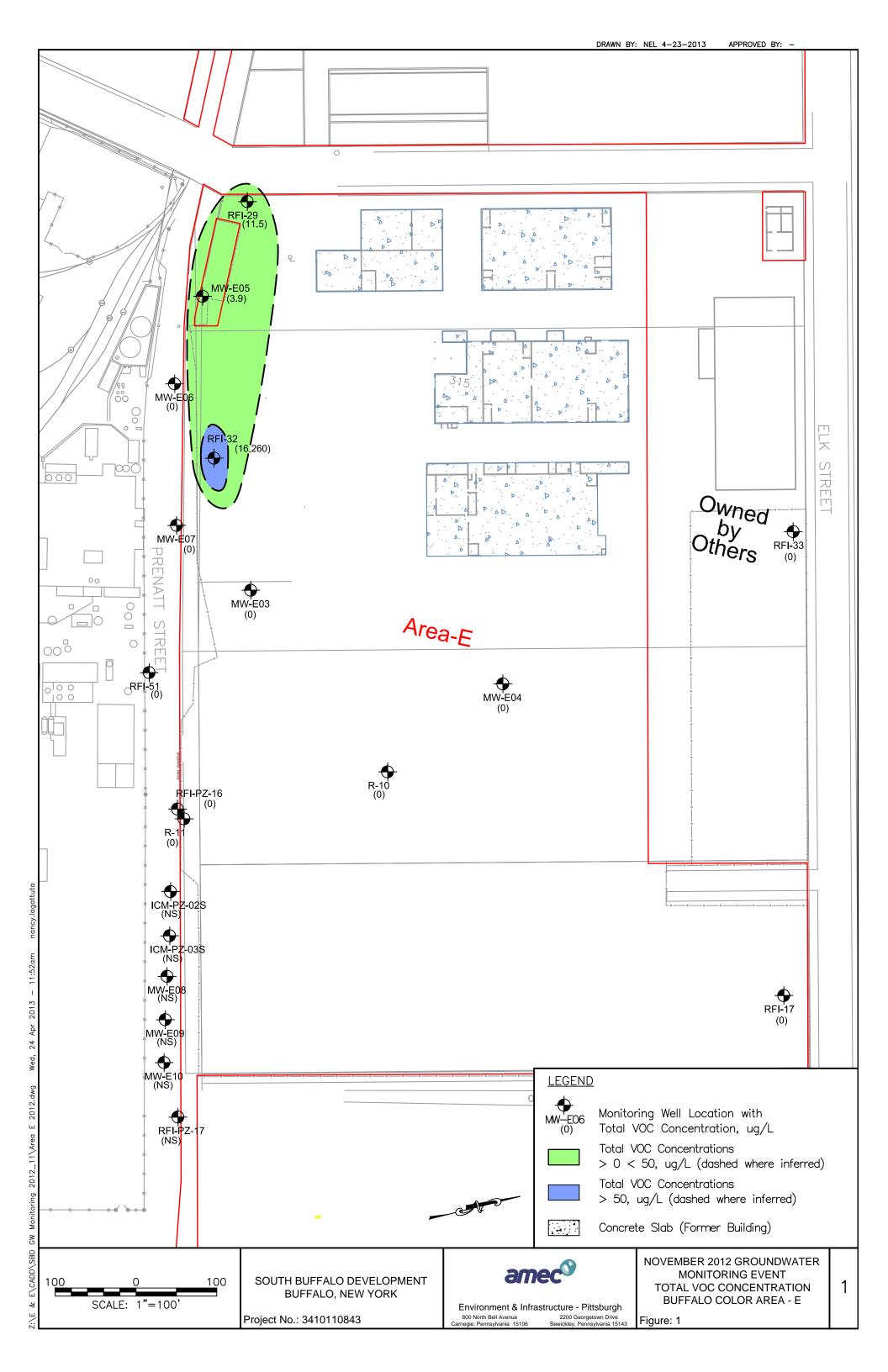
Results are shown in ug/L.

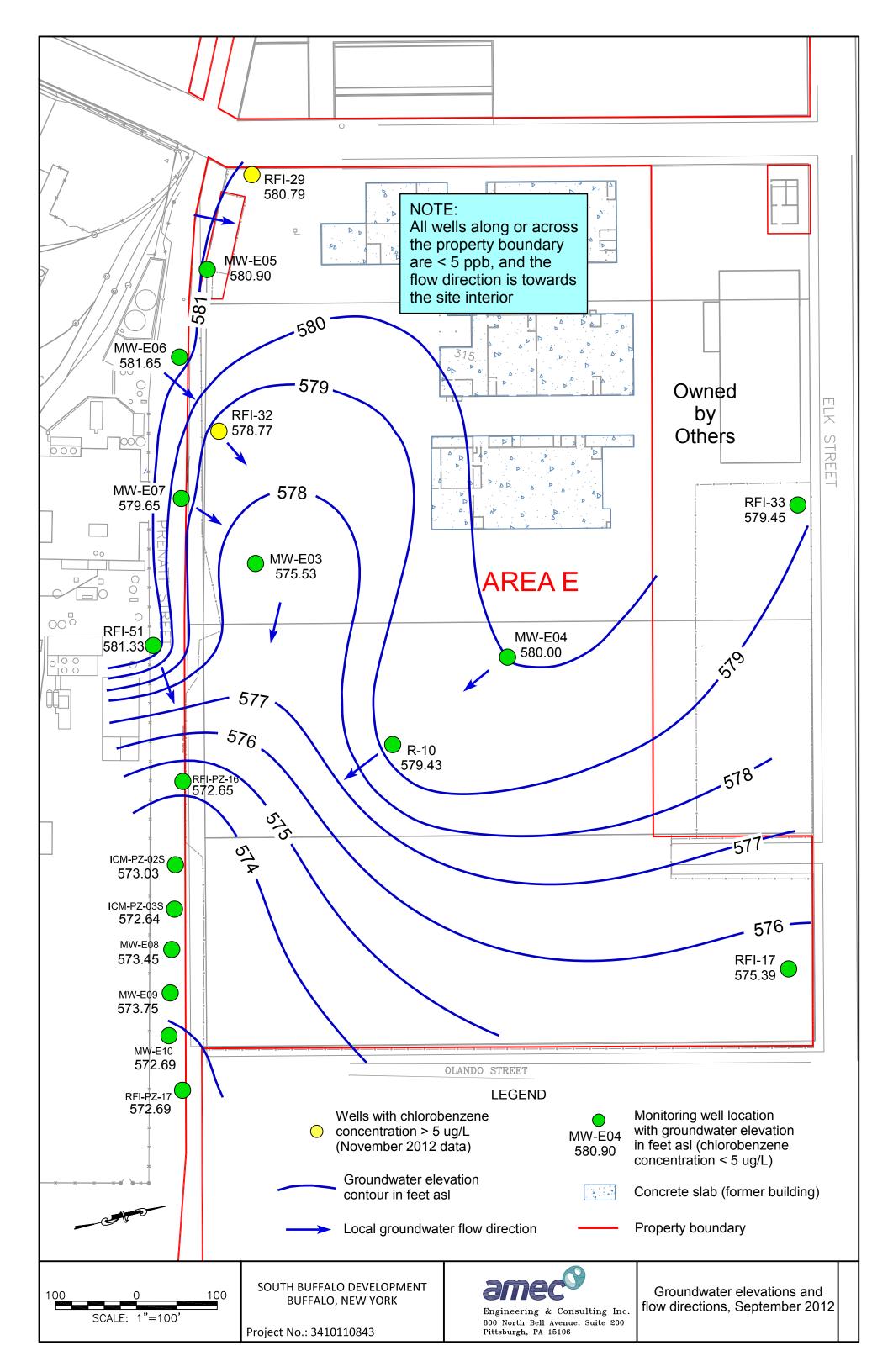
Blue cells indicate groundwater monitoring events completed prior to the applicaion of ORC-A.

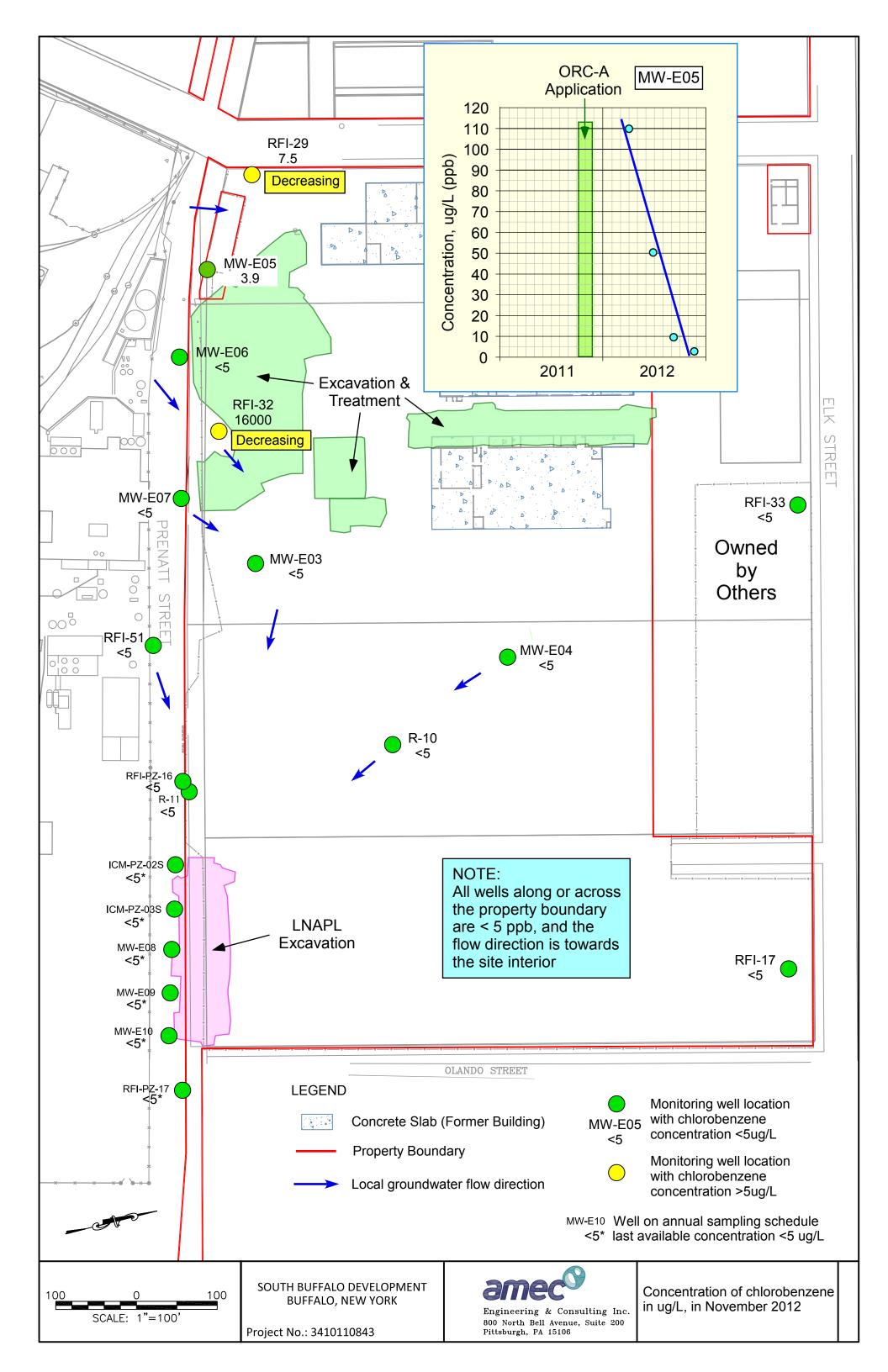












ATTACHMENT C GROUNDWATER SAMPLE LOGS

FIELD	DATA	RECORD -	GROUNI	DWATER SA	AMPLING					-	0.00
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_A	AREA.E_ICM-	-PZ-02S_031	2	no Sn	ecialty Contracting, Inc.
WELL ID		ICM-PZ-0)2S		SAMPLE EVENT		AREA.E_10	Q2012	ONTAR		IPLE DATE 3/30/2012
TIME	START	START 6:44 PM 7:35 PM JOB NUMBER				0913OM	1M	SAM	IPLER	Andrew Madden (AM)	
WATER	WATER LEVEL / PUMP SETTINGS MEASUREMENT POINT								N	APL REN	MOVAL METHOD
STATIC DEPTH					X TOP OF WELL R TOP OF PROTEC		SING			BAIL PER	.ER ISTALTIC PUMP
TO WATER 11.40 FT					OTHER	-		DEBTU		ORBENT SOCK	
D	WELL 20.0 FT				MEASUREMENT POINT ELEVATION			FASL	NON DETE	ECT (ND)) ND FI
DIAM	VELL ETER	2.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL		IN			APL VOL. EMOVED	
	REEN NGTH	10.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	YES X NO				
TOTAL		1.268	GAL		TIME OF SAMPLE COLLECTION		6:55 PM	М			
PURGE I					SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Y REDO		COMMENTS
18:58	(34.7)	12.37	200	9.69	1.262	6.83	1.28	13.90	1.1	,	Dark w/visible black suspended particle
19:03	0.264	12.40	200	9.89	1.266	6.79	1.10	11.40	0.8		
19:06 19:09	0.159 0.159	12.41 12.41	200	9.98	1.271 1.275	6.76 6.81	0.85 0.82	9.31 7.23	-1.1 -2.6		
19:13	0.139	12.41	200	10.04	1.279	6.84	0.76	4.23	-5.9		
19:16	0.159	12.40	200	10.19	1.285	6.80	0.73	4.41	-7.9		
19:19	0.159	12.43	200	10.26	1.287	6.85	0.73	4.53	-9.0		
19:22	0.159	12.45	200	10.28	1.292	6.84	0.71	4.43	-9.5		
				+							
FOLIPMI	NT DOCI	JMENTATION									
	OF PUMP			TYPE OF TUBIN	<u>G</u>	_	E OF WATER	R QUALITY N	0.00		WATER LEVEL DEVICE DTECH INTERFACE METER
	WAILER SIMCO BL				SITY POLYETHYLENE	Х	HORIBA U-	-50 W/ FLOW	_	SOL	INST WATER METER
Х	GEOPUMF	PERISTALTIC PI	JMP	OTHER			OTHER			ОТН	ER
ANALYT To Be Collect		AMETERS		MET	HOD		PRESERVA	ATION	VOLUME		SAMPLE
				NUM	<u>BER</u>		METHOD		REQUIRED		COLLECTED
DARC	X VOC			8260 CLP	В		HCL / 4 DEG. C 3 X 40 mL X VOC 4 DEG. C 2 X 1 LAG X SVOC				
STANDAR		INORGANICS INORGANICS		CLP CLP			HNO3 to pH <2 1 HNO3 to pH <2				X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			8260	В		HCL / 4 DE		X 1 LP X 40 ml	L	VOC
DUPLICATE	SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	1 <2	X 1 LAC X 1 LP	3	SVOC TAL INORGANICS
Πα	TAL	INORGANICS		CLP	_		HNO3 to ph	H <2	X 1 LP		TAL INORGANICS (FILTERED)
S W	VOC SVO			8260 CLP	В		HCL / 4 DE 4 DEG. C	.G. C	X 40 ml X 1 LAC		VOC SVOC
Σ		INORGANICS INORGANICS		CLP CLP			HNO3 to pH		X1LP		TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			8260	В		HCL / 4 DE		X 1 LP X 40 ml	L	VOC
MSD	SVOC CLP TAL INORGANICS CLP					4 DEG. C HNO3 to ph	H <2	X 1 LAC X 1 LP	3	SVOC TAL INORGANICS	
TAL INORGANICS CLP							HNO3 to ph		X 1 LP		TAL INORGANICS (FILTERED)
PURGE (BSERVA	TIONS					COMMENT	s			
PURGE W		YES X	NO	NUMBER OF GA GENERATED	ALLONS 1.268		Dark w/visit	ble black sus	pended particles		
NOTES											
All equipme		ner dedicated or deate / field blank re)							
			10	1//							
		M	M/1	rdh							
SIGNITU	RE:										

MATER LEVEL / PUMP SETTINGS	en (AM) FT GAL
NAME START S.30 PM END 6.30 PM SAMPLE EVENT AREA E_102012 SAMPLE DATE 3/6	en (AM) FT GAL
MATER LEVEL / PUMP SETTINGS	FT GAL
STATIC DEPTH 11.86 FT	GAL
STATIC DEPTH 11.86 FT	GAL
DEPTH	GAL
DIAMETER 2.0 IN CASING HEIGHT DIFFERNIAL IN REMOVED 0.06	ENTS
LENGTH	
PURGE DATA TIME VOL. DEPTH TO PURGE TEMP. CONDUCTANCE (ms/cm) (units) (mg/L) (ntlu) (RP) COMM 17:50 12:50 200 9:99 2:091 6:86 1:43 7:00 -53.8 Visibly see oil sheen 17:55 0:264 12:51 200 10:30 2:072 6:85 1:03 5:22 -40:9 18:00 0:264 12:51 200 10:45 2:058 6:85 0:83 4:05 -28:6 18:03 0:159 12:52 200 10:46 2:050 6:90 0:70 3:08 -26:7 18:13 0:317 12:52 200 10:47 2:031 6:91 0:62 3:19 -23:8 EQUIPMENT DOCUMENTATION TYPE OF PUMP WAILER SMGOD BLADDER WAILER W	
Time	
TIME (gal) WATER (ft) RATE (ml/m) (deg. C) (ms/cm) (units) (mg/L) (ntu) (ORP) COMM 17:50	
17:55	& black suspended
18:00	
18:03	
18:07	
EQUIPMENT DOCUMENTATION TYPE OF PUMP WAILER WAILER SIMCO BLADDER SIMCO BLADDER X SILICONE X SILICONE X HIGH DENSITY POLYETHYLENE OTHER TYPE OF WATER QUALITY METER X YSI 556 MPS W. FLOW CELL X GEOTECH INTERFACE M SOLINST WATER METER OTHER ANALYTICAL PARAMETERS	
TYPE OF PUMP WAILER WAILER SIMCO BLADDER X HIGH DENSITY POLYETHYLENE X GEOPUMP PERISTALTIC PUMP ANALYTICAL PARAMETERS TYPE OF WATER QUALITY METER X YSI 556 MPS W/ FLOW CELL HORIBA U-50 W/ FLOW CELL OTHER TYPE OF WATER LEVEL DEVIC X GEOTECH INTERFACE M OTHER OTHER TYPE OF WATER QUALITY METER OTHER TYPE OF WATER LEVEL DEVIC X GEOTECH INTERFACE M OTHER OTHER	
TYPE OF PUMP WAILER WAILER SIMCO BLADDER X HIGH DENSITY POLYETHYLENE X GEOPUMP PERISTALTIC PUMP ANALYTICAL PARAMETERS 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 M OTHER OTHER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER LEVEL DEVICE TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER LE	
TYPE OF PUMP WAILER WAILER SIMCO BLADDER X HIGH DENSITY POLYETHYLENE X GEOPUMP PERISTALTIC PUMP ANALYTICAL PARAMETERS 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 M OTHER OTHER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER LEVEL DEVICE TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER LE	
TYPE OF PUMP WAILER WAILER SIMCO BLADDER X HIGH DENSITY POLYETHYLENE X GEOPUMP PERISTALTIC PUMP ANALYTICAL PARAMETERS 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 M OTHER OTHER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER LEVEL DEVICE TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER LE	
TYPE OF PUMP WAILER WAILER SIMCO BLADDER X HIGH DENSITY POLYETHYLENE X GEOPUMP PERISTALTIC PUMP ANALYTICAL PARAMETERS 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 M OTHER OTHER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER LEVEL DEVICE TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER LE	
TYPE OF PUMP WAILER WAILER SIMCO BLADDER X HIGH DENSITY POLYETHYLENE X GEOPUMP PERISTALTIC PUMP ANALYTICAL PARAMETERS TYPE OF WATER QUALITY METER X YSI 556 MPS W/ FLOW CELL HORIBA U-50 W/ FLOW CELL OTHER TYPE OF WATER LEVEL DEVIC X GEOTECH INTERFACE M OTHER OTHER TYPE OF WATER QUALITY METER OTHER TYPE OF WATER LEVEL DEVIC X GEOTECH INTERFACE M OTHER OTHER	
TYPE OF PUMP WAILER WAILER SIMCO BLADDER X HIGH DENSITY POLYETHYLENE X GEOPUMP PERISTALTIC PUMP ANALYTICAL PARAMETERS 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 M OTHER OTHER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER LEVEL DEVICE TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER LE	
TYPE OF PUMP WAILER WAILER SIMCO BLADDER X HIGH DENSITY POLYETHYLENE X GEOPUMP PERISTALTIC PUMP ANALYTICAL PARAMETERS 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 M OTHER OTHER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER LEVEL DEVICE TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER QUALITY METER TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEVICE TYPE OF WATER LE	
TYPE OF PUMP WAILER WAILER SIMCO BLADDER X HIGH DENSITY POLYETHYLENE X GEOPUMP PERISTALTIC PUMP ANALYTICAL PARAMETERS TYPE OF WATER QUALITY METER X YSI 556 MPS W/ FLOW CELL HORIBA U-50 W/ FLOW CELL OTHER TYPE OF WATER LEVEL DEVIC X GEOTECH INTERFACE M OTHER OTHER TYPE OF WATER QUALITY METER OTHER TYPE OF WATER LEVEL DEVIC X GEOTECH INTERFACE M OTHER OTHER	
SIMCO BLADDER X GEOPUMP PERISTALTIC PUMP OTHER OTHER SOLINST WATER METER OTHER OTHER ANALYTICAL PARAMETERS	
ANALYTICAL PARAMETERS	
To Be Collected METHOD PRESERVATION VOLUME SAMPLE	
NUMBER METHOD REQUIRED COLLECTED	
□ 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 SVOC CLP 4 DEG. C 2 X 1 LAG X SVOC	ICS ICS (FILTERED)
	ico (i il il il il il
U	ICS
	ICS (FILTERED)
VOC 8260B HCL / 4 DEG. C X 40 mL VOC SVOC CLP 4 DEG. C X 1 LAG SVOC TAL INORCANICS CLP HNO2 to the C X 1 LAG SVOC TAL INORCANICS CLP HNO2 to the C X 1 LAG SVOC TAL INORCANICS CLP HNO2 to the C X 1 LB TAL INORCANICS TAL INORCANICS CLP TAL INORCANICS TALLING TALING TALLING TALLING TALLING TALLING TALLING TALLING	
TAL INORGANICS CEF TINOS to pri 1/2 X 1 EF TAL INORGAN	ICS ICS (FILTERED)
VOC 8260B HCL / 4 DEG. C X 40 mL VOC	ico (i il il il il il
SVOC CLP 4 DEG. C X1 LAG SVOC TAL INORGANICS CLP HNO3 to pH <2 X1 LP TAL INORGAN	ICS
TAL INORGANICS CLP HN03 to pH <2 X 1 LP TAL INORGAN	ICS (FILTERED)
PURGE OBSERVATIONS COMMENTS	
PURGE WATER NUMBER OF GALLONS CONTAINERIZED YES X NO GENERATED Can visibly see oil sheen & black suspended particles	
NOTES All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required	
and Mill	
SIGNITURE:	

E1E1 B	FIELD DATA RECORD - GROUNDWATER SAMPLING										
FIELD	DATA			NDWATER	SAMPLING				¬ (OSC	
PROJECT		Buffalo Color C			SAMPLE ID	BCC	_AREA.E_M\		Ontario Sf	PECIALTY CONTRACTING, INC.	
WELL ID		MW-E03 SAMPLE EVE		SAMPLE EVENT		AREA.E_10	Q2012	SAN	3/30/2012 MPLE DATE		
TIME	ME START 10:35 AM END 11:30 AM		30 AM	JOB NUMBER		0913OMM		SAMPLER	Tom Wagner (TW)		
WATER	LEVEL / F	PUMP SETTING	iS		MEASUREMENT POIN X TOP OF WELL F				NAPL REI BAII	MOVAL METHOD LER	
STATIC DEPTH 10.83 FT				TOP OF PROTECTIVE OTHER				PEF ABS	PERISTALTIC PUMP ABSORBENT SOCK		
WELL 13.0 FT DEPTH			MEASUREMENT POINT ELEVATION			FASL	DEPTH TO NAPI NON DETECT (ND	ND FI			
	WELL 2.0 IN			WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL		IN		NAPL VOL REMOVED	(≟ΔΙ		
	REEN NGTH	10.0	FT		LL PROTECTIVE CASING ID PROPERLY SECURED	YES	X NO				
TOTAL PUI	. VOL. RGED	0.380	GAL		TIME OF SAMPLE COLLECTION		11:20 AM				
PURGE I				•	SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/r	m) (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT` (ntu)	(ORP)	COMMENTS	
10:55	0.407	11.97	160	9.33	1.150	6.99	1.34	17.20	761.4	Cloudy, greenish, flaky. Samples taken I	
10:58 11:01	0.127 0.127	12.11 12.29	160 160	9.23 9.18	1.160 1.170	7.01 7.05	1.03 0.95	17.10 7.85	760.9 762.2		
11:04	0.127	12.53	160	9.26	1.175	7.04	0.91	7.62	761.3		
		UMENTATION									
TYPI	E OF PUMP WAILER			X SILICO		TYP X		R QUALITY M PS W/ FLOW		WATER LEVEL DEVICE DTECH INTERFACE METER	
X	SIMCO BL	ADDER PPERISTALTIC P	LIMP	X HIGH D	ENSITY POLYETHYLENE		HORIBA U- OTHER	50 W/ FLOW	CELL SOL	INST WATER METER	
	-		OWII	OTTLEN			OTTLER			ILIX	
ANALYT To Be Collect		RAMETERS			ETHOD UMBER		PRESERVA METHOD	ATION	VOLUME REQUIRED	SAMPLE COLLECTED	
4RD	X VOC			8:	260B		HCL / 4 DEG. C 3 X 40 mL X VOC				
STANDARD	X TAL	INORGANICS		С	LP LP		4 DEG. C 2 X 1 LAG X SVOC HNO3 to pH <2 1 X 1 LP X TAL INORGANIC				
	TAL VOC	INORGANICS			LP 260B		HNO3 to pl		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC	
DUPLICATE	SVO	С		С	LP		4 DEG. C		X 1 LAG	SVOC	
and a	TAL	INORGANICS INORGANICS		С	LP LP		HNO3 to ph	H <2	X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)	
	VOC SVO				260B LP		HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG	VOC SVOC	
MS	TAL	INORGANICS		С	LP		HNO3 to ph		X 1 LP	TAL INORGANICS	
	VOC	INORGANICS			LP 260B		HNO3 to pl HCL / 4 DE		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC	
MSD	SVO TAL	C INORGANICS			LP LP		4 DEG. C HNO3 to ph	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS	
		INORGANICS			LP		HNO3 to ph		X 1 LP	TAL INORGANICS (FILTERED)	
PURGE (OBSERVA	TIONS					COMMENT	S			
PURGE W		YES X	NO	NUMBER OF			Cloudy, gre	enish tint, too	k samples 11:04, run low		
NOTES		-									
All equipm		her dedicated or d		to							
arrival on s	site. No rinse	eate / field blank re	-								
		11	house C.	Magn							
SIGNITU	RE:	-									

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						020	
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_	_AREA.E_M\	W-E04_0312	Oni	TARIO SP	ecialty Contracting, Inc.	
WELL ID		MW-E0)4		SAMPLE EVENT		AREA.E_10	Q2012			3/29/2012	
TIME	START	11:00 AM 11:15 AM START END			JOB NUMBER	NUMBER 0913OMM				SAMPLER	Tom Wagner (TW)	
WATER	LEVEL / F	PUMP SETTING	s		MEASUREMENT POIN						MOVAL METHOD	
STATIC DEPTH FT TO WATER				TOP OF PROTECTIVE OTHER						BAILER PERISTALTIC PUMP X ABSORBENT SOCK		
WELL 11.5 FT		MEASUREMENT POINT ELEVATION			588.636	FASL		TH TO NAPL ETECT (ND)	FI 1			
WELL 2.0 DIAMETER		IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL				IN		NAPL VOL			
	REEN NGTH	10.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	YES NO X					
TOTAL PU	VOL. RGED		GAL	TIME OF SAMPLE COLLECTION								
PURGE I	VOL.	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP.	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)		EDOX DRP)	COMMENTS	
11:15	(gui)	WALLET (II)		(dog. o/	(11.0.011)	(dilito)	(g/ _/	(ma)		J. (1)	Broken well, stones. No Sample	
				+								
				+								
	E OF PUMP WAILER SIMCO BL		JMP	TYPE OF TUBIN X SILICONE X HIGH DEN OTHER		TYP X	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					
_	ICAL PAR	RAMETERS	JMP	ME1		<u> </u>	PRESERVA	ATION	VOLUME		SAMPLE	
To Be Collected METHOD NUMBER 8260B SVOC CLP C					0B 0B 0B		METHOD HCL / 4 DE 4 DEG. C HN03 to pl HN03 to pl	H <2 H <2 EG. C H <2 EG. C H <2 EG. C H <2 EG. C	X1 X1 X4 X1 X1 X1 X1 X4 X1 X1 X1	O mL LAG LP LP O mL LAG LP LAG LP LAG LP LAG LP LAG LP LP LAG LP	COLLECTED VOC SVOC TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS TAL INORGANICS	
PURGE	OBSERVA	TIONS				_	COMMENT	rs				
PURGE W CONTAIN		YES X	NO	NUMBER OF G GENERATED	ALLONS		Broken We	ell, stones. No	Sample			
arrival on s	site. No rinse	her dedicated or deate / field blank re	equired	Wagu	-							
SIGNITU	RE:											

FIELD	DATA	RECORD -	GROUN	IDWATER S	SAMPLING						0.00	
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_M\	W-E05_0312	ONTAG	OSC ONTARIO SPECIALTY CONTRACTING, Inc.		
WELL ID		MW-E0)5		SAMPLE EVENT		AREA.E_10	Q2012	ONTAR		3/29/2012	
TIME	START	9:10 AM	10:2 END	25 AM	JOB NUMBER			0913OMM			Tom Wagner (TW)	
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN				N	NAPL REMOVAL METHOD		
	STATIC DEPTH 5.42 FT				X TOP OF WELL F TOP OF PROTEC		SING	E	BAILER PERISTALTIC PUMP ABSORBENT SOCK			
	WELL EPTH	13.0	FT		MEASUREMENT POINT ELEVATION			586.679 FASL			ND FT	
DIAM	WELL ETER	2.0	IN		CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL				APL VOL			
	REEN NGTH	10.0	FT		L PROTECTIVE CASING PROPERLY SECURED		X NO					
TOTAL PUF	VOL. RGED	0.428	GAL		TIME OF SAMPLE COLLECTION	10:15 AM						
PURGE [DEBTH TO	DUDGE	I TEMP	SPECIFIC	l all	I DISS OF	TUDDIDIT	/ I DED	\V	1	
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/n		CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT' (ntu)	(ORF	P)	COMMENTS	
9:41	0.143	5.71 5.75	180 180	8.07 8.04	0.973 0.975	6.64 6.59	4.77 3.62	10.70 7.75	22.4		Clear, took M, MS, MSD samples	
9:47	0.143	5.78	180	8.26	0.969	6.59	2.76	6.89	30.0			
9:50	0.143	5.80	180	8.33	0.966	6.57	2.27	6.65	31.5			
9:53	0.143	5.80	180	8.35	0.965	6.58	1.93	6.41	32.8			
9:50	-0.143	5.81	180	8.35	0.962	6.55	1.89	7.11	34.7			
	ENT DOCU	JMENTATION		TYPE OF TUB	ING	TYP	E OF WATE	R QUALITY M	ETER T	YPE OF	WATER LEVEL DEVICE	
	WAILER			X SILICON	IE .	Х	YSI 556 MI	PS W/ FLOW -50 W/ FLOW	CELL	X GEC	OTECH INTERFACE METER	
X	SIMCO BL GEOPUMP	PERISTALTIC P	UMP	X HIGH DI OTHER	ENSITY POLYETHYLENE		OTHER	-50 W/ FLOW	CELL	OTH	INST WATER METER IER	
ANALYT	ICAL PAR	AMETERS		-		_						
To Be Collect	ed				ETHOD IMBER		PRESERVA METHOD	ATION	VOLUME REQUIRED		SAMPLE COLLECTED	
S _D	X VOC			82	60B		HCL / 4 DE	G. C	3 X 40 ml		X VOC	
STANDARD	X SVO	C INORGANICS		CL CL			4 DEG. C HNO3 to pl	H <2	2 X1LA0 1 X1LP	j.	X SVOC X TAL INORGANICS	
	X VOC	INORGANICS		CL 82	P 60B		HNO3 to pl HCL / 4 DE		X 1 LP 3 X 40 ml		TAL INORGANICS (FILTERED) X VOC	
DUPLICATE	X SVO			CL	P		4 DEG. C		2 X1LA0 1 X1LP		X SVOC X TAL INORGANICS	
and a	TAL	INORGANICS		CL	P		HNO3 to pl	H <2	X 1 LP		TAL INORGANICS (FILTERED)	
l l o	X VOC			82 CL	60B P		HCL / 4 DE 4 DEG. C	EG. C	3 X 40 ml 2 X 1 LAC		X VOC X SVOC	
MS	X TAL	INORGANICS		CL	P		HNO3 to pl		1 X1LP		X TAL INORGANICS TAL INORGANICS (FILTERED)	
	TAL INORGANICS CLP X VOC 8260B						HNO3 to pl HCL / 4 DE		X 1 LP 3 X 40 ml		x voc	
MSD	Q X SVOC CLP X TAL INORGANICS CLP						4 DEG. C HNO3 to pl	H <2	2 X1LA0 1 X1LP	3	X SVOC X TAL INORGANICS	
TAL INORGANICS CLP								H <2	X 1 LP		TAL INORGANICS (FILTERED)	
PURGE (DBSERVA	TIONS					COMMENT	rs				
PURGE W CONTAINE		YES X	NUMBER OF GENERATED	GALLONS 0.428		Clear						
NOTES												
		ner dedicated or d eate / field blank re		to								
			/ /	561								
		1/1	mus O	hazu	_							
SIGNITU	RE:											

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC	
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_M\	W-E06_0312	2	OSC Ontario Specialty Contracting, Inc.		
WELL ID		MW-E0	06		SAMPLE EVENT		AREA.E_10	Q2012			PLE DATE 3/29/2012	
TIME	START	11:30 AM 12:25 PM			JOB NUMBER	0913OMM				SAMPLER	Tom Wagner (TW)	
WATER	EVEL / P	UMP SETTING	s		MEASUREMENT POIN	IT				NAPL REM	MOVAL METHOD	
STATIC D	EPTH	4.92	FT		X TOP OF WELL R TOP OF PROTEG		SING			BAILER PERISTALTIC PUMP		
	TO WATER 4.92 F1				OTHER MEASUREMENT					DEPTH TO NAPL	ORBENT SOCK	
D	EPTH	13.0	FT		POINT ELEVATION			586.947 FASL		NON DETECT (ND)	ND FI	
DIAMI	VELL ETER	2.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL		IN			NAPL VOL. REMOVED	GAL	
	REEN NGTH	10.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO					
TOTAL	VOL.	1.215	GAL		TIME OF SAMPLE COLLECTION		12:15 P	PM				
PURGE D					SPECIFIC							
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI (ntu)	TY	REDOX (ORP)	COMMENTS	
11:50	(94.)	5.37	200	7.66	2.255	6.13	3.17	82.10		16.2	Cloudy, small flakes, clearing	
11:55	0.264	5.40	200	7.62	2.248	6.10	1.36	73.30		9.2		
11:59	0.211	5.40 5.46	200	7.66 7.72	2.210 2.196	6.07	1.48 1.62	58.60 52.60		8.5 9.6		
12:05	0.159	5.56	200	7.76	2.156	6.05	1.33	36.30		9.7		
12:07	0.106	5.59	200	7.77	2.150	6.03	1.20	34.80		8.6		
12:10	0.159 0.159	5.62 5.65	200	7.76 7.75	2.143 2.140	6.05	1.08	31.50 31.20		8.3		
12.10	0.100	0.00	200	7.70	2.140	0.00	1.00	01.20		0.0		
	OF PUMP	JMENTATION		TYPE OF TUBIN		TYP	E OF WATE				WATER LEVEL DEVICE	
	WAILER SIMCO BL	ADDER		X SILICONE X HIGH DEN	SITY POLYETHYLENE	Х		PS W/ FLOW -50 W/ FLOW			TECH INTERFACE METER INST WATER METER	
Х	GEOPUMP	PERISTALTIC PI	JMP	OTHER			OTHER			ОТН	ER	
ANALYT To Be Collect		AMETERS		MF1	HOD		PRESERVA	ATION		VOLUME	SAMPLE	
	X VOC			NUN	<u>IBER</u>		METHOD			REQUIRED	COLLECTED X VOC	
STANDARI	X SVO			8260 CLP			HCL / 4 DE 4 DEG. C			3 X 40 mL 2 X 1 LAG	X SVOC	
STAN		NORGANICS NORGANICS		CLP CLP			HNO3 to pH <2 1 X 1 LP X TAL INORGANICS HNO3 to pH <2 X 1 LP TAL INORGANICS (FILTER					
ATE	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG, C	G. C		X 40 mL X 1 LAG	VOC SVOC	
DUPLICATE	TAL	NORGANICS		CLP			HNO3 to pl			X 1 LP	TAL INORGANICS	
<u> </u>	VOC	NORGANICS		CLP 8260			HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC	
S S	SVO	O NORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS	
	TAL	NORGANICS		CLP			HNO3 to pl	H <2		X 1 LP	TAL INORGANICS (FILTERED)	
MSD	VOC 8260B SVOC CLP						HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	voc svoc	
TAL INORGANICS CLP TAL INORGANICS CLP							HNO3 to pl HNO3 to pl			X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)	
PURGE C	PURGE OBSERVATIONS											
	PURGE OBSERVATIONS PURGE WATER CONTAINERIZED YES X NO GENERATED 1.215											
NOTES		<u> </u>										
All equipme		ner dedicated or de ate / field blank re		to								
		10	house O.	Wagn	-							
SIGNITU	RE:											

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_M\	W-E07_0312		ONTARIO SE	ECIALTY CONTRACTING, INC.
WELL ID		MW-E0)7		SAMPLE EVENT		AREA.E_10	Q2012			IPLE DATE 3/29/2012
TIME	START	2:20 PM 3:20 PM JOB NUMBER					0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN	IT				NAPL REM	MOVAL METHOD
STATIC D	EPTH	4.45	FT		X TOP OF WELL R TOP OF PROTEC		SING			BAIL PER	ER ISTALTIC PUMP
TO W		4.45	FT		OTHER						ORBENT SOCK
D	WELL EPTH	14.0	FT	MEASUREMENT POINT ELEVATION			587.05	FASL		DEPTH TO NAPL NON DETECT (ND)	ND FI
DIAM	WELL ETER	2.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL		IN			NAPL VOL REMOVED	
	REEN NGTH	10.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	YES X NO				
TOTAL	VOL. RGED	0.925	GAL		TIME OF SAMPLE COLLECTION		3:15 PI	м			
PURGE I					SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Υ	REDOX (ORP)	COMMENTS
14:42		5.10	175	8.26	1.109	5.84	2.05	20.40		20.3	Clay color flakes
14:45	0.139	5.10	175	8.22	1.107	5.80	1.11	18.00	_	18.6	
14:50 14:53	0.231	5.11 5.15	175 175	8.24 8.23	1.094 1.089	5.78 5.77	1.31	32.60 38.60	+	11.0 8.3	
14:56	0.139	5.16	175	8.22	1.083	5.76	1.31	40.60	_	8.4	
14:59	0.139	5.19	175	8.25	1.080	5.75	1.10	43.30		8.5	
15:02	0.139	5.20	175	8.28	1.078	5.75	1.01	45.90		9.0	
									-		
									\dashv		
									_		
									\dashv		
EQUIPMI	ENT DOC	JMENTATION		<u>I</u>	l						
TYPE	OF PUMP WAILER			TYPE OF TUBIN		TYP	YSL556 ME	R QUALITY I			WATER LEVEL DEVICE DTECH INTERFACE METER
	SIMCO BL			X HIGH DEN	SITY POLYETHYLENE	_^	HORIBA U-	-50 W/ FLOV		SOL	INST WATER METER
X	•	PERISTALTIC PI	JMP	OTHER			OTHER			ОТН	ER
ANALYT To Be Collect		AMETERS		MET	HOD		PRESERVA	ATION	V	OLUME	SAMPLE
	X VOC			NUM	BER		METHOD		R	EQUIRED 3 X 40 mL	X VOC
DARI	X SVO	C		8260 CLP			HCL / 4 DE 4 DEG. C		X SVOC		
STANDAR		INORGANICS INORGANICS		CLP CLP			HNO3 to pH <2 1 X 1 LP X TAL INORGANICS HNO3 to pH <2 X 1 LP TAL INORGANICS (F				
ATE	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC
DUPLICATE	TAL	INORGANICS		CLP			HNO3 to ph			X 1 LP	TAL INORGANICS
۵	TAL VOC	INORGANICS		CLP 8260			HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
WS WS	SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	1 < 2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS		CLP			HNO3 to ph	H <2		X 1 LP	TAL INORGANICS (FILTERED)
2	VOC 8260B SVOC CLP						HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	VOC SVOC
SVOC CLP TAL INORGANICS CLP TAL INORGANICS CLP							HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (
PURGE OBSERVATIONS PURGE WATER NUMBER OF GALLONS 0.925								S lakes			
CONTAINE	RIZED	YES X	NO	GENERATED							
		ner dedicated or de eate / field blank re		0							
		110	home O.	Wague	_						
SIGNITU	RE:										
5.5.4110											

FIELD	DATA	RECORD -	GROUN	IDWATER S	AMPLING					
PROJECT		Buffalo Color Co	orporation		CAMPLEID	BCC	_AREA.E_M\	W-E08_0312		OSC
WELL ID		MW-E0	08		SAMPLE ID SAMPLE EVENT		AREA.E_10	Q2012		PECIALTY CONTRACTING, INC. 3/29/2012
TIME	START	4:12 PM 5:00 PM					0913OM	/IM	SAMPLER	Andrew Madden (AM)
		PUMP SETTING			MEASUREMENT POINT					MOVAL METHOD
STATIC D		9.40	FT		X TOP OF WELL R	ISER	SING		BAII	LER RISTALTIC PUMP
TO W	ATER WELL			OTHER					ABS DEPTH TO NAPI	SORBENT SOCK
D	EPTH WELL	13.0	FT	WELL STI	POINT ELEVATION	Ļ	585.903	FASL	NON DETECT (ND) ND FI
DIAM	ETER	2.0	IN	CASING	HEIGHT DIFFERENTIAL			IN	REMOVE	
	REEN NGTH	10.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	VOL. RGED	1.057	GAL	TIME OF SAMPLE COLLECTION			4:30 Pf	М		
PURGE I		•			SPECIFIC					
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m		CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT' (ntu)	(ORP)	COMMENTS
16:29 16:32	0.159	10.07 10.29	200	9.30 9.20	1.866 1.907	6.25 6.28	4.51 2.74	0.51 9.01	77.1 76.9	
16:35	0.159	10.29	200	9.20	1.907	6.30	2.74	9.01	76.9	
16:39	0.211	10.72	200	9.11	1.950	6.34	3.70	8.89	75.9	
16:43	0.211	10.94	200	9.11	1.974	6.36	2.88	6.49	74.6	
16:46	0.159	11.12	200	9.06	1.989	6.38	2.73	3.98	74.3	
16:49	0.159	11.36	200	9.11	2.003	6.40	2.25	3.98	74.3	
									+	
									+	
					1					
					1				+	
EQUIPM	ENT DOC	UMENTATION		I						I
	OF PUMP WAILER			TYPE OF TUBI		TYP		R QUALITY M PS W/ FLOW		WATER LEVEL DEVICE DTECH INTERFACE METER
	SIMCO BL			X HIGH DE	SITY POLYETHYLENE	Ê	HORIBA U-	-50 W/ FLOW	CELL SOL	LINST WATER METER
Х	GEOPUMF	PERISTALTIC PI	UMP	OTHER		<u> </u>	OTHER		OTH	HER
ANALYT To Be Collect		RAMETERS		ME	THOD		PRESERVA	ATION	VOLUME	SAMPLE
				NUI	MBER		METHOD		REQUIRED	COLLECTED
DARD	X VOC			826 CLF			HCL / 4 DE 4 DEG. C	G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC
STANDARD		INORGANICS		CLF			HNO3 to ph		1 X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC	INORGANICS		CLF 826			HNO3 to ph HCL / 4 DE		X 1 LP X 40 mL	VOC
DUPLICATE	SVO	C INORGANICS		CLF CLF			4 DEG. C HNO3 to ph	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS
in a	TAL	INORGANICS		CLF			HNO3 to ph	H <2	X 1 LP	TAL INORGANICS (FILTERED)
ω _ο	VOC SVO			826 CLF			HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG	VOC
MS S		INORGANICS		CLF			HNO3 to pl		X 1 LP	TAL INORGANICS
	TAL INORGANICS CL				0B		HNO3 to pl HCL / 4 DE		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
MSD	SVOC TAL INORGANICS))		4 DEG. C HNO3 to ph	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS
		INORGANICS		CLF			HNO3 to ph		X 1 LP	TAL INORGANICS (FILTERED)
PURGE (OBSERVA	TIONS					COMMENT	rs		
PURGE WATER NUMBER OF GALLONS 1.057 CONTAINERIZED YES X NO GENERATED										
NOTES	•	- [<u> </u>	3		-				
All equipm		her dedicated or de eate / field blank re		to						
			16	hall						
CIONITY	DE.	M	m/	nder	_					
SIGNITU	KE:									

FIELD	DATA	RECORD -	GROUN	DWATER SA	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_M\	W-E09_0312	ONTAR	NO SPI	OSC ECIALTY CONTRACTING, INC.
WELL ID		MW-E0)9		SAMPLE EVENT		AREA.E_10	Q2012	ONTAR		PLE DATE 3/29/2012
TIME	START	RT S104 PM 4:05 PM JOB NUMBER					0913ON	1M	SAM	PLER	Andrew Madden (AM)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT		N/	NAPL REMOVAL METHOD		
STATIC DEPTH 9.29 FT				X TOP OF WELL R TOP OF PROTEC		SING				STALTIC PUMP	
TO W.	ATER WELL			OTHER MEASUREMENT			F0F 070	DEPTH T		ORBENT SOCK	
	EPTH WELL	13.0	FT	POINT ELEVATION WELL STICKUP TO PROTECTIVE			585.979	FASL	NON DETE	CT (ND)	ND FT
DIAM	ETER	2.0	IN	CASING H	EIGHT DIFFERENTIAL			IN		MOVED	GAL
	REEN NGTH	10.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL PUF	VOL. RGED	1.796	GAL		TIME OF SAMPLE COLLECTION		3:52 PI				
PURGE I		•		•	SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Y REDO (ORP		COMMENTS
15:18	0.370	9.95	200	9.15	1.849	6.87	8.46	199.00	77.7		
15:25 15:35	0.528	10.28 10.79	200	9.10	2.011 2.018	6.17	2.61 1.75	119.00 64.30	77.8 78.7		
15:38	0.159	10.90	200	9.02	2.023	6.03	1.40	36.70	78.8		
15:43	0.264	11.11	200	9.05	2.037	6.01	1.06	21.30	79.6		
15:46 15:49	0.159 0.159	11.19 11.37	200	9.05 9.08	2.042 2.050	6.00 5.97	1.20 0.81	15.00 10.80	87.1 85.9		
15:52	0.159	11.46	200	9.06	2.057	5.96	1.10	7.38	90.5		
	ENT DOCU OF PUMP WAILER SIMCO BL	JMENTATION ADDER		TYPE OF TUBIN X SILICONE X HIGH DEN		TYP X		R QUALITY N PS W/ FLOW -50 W/ FLOW	CELL	X GEO	NATER LEVEL DEVICE TECH INTERFACE METER NST WATER METER
Х		PERISTALTIC PI	UMP	OTHER			OTHER			ОТН	
ANALYT To Be Collect		AMETERS		MET			PRESERVA	ATION	VOLUME		SAMPLE
8	X VOC			<u>NUM</u> 8260			METHOD HCL / 4 DE	:G. C	REQUIRED 3 X 40 mL		X VOC
STANDAR	X SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2	2 X1LAG 1 X1LP	3	X SVOC X TAL INORGANICS
	TAL VOC	INORGANICS		CLP 8260	В		HNO3 to pl		X 1 LP X 40 mL		TAL INORGANICS (FILTERED) VOC
DUPLICATE	SVO			CLP CLP			4 DEG. C HNO3 to ph		X 1 LAG X 1 LP		SVOC TAL INORGANICS
and a	TAL	INORGANICS		CLP			HNO3 to ph	H <2	X 1 LP		TAL INORGANICS (FILTERED)
WS WS	VOC SVO			8260 CLP	В		HCL / 4 DE 4 DEG. C	:G. C	X 40 mL X 1 LAG		VOC SVOC
Σ		INORGANICS INORGANICS		CLP CLP			HNO3 to ph		X1LP X1LP		TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			8260	В		HCL / 4 DE		X 40 mL		voc
MSE	SVOC CLP TAL INORGANICS CLP						4 DEG. C HNO3 to pl		X 1 LAG X 1 LP	•	SVOC TAL INORGANICS
TAL INORGANICS CLP								H <2	X 1 LP		TAL INORGANICS (FILTERED)
PURGE W			NUMBER OF GA	ALLONS 1.796		COMMENT	-S				
CONTAINE	-INIZEU	YES X	140 <u> </u>	GENERATED		\mathbf{H}					
		ner dedicated or deate / field blank re		0							
		de	who To	hall	-						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUN	IDWATER :	SAMPLING							
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_M	W-E10_0312			OSC	
WELL ID		MW-E1	0		SAMPLE EVENT		AREA.E_10	Q2012			CIALTY CONTRACTING, INC. 3/30/2012	
TIME	START	12:10 PM	2:0 END	0 PM	JOB NUMBER		0913ON	им	SAM	IPLER	Andrew Madden (AM)	
WATER LEVEL / PUMP SETTINGS MEASUREMENT POIL										APL REM	OVAL METHOD	
	STATIC DEPTH 11.47 FT				X TOP OF WELL F TOP OF PROTE		SING			BAILER PERISTALTIC PUMP ABSORBENT SOCK		
	WELL EPTH	13.5	FT	MEASUREMENT POINT ELEVATION			586.34	DEPTH T NON DETE		ND FT		
	WELL ETER	2.0	IN	WELL STICKUP TO PROTECTIVE					APL VOL.	GAL		
	REEN NGTH	9.9	FT		L PROTECTIVE CASING D PROPERLY SECURED	OTECTIVE CASING						
TOTAL			GAL		TIME OF SAMPLE COLLECTION		1:15 P	М				
PURGE I	VOL.	DEPTH TO WATER (ft)	PURGE RATE (ml/n	TEMP.	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	TY REDO		COMMENTS	
12:50	(gui)	WATER (it)	TOTTE (IIII)	(deg. 0)	(ma/cm)	(unito)	(mg/L)	(iitu)	(Orti		Sampled directly without records, very tu	
EQUIPM	ENT DOC	UMENTATION			1	l						
	OF PUMP WAILER SIMCO BL		JMP	X SILICON X HIGH DI OTHER		X	YSI 556 MI	R QUALITY N PS W/ FLOW -50 W/ FLOW	CELL	X GEOT	/ATER LEVEL DEVICE TECH INTERFACE METER NST WATER METER IR	
ANALYT	4					-	-					
ANALYTICAL PARAMETERS To Be Collected				NU 82 C1	METHOD NUMBER 8260B CLP CLP CLP 8260B CLP CLP CLP CLP CLP CLP CLP 8260B CLP CLP 8260B CLP			PRESERVATION METHOD HCL / 4 DEG. C 4 DEG. C HN03 to pH <2 HN03 to pH <2 HCL / 4 DEG. C 4 DEG. C HN03 to pH <2 HN03 to pH <2			SAMPLE COLLECTED X VOC X SVOC X TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS TAL INORGANICS TAL INORGANICS	
PURGE (OBSERVA	TIONS					COMMENT	rs				
PURGE W CONTAINE		YES X	NO	NUMBER OF GENERATED	GALLONS		Very turbid	, purged, finis	shed next day			
		her dedicated or de eate / field blank re	equired									
SIGNITU	SIGNITURE:											

FIELD	DATA	RECORD -	GROUNI	OWATER S	AMPLING						OCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	ВС	C_AREA.E_F	R-10_0312		ONTABIO SE	PECIALTY CONTRACTING, INC.
WELL ID		R-10			SAMPLE EVENT		AREA.E_10	Q2012			3/30/2012 3/30/2012
TIME	START	2:40 PM	3:55 END	PM	JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN	Т				NAPL REI	MOVAL METHOD
STATIC D	EPTH	6.42	FT		X TOP OF WELL R TOP OF PROTEC		SING			BAII PER	LER RISTALTIC PUMP
TO W	ATER WELL	0.42			OTHER MEASUREMENT	-				ABS DEPTH TO NAPL	SORBENT SOCK
D	EPTH	18.0	FT		POINT ELEVATION	<u> </u>	588.784	FASL		NON DETECT (ND) ND FI
DIAM	WELL ETER	3.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL			IN		NAPL VOL REMOVED	
	REEN NGTH	Unknown	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL	VOL. RGED	1.585	GAL		TIME OF SAMPLE COLLECTION		3:55 PI	М			
PURGE I					SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI [*] (ntu)	ΓY	REDOX (ORP)	COMMENTS
15:24	(3-7	8.71	200	9.65	0.939	8.50	2.47	59.40		67.4	
15:28	0.211	7.89	0.951	8.53	2.93	65.00	_	67.7			
15:31 15:34	0.159 0.159	8.04 8.10	0.957 0.962	8.53 8.54	2.65 2.64	51.90 48.40	-	67.3			
15:41	0.370	8.25	9.62 9.64	0.971	8.54	3.24	46.60		65.3		
15:44	0.159	8.32	200	9.87	0.970	8.53	3.52	44.80		65.7	
15:47	0.159	8.41	200	10.01	0.973	8.51	3.33	45.20		65.2	
15:51 15:54	0.211 0.159	8.47 8.52	200	10.01 9.98	0.978 0.983	8.47 8.45	3.22 3.10	49.90 48.10	-	62.2	
13.54	0.100	0.32	200	9.90	0.303	0.43	3.10	40.10	- 	00.3	
									_		
									-		
EQUIPMI	ENT DOC	JMENTATION		ı							
TYPE	OF PUMP WAILER			TYPE OF TUBIN		TYP X	E OF WATE	R QUALITY I			WATER LEVEL DEVICE DTECH INTERFACE METER
	SIMCO BL			X HIGH DEN	SITY POLYETHYLENE	Ê	HORIBA U-	-50 W/ FLOV		L SOL	INST WATER METER
Х	•	PERISTALTIC PI	JMP	OTHER			OTHER			OTH	HER
ANALYT To Be Collect		AMETERS		MET	HOD		PRESERVA	ATION	\	/OLUME	SAMPLE
	X VOC			NUM			METHOD			REQUIRED	X VOC
DARI	X SVO	C		8260 CLP	ь		HCL / 4 DE 4 DEG. C			3 X 40 mL 2 X 1 LAG	X SVOC
STANDAR		INORGANICS INORGANICS		CLP CLP			HNO3 to pl			1 X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			8260	В		HCL / 4 DE			X 40 mL	voc
DUPLICATE	SVO TAL	U INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
na	TAL VOC	INORGANICS		CLP 8260	D		HNO3 to ph			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S	SVO	С		CLP	ь		4 DEG. C			X 1 LAG	SVOC
		INORGANICS INORGANICS		CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			8260	В		HCL / 4 DE			X 40 mL	VOC
MSD	SVO TAL	U INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS		CLP			HNO3 to ph	H <2		X 1 LP	TAL INORGANICS (FILTERED)
PURGE (DBSERVA	TIONS					COMMENT	S			
PURGE W		YES X	NO	NUMBER OF GA	ALLONS 1.585						
NOTES			<u> </u>			_					
All equipme		ner dedicated or de eate / field blank re									
		11	house OS	Wagu	_						
SIGNITU	RF·										
SIGNITO	· \										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	ВС	C_AREA.E_I	R-11_0312	ONTABI	o Spr	OSC ECIALTY CONTRACTING, INC.
WELL ID		R-11			SAMPLE EVENT		AREA.E_10	Q2012	ONTARI		2/30/2012 3/30/2012
TIME	START	3:20 PM	4:20 END	PM	JOB NUMBER		0913ON	1M	SAMF	PLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT			NA	PL REM	IOVAL METHOD
STATIC D		5.78	FT		X TOP OF WELL R TOP OF PROTEC		SING				STALTIC PUMP
,	WELL	17.3	FT		MEASUREMENT		586.356	FASL	DEPTH TO	O NAPL	ORBENT SOCK ND FT
,	EPTH WELL	3.0	IN		POINT ELEVATION KUP TO PROTECTIVE			IN		PL VOL.	GAL
	REEN	Unknown	FT	WELL	PROTECTIVE CASING				REI	MOVED	
TOTAL		0.523	GAL	INTACT AND	PROPERLY SECURED TIME OF SAMPLE	YES	4:20 PI	м			
	RGED	0.020	G/ LE		COLLECTION		4.2011	VI			
PURGE I	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Y REDOX	(COMMENTS
16:07		9.45	180	8.93 8.81	0.703	7.86	1.52	71.30	-29.7		Dirty, cloudy, greenish tint
16:10 16:13	0.143 0.143	9.63 9.79	180 180	0.704 0.704	7.87 7.85	0.71 0.59	76.10 72.30	-23.1 13.0			
16:15	0.095	9.93	180	8.69 8.66	0.704	7.84	0.55	68.70	-13.1		
16:18	0.143	10.20	180	8.66	0.705	7.84	0.52	60.80	-11.4		
	OF PUMP WAILER SIMCO BL	JMENTATION ADDER PERISTALTIC PI	JMP	TYPE OF TUBIN X SILICONE X HIGH DEN OTHER		X	YSI 556 MF	R QUALITY M PS W/ FLOW -50 W/ FLOW	CELL X	GEO	NATER LEVEL DEVICE TECH INTERFACE METER NST WATER METER ER
	•	AMETERS							<u> </u>		
MSD MS DUPLICATE STANDARD OF S	X VOC X SVOO X TAL X TAL VOC SVOO TAL TAL VOC SVOO TAL TAL VOC SVOO TAL	C INORGANICS INORGANICS C INORGANICS C INORGANICS C INORGANICS INORGANICS INORGANICS INORGANICS C INORGANICS C INORGANICS INORGANICS)B)B		PRESERV/ METHOD HCL / 4 DEG. C HNO3 to pi HNO3 to pi HCL / 4 DE HNO3 to pi HNO3 to pi	G. C 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2 1 < 2	VOLUME REQUIRED 3 X 40 mL 2 X1 LAG 1 X1 LP 1 X1 LP X 40 mL X1 LAG X1 LP X40 mL X1 LAG X1 LP X40 mL X1 LAG X1 LP X40 mL X1 LAG X1 LP X1 LP X40 mL X1 LAG X1 LP X1 LAG X1 LP X1 LAG		SAMPLE COLLECTED X VOC X SVOC X TAL INORGANICS X TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED) TAL INORGANICS TAL INORGANICS (FILTERED)
				NUMBER OF C	ALLONS				nt.		
PURGE W		YES X	NO	NUMBER OF GA	0.523		ыпу, сющ	ly, greenish tii	п		
		ner dedicated or de eate / field blank re	equired								
		10	rue O	Wagn	-						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					222
PROJECT		Buffalo Color C	orporation		SAMPLE ID	ВСС	_AREA.E_R	FI-17_0312		PECIALTY CONTRACTING. INC.
WELL ID		RFI-1	7		SAMPLE EVENT		AREA.E_10	Q2012		MPLE DATE 3/30/2012
TIME	START	11:55 AM	12:50 END	0 PM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	UMP SETTING	s		MEASUREMENT POIN				NAPL RE	EMOVAL METHOD
STATIC D		6.82	FT		X TOP OF WELL R TOP OF PROTEC		SING		PE	ILER RISTALTIC PUMP SORBENT SOCK
	WELL	12.0	FT		MEASUREMENT POINT ELEVATION		585.815	FASL	DEPTH TO NAF	I ND FI
	WELL ETER	2.0	IN		CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL			IN	NAPL VO REMOVE	(÷Δ)
	REEN NGTH	5.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	. VOL. RGED	0.693	GAL		TIME OF SAMPLE COLLECTION		12:38 P	M		
PURGE I		_			SPECIFIC		_			
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m		CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	(ORP)	COMMENTS
12:13 12:16	0.139	8.49 8.69	175 175	9.86 9.71	0.938	6.91 6.91	2.90 2.46	0.93 1.06	3.0 2.1	Clear
12:19	0.139	9.02	175	9.65	0.939	6.91	2.13	0.40	1.5	
12:22	0.139	9.15	175	9.53	0.942	6.88	2.11	0.99	0.3	
12:25	0.139	9.27	175	9.69	0.940	6.92	2.06	1.09	0.4	
12:28	0.139	9.39	175	9.77	0.940	6.92	2.03	1.13	0.6	
					1				+	
				_						
	ENT DOCI E OF PUMP WAILER SIMCO BL			TYPE OF TUBI X SILICONI X HIGH DE		TYP X	YSI 556 MF	R QUALITY M PS W/ FLOW -50 W/ FLOW	CELL X GE	F WATER LEVEL DEVICE OTECH INTERFACE METER OLINST WATER METER
Х	-	PERISTALTIC P	UMP	OTHER			OTHER			HER
	ICAL PAR	RAMETERS		ME	THOD MBER	<u> </u>	PRESERVA METHOD	ATION	VOLUME REQUIRED	SAMPLE COLLECTED
8	X VOC			826	0B		HCL / 4 DE	G. C	3 X 40 mL	X VOC
STANDARD	X SVO	C INORGANICS		CLF CLF			4 DEG. C HNO3 to ph	H <2	2 X1LAG 1 X1LP	X SVOC X TAL INORGANICS
	TAL VOC	INORGANICS		CLF 826			HNO3 to ph	H <2	X 1 LP	TAL INORGANICS (FILTERED) VOC
DUPLICATE	SVO	С		CLF			4 DEG. C		X 40 mL X 1 LAG	SVOC
DUPL		INORGANICS INORGANICS		CLF CLF			HNO3 to pl		X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC SVO			826 CLF	0B		HCL / 4 DE 4 DEG. C		X 40 mL X 1 LAG	voc svoc
MS	TAL	INORGANICS		CLF			HNO3 to ph	H <2	X1LAG X1LP	TAL INORGANICS
I -	TAL VOC	INORGANICS		CLF 826			HNO3 to pl		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
USD (ISD	SVOC CLP TAL INORGANICS CLP								X 1 LAG	SVOC TAL INORGANICS
		INORGANICS		CLF			HNO3 to pl		X 1 LP X 1 LP	TAL INORGANICS (FILTERED)
PURGE (OBSERVA	TIONS					COMMENT	-S		
PURGE W		YES X	NO	NUMBER OF G	ALLONS 0.693		Clear			
NOTES All equipm	ent used eit	her dedicated or d		0						
		eate / field blank re	equired							
		11	rue O.	Wagn	-					
SIGNITU	RE:									

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					
PROJECT		Buffalo Color C	orporation		SAMPLE ID	ВСС	_AREA.E_R	FI-29_0312	7	PECIALTY CONTRACTING. INC.
WELL ID		RFI-29	9		SAMPLE EVENT		AREA.E_10	Q2012		MPLE DATE 3/30/2012
TIME	START	7:45 AM	8:25 END	5 AM	JOB NUMBER		0913OM	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN	IT			NAPL REI	MOVAL METHOD
STATIC D		5.70	FT		X TOP OF WELL R TOP OF PROTEC		SING			LER RISTALTIC PUMP SORBENT SOCK
	WELL	14.0	FT		MEASUREMENT POINT ELEVATION		585.691	FASL	DEPTH TO NAPI NON DETECT (ND	ND FI
DIAM	WELL ETER	2.0	IN		KUP TO PROTECTIVE BEIGHT DIFFERENTIAL			IN	NAPL VOL REMOVED	
	REEN NGTH	5.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	VOL. RGED	0.761	GAL		TIME OF SAMPLE COLLECTION		8:20 AM	М		
PURGE I					SPECIFIC		1 1		. 1	1
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m		CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	(ORP)	COMMENTS
8:05 8:08	0.143	6.41 6.40	180 180	7.38 7.83	2.266 2.151	7.08	1.82 1.12	1.71	-13.7 -15.0	Clear
8:12	0.190	6.42	180	8.03	2.010	7.47	0.90	0.49	-17.4	
8:15	0.143	6.46	180	8.23	1.876	7.55	0.70	1.32	-18.9	
8:18	0.143	6.48	180	8.28	1.797	7.59	0.62	1.29	28.4	
8:21	0.143	6.47	180	8.34	1.723	7.62	0.58	1.25	-36.7	
	ENT DOCU E OF PUMP WAILER SIMCO BL			TYPE OF TUBIN X SILICONE X HIGH DEN		TYP X	YSI 556 MF	R QUALITY MI PS W/ FLOW 0 -50 W/ FLOW	CELL X GEO	WATER LEVEL DEVICE DTECH INTERFACE METER LINST WATER METER
Х	GEOPUMF	PERISTALTIC PI	UMP	OTHER			OTHER		ОТН	HER
ANALYT To Be Collect		AMETERS			THOD IBER	<u> </u>	PRESERVA METHOD	ATION	VOLUME REQUIRED	SAMPLE COLLECTED
ARD	X VOC			8260)B		HCL / 4 DE	G. C	3 X 40 mL	X VOC
STANDARD	X SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	H <2	2 X1LAG 1 X1LP	X SVOC X TAL INORGANICS
	TAL VOC	INORGANICS		CLP 8260			HNO3 to ph HCL / 4 DE		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
DUPLICATE	SVO	С		CLP			4 DEG. C		X 1 LAG	svoc
DUP		INORGANICS INORGANICS		CLP CLP			HNO3 to ph		X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	:G. C	X 40 mL X 1 LAG	VOC SVOC
MS S	TAL	INORGANICS		CLP			HNO3 to ph		X 1 LP	TAL INORGANICS
	VOC			CLP 8260)B		HNO3 to pH HCL / 4 DE		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
MSD	SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS
		INORGANICS		CLP			HNO3 to ph		X 1 LP	TAL INORGANICS (FILTERED)
PURGE (OBSERVA	TIONS					COMMENT	s		
PURGE W		YES X	NO	NUMBER OF G	ALLONS 0.761		Clear			
		her dedicated or deate / field blank re		to						
			•	Wagn	_					
SIGNITU	RE:									

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					
PROJECT		Buffalo Color C	orporation		SAMPLE ID	ВСС	_AREA.E_R	FI-32_0312	7	PECIALTY CONTRACTING. INC.
WELL ID		RFI-3	2		SAMPLE EVENT		AREA.E_10	Q2012	\exists	MPLE DATE 3/30/2012
TIME	START	9:00 AM	9:55 END	AM	JOB NUMBER		0913OM	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	PUMP SETTING	s		MEASUREMENT POIN					MOVAL METHOD
STATIC D		5.74	FT		X TOP OF WELL R TOP OF PROTEC		SING		PEF	LER RISTALTIC PUMP SORBENT SOCK
	WELL EPTH	13.0	FT		MEASUREMENT POINT ELEVATION		586.621	FASL	DEPTH TO NAP NON DETECT (ND	I ND FI
	WELL ETER	2.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL			IN	NAPL VOI REMOVE	
	REEN NGTH	5.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	. VOL. RGED	0.452	GAL		TIME OF SAMPLE COLLECTION		9:45 AI	М		
PURGE		•			SPECIFIC				. 1	
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m		CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	(ORP)	COMMENTS
9:20 9:24	0.201	10.09 10.61	190 190	9.17 9.15	2.052 2.057	6.63	0.64 0.69	1.44	-14.6 -14.4	Clear
9:27	0.151	10.62	190	9.20	2.058	6.65	0.79	2.22	-14.3	
9:29	0.100	10.63	190	9.32	2.063	6.66	0.75	2.03	-14.3	
	E OF PUMP WAILER SIMCO BL		UMP	TYPE OF TUBII X SILICONE X HIGH DEI OTHER		TYP X	YSI 556 MF	R QUALITY M PS W/ FLOW -50 W/ FLOW	CELL X GE	WATER LEVEL DEVICE OTECH INTERFACE METER LINST WATER METER HER
ANAL YT	ICAL PAR	RAMETERS				-				
O Be Colec STANDARD DUPLICATE STANDARD	X	C INORGANICS INORGANICS C INORGANICS INORGANICS C INORGANICS)B)B		PRESERV/ METHOD HCL / 4 DE 4 DEG. C HNO3 to ph HNO3 to ph HCL / 4 DE 4 DEG. C HNO3 to ph HNO3 to ph	G. C H < 2 H < 2 G. C H < 2 H < 3 H <	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 1 LP X 40 mL X 1 LP X 40 mL X 1 LAG X 1 LP X 40 mL X 1 LAG X 1 LP X 40 mL X 1 LP X 1 LP	SAMPLE COLLECTED X VOC X SVOC X TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS TAL INORGANICS
PURGE	OBSERVA	TIONS				.	COMMENT	S		
PURGE W CONTAIN		YES X	NO	NUMBER OF G GENERATED	ALLONS 0.452	Щ	Clear			
		her dedicated or deate / field blank re	equired							
		11	rue O.	Wagu	-					
SIGNITU	RE:									

FIELD	DATA	RECORD -	GROUN	IDWATER S	AMPLING					
PROJECT		Buffalo Color C	orporation		SAMPLE ID	всо	_AREA.E_R	FI-33_0312	7 8	OSC
WELL ID		RFI-33	3		SAMPLE EVENT		AREA.E_10	Q2012		PECIALTY CONTRACTING, INC. MPLE DATE 3/30/2012
TIME	START	2:05 PM	3:1 END	5 PM	JOB NUMBER		0913OM	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	UMP SETTING	s	<u></u>	MEASUREMENT POIN	IT			NAPL RE	MOVAL METHOD
STATIC D		1.39	FT		X TOP OF WELL F TOP OF PROTEC		SING		PEF	LER RISTALTIC PUMP SORBENT SOCK
	WELL	12.0	FT		MEASUREMENT POINT ELEVATION		583.17	FASL	DEPTH TO NAP NON DETECT (ND	NI) FI
DIAM	WELL ETER	2.0	IN		CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL			IN	NAPL VOL REMOVE	(÷Δ)
	REEN NGTH	5.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	. VOL. RGED	0.977	GAL		TIME OF SAMPLE COLLECTION		3:15 PM	М		
PURGE I					SPECIFIC					
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/n		CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	(ORP)	COMMENTS
14:35 14:38	0.147	5.16 5.33	185 185	10.68	0.686	7.24 7.26	5.84 5.86	17.30 14.50	-16.4 -14.8	
14:41	0.147	5.60	185	9.96	0.876	7.19	5.31	14.50	11.7	
14:43	0.098	5.75	185	1.06	1.057	7.12	4.71	7.79	-9.3	
14:46	0.147	5.93	185	9.93	1.276	7.08	3.29	6.70	-8.3	
14:49	0.147	6.04	185	9.99	1.411	7.05	2.74	5.61	-7.8	
14:52 14:55	0.147 0.147	6.23 6.36	185 185	9.94 9.85	1.546 1.678	7.03 7.01	2.28	4.22 3.37	-7.0 -7.1	
14.55	0.147	0.30	100	9.00	1.076	7.01	2.03	3.37	-7.1	
EQUIPM	ENT DOC	UMENTATION							L	1
TYPI	E OF PUMP WAILER			TYPE OF TUB		TYP		R QUALITY M PS W/ FLOW		WATER LEVEL DEVICE
	SIMCO BL	ADDER			NSITY POLYETHYLENE			-50 W/ FLOW		OTECH INTERFACE METER LINST WATER METER
Х	GEOPUMF	PERISTALTIC PI	UMP	OTHER			OTHER		ОТН	HER
		AMETERS								
To Be Collec	ted				THOD MBER		PRESERVA METHOD	ATION	VOLUME REQUIRED	SAMPLE COLLECTED
JRD	X VOC			826			HCL / 4 DE	G. C	3 X 40 mL	X VOC
STANDARD	X SVO	INORGANICS		CL CL			4 DEG. C HNO3 to ph	H <2	2 X1LAG 1 X1LP	X SVOC X TAL INORGANICS
	TAL VOC	INORGANICS		CL			HNO3 to pH HCL / 4 DE		X 1 LP	TAL INORGANICS (FILTERED) VOC
DUPLICATE	svo			826 CL			4 DEG. C	.G. C	X 40 mL X 1 LAG	svoc
J. J.		INORGANICS		CL CL			HNO3 to ph		X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
l	VOC	INORGANICS		826			HNO3 to ph HCL / 4 DE		X 1 LP X 40 mL	VOC
Σ S	SVO	C INORGANICS		CL CL			4 DEG. C HNO3 to ph	١~٥	X 1 LAG X 1 LP	SVOC TAL INORGANICS
		INORGANICS		CL			HNO3 to ph		X1LP	TAL INORGANICS (FILTERED)
	VOC SVO			826 CL			HCL / 4 DE 4 DEG. C	:G. C	X 40 mL X 1 LAG	VOC SVOC
MSD	TAL	INORGANICS		CL	•		HNO3 to ph		X 1 LP	TAL INORGANICS
	TAL	INORGANICS		CL	•		HNO3 to ph	H <2	X 1 LP	TAL INORGANICS (FILTERED)
PURGE (OBSERVA	TIONS					COMMENT	S		
PURGE W		YES X	NO	NUMBER OF O	GALLONS 0.977		Cloudy, Fla	ikes		
NOTES										
		her dedicated or de eate / field blank re		to						
		11	house O.	Magu						
SIGNITU	DE.			fu						
SIGNITU	IXE									

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						Occ
PROJECT		Buffalo Color Co	orporation		SAMPLE ID	ВСС	_AREA.E_R	FI-51_0312		ONTABIO SE	DECIALTY CONTRACTING, INC.
WELL ID		RFI-51	l		SAMPLE EVENT		AREA.E_10	Q2012			3/29/2012 3/29/2012
TIME	START	4:45 PM	6:10 END	PM	JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER I	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	Т				NAPL REM	MOVAL METHOD
STATIC DI		4.98	FT		X TOP OF WELL R TOP OF PROTEC		SING				STALTIC PUMP
	VELL	14.0	FT		OTHER MEASUREMENT		586.956	FASL		DEPTH TO NAPL	ND FI
	EPTH VELL			WELL STIC	POINT ELEVATION KUP TO PROTECTIVE				N	ION DETECT (ND) NAPL VOL)
DIAME	ETER REEN	2.0	IN		EIGHT DIFFERENTIAL PROTECTIVE CASING			IN		REMOVED	GAL
LEN	NGTH	5.0	FT		PROPERLY SECURED	YES	X NO				
TOTAL PUR	VOL. RGED	1.902	GAL		TIME OF SAMPLE COLLECTION		5:55 Pf	М			
PURGE D	VOL.	DEPTH TO	PURGE	TEMP.	SPECIFIC CONDUCTANCE	рН	DISS O2.	TURBIDIT	Y	REDOX	1
17:12	(gal)	7.40	RATE (ml/m 225) (deg. C) 8.24	(ms/cm) 2.543	(units) 6.94	(mg/L) 0.85	(ntu) 63.80		(ORP) -43.7	COMMENTS Dirty start, clearing up
17:34	1.308	7.43	2.553	7.05	0.55	51.20		-46.2			
17:37	0.178	7.52	225	8.29	2.552	7.05	0.55	42.30		-48.5	
17:39 17:41	0.119 0.119	7.58 7.66	225 225	8.26 8.30	2.554 2.552	7.05 7.06	0.52 0.57	40.80 40.90		-48.6 -48.1	
17:44	0.119	7.75	225	8.29	2.552	7.06	0.54	37.50	-	-48.6	
-									_		
									_		
EQUIPME.	NT DOOL	IMENITATION									
	OF PUMP	JMENTATION		TYPE OF TUBIN		TYP		R QUALITY N			WATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X SILICONE X HIGH DEN	SITY POLYETHYLENE	X		PS W/ FLOW -50 W/ FLOW			OTECH INTERFACE METER INST WATER METER
Х		PERISTALTIC PL	JMP	OTHER			OTHER			ОТН	IER
ANALYTI		AMETERS						.=			
				MET <u>NUM</u>			PRESERVA METHOD	ATION		LUME QUIRED	SAMPLE COLLECTED
JARD	X VOC	3		8260 CLP			HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	X VOC X SVOC
STANDAR	X TAL I	NORGANICS NORGANICS		CLP CLP			HNO3 to ph			X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC	NORGANICS		8260			HNO3 to ph			X 40 mL	VOC
DUPLICATE	SVOC TAL I	O NORGANICS		CLP CLP			4 DEG. C HNO3 to ph	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
na		NORGANICS		CLP 8260			HNO3 to pH HCL / 4 DE	H <2		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S S	SVO			CLP			4 DEG. C			X 1 LAG	SVOC
		NORGANICS NORGANICS		CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC SVOC	_		8260 CLP			HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC
MSD	TAL I	NORGANICS		CLP			HNO3 to ph			X 1 LP	TAL INORGANICS
		NORGANICS		CLP			HNO3 to ph			X 1 LP	TAL INORGANICS (FILTERED)
PURGE O		TIONS		NUMBER OF C	NI LONG		COMMENT Dirty start,				
PURGE WA		YES X	NO	NUMBER OF GA GENERATED	1.902		Dirty Start,	o.ouuy			
		ner dedicated or de ate / field blank re		0							
				Wagu	-						
SIGNITU	RE: _										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					020
PROJECT		Buffalo Color Co	orporation		SAMPLE ID	BCC_	AREA.E_RFI	I-PZ-16_0312	0	SPECIALTY CONTRACTING, INC.
WELL ID		RFI-PZ-	16		SAMPLE EVENT		AREA.E_10	Q2012		SAMPLE DATE 3/29/2012
TIME	START	3:40 PM	4:40 END) PM	JOB NUMBER		0913OM	1M	SAMPLE	Tom Wagner (TW)
		UMP SETTING			MEASUREMENT POIN	Т			NAPL	REMOVAL METHOD
STATIC D		5.99	FT		X TOP OF WELL R TOP OF PROTEC		SING			BAILER PERISTALTIC PUMP ABSORBENT SOCK
	WELL	No Record	FT		MEASUREMENT POINT ELEVATION		587.05	FASL	DEPTH TO N	I ND FI
	WELL ETER	2.0	IN		KUP TO PROTECTIVE IEIGHT DIFFERENTIAL			IN	NAPL REMO	(÷Δ)
	REEN NGTH	Unknown	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	. VOL. RGED	0.301	GAL		TIME OF SAMPLE COLLECTION		4:30 Pf	М		
PURGE		L DEDTUTO	DUBOE	T-140	SPECIFIC		I pigg og l	TURRIDIT	y I prov	1
TIME 16:13	VOL. (gal)	DEPTH TO WATER (ft) 5.88	PURGE RATE (ml/m 190		CONDUCTANCE (ms/cm) 0.980	pH (units) 6.83	DISS O2. (mg/L) 1.92	TURBIDIT (ntu) 7.38	Y REDOX (ORP) 2.4	COMMENTS
16:16	0.151	5.00	190	7.24 7.27	0.986	6.87	0.95	5.23	1.7	
16:04	-0.602	5.90	190	7.29	0.961	6.59	1.66	16.00	3.4	
16:07	0.151	5.90	190	7.27	0.966	6.72	1.69	11.70	1.8	
16:10 16:19	0.151 0.452	5.90 5.90	190 190	7.25 7.26	0.973 0.987	6.79	2.09 0.81	9.03 5.71	1.9	
10.19	0.432	5.90	190	7.20	0.967	0.09	0.61	5.71	1.7	
	E OF PUMP WAILER SIMCO BL		IMP	TYPE OF TUBIN X SILICONE X HIGH DEN OTHER		TYP X	YSI 556 MF	R QUALITY M PS W/ FLOW -50 W/ FLOW	CELL X	OF WATER LEVEL DEVICE GEOTECH INTERFACE METER SOLINST WATER METER OTHER
			JIVIP	UINER			OTHER			OTHER
WSD MSD MSD MSD MSD MSD MSD MSD MSD MSD M	X	C INORGANICS INORGANICS C INORGANICS INORGANICS C INORGANICS C INORGANICS INORGANICS)B)B		PRESERV/METHOD HCL / 4 DEG. C HNO3 to ph HNO3 to ph HNO3 to ph HNO3 to ph	G. C H < 2 H < 2 G. C H < 2 H < 3 H <	VOLUME REQUIRED 3 X 40 mL 2 X 1 LAG 1 X 1 LP	SAMPLE COLLECTED X VOC X SVOC X TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS TAL INORGANICS
PURGE	OBSERVA	TIONS					COMMENT	S		
PURGE W CONTAIN		YES X	NO	NUMBER OF G	ALLONS 0.301		Clear			
		her dedicated or de eate / field blank re	equired							
		11	mus O	Wagn	-					
SIGNITU	RE:									

FIELD	DATA	RECORD -	GROUN	DWATER S	SAMPLING					COCO
PROJECT		Buffalo Color Co	orporation		SAMPLE ID	BCC_	AREA.E_RF	I-PZ-17_0312	7 8	OSC
WELL ID		RFI-PZ-	17		SAMPLE EVENT		AREA.E_10	Q2012		PECIALTY CONTRACTING, INC. 3/29/2012
TIME	START	10:00 AM	11:0 END	5 AM	JOB NUMBER		0913OM	1M	SAMPLER	Andrew Madden (AM)
		PUMP SETTING			MEASUREMENT POIN	IT			NAPL RE	MOVAL METHOD
STATIC D		12.51	FT		X TOP OF WELL R TOP OF PROTEC		SING		PEF	LER RISTALTIC PUMP SORBENT SOCK
,	WELL EPTH	Unknown	FT		MEASUREMENT POINT ELEVATION		586.123	FASL	DEPTH TO NAPI NON DETECT (ND	L ND FT
DIAM	WELL ETER	2.0	IN		CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL		1.25	IN	NAPL VOL REMOVE	
	REEN NGTH	Unknown	FT		L PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	VOL. RGED	1.374	GAL		TIME OF SAMPLE COLLECTION		10:50 A	M		
PURGE I				•	SPECIFIC					
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m		CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT	(ORP)	COMMENTS
10:25 10:30	0.264	13.45 13.72	200 200	8.94 9.05	1.506 1.480	7.23 7.18	1.57 1.24	4.78 1.82	-110.8 -108.9	
10:34	0.211	14.09	200	8.98	1.440	7.11	1.03	1.45	-98.0	
10:38	0.211	14.34	200	9.03	1.436	7.08	0.91	1.18	-96.7	
10:45	0.370	14.82	200	9.15	1.439	7.07	1.27	1.47	-97.7	
10:48	0.159	14.94	200	9.20	1.442	7.07	1.26	1.16	-99.4	
10:51	0.159	15.15	200	9.27	1.446	7.09	1.37	0.66	-97.9	
FOLIPM	ENT DOC	UMENTATION								
	OF PUMP			TYPE OF TUB				R QUALITY M		WATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X SILICON X HIGH DE	E NSITY POLYETHYLENE	Х		PS W/ FLOW -50 W/ FLOW		OTECH INTERFACE METER LINST WATER METER
Х	GEOPUMF	PERISTALTIC PL	JMP	OTHER			OTHER		ОТН	HER
		RAMETERS								
To Be Collec	ed				THOD MBER		PRESERVA METHOD	ATION	VOLUME REQUIRED	SAMPLE COLLECTED
RD	X VOC			826	60B		HCL / 4 DE	:G. C	3 X 40 mL	X VOC
STANDARD	X SVO	C INORGANICS		CL CL			4 DEG. C HNO3 to ph	H <2	2 X1LAG 1 X1LP	X SVOC X TAL INORGANICS
		INORGANICS		CL			HNO3 to pl		X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE	VOC SVO			826 CL	60B P		HCL / 4 DE 4 DEG. C	.G. C	X 40 mL X 1 LAG	VOC SVOC
J-P		INORGANICS		CL			HNO3 to ph		X 1 LP	TAL INORGANICS
	VOC	INORGANICS		CL 826	60B		HNO3 to pl HCL / 4 DE		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S N	SVO			CL			4 DEG. C		X 1 LAG	SVOC
		INORGANICS INORGANICS		CL CL			HNO3 to pl		X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			826	60B		HCL / 4 DE	G. C	X 40 mL	voc
MSD	SVO TAL	INORGANICS		CL CL			4 DEG. C HNO3 to ph	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS		CL	P		HNO3 to ph	H <2	X 1 LP	TAL INORGANICS (FILTERED)
PURGE (OBSERVA	TIONS					COMMENT	s		
PURGE W		YES X	NO	NUMBER OF (GENERATED	GALLONS 1.374					
NOTES										
All equipm		her dedicated or de eate / field blank re		0						
			16	hell						
		M	mi	nder	_					
SIGNITU	RE:									

FIELD	DATA	RECORD -	GROUN	IDWATER	SAMPLING					CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_A	AREA.E_ICM	-PZ-02S_061	12 ONTARIO S	Specialty Contracting, Inc.
WELL ID		ICM-PZ-	02S		SAMPLE EVENT		AREA.E_20	Q2012		AMPLE DATE 6/29/2012
TIME	START	11:00 AM	11:′ END	15 AM	JOB NUMBER		0913ON	им	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	PUMP SETTING	S		MEASUREMENT POIL					REMOVAL METHOD
STATIC E		11.45	FT		X TOP OF WELL I TOP OF PROTE OTHER		SING		P	AILER ERISTALTIC PUMP BSORBENT SOCK
	WELL EPTH	20.0	FT		MEASUREMENT POINT ELEVATION		585.858	FASL	DEPTH TO NA NON DETECT (N	ND FT
	WELL ETER	2.0	IN		TICKUP TO PROTECTIVE 3 HEIGHT DIFFERENTIAL			IN	NAPL VI REMOV	
	REEN NGTH	10.0	FT		LL PROTECTIVE CASING ND PROPERLY SECURED		X NO			
TOTAL PU	. VOL. RGED		GAL		TIME OF SAMPLE COLLECTION					
PURGE	DATA				SPECIFIC					
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/n	TEMP. n) (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI [*] (ntu)	TY REDOX (ORP)	COMMENTS
	E OF PUMP WAILER SIMCO BL		UMP	TYPE OF TU X SILICO X HIGH C	NE DENSITY POLYETHYLENE	Х	YSI 556 MI	R QUALITY I PS W/ FLOW -50 W/ FLOV	V CELL X G	DF WATER LEVEL DEVICE SEOTECH INTERFACE METER OLINST WATER METER ITHER
_	ICAL PAR	RAMETERS	UMP		IETHOD		PRESERV	ATION	VOLUME	SAMPLE
MSD MS DUPLICATE STANDARD	TAL VOC SVO TAL TAL VOC SVO TAL TAL VOC SVO TAL TAL TAL VAC TAL	C INORGANICS INORGANICS C INORGANICS C INORGANICS C INORGANICS INORGANICS C INORGANICS C INORGANICS C INORGANICS INORGANICS INORGANICS		8 C C C C C C C C C C C C C C C C C C C	UMBER 260B LP LP LP 260B LP LP 260B LP LP LP 260B LP LP LP LP LP LP LP LP		METHOD HCL / 4 DEG. C HNO3 to pl HNO3 to pl HCL / 4 DEG. C HNO3 to pl HNO3 to pl	H <2 H <2 EG. C H <2 EG. C H <2 EG. C H <2 EG. C	REQUIRED X 40 mL X 1 LAG X 1 LP X 40 mL X 1 LAG X 1 LP X 40 mL X 1 LAG X 1 LP X 40 mL X 1 LAG X 1 LP X 40 mL X 1 LAG X 1 LP X 1 LAG X 1 LP X 1 LP	COLLECTED VOC SVOC TAL INORGANICS (FILTERED) VOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED)
PURGE	OBSERVA	TIONS				_	COMMENT	rs		
PURGE W CONTAIN		YES X	NO	NUMBER OF GENERATED			ND			
		her dedicated or deate / field blank re	equired							
		11	house O	Magn						
SIGNITU	RE:									

FIELD	DATA	RECORD -	GROU	NDWATI	ER SA	MPLING						CCC
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_A	REA.E_ICM	-PZ-03S_06	12	ONTARIO S	PECIALTY CONTRACTING. INC.
WELL ID		ICM-PZ-	03S			SAMPLE EVENT		AREA.E_20	Q2012			MPLE DATE 6/29/2012
TIME	START	10:45 AM	END 11	:00 AM		JOB NUMBER		0913ON	ИМ		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		Г	MEASUREMENT POIN						EMOVAL METHOD
STATIC D		10.93	FT		ļ	X TOP OF WELL R TOP OF PROTEC		ING			PE	ILER RISTALTIC PUMP SORBENT SOCK
	WELL EPTH	20.0	FT			MEASUREMENT POINT ELEVATION		585.938	FASL		DEPTH TO NAF NON DETECT (NI	10.87 FI
DIAM	WELL ETER	2.0	IN			UP TO PROTECTIVE			IN		NAPL VO REMOVE	
	REEN NGTH	10.0	FT	INTAC		ROTECTIVE CASING ROPERLY SECURED	YES	X NO				
TOTAL PUF	VOL. RGED		GAL			TIME OF SAMPLE COLLECTION						
PURGE I		DEDTUTO	DI ID OF		I	SPECIFIC		L DUGG GG	TURRUR	T (DEDOV	1
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml		MP. g. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI (ntu)	ΙΥ	REDOX (ORP)	COMMENTS
-								ļ				
FOLUDIA	NT DOOL	INSENITATION.										
TYPE	OF PUMP WAILER SIMCO BL			X SII		SITY POLYETHYLENE	TYPI X	YSI 556 MI HORIBA U	R QUALITY PS W/ FLOV -50 W/ FLOV	V CEL	L X GE	F WATER LEVEL DEVICE COTECH INTERFACE METER DLINST WATER METER
X		PERISTALTIC P	UMP	01	THER		<u></u>	OTHER			ОТ	HER
ANALYT To Be Collect		AMETERS			METH NUME			PRESERVA METHOD	ATION		VOLUME REQUIRED	SAMPLE COLLECTED
DARD	VOC SVO				8260E CLP	1		HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC
STANDAR	TAL	INORGANICS INORGANICS			CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC				8260E	1		HCL / 4 DE			X 40 mL	voc
DUPLICATE	SVO TAL	C INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
10	TAL VOC	INORGANICS			CLP 8260E			HNO3 to pl			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S	SVO	С			CLP			4 DEG. C			X 1 LAG	SVOC
	TAL	INORGANICS INORGANICS			CLP CLP			HNO3 to pl	H <2		X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
۵	VOC 8260B SVOC CLP							HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC
MSD	TAL INORGANICS CLP TAL INORGANICS CLP CLP							HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (PURGE OBSERVATIONS							COMMENT				
PURGE W	URGE WATER ONTAINERIZED YES X NO GENERATED							ND				
NOTES						<u> </u>	_					
All equipme		ner dedicated or d eate / field blank re		or to								
		110	house C	Shan	u							
SIGNITU	GNITURE:											

FIFI D	ΠΑΤΑ	RECORD -	GROUN	IDWATER S						
	ראם האם	Buffalo Color C			_	BCC	AREA.E MV	W-F03 0612		OSC
PROJECT		MW-E0		_	SAMPLE ID		AREA.E_20			ECIALTY CONTRACTING, INC. 6/28/2012
WELL ID		9:05 AM	9-4	5 AM	SAMPLE EVENT		0913OM			Tom Wagner (TW)
TIME	START		END		JOB NUMBER				SAMPLER	J , ,
STATIC D		PUMP SETTING	S		MEASUREMENT POIN X TOP OF WELL R TOP OF PROTEC	ISER	RING		BAIL	MOVAL METHOD LER SISTALTIC PUMP
TO W	ATER	11.06	FT		OTHER	TIVE CAS	SING		ABS	ORBENT SOCK
	WELL EPTH	13.0	FT		MEASUREMENT POINT ELEVATION		588.457	FASL	DEPTH TO NAPL NON DETECT (ND)	NI) FI
DIAM	WELL ETER	2.0	IN		CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL			IN	NAPL VOL. REMOVED	
	REEN NGTH	10.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUF	VOL.	0.137	GAL		TIME OF SAMPLE COLLECTION		9:22 A	М		
PURGE I					SPECIFIC					
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m		CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	(ORP)	COMMENTS
9:16 9:18	0.069	12.64 12.77	130 130	14.72 14.76	1.147 1.149	6.88	0.43 0.36	32.07 23.98	18.2 19.0	
9:20	0.069	12.77	130	14.76	1.149	6.87	0.34	21.85	19.7	
	ENT DOCU	UMENTATION		TYPE OF TUBI	NG	TYP	F OF WATER	R QUALITY ME	TER TYPE OF	WATER LEVEL DEVICE
	WAILER SIMCO BL			X SILICON		X	YSI 556 MF	PS W/ FLOW (CELL X GEO	OTECH INTERFACE METER INST WATER METER
Х	-	P PERISTALTIC P	UMP	OTHER			OTHER		ОТН	
ANALYT To Be Collect		AMETERS			THOD MBER	<u> </u>	PRESERVA METHOD	ATION	VOLUME REQUIRED	SAMPLE COLLECTED
JARD	X VOC			826 CLF	0B		HCL / 4 DE 4 DEG. C	G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC
STANDARD	X TAL	INORGANICS INORGANICS		CLI			HNO3 to ph		1 X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			826 CLI	0B		HCL / 4 DE 4 DEG. C		X 40 mL X 1 LAG	voc svoc
DUPLICATE	TAL	INORGANICS INORGANICS		CLI			HNO3 to ph		X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC SVO			826 CLI	0B		HCL / 4 DE 4 DEG. C		X 40 mL X 1 LAG	voc svoc
M	TAL	INORGANICS INORGANICS		CLI			HNO3 to ph		X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
٥	VOC SVO			826 CLI	0B		HCL / 4 DE 4 DEG. C		X 40 mL X 1 LAG	voc svoc
MSD	TAL INORGANICS CLP TAL INORGANICS CLP CLP							H <2 H <2	X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (DBSERVA	TIONS					COMMENT	-S		
PURGE W		YES X	NO	NUMBER OF G	ALLONS 0.137		Clear but sr	mall tan flakes,	low water	
NOTES	4 4 - 14			4-						
		her dedicated or deate / field blank re	equired							
		11	house O	Magu						
SIGNITU	RE:		A100	Jun 1						

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_M\	V-E04_0612		ONTABIO SD	CSC ECIALTY CONTRACTING, INC.
WELL ID		MW-E0)4		SAMPLE EVENT		AREA.E_20	Q2012			PLE DATE 6/29/2012
TIME	START	8:00 AM	9:20 END) AM	JOB NUMBER		0913ON	IM		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT				NAPL REM	IOVAL METHOD
STATIC D		6.18	FT		X TOP OF WELL R TOP OF PROTEC		SING				STALTIC PUMP
\	WELL	11.5	FT		OTHER MEASUREMENT		588.636	FASL		DEPTH TO NAPL	ND FI
\	EPTH WELL	2.0	IN		POINT ELEVATION KUP TO PROTECTIVE	-		IN		NON DETECT (ND) NAPL VOL.	GAL
DIAM	eter Reen	10.0	FT		EIGHT DIFFERENTIAL PROTECTIVE CASING	<u></u>	X NO			REMOVED	
	TOTAL VOL. 0 349 GAI TIME OF SAMPLE										
	RGED	0.349	GAL		COLLECTION		8:45 Al	VI			
PURGE I	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP.	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI ⁻ (ntu)	ΓY	REDOX (ORP)	COMMENTS
8:30	(3-7	6.76	110	15.46	1.554	6.75	7.28	29.98		24.6	
8:32	0.058	6.83	110	15.58	1.548	6.75	7.08	27.28	_	26.1	
8:34 8:37	0.058 0.087	6.89 6.95	110 110	15.58 15.55	1.530 1.493	6.75 6.76	7.20 7.25	24.88 25.72		30.8	
8:39	0.058	7.00	110	15.51	1.458	6.77	7.19	24.23	_	30.7	
8:42	0.087	7.03	110	15.46	1.430	6.77	7.20	21.92		31.9	
									_		
									_		
									1		
									_		
-									-		
FOLIPMI	NT DOCI	JMENTATION			<u> </u>						
	OF PUMP			TYPE OF TUBIN		_	E OF WATE	R QUALITY I			NATER LEVEL DEVICE TECH INTERFACE METER
	WAILER SIMCO BL			X HIGH DEN	SITY POLYETHYLENE	Х	HORIBA U-	50 W/ FLOV		L SOLI	NST WATER METER
Х	GEOPUMF	PERISTALTIC PI	UMP	OTHER			OTHER			OTH	ER
ANALYT To Be Collect		AMETERS		MET	HOD		PRESERVA	ATION	,	VOLUME	SAMPLE
				NUM	BER		METHOD			REQUIRED	COLLECTED
DARD	X VOC			8260 CLP			HCL / 4 DE 4 DEG. C	.G. C		3 X 40 mL 2 X 1 LAG	X VOC X SVOC
STANDAR		INORGANICS INORGANICS		CLP CLP			HNO3 to ph			1 X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			8260	В		HCL / 4 DE			X 40 mL	voc
DUPLICATE		INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
۵	TAL VOC	INORGANICS		CLP 8260			HNO3 to pl			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S W	SVO	С		CLP			4 DEG. C			X 1 LAG	SVOC
		INORGANICS INORGANICS		CLP CLP			HNO3 to ph			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
۵	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC
MSD	TAL	INORGANICS INORGANICS		CLP CLP			HNO3 to ph			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
DUDGE (OLI			COMMENT			XILI	TAE INORGANICO (FIETERED)
PURGE W				NUMBER OF GA	ALLONS 0.349		COMMENT	5			
CONTAINE	KIZED	YES X	NU	GENERATED							
		ner dedicated or de eate / field blank re		to							
		11	house O.	Wagn	-						
SIGNITU	RE:	v = 000									

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					222
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_	_AREA.E_M\	W-E05_0612	ONTARIO SE	ecialty Contracting, Inc.
WELL ID		MW-E0	05		SAMPLE EVENT		AREA.E_20	Q2012		IPLE DATE 6/26/2012
TIME	START	10:45 AM	1:00 END) PM	JOB NUMBER		0913OM	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	PUMP SETTING	S		MEASUREMENT POIN					MOVAL METHOD
STATIC D		5.80	FT		X TOP OF WELL R TOP OF PROTEC		SING			.ER ISTALTIC PUMP ORBENT SOCK
	WELL EPTH	13.0	FT		MEASUREMENT POINT ELEVATION		586.679	FASL	DEPTH TO NAPL NON DETECT (ND	NI) FI
	WELL ETER	2.0	IN		CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL			IN	NAPL VOL REMOVED	
	REEN NGTH	10.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	. VOL. RGED	0.277	GAL		TIME OF SAMPLE COLLECTION		11:15 A	М		
PURGE					SPECIFIC		1		. 1	
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m		CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	(ORP)	COMMENTS
11:16 11:18	0.079	6.27 6.34	150 150	15.60 15.59	1.017	6.75 6.74	0.86	18.42 19.31	70.3 75.9	
11:20	0.079	6.38	150	15.59	1.013	6.72	0.63	10.66	78.5	
11:23	0.119	6.42	150	15.62	1.011	6.72	0.57	11.44	79.9	
					1					
-										
TYP	E OF PUMP WAILER SIMCO BL	ADDER				TYP X	YSI 556 MF HORIBA U-	R QUALITY M PS W/ FLOW -50 W/ FLOW	CELL X GEC	WATER LEVEL DEVICE DTECH INTERFACE METER INST WATER METER
X		PERISTALTIC P	UMP	OTHER			OTHER		OTH	ER
MS DUPLICATE STANDARD	X VOC X SVO X TAL X VOC X SVO X TAL TAL X VOC X SVO X SVO	C INORGANICS INORGANICS C INORGANICS INORGANICS			000 000 000 000 000 000		PRESERVA METHOD HCL / 4 DE 4 DEG. C HNO3 to ph HCL / 4 DE	G. C H < 2 H < 2 G. C H < 2 H < 2 H < 2 G. C	VOLUME REQUIRED 3 X 40 mL 2 X1 LAG 1 X1 LP X1 LP 3 X 40 mL 2 X1 LAG 1 X1 LP X1 LP	SAMPLE COLLECTED X VOC X SVOC X TAL INORGANICS TAL INORGANICS (FILTERED) X VOC X SVOC X TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS (FILTERED) X VOC X SVOC X SVOC X TAL INORGANICS (FILTERED) X VOC X SVOC X TAL INORGANICS
MSD	X VOC X SVO X TAL	INORGANICS C INORGANICS INORGANICS		CLF 826 CLF CLF	0B		HNO3 to pH HCL / 4 DE 4 DEG. C HNO3 to pH HNO3 to pH	H <2 :G. C H <2 H <2	X1LP 3 X40 mL 2 X1LAG 1 X1LP X1LP	TAL INORGANICS (FILTERED) X VOC X SVOC X TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE	OBSERVA	TIONS					COMMENT	S		
PURGE W CONTAIN		YES X	NO	NUMBER OF G GENERATED	ALLONS 0.277	Щ				
		her dedicated or d eate / field blank re	equired							
		10	house O.	Wagu	_					
SIGNITU	RE:									

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						Occ
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_MV	W-E06_0612		ONTABIO SE	ecialty Contracting, Inc.
WELL ID		MW-E0	16		SAMPLE EVENT		AREA.E_20	Q2012			IPLE DATE 6/26/2012
TIME	START	1:15 PM	2:25 END	PM	JOB NUMBER		0913OM	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN	IT				NAPL REM	MOVAL METHOD
STATIC D	EPTH	5.40	FT		X TOP OF WELL R TOP OF PROTEC		SING			BAIL PER	ER ISTALTIC PUMP
TO W		5.42	FT		OTHER						ORBENT SOCK
D	WELL EPTH	13.0	FT		MEASUREMENT POINT ELEVATION		586.947	FASL	١	DEPTH TO NAPL NON DETECT (ND)) ND FI
DIAM	WELL ETER	2.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL			IN		NAPL VOL. REMOVED	
	REEN	10.0	FT		PROTECTIVE CASING	VEC	X NO				
	TOTAL VOL. 0.697 GAL INTACT AND PROPERLY SECURED							<u> </u>			
PUF	RGED	0.697	GAL		COLLECTION		1:30 PM	VI			
PURGE I	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP.	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Y	REDOX (ORP)	COMMENTS
13:30	(gai)	5.82	120	15.66	2.257	6.41	1.31	76.04	-	-36.3	COMMENTS
13:33	0.095	5.88	120	15.72	2.234	6.40	1.32	79.61		-30.8	
13:35	0.063	5.90	120	15.86	2.193	6.39	1.07	83.51	_	-28.6	
13:38	0.095 0.095	5.92 5.95	120 120	16.29 16.80	2.115 2.081	6.31	0.59 0.63	84.51 64.86		-22.1 -22.7	
13:44	0.095	5.98	120	16.98	2.060	6.21	0.58	52.12		-21.6	
13:47	0.095	6.00	120	16.81	2.061	6.23	0.55	49.73		-21.6	
13:49 13:52	0.063	6.01	120 120	16.81	2.046	6.20	0.50	43.68	_	-21.1	
13:52	0.095	6.02	120	16.83	2.037	6.19	0.45	43.01	_	-20.5	
									-		
	ENT DOCU OF PUMP WAILER	JMENTATION		TYPE OF TUBIN		TYP X	E OF WATER	R QUALITY N			WATER LEVEL DEVICE DTECH INTERFACE METER
X	SIMCO BL	ADDER PERISTALTIC PI	JMP		SITY POLYETHYLENE		HORIBA U- OTHER	-50 W/ FLOW	/ CELL		INST WATER METER
		AMETERS									
To Be Collect				MET <u>NUM</u>			PRESERVA METHOD	ATION		LUME QUIRED	SAMPLE COLLECTED
JARD	X VOC			8260 CLP	В		HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	X VOC X SVOC
STANDAR	X TAL	INORGANICS INORGANICS		CLP CLP			HNO3 to ph			X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			8260	В		HCL / 4 DE			X 40 mL	voc
DUPLICATE	SVO TAL	U INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
10	TAL VOC	INORGANICS		CLP 8260			HNO3 to pH HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S S	SVO			CLP CLP			4 DEG. C HNO3 to ph			X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS		CLP			HNO3 to pH	H <2		X 1 LP	TAL INORGANICS (FILTERED)
MSD	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	VOC SVOC
ž		INORGANICS INORGANICS		CLP CLP			HNO3 to ph			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (DBSERVA						COMMENT				
PURGE W	ATER	YES X	NO 🗔	NUMBER OF GA	ALLONS 0.697		Cloudy				
_	INICEU	ieo X		GENERATED		-					
		ner dedicated or deate / field blank re		0							
		1/1	house O.	Wagu	-						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUN	IDWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_M\	W-E07_0612		ONTARIO SE	ecialty Contracting, Inc.
WELL ID		MW-E0)7		SAMPLE EVENT		AREA.E_20	Q2012			PLE DATE 6/27/2012
TIME	START	10:40 AM	END 1	1;35	JOB NUMBER		0913ON	ИМ		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	UMP SETTING	S		MEASUREMENT POIN						MOVAL METHOD
STATIC D		5.31	FT		X TOP OF WELL R TOP OF PROTEC		SING				ER ISTALTIC PUMP ORBENT SOCK
	WELL EPTH	14.0	FT		MEASUREMENT POINT ELEVATION		587.05	FASL		DEPTH TO NAPL NON DETECT (ND)	ND FT
DIAM	WELL ETER	2.0	IN		KUP TO PROTECTIVE			IN		NAPL VOL. REMOVED	GAL
	SCREEN WELL PROTECTIVE CASING LENGTH 10.0 FT INTACT AND PROPERLY SECURED										
	TOTAL VOL. PURGED 0.198 GAL TIME OF SAMPLI COLLECTION							M			
PURGE I	DATA VOL.	PURGE	TEMP.	SPECIFIC CONDUCTANCE	pН	DISS O2.	TURBIDI	rv I	REDOX	ī	
TIME 10:58	(gal)	DEPTH TO WATER (ft) 5.87	RATE (ml/r		(ms/cm) 1.096	(units) 5.96	(mg/L)	(ntu)		(ORP)	COMMENTS
11:00	0.066	5.87	125	16.63	1.096	5.96	0.74	11.16	+	-37.7	
11:02	0.066	5.75	125	16.62	1.097	5.94	0.57	11.50		-37.2	
11:04	0.066	5.75	125	16.60	1.098	5.95	0.53	11.09		-37.4	
									-		
-											
EQUIPM.		INSENITATION.									
	OF PUMP	JMENTATION		TYPE OF TUBI		TYP	E OF WATE				WATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X SILICONE X HIGH DE	SITY POLYETHYLENE	Х		PS W/ FLOW -50 W/ FLOV			TECH INTERFACE METER INST WATER METER
Х		PERISTALTIC P	UMP	OTHER			OTHER			ОТН	ER
		AMETERS									
To Be Collec					THOD MBER		PRESERVA METHOD			VOLUME REQUIRED	SAMPLE COLLECTED
JARD	X VOC			826 CLP			HCL / 4 DE 4 DEG. C	G. C		3 X 40 mL 2 X 1 LAG	X VOC X SVOC
STANDAR	X TAL	INORGANICS INORGANICS		CLP CLP			HNO3 to pl			1 X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			826)B		HCL / 4 DE			X 40 mL	VOC
DUPLICATE	SVO TAL	C INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
Па	TAL VOC	INORGANICS		CLP 826			HNO3 to pl			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S	SVO	С		CLF			4 DEG. C			X 1 LAG	SVOC
		INORGANICS INORGANICS		CLP CLP			HNO3 to pl HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC SVO			826 CLP			HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC
MSD	TAL	INORGANICS		CLP			HNO3 to pl			X 1 LP	TAL INORGANICS
		INORGANICS		CLP	'		HNO3 to pl			X 1 LP	TAL INORGANICS (FILTERED)
	OBSERVA	IONS		NILIMPED OF C	ALLONG	. [COMMENT	S			
PURGE W		YES X	NO	NUMBER OF G GENERATED	0.198						
		ner dedicated or deate / field blank re		to							
anivar on s	140 111150			566							
OLONIET I	DE.	1/1	-ma V	Magu							
SIGNITU	KE:										

FIELD	DATA	RECORD -	GROU	NDWATE	R SAMPLIN	G						Crc
PROJECT		Buffalo Color C		BCC_	AREA.E_M\	W-E08_0612	2	ONTARIO S	SPECIALTY CONTRACTING, INC.			
WELL ID		MW-E0	08		SAMPLE EV	ENT		AREA.E_20	Q2012			AMPLE DATE 6/29/2012
TIME	START	10:00 AM	END 10	:15 AM	JOB NUME	BER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	iS		MEASUREM							REMOVAL METHOD
STATIC D TO W		10.43	FT			F WELL RI F PROTEC R		ING			PI	AILER ERISTALTIC PUMP BSORBENT SOCK
	WELL EPTH	13.0	FT		MEASU POINT EL	JREMENT EVATION	ŧ	585.903	FASL		DEPTH TO NA NON DETECT (N	ND FT
DIAM	WELL ETER	2.0	IN		STICKUP TO PRO				IN		NAPL VO REMOV	
	SCREEN 10.0 FT WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED							X NO				
	TOTAL VOL. PURGED GAL TIME OF SAMPLE COLLECTION											
PURGE DATA SPECIFIC VOL. DEPTH TO PURGE TEMP. CONDUCTANCE								DISS O2.	TURBIDI	ITY	REDOX	1
TIME (gal) WATER (ft) RATE (ml/m) (deg. C) (ms/cm)							pH (units)	(mg/L)	(ntu)		(ORP)	COMMENTS
-												
										_		
	OF PUMP WAILER SIMCO BL	JMENTATION ADDER PERISTALTIC P	UMP		CONE H DENSITY POLYE	THYLENE	X	YSI 556 MF	R QUALITY PS W/ FLOV -50 W/ FLOV	V CELI	L X G	DF WATER LEVEL DEVICE EOTECH INTERFACE METER OLINST WATER METER THER
		AMETERS										
ANALYTICAL PARAMETERS To Be Collected METHOD NUMBER 8260B SVOC CLP C								PRESERV. METHOD HCL /4 DEG. C HNO3 to pi HNO3 to pi HNO3 to pi HNO3 to pi HO2 /4 DEG. C HNO3 to pi HO3 to pi HCL /4 DEG 4 DEG. C HNO3 to pi HCL /4 DEG 4 DEG. C HNO3 to pi HCL /4 DEG 4 DEG. C HNO3 to pi HCL /4 DEG 4 DEG. C	G. C 1<2 1<2 G. C 1<2 G. C 1<2 G. C 1<2 G. C 1<2 G. C		VOLUME REQUIRED X 40 mL X 1 LAG X 1 LP X 1 LP X 1 LAG X 1 LP X 1 LAG X 1 LP X 1 LAG X 1 LP X 1 LP	SAMPLE COLLECTED VOC SVOC TAL INORGANICS TAL INORGANICS (FILTERED VOC SVOC TAL INORGANICS (FILTERED TAL INORGANICS (FILTERED TAL INORGANICS (FILTERED TAL INORGANICS (FILTERED
PURGE (DBSERVA	TIONS			_			COMMENT	S			
PURGE W CONTAINE		YES X	NO	NUMBER GENERAT	OF GALLONS ED		_					
		ner dedicated or d eate / field blank re										
		10	Shage	_								
SIGNITU	RE:											

FIELD	DATA	RECORD -	GROU	NDWAT	TER SA	AMPLING						CCC
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_	AREA.E_M	W-E09_0612	2	ONTARIO S	OSC SPECIALTY CONTRACTING, INC.
WELL ID		MW-E	09			SAMPLE EVENT		AREA.E_20	Q2012			6/29/2012 6/29/2012
TIME	START	10:15 AM	END	10;30		JOB NUMBER		0913ON	ИМ		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	UMP SETTING	s			MEASUREMENT POIN						EMOVAL METHOD
STATIC D		8.85	FT			X TOP OF WELL R TOP OF PROTEC		ING			PE	AILER ERISTALTIC PUMP BSORBENT SOCK
	WELL EPTH	13.0	FT			MEASUREMENT POINT ELEVATION		585.979	FASL		DEPTH TO NAI NON DETECT (N	ND FT
DIAM	WELL ETER	2.0	IN			CUP TO PROTECTIVE			IN		NAPL VO REMOVE	
	SCREEN WELL PROTECTIVE CASING LENGTH 10.0 FT INTACT AND PROPERLY SECURED							X NO				
	TOTAL VOL. PURGED GAL TIME OF SAMPLE COLLECTION											
PURGE DATA SPECIFIC								1		1		,
VOL. DEPTH TO PURGE TEMP. CONDUCTANCE TIME (gal) WATER (ft) RATE (ml/m) (deg. C) (ms/cm)								DISS O2. (mg/L)	TURBIDI [*] (ntu)	ΙΥ	REDOX (ORP)	COMMENTS
FOLIPM	NT DOC	JMENTATION										
	OF PUMP				OF TUBING	<u>3</u>	TYPI		R QUALITY I			F WATER LEVEL DEVICE EOTECH INTERFACE METER
	SIMCO BL		UMB	X	HIGH DEN	SITY POLYETHYLENE	Ê	HORIBA U	-50 W/ FLOV		L SO	DLINST WATER METER
X		PERISTALTIC P	UMP	(OTHER		<u> </u>	OTHER			0	THER
ANALYT To Be Collect		AMETERS			METH	HOD		PRESERV	ATION	,	VOLUME	SAMPLE
۵	voc				<u>NUMI</u> 82601			METHOD HCL / 4 DE	:G. C	<u> </u>	REQUIRED X 40 mL	COLLECTED VOC
STANDAR	SVO	C			CLP			4 DEG. C			X 1 LAG	SVOC
STA		INORGANICS INORGANICS			CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
ATE	VOC SVO				8260E CLP	3		HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC
DUPLICATE	TAL	INORGANICS			CLP			HNO3 to pl			X 1 LP	TAL INORGANICS
۵	TAL VOC	INORGANICS			CLP 8260	3		HNO3 to pl			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S S	SVO	С			CLP			4 DEG. C			X 1 LAG	SVOC
		INORGANICS INORGANICS			CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
VOC 8260B								HCL / 4 DE			X 40 mL	VOC
MSD		INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS			CLP			HNO3 to pl	H <2		X 1 LP	TAL INORGANICS (FILTERED)
PURGE (DBSERVA	TIONS						COMMENT	rs			
PURGE W		YES X	NO		ER OF GA RATED	LLONS						
NOTES							7					
		ner dedicated or d eate / field blank re		or to								
		71	Shap									
SIGNITU	RF·	//-		1	u							
SIGNITO												

FIELD	DATA	RECORD -	GROUN	IDWATER S	SAMPLING					020
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_	_AREA.E_M\	W-E10_0612	ONTARIO S	SPECIALTY CONTRACTING, INC.
WELL ID		MW-E1	10		SAMPLE EVENT		AREA.E_20	Q2012		6/29/2012 6/29/2012
TIME	START	10:30 AM	10:4 END	15 AM	JOB NUMBER		0913ON	ИΜ	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	PUMP SETTING	S		MEASUREMENT POIN					EMOVAL METHOD
STATIC D TO W		11.17	FT		X TOP OF WELL F TOP OF PROTEC		SING		PE	NLER RISTALTIC PUMP SSORBENT SOCK
	WELL EPTH	13.5	FT		MEASUREMENT POINT ELEVATION		586.34	FASL	DEPTH TO NAI NON DETECT (N	NI) FI
	WELL ETER	2.0	IN		CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL			IN	NAPL VO REMOVE	
	REEN NGTH	9.9	FT		L PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	. VOL. RGED		GAL		TIME OF SAMPLE COLLECTION					
PURGE I					SPECIFIC	_	-			
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/n	TEMP.	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	TY REDOX (ORP)	COMMENTS
									+	
	E OF PUMP WAILER SIMCO BL		UMP	TYPE OF TUB X SILICON X HIGH DE OTHER		TYP X	YSI 556 MF	R QUALITY N PS W/ FLOW -50 W/ FLOW	V CELL X GE	F WATER LEVEL DEVICE EOTECH INTERFACE METER JLINST WATER METER IHER
ANALYT	ICAL PAR	AMETERS		-		-				
MSD MS DUPLICATE STANDARD Segion 2019	VOC SVO TAL TAL	C INORGANICS INORGANICS C INORGANICS INORGANICS C C INORGANICS INORGANICS INORGANICS		NU 824 CL CL CL 824 CL CL CL CL CL	P P P P P P P P P P P P P P P P P P P		PRESERV/ METHOD HCL / 4 DE 4 DEG. C HNO3 to pi	G. C H < 2 H < 2 G. C H < 2 G. C H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2	VOLUME REQUIRED	SAMPLE COLLECTED VOC SVOC TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED) TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (OBSERVA	TIONS					COMMENT	rs		
PURGE W CONTAIN		YES X	NO	NUMBER OF O	GALLONS		ND			
		her dedicated or deate / field blank re	equired	Magn						
SIGNITU	RE:			yu						

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						OCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	ВС	C_AREA.E_F	R-10_0612		NTABIO SE	DECIALTY CONTRACTING, INC.
WELL ID		R-10			SAMPLE EVENT		AREA.E_20	Q2012			6/28/2012
TIME	START	9:55 AM	10:55 END	5 AM	JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT				NAPL REI	MOVAL METHOD
STATIC D	EPTH	7.00	FT		X TOP OF WELL R TOP OF PROTEC		SING			BAIL PER	LER RISTALTIC PUMP
TO W		7.82	FT		OTHER						ORBENT SOCK
D	WELL EPTH	18.0	FT		MEASUREMENT POINT ELEVATION		588.784	FASL		PTH TO NAPL DETECT (ND)) ND FI
DIAM	WELL ETER	3.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL			IN		NAPL VOL REMOVED	
	REEN NGTH	Unknown	FT		PROTECTIVE CASING PROPERLY SECURED	VEC	X NO				
TOTAL	TOTAL VOL. 0.396 GAL TIME OF SAMPLE PURGED COLLECTION							M			
PURGE I	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)		REDOX (ORP)	COMMENTS
10:17	(3*)	8.52	125	14.49	0.901	8.61	0.46	16.76	_	-145.7	
10:19	0.066	8.57	125	14.44	0.900	8.67	0.33	16.09	-	-157.1	
10:21	0.066	8.62 8.67	125 125	14.36 14.35	0.899 0.898	8.71 8.74	0.30 0.28	20.56 18.06		-157.3 -165.6	
10:25	0.066	8.70	125	14.35	0.898	8.75	0.25	16.68		-172.2	
10:27	0.066	8.73	125	14.25	0.898	8.76	0.24	18.35		-170.4	
10:29	0.066	8.76	125	14.19	0.898	8.77	0.22	17.53		-180.6	
				_							
FQUIPMI	NT DOC	JMENTATION		L					ı		
	OF PUMP WAILER			TYPE OF TUBIN		TYP X		R QUALITY N			WATER LEVEL DEVICE DTECH INTERFACE METER
	SIMCO BL			X HIGH DEN	SITY POLYETHYLENE	Ê	HORIBA U-	-50 W/ FLOW		SOL	INST WATER METER
X	GEOPUMF	PERISTALTIC PI	JMP	OTHER			OTHER			ОТН	IER
ANALYT To Be Collect		AMETERS		MET	HOD		PRESERVA	ATION	VOLUM	F	SAMPLE
	X VOC			NUM	BER		METHOD		REQUIR	RED	COLLECTED
DAR	X SVO	C		8260 CLP			HCL / 4 DE 4 DEG. C		3 X 2 X	1 LAG	X VOC X SVOC
STANDAR		INORGANICS INORGANICS		CLP CLP			HNO3 to pl		1 X X	1 LP 1 LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
ATE	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	G. C		40 mL 1 LAG	VOC SVOC
DUPLICATE	TAL	INORGANICS		CLP			HNO3 to ph		Х	1 LP	TAL INORGANICS
	TAL VOC	INORGANICS		CLP 8260			HNO3 to pl HCL / 4 DE			1 LP 40 mL	TAL INORGANICS (FILTERED) VOC
S W	SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	H <2		1 LAG 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS		CLP			HNO3 to ph	H <2	X	1 LP	TAL INORGANICS (FILTERED)
MSD	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	:G. C		40 mL 1 LAG	VOC SVOC
ž		INORGANICS INORGANICS		CLP CLP			HNO3 to pl			1 LP 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (DBSERVA						COMMENT				
PURGE W	ATER			NUMBER OF GA	ALLONS 0.396		COMMENT	5			
CONTAINE	RIZED	YES X	NO	GENERATED		Щ.					
		ner dedicated or de eate / field blank re		0							
		110	home S.	Wagu	_						
SIGNITU	RE:										
5.5.4110											

CIEL D	DATA	DECORD	CDOUN	DWATER	AMPLING					
FIELD	DATA			IDWATER S	AWPLING				¬ (OSC
PROJECT		Buffalo Color Co	orporation		SAMPLE ID	ВС	C_AREA.E_F		Ontario Sp	PECIALTY CONTRACTING, INC.
WELL ID		R-11			SAMPLE EVENT		AREA.E_20	Q2012	SAM	IPLE DATE 6/28/2012
TIME	START	11:45 AM	END 1:3	0 PM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	PUMP SETTING	S		MEASUREMENT POIN				NAPL REM	MOVAL METHOD LER
STATIC D TO W		6.50	FT		TOP OF PROTEC	CTIVE CAS	SING			ORBENT SOCK
	WELL	17.3	FT		MEASUREMENT POINT ELEVATION		586.356	FASL	DEPTH TO NAPL NON DETECT (ND)	NI) FI
	WELL ETER	3.0	IN		CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL			IN	NAPL VOL REMOVED	
	REEN NGTH	Unknown	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	. VOL. RGED	0.378	GAL		TIME OF SAMPLE COLLECTION		12:30 P	M		
PURGE I		_			SPECIFIC				_	
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	(REDOX (ORP)	COMMENTS
12:30 12:32	0.058	8.40 8.50	110 110	16.94 16.83	0.750 0.750	7.73 7.75	0.96 0.71	86.55 80.51	-130.1 -126.5	
12:34	0.058	8.52	110	16.74	0.750	7.77	0.69	82.46	-120.3	
12:37	0.087	8.73	110	16.87	0.748	7.77	0.77	82.51	-126.1	
12:43	0.174	9.00	110	0.68	0.784	7.97	2.36	86.65	-159.7	
					1					
EOLIIBM	ENT DOC	UMENTATION								
	OF PUMP			TYPE OF TUBI				R QUALITY M		WATER LEVEL DEVICE
	WAILER SIMCO BL				= NSITY POLYETHYLENE	Х	HORIBA U-	PS W/ FLOW -50 W/ FLOW	CELL SOL	TECH INTERFACE METER INST WATER METER
Х	GEOPUMF	PERISTALTIC PI	UMP	OTHER			OTHER		OTH	ER
ANALYT To Be Collect		AMETERS			THOD MBER	•	PRESERVA METHOD	ATION	VOLUME REQUIRED	SAMPLE COLLECTED
ARD	X VOC			826 CLI			HCL / 4 DE 4 DEG. C	G. C	3 X 40 mL X 1 LAG	X VOC SVOC
STANDARD	X TAL	INORGANICS		CLI			HNO3 to ph		1 X1LP	X TAL INORGANICS
	X TAL VOC	INORGANICS		CLI 826			HNO3 to ph HCL / 4 DE		1 X 1 LP X 40 mL	X TAL INORGANICS (FILTERED) VOC
DUPLICATE	SVO TAL	C INORGANICS		CLI CLI			4 DEG. C HNO3 to ph	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS
na		INORGANICS		CLI 826			HNO3 to ph	H <2	X 1 LP	TAL INORGANICS (FILTERED) VOC
S	SVO	С		CLI			4 DEG. C		X 40 mL X 1 LAG	SVOC
		INORGANICS INORGANICS		CLI CLI			HNO3 to pl HNO3 to pl		X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC SVO			826 CLI			HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG	VOC SVOC
MSD	TAL	INORGANICS		CLI			HNO3 to ph		X 1 LP	TAL INORGANICS
DUDGE.		INORGANICS		CLI		1	HNO3 to ph		X 1 LP	TAL INORGANICS (FILTERED)
PURGE W	OBSERVA ATER	TIONS		NUMBER OF (GALLONS 0.378		COMMENT Cloudy, Hig	s gh Turbidity, Lo	ow Water	
CONTAIN	ERIZED	YES X	NO	GENERATED	0.370					
NOTES All equipm	ent used eit	her dedicated or de	econned prior	to						
		eate / field blank re								
		11	house O	Wagu						
SIGNITU	RE:									

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_R	FI-17_0612		ONTARIO SD	OSC ECIALTY CONTRACTING, INC.
WELL ID		RFI-17	7		SAMPLE EVENT		AREA.E_20	Q2012			PLE DATE 6/28/2012
TIME	START	1:35 PM	2:30 END) PM	JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT				NAPL REM	IOVAL METHOD
STATIC D		7.22	FT		X TOP OF WELL R TOP OF PROTEC		SING				STALTIC PUMP
TO W	ATER WELL				OTHER MEASUREMENT					DEPTH TO NAPL	ORBENT SOCK
D	EPTH	12.0	FT	WELL 0710	POINT ELEVATION	<u> </u>	585.815	FASL		NON DETECT (ND)	ND FI
DIAMI	WELL ETER	2.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL			IN		NAPL VOL. REMOVED	GAL
	REEN NGTH	5.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
	TOTAL VOL. PURGED 0.291 GAL TIME OF SAMPLE COLLECTION							М			
PURGE D				SPECIFIC							
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP.) (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI [*] (ntu)	ΤΥ	REDOX (ORP)	COMMENTS
13:47	(94)	8.36	110	16.06	1.044	6.97	0.88	12.30		7.4	
13:49	0.058 0.058	8.52 8.62	110 110	15.88 15.77	1.043 1.043	6.96 6.97	0.78 0.72	12.89 4.47		8.1 8.2	
13:53	0.058	8.71	110	15.75	1.043	6.97	0.72	10.55		8.1	
13:55	0.058	8.82	110	15.72	1.043	6.97	0.73	4.73		8.8	
13:57	0.058	8.89	110	15.70	1.043	6.98	0.72	2.69	-	9.0	
EQUIPME	NT DOO	INSENITATION									
	OF PUMP	JMENTATION		TYPE OF TUBIN		_	E OF WATE				WATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X SILICONE X HIGH DEN	SITY POLYETHYLENE	X		PS W/ FLOW -50 W/ FLOV			TECH INTERFACE METER NST WATER METER
Х	GEOPUMF	PERISTALTIC PI	JMP	OTHER			OTHER			ОТН	ER
ANALYT		AMETERS		MET	HOD		PRESERVA	ATION		VOLUME	SAMPLE
	X VOC			NUM	BER		METHOD			REQUIRED	COLLECTED X VOC
DARE	X SVO	C		8260 CLP			HCL / 4 DE 4 DEG. C			3 X 40 mL 2 X 1 LAG	X SVOC
STANDAR		INORGANICS INORGANICS		CLP CLP			HNO3 to pl			1 X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C			X 40 mL X 1 LAG	voc svoc
DUPLICATE	TAL	INORGANICS		CLP			HNO3 to ph			X 1 LP	TAL INORGANICS
	TAL VOC	INORGANICS		CLP 8260			HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S	SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS		CLP			HNO3 to ph	H <2		X 1 LP	TAL INORGANICS (FILTERED)
MSD	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	VOC SVOC
Ž		INORGANICS INORGANICS		CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE C							COMMENT				
PURGE W	ATER		NO 🗔	NUMBER OF G	ALLONS 0.291						
CONTAINE	INICEU	YES X	INO	GENERATED		-					
		ner dedicated or de eate / field blank re		0							
		10	house O.	Wagn	-						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_R	FI-29_0612		ONTABIO SD	ecialty Contracting, Inc.
WELL ID		RFI-29)		SAMPLE EVENT		AREA.E_20	Q2012			PLE DATE 6/27/2012
TIME	START	3:00 PM	3:40 END) PM	JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN	IT				NAPL REM	MOVAL METHOD
STATIC D		6.82	FT		X TOP OF WELL R TOP OF PROTEC		SING				ER ISTALTIC PUMP ORBENT SOCK
\	WELL EPTH	14.0	FT		MEASUREMENT POINT ELEVATION		585.691	FASL	1	DEPTH TO NAPL NON DETECT (ND)	ND FT
	WELL	2.0	IN		CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL			IN		NAPL VOL. REMOVED	GAL
	SCREEN UPLIED WELL PROTECTIVE CASING FT INTACT AND PROPERLY SECURED										
	TOTAL VOL. PURGED 0.309 GAL TIME OF SAMPLE COLLECTION							М			
PURGE I	DATA			SPECIFIC							
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Υ	REDOX (ORP)	COMMENTS
15:03		6.92	130	15.72	1.430	7.77	0.38	1.25		-143.9	
15:06 15:08	0.103 0.069	6.92 6.92	130 130	15.78 15.80	1.341 1.282	7.79 7.83	0.37	1.20		-149.3 -156.4	
15:10	0.069	6.93	130	15.84	1.247	7.85	0.23	2.27		-162.8	
15:12	0.069	6.95	130	15.83	1.219	7.87	0.21	1.46		-162.8	
									-		
	OF PUMP	JMENTATION		TYPE OF TUBII	<u>NG</u>	TYP	E OF WATE	R QUALITY I	METER	TYPE OF V	WATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X SILICONE X HIGH DEI	SITY POLYETHYLENE	X		PS W/ FLOW -50 W/ FLOW			TECH INTERFACE METER INST WATER METER
Х		PERISTALTIC PI	JMP	OTHER			OTHER			ОТН	
ANALYT		AMETERS						.=			
					ГНОD <u>ИВЕR</u>		PRESERVA METHOD		RE	LUME QUIRED	SAMPLE COLLECTED
DARD	X VOC			826 CLF			HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	X VOC X SVOC
STANDAR		INORGANICS INORGANICS		CLF CLF			HNO3 to ph		1	X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			826	0B		HCL / 4 DE			X 40 mL	VOC
DUPLICATE	SVO TAL	C INORGANICS		CLF CLF			4 DEG. C HNO3 to ph	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
10	TAL VOC	INORGANICS		CLF 826			HNO3 to pl			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S W	SVO	С		CLF)		4 DEG. C			X 1 LAG	SVOC
	TAL	INORGANICS INORGANICS		CLF CLF)		HNO3 to ph	H <2		X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
Q	VOC SVO			826 CLF			HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	VOC SVOC
MSD		INORGANICS INORGANICS		CLF CLF			HNO3 to ph			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
DIDGE	DBSERVA			02.		I	COMMENT			7.12	ME monoration (HETERES)
PURGE W	ATER		luo 🖂	NUMBER OF G	ALLONS 0.309		Clear	J			
CONTAINE	KIZED	YES X	NU	GENERATED		\blacksquare					
		ner dedicated or de eate / field blank re		to							
		10	house O.	Wagu	_						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	C_AREA.E_R	FI-32_0612	ONI	TARIO SR	ecialty Contracting, Inc.
WELL ID		RFI-32	2		SAMPLE EVENT		AREA.E_20	Q2012			6/28/2012
TIME	START	8:00 AM	8:55 END	AM	JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT				NAPL REN	MOVAL METHOD
STATIC D		6.35	FT		X TOP OF WELL R TOP OF PROTEC		SING				ISTALTIC PUMP
,	WELL	13.0	FT		OTHER MEASUREMENT		586.621	FASL		TH TO NAPL	I NI) FI
	EPTH WELL	2.0	IN	WELL STIC	POINT ELEVATION KUP TO PROTECTIVE			IN	NON D	ETECT (ND) NAPL VOL.	GAL
DIAM	ETER REEN				EIGHT DIFFERENTIAL PROTECTIVE CASING			IIV		REMOVED	GAL
LE	LENGTH 5.0 FT INTACT AND PROPERLY SECURED TOTAL VOL. TIME OF SAMPLE										
	RGED	0.232	GAL		COLLECTION		8:30 AI	М			
PURGE I	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP.	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)		EDOX ORP)	COMMENTS
8:19	(9)	7.92	110	14.26	2.058	6.73	0.68	4.40	-	35.5	
8:21	0.058	8.32	110	14.23	2.057	6.74	0.55	3.31	_	34.8	
8:23 8:25	0.058 0.058	8.55 8.84	110 110	14.23 14.22	2.052 2.030	6.75 6.76	0.42 0.45	3.70 4.37	_	33.9	
8:27	0.058	9.12	110	14.21	1.985	6.78	0.49	3.59		35.6	
							1				
	WAILER SIMCO BL	ADDER PERISTALTIC P	JMP	TYPE OF TUBIN X SILICONE X HIGH DEN OTHER		TYP X	YSI 556 MF	R QUALITY N PS W/ FLOW -50 W/ FLOW	CELL	X GEC	WATER LEVEL DEVICE ITECH INTERFACE METER INST WATER METER ER
ANALYT	ICAL PAR	AMETERS				•					
MSD MS DUPLICATE STANDARD B 98 G	X VOC X SVOI X SVOI X TAL TAL VOC SVOI TAL TAL TAL VOC SVOI TAL TA	C INORGANICS INORGANICS C INORGANICS C INORGANICS INORGANICS C INORGANICS C INORGANICS C INORGANICS C INORGANICS C INORGANICS INORGANICS		MET NUM 8260 CLP CLP CLP 8260 CLP	<u>BER</u> B B B		PRESERV/ METHOD HCL / 4 DE 4 DEG. C HNO3 to ph HNO3 to ph	G. C 1 < 2 1 < 2 G. C 1 < 2 G. C	X 1 X 1 X 4 X 1 X 1 X 1 X 1	ED O mL LAG LP LP O mL LAG LP O mL LAG LP O mL LP O mL LAG LP LP O mL LAG LP LAG LP LAG LP LAG LP	SAMPLE COLLECTED X VOC X SVOC X TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS TAL INORGANICS
	OBSERVA	IONS					COMMENT	S			
PURGE W CONTAINE		YES X	NO	NUMBER OF GA GENERATED	ALLONS 0.232		Clear				
		ner dedicated or de eate / field blank re	equired								
		11	home O.	Wagu	-						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						626
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	C_AREA.E_R	FI-33_0612	ON	TARIO SR	ecialty Contracting, Inc.
WELL ID		RFI-33	3		SAMPLE EVENT		AREA.E_20	Q2012			6/29/2012
TIME	START	9:30 AM	10:3 END	0 AM	JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN	IT				NAPL REM	MOVAL METHOD
STATIC D		2.64	FT		X TOP OF WELL R TOP OF PROTEC		SING				ER ISTALTIC PUMP ORBENT SOCK
	WELL EPTH	12.0	FT		MEASUREMENT POINT ELEVATION		583.17	FASL		TH TO NAPL DETECT (ND)	I NI) FI
DIAM	WELL ETER	2.0	IN		KUP TO PROTECTIVE BEIGHT DIFFERENTIAL			IN		NAPL VOL. REMOVED	GAL
	REEN NGTH	5.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL PUR	VOL. RGED	1.395	GAL		TIME OF SAMPLE COLLECTION		9:40 AI	М			
PURGE I	DATA VOL.	DEPTH TO	PURGE	TEMP.	SPECIFIC CONDUCTANCE	рН	DISS O2.	TURBIDIT	y I R	EDOX	I
7IME 9:07	(gal)	WATER (ft) 5.48	RATE (ml/m) (deg. C)	(ms/cm) 1.516	(units) 7.12	(mg/L)	(ntu) 21.28	(ORP) -63.1	COMMENTS
9:40	1.046	5.60	120	17.70 17.81	1.210	7.12	1.77	30.15	-	-60.4	
9:42	0.063	5.68	120	17.54	1.041	7.22	2.36	24.27		-58.2	
9:44	0.063	5.80	120	17.52	0.958	7.26	2.36	24.27	_	-53.6	
9:47 9:51	0.095 0.127	5.91 6.01	120 120	17.41 0.73	0.934 0.944	7.27 7.27	2.40	25.22	_	-51.3 -47.9	
9.51	0.127	6.01	120	0.73	0.944	1.21	2.41	24.35		-47.9	
TYPE	OF PUMP WAILER SIMCO BL		UMD			TYP X	YSI 556 MF HORIBA U-	R QUALITY N PS W/ FLOW -50 W/ FLOW	CELL	X GEO	WATER LEVEL DEVICE ITECH INTERFACE METER INST WATER METER
Х		PERISTALTIC PI	UMP	OTHER			OTHER			ОТН	ER
To Be Collect	X VOC X SVO	C INORGANICS INORGANICS			DB		PRESERVA METHOD HCL / 4 DE 4 DEG. C HNO3 to ph HNO3 to ph HCL / 4 DE 4 DEG. C	:G. C H <2 H <2	X 4	<u>ED</u> 0 mL LAG	SAMPLE COLLECTED X VOC X SVOC X TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC
ndna sw asw	TAL VOC SVOI TAL VOC SVOI TAL TAL TAL TAL	C INORGANICS INORGANICS		CLF CLF 826 CLF CLF 826 CLF CLF CLF)B		HNO3 to pH HNO3 to pH HCL / 4 DE 4 DEG. C HNO3 to pH HNO3 to pH HCL / 4 DE 4 DEG. C HNO3 to pH HNO3 to pH	H <2 :G. C H <2 H <2 :G. C	X 1 X 4 X 1 X 1 X 1 X 4 X 1	LP LP 0 mL LAG LP LP 0 mL LAG LP LP	TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS TAL INORGANICS
PURGE (DBSERVA	TIONS					COMMENT	-S			
PURGE W		YES X	NO	NUMBER OF G GENERATED	ALLONS 1.395						
		ner dedicated or deate / field blank re		о							
		10	house O.	hazu	-						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					020
PROJECT		Buffalo Color C	orporation		SAMPLE ID	ВСС	C_AREA.E_R	FI-51_0612	ONTABIO	Specialty Contracting, Inc.
WELL ID		RFI-5	1		SAMPLE EVENT		AREA.E_20	Q2012		SAMPLE DATE 6/27/2012
TIME	START	11:40 AM	1:50 END) PM	JOB NUMBER		0913OM	1M	SAMPLEF	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN	Т			NAPL F	REMOVAL METHOD
STATIC D		5.50	FT		X TOP OF WELL R TOP OF PROTEC		SING		□P	BAILER PERISTALTIC PUMP
TO W	ATER WELL				OTHER MEASUREMENT				DEPTH TO N	ABSORBENT SOCK
D	EPTH	14.0	FT	WELL OTIO	POINT ELEVATION		586.956	FASL	NON DETECT (I	ND) ND FI
DIAM	WELL ETER	2.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL			IN	NAPL V REMOV	
	REEN NGTH	5.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUF	VOL. RGED	0.320	GAL		TIME OF SAMPLE COLLECTION		1:00 Pf	м		
PURGE I	DATA				SPECIFIC					
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP.) (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Y REDOX (ORP)	COMMENTS
13:00		8.10	110	14.42	3.378	7.18	1.14	84.40	-107.8	Sampling, high turbidity
13:02 13:05	0.058 0.087	8.15 8.17	110 110	14.31 14.28	3.381 3.379	7.19 7.19	0.60 0.50	76.04 75.73	-107.9 -109.2	
13:07	0.058	8.20	110	14.33	3.370	7.19	0.38	70.83	-110.8	
13:09	0.058	8.24	110	14.39	3.348	7.20	0.25	78.41	-111.5	
13:11	0.058	8.29	110	14.46	3.323	7.19	0.26	92.17	-112.5	
	ENT DOCU	JMENTATION		TYPE OF TUBIN	G	TVP	E OF WATE	R QUALITY M	IETER TYPE (OF WATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X SILICONE		X	YSI 556 MF	PS W/ FLOW -50 W/ FLOW	CELL X G	GEOTECH INTERFACE METER SOLINST WATER METER
Х		PERISTALTIC PI	JMP	OTHER	SITT OF THITTEIN		OTHER	-00 W/ I LOW		OTHER
ANALYT To Be Collect		AMETERS		MET	HOD		PRESERVA	ATION	VOLUME	SAMPLE
	X VOC			NUM	BER		METHOD HCL / 4 DE		REQUIRED	COLLECTED X VOC
STANDARI	X SVO	C		8260 CLP	ь		4 DEG. C		3 X 40 mL 2 X 1 LAG	X SVOC
STAN		INORGANICS INORGANICS		CLP CLP			HNO3 to pl HNO3 to pl		1 X1LP 1 X1LP	X TAL INORGANICS X TAL INORGANICS (FILTERED)
DUPLICATE	VOC SVO			8260 CLP	В		HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG	VOC SVOC
UPLIC	TAL	INORGANICS		CLP			HNO3 to ph		X 1 LP	TAL INORGANICS
	VOC	INORGANICS		CLP 8260	В		HNO3 to pl HCL / 4 DE		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S S	SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	1 < 2	X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS		CLP			HNO3 to ph	H <2	X 1 LP	TAL INORGANICS (FILTERED)
۵	VOC SVO			8260 CLP	В		HCL / 4 DE 4 DEG. C	:G. C	X 40 mL X 1 LAG	VOC SVOC
MSD		INORGANICS INORGANICS		CLP CLP			HNO3 to pl		X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (DBSERVA			-			COMMENT			
PURGE W	ATER	YES X	NO T	NUMBER OF GA	ALLONS 0.320		Dirty, High	Turbidity		
NOTES	\\U	ILO X		CLINCINATED		-				
All equipme		ner dedicated or deate / field blank re		0						
		10	house O.	Wagn	-					
SIGNITU	RE:									

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color Co	orporation		SAMPLE ID	BCC_	AREA.E_RF	I-PZ-16_0612	2	ONTARIO SE	ecialty Contracting, Inc.
WELL ID		RFI-PZ-	16		SAMPLE EVENT		AREA.E_20	Q2012			PLE DATE 6/27/2012
TIME	START	1:55 PM	2:45 END	5 PM	JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	Т				NAPL REN	MOVAL METHOD
STATIC D		12.84	FT		X TOP OF WELL R TOP OF PROTEC		SING				ISTALTIC PUMP
TO W	ATER WELL	12.04			OTHER MEASUREMENT					ABS DEPTH TO NAPL	ORBENT SOCK
D	EPTH	No Record	FT		POINT ELEVATION	_	587.05	FASL		NON DETECT (ND)	NI) FI
DIAMI	WELL ETER	2.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL			IN		NAPL VOL. REMOVED	GAL
	REEN NGTH	Unknown	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL PUF	VOL. RGED	0.392	GAL		TIME OF SAMPLE COLLECTION		2:10 Pf	М			
PURGE D	DATA		_		SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP.) (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	ſΥ	REDOX (ORP)	COMMENTS
14:06		12.85	135	16.59	1.186	6.81	0.92	23.60		-3.0	
14:08	0.071	12.85 12.85	135 135	16.51 16.52	1.192 1.193	6.84	0.81	20.99 18.75	-	-3.3 -3.7	
14:12	0.071	12.86	135	16.51	1.194	6.86	0.89	19.80		-4.2	
14:15	0.107	12.86	135	16.46	1.197	6.86	0.89	18.23		-5.3	
14:17	0.071	12.86	135	16.47	1.198	6.86	0.99	17.50		-5.7	
									-		
									-		
	OF PUMP	JMENTATION		TYPE OF TUBIN	<u>IG</u>	TYP	E OF WATE	R QUALITY I	ИЕТЕ	R TYPE OF Y	WATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X SILICONE X HIGH DEN	ISITY POLYETHYLENE	Х	_	PS W/ FLOW -50 W/ FLOW			TECH INTERFACE METER INST WATER METER
Х		PERISTALTIC PU	JMP	OTHER			OTHER			ОТН	
ANALYT		AMETERS						.=			
					HOD IBER		PRESERVA METHOD			VOLUME <u>REQUIRED</u>	SAMPLE COLLECTED
DARD	X VOC			8260 CLP			HCL / 4 DE 4 DEG. C	:G. C		3 X 40 mL 2 X 1 LAG	X VOC X SVOC
STANDAR		NORGANICS NORGANICS		CLP CLP			HNO3 to ph			1 X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			8260	В		HCL / 4 DE			X 40 mL	VOC
DUPLICATE	SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
Б	TAL I VOC	NORGANICS		CLP 8260			HNO3 to ph			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
8	SVO	0		CLP			4 DEG. C			X 1 LAG	SVOC
		NORGANICS NORGANICS		CLP CLP			HNO3 to ph	H <2		X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
٥	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	VOC SVOC
MSD	TAL	NORGANICS NORGANICS		CLP CLP			HNO3 to ph			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE C				OLI		1	COMMENT			XILI	TAE INORGANICO (FIETERED)
PURGE W				NUMBER OF G	ALLONS 0.392		COMMENT	3			
CONTAINE	RIZED	YES X	NO	GENERATED	3.332	_					
		ner dedicated or de ate / field blank re		0							
		11	home O.	Wagn	-						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUI	NDWATE	R SAMPLING	G						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID		BCC_A	AREA.E_RF	I-PZ-17_061	2	ONTARIO S	SPECIALTY CONTRACTING, INC.
WELL ID		RFI-PZ-	17		SAMPLE EV	ENT		AREA.E_20	Q2012			AMPLE DATE 6/29/2012
TIME	START	11:15 AM	END 11	:30 AM	JOB NUME	BER		0913ON	ИМ		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	UMP SETTING	s		MEASUREM							EMOVAL METHOD
STATIC D		13.70	FT			F WELL RI F PROTEC R		ING			PE	AILER ERISTALTIC PUMP BSORBENT SOCK
	WELL EPTH	Unknown	FT		MEASU POINT EL	REMENT EVATION	í	586.123	FASL		DEPTH TO NA NON DETECT (N	I ND FT
DIAM	WELL ETER	2.0	IN		STICKUP TO PROING HEIGHT DIFFE				IN		NAPL VO	
	REEN NGTH	Unknown	FT		VELL PROTECTIVE AND PROPERLY S		YES	X NO				
TOTAL PUR	VOL. RGED		GAL		TIME OF COL	SAMPLE LECTION						
PURGE I					SPECI	_						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/				pH (units)	DISS O2. (mg/L)	TURBIDI (ntu)	IIY	REDOX (ORP)	COMMENTS
	WAILER SIMCO BL	JMENTATION ADDER PERISTALTIC PI	JMP		CONE H DENSITY POLYET	ΓHYLENE	TYPE X	4	R QUALITY PS W/ FLOV -50 W/ FLOV	V CEL	L X G	F WATER LEVEL DEVICE EOTECH INTERFACE METER OLINST WATER METER THER
	-		JIVII		LIX			OTTIER			<u></u>	THE CONTRACTOR OF THE CONTRACT
ANALYTICAL PARAMETERS To Be Collected METHOD NUMBER 8260B SVOC CLP CLP								PRESERV/ METHOD HCL / 4 DE 4 A DEG. C HNO3 to pi HNO3 to pi	G. C H < 2 H < 2 G. C H < 2 G. C H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2 H < 2		VOLUME REQUIRED X 40 mL X 1 LP X 1 LP X 1 LP X 40 mL X 1 LAG X 1 LP X 1 LAG X 1 LP X 1 LP X 1 LP X 40 mL X 1 LAG X 1 LP X 1 LAG X 1 LP X 1 LAG X 1 LP X 1 LAG X 1 LP X 1 LAG	SAMPLE COLLECTED VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC TAL INORGANICS (FILTERED) VOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED)
PURGE (OBSERVA	TIONS						COMMENT	rs			
PURGE W CONTAINE		YES X	NO	NUMBER (GENERAT	OF GALLONS ED							
		ner dedicated or de eate / field blank re										
		11	_									
SIGNITU	RE:											

FIELD	DATA	RECORD -	GROU	NDWAT	ER SA	AMPLING						Occ
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_A	REA.E_ICM	-PZ-02S_091	12	ONTARIO S	OSC SPECIALTY CONTRACTING, INC.
WELL ID		ICM-PZ-	02S			SAMPLE EVENT		AREA.E_30	Q2012			9/17/2012 9/17/2012
TIME	START	1:10 PM	END 1	:20 PM		JOB NUMBER		0913ON	ИΜ		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		ı	MEASUREMENT POIN						EMOVAL METHOD
STATIC D		12.83	FT			X TOP OF WELL R TOP OF PROTEC		ING			PE	NLER ERISTALTIC PUMP SSORBENT SOCK
	WELL EPTH	20.0	FT			MEASUREMENT POINT ELEVATION		585.858	FASL		DEPTH TO NAI NON DETECT (N	ND ET
DIAM	WELL ETER	2.0	IN			CUP TO PROTECTIVE		3.5	IN		NAPL VC REMOVE	
	REEN NGTH	10.0	FT	INTA		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL PUF	VOL. RGED		GAL			TIME OF SAMPLE COLLECTION						
PURGE I		•		•		SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGI RATE (m		EMP. eg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	TY	REDOX (ORP)	COMMENTS
										-		
												+
	OF PUMP WAILER SIMCO BL	JMENTATION ADDER		XS	OF TUBING	G SITY POLYETHYLENE	TYPE X	YSI 556 MI	R QUALITY I PS W/ FLOW -50 W/ FLOW	/ CELL	X GE	F WATER LEVEL DEVICE EOTECH INTERFACE METER DLINST WATER METER
Х	GEOPUMF	PERISTALTIC P	UMP		OTHER			OTHER			01	THER
ANALYT To Be Collect		AMETERS			METH	HOD		PRESERVA	ATION	V	OLUME	SAMPLE
۵	voc				<u>NUME</u> 8260E			METHOD HCL / 4 DE	G. C	R	EQUIRED X 40 mL	COLLECTED VOC
STANDAR	SVO				CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
		INORGANICS			CLP			HNO3 to pl	H <2		X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE	SVO	С			8260E CLP	3		HCL / 4 DE 4 DEG. C			X 40 mL X 1 LAG	VOC SVOC
DUPL		INORGANICS INORGANICS			CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
(0	VOC SVO				8260E CLP	3		HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC
MS	TAL	INORGANICS			CLP			HNO3 to pl			X 1 LP	TAL INORGANICS
	VOC				CLP 8260E	3		HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
MSD	SVO TAL	C INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS			CLP		_	HNO3 to pl	H <2		X 1 LP	TAL INORGANICS (FILTERED)
PURGE (DBSERVA	TIONS						COMMENT	rs			
PURGE W CONTAINE		YES X	NO	NUMBE GENEF	ER OF GA RATED	LLONS						
	ITES aquipment used either dedicated or deconned prior to val on site. No rinseate / field blank required											
		10	house C	Shap	in							
SIGNITU	RE:					<u></u>						

FIELD	DATA	RECORD -	GROU	NDWAT	ER SA	MPLING						CCC
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_A	REA.E_ICM	-PZ-03S_091	12	ONTARIO S	OSC Specialty Contracting, Inc.
WELL ID		ICM-PZ-	03S			SAMPLE EVENT		AREA.E_30	Q2012			9/17/2012 9/17/2012
TIME	START	1:20 PM	END 1	:30 PM		JOB NUMBER		0913ON	ИΜ		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		ı	MEASUREMENT POIN						EMOVAL METHOD
STATIC D		13.30	FT			X TOP OF WELL R TOP OF PROTEC		ING			PE	AILER ERISTALTIC PUMP SSORBENT SOCK
	WELL EPTH	20.0	FT			MEASUREMENT POINT ELEVATION	,	585.938	FASL		DEPTH TO NA NON DETECT (N	13.15 ⊢1
DIAM	WELL ETER	2.0	IN			UP TO PROTECTIVE		2.75	IN		NAPL VO REMOVE	
	REEN NGTH	10.0	FT	INTA		PROTECTIVE CASING ROPERLY SECURED	YES	X NO				
TOTAL PUF	VOL. RGED		GAL			TIME OF SAMPLE COLLECTION						
PURGE I				·		SPECIFIC		•				
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml		EMP. eg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	TY	REDOX (ORP)	COMMENTS
										\dashv		
				_						_		
EOLIIDMI	NT DOC	JMENTATION										
	OF PUMP WAILER			X SI	OF TUBING	_	TYPE	YSI 556 MF	R QUALITY I PS W/ FLOW	/ CELL	X GI	F WATER LEVEL DEVICE EOTECH INTERFACE METER
Х	SIMCO BL GEOPUMF	ADDER PPERISTALTIC P	UMP		IIGH DENS THER	SITY POLYETHYLENE		HORIBA U- OTHER	-50 W/ FLOV	V CELL		DLINST WATER METER THER
		AMETERS										
To Be Collect					METH NUME	BER		PRESERVA METHOD			OLUME <u>EQUIRED</u>	SAMPLE COLLECTED
DARD	VOC SVO				8260E CLP	3		HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	voc svoc
STANDAR		INORGANICS INORGANICS			CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC				8260E	3		HCL / 4 DE			X 40 mL	VOC
DUPLICATE	SVO TAL	INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
٦	TAL VOC	INORGANICS			CLP 8260E	3		HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S S	SVO	C INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	J <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS			CLP			HNO3 to pl	H <2		X 1 LP	TAL INORGANICS (FILTERED)
MSD	VOC SVO				8260E CLP	3		HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	voc svoc
ž		INORGANICS INORGANICS			CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (DBSERVA	TIONS						COMMENT	rs			
PURGE W		YES X	NO T	NUMBE GENER	ER OF GA	LLONS						
NOTES			-				\dashv					
All equipme		ner dedicated or d eate / field blank re		or to								
	Thomas O. Wagn											
SIGNITU	RE:											

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_M\	V-E03_0912		ONTARIO SE	ecialty Contracting, Inc.
WELL ID		MW-E0	13		SAMPLE EVENT		AREA.E_30	Q2012			9/12/2012 PLE DATE 9/12/2012
TIME	START	1:05 PM	2:00 END) PM	JOB NUMBER		0913ON	IM		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN	IT				NAPL REM	MOVAL METHOD
STATIC D		12.93	FT		X TOP OF WELL R TOP OF PROTEC		SING				ER ISTALTIC PUMP ORBENT SOCK
\	WELL EPTH	13.0	FT		MEASUREMENT POINT ELEVATION		588.457	FASL		DEPTH TO NAPL	ND FT
DIAM	WELL ETER	2.0	IN		KUP TO PROTECTIVE IEIGHT DIFFERENTIAL		0.5	IN		NAPL VOL. REMOVED	GAL
	REEN NGTH	10.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL PUF	VOL. RGED	0.396	GAL		TIME OF SAMPLE COLLECTION		1:35 PI	М			
PURGE I	DATA				SPECIFIC	<u>-</u>					
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI [*] (ntu)	ΤΥ	REDOX (ORP)	COMMENTS
13:22		13.86	150	17.92	1.219	6.05	1.65	17.04		144.5	
13:25	0.119 0.079	13.94 14.00	150 150	17.86 17.83	1.224 1.226	6.01	1.33 1.15	10.69 6.77	_	129.0 115.9	
13:29	0.079	14.03	150	17.90	1.227	6.01	1.05	5.50	_	105.2	
13:32	0.119	14.14	150	18.04	1.226	6.04	1.00	3.57		96.4	
				_					_		
									-		
-				_					_		
									_		
	ENT DOCU OF PUMP WAILER	JMENTATION		TYPE OF TUBIN		TYP X	PE OF WATER YSI 556 MF	R QUALITY I			WATER LEVEL DEVICE ITECH INTERFACE METER
X	SIMCO BL GEOPUMF	ADDER PPERISTALTIC PI	JMP	X HIGH DEN	ISITY POLYETHYLENE		HORIBA U- OTHER	50 W/ FLOV	V CEL	L SOLI	INST WATER METER ER
ANALYT		AMETERS									
					HOD IBER		PRESERVA METHOD	ATION		VOLUME REQUIRED	SAMPLE COLLECTED
JARD	X VOC			8260 CLP			HCL / 4 DE 4 DEG. C	G. C		3 X 40 mL 2 X 1 LAG	X VOC X SVOC
STANDAR	X TAL	INORGANICS INORGANICS		CLP CLP			HNO3 to ph			1 X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			8260)B		HCL / 4 DE			X 40 mL	voc
DUPLICATE	SVO TAL	C INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
70	TAL VOC	INORGANICS		CLP 8260			HNO3 to ph			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S	SVO	С		CLP			4 DEG. C			X 1 LAG	svoc
		INORGANICS INORGANICS		CLP CLP			HNO3 to ph			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
٥	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC
MSD	TAL	INORGANICS		CLP			HNO3 to ph			X 1 LP	TAL INORGANICS
DUDGE (INORGANICS		CLP		I	HNO3 to ph			X 1 LP	TAL INORGANICS (FILTERED)
PURGE W		YES X	NO C	NUMBER OF G	ALLONS 0.396		COMMENT				
CONTAINE	LINICEU	IES A		GENERATED		\dashv					
		ner dedicated or deate / field blank re		to							
		1/1	home O.	Wagn	-						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_M\	W-E04_0912		ONTABIO SD	OSC ECIALTY CONTRACTING, INC.
WELL ID		MW-E0)4		SAMPLE EVENT		AREA.E_30	Q2012			9/13/2012 PLE DATE 9/13/2012
TIME	START	2:05 PM	3:10 END) PM	JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	Т				NAPL REM	IOVAL METHOD
STATIC DI		8.64	FT		X TOP OF WELL R TOP OF PROTEC		SING				ER ISTALTIC PUMP ORBENT SOCK
\	WELL EPTH	11.5	FT		MEASUREMENT POINT ELEVATION		588.636	FASL	N	DEPTH TO NAPL NON DETECT (ND)	ND FT
	WELL	2.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL		2	IN		NAPL VOL. REMOVED	GAL
	REEN NGTH	10.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL PUF	VOL. RGED	0.523	GAL		TIME OF SAMPLE COLLECTION		2:28 Pf	М			
PURGE D	DATA				SPECIFIC	-		-			
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Y	REDOX (ORP)	COMMENTS
14:14		9.20	180	17.06	1.760	6.53	0.97	4.96		-48.3	
14:16 14:19	0.095 0.143	9.28 9.41	180 180	17.14 17.37	1.176 1.693	6.44	0.82 0.73	8.12 4.89	_	-43.6 -37.5	
14:19	0.143	9.41	180	17.67	1.668	6.36	0.76	5.13		-37.5	
14:23	0.095	9.62	180	17.57	1.608	6.31	0.83	5.69		-30.0	
14:25	0.095	9.71	180	17.64	1.563	6.37	0.83	5.39		-28.8	
-											
FOLIPME	NT DOCI	JMENTATION			l						
	OF PUMP			TYPE OF TUBIN				R QUALITY N			WATER LEVEL DEVICE
	WAILER SIMCO BL				SITY POLYETHYLENE	Х	HORIBA U-	-50 W/ FLOW		SOLI	TECH INTERFACE METER NST WATER METER
X	GEOPUMF	PERISTALTIC PI	JMP	OTHER			OTHER			ОТН	ER
ANALYT		AMETERS		МЕТ	HOD		DDECEDV	ATION	VOI	LUME	SAMPLE
				MET NUM	BER		PRESERVA METHOD		REC	LUME <u>QUIRED</u>	COLLECTED
DARD	X VOC			8260 CLP			HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	X VOC X SVOC
STANDAR	X TAL	INORGANICS		CLP			HNO3 to ph			X 1 LP	X TAL INORGANICS
	VOC	INORGANICS		CLP 8260			HNO3 to ph HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
DUPLICATE	SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
DO	TAL	INORGANICS		CLP			HNO3 to ph	H <2		X 1 LP	TAL INORGANICS (FILTERED)
(0	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	VOC SVOC
Σ	TAL	INORGANICS		CLP			HNO3 to pl			X 1 LP	TAL INORGANICS
	VOC	INORGANICS		CLP 8260			HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
MSD	SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	1 < 2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
		INORGANICS		CLP			HNO3 to pl			X 1 LP	TAL INORGANICS (FILTERED)
PURGE C	DBSERVA	TIONS					COMMENT	s			
PURGE W.		YES X	NO T	NUMBER OF G	ALLONS 0.523						
NOTES		120 1	···~ <u> </u>	OL. ILIVIILD		-					
All equipme		ner dedicated or de eate / field blank re		to							
		11	house O.	Wagn	-						
SIGNITU	RE:	5-600									

FIELD	DATA	RECORD -	GROUN	DWATER S	SAMPLING					222
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_	_AREA.E_MV	V-E05_0912	ONTARIO SE	ecialty Contracting, Inc.
WELL ID		MW-E0)5		SAMPLE EVENT		AREA.E_30	Q2012		PLE DATE 9/11/2012
TIME	START	10:50 AM	12:0 END	0 PM	JOB NUMBER		0913OM	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	UMP SETTING	S	·	MEASUREMENT POIN					MOVAL METHOD
STATIC D		5.78	FT		X TOP OF WELL F TOP OF PROTEC		SING			.ER ISTALTIC PUMP ORBENT SOCK
	WELL EPTH	13.0	FT		MEASUREMENT POINT ELEVATION		586.679	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FI
	WELL ETER	2.0	IN		CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL		2.5	IN	NAPL VOL REMOVED	
	REEN NGTH	10.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	. VOL. RGED	0.423	GAL		TIME OF SAMPLE COLLECTION		11:35 A	М		
PURGE	DATA			_	SPECIFIC				_	
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m		CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT` (ntu)	(ORP)	COMMENTS
11:21 11:23	0.085	6.00 6.20	160 160	18.96 19.08	1.402	6.59 6.50	7.66 7.43	23.89 21.70	37.6 39.1	
11:25	0.085	6.20	160	19.08	1.397	6.41	7.43	22.10	44.8	
11:28	0.127	6.30	160	19.37	1.398	6.36	6.88	17.86	49.0	
11:31	0.127	6.40	160	19.46	1.402	6.35	6.00	17.86	50.8	
				_	<u> </u>					
					+					
-										
	E OF PUMP WAILER SIMCO BL		UMP	TYPE OF TUBI X SILICON X HIGH DE OTHER		TYP X	YSI 556 MF	R QUALITY M PS W/ FLOW 50 W/ FLOW	CELL X GEC	WATER LEVEL DEVICE DIECH INTERFACE METER INST WATER METER IER
ANALYT	ICAL PAR	AMETERS				_				
od MSD MS DUPLICATE STANDARD Selection	X	C INORGANICS INORGANICS C INORGANICS INORGANICS C INORGANICS			00 00 00 00 00 00 00 00 00 00 00 00 00		PRESERVA METHOD HCL / 4 DE 4 DEG. C HNO3 to ph	G. C 1 < 2 1 < 2 G. C	VOLUME REQUIRED 3 X 40 mL 2 X1 LAG 1 X1 LP X 10 mL X 1 LAG X 1 LP X 40 mL X 1 LAG X 1 LP X 40 mL X 1 LAG X 1 LP X 40 mL X 1 LAG X 1 LP X 1 LAG X 1 LP 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 (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED)
PURGE	OBSERVA	TIONS					COMMENT	S		
PURGE W		YES X	NO	NUMBER OF O	GALLONS 0.423		Clear			
		her dedicated or deate / field blank re	equired							
		11	rue O.	Wagu	_					
SIGNITU	RE:									

MOREO Buffel Coor Corporation SAMPLE D	FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
Mark Discourt Di	PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_MV	W-E06_0912		ONTARIO SE	OSC INC.
MATER_LEVEL_FUMPSETTINOS	WELL ID		MW-E0	06				AREA.E_30	Q2012			9/11/2012
STATIC GEPTH	TIME	START	12:10 PM	1:20 END	PM	JOB NUMBER		0913OM	1M		SAMPLER	Tom Wagner (TW)
STATIO COPTH	WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN	IT				NAPL REI	MOVAL METHOD
OFFINAL 13.0 FT	STATIC D	EPTH	5.20	ET				SING				
Depth 13.0 F WELL STORUP TO PROTECTIVE CASHO SHEART DEPTH CASHO SHEART CASHO SHEART DEPTH CASHO SHEART DEPTH CASHO SHEART CASHO SHEART CASHO SHEART DEPTH CASHO SHEART CASHO SHEART DEPTH CASHO SHEART CASHO SH			5.50									
DAMETER 2.0 IN CASING FIGURE DIFFERENTIAL 2.5 IN REMOVED 1.0.0 IT WELL PROTECTION CASING INTACT AND PROPERLY SECURED TOTAL VOL. 1.0.03 GAL T	D	EPTH	13.0	FT		POINT ELEVATION		586.947	FASL		NON DETECT (ND) ND FI
INTACT AND PROPERLY SEQUEED 1033 OAL THE OF SAME			2.0	IN				2.25	IN			
TOTAL VOL. PURGE DATA			10.0	FT			YES	X NO				
PURGE DATA	TOTAL	VOL.	1.033	GAL		TIME OF SAMPLE			M			
TIME Color DePTH TO PURISE TEMP CONDUCTANCE pt DISS OZ TURBIDITY REDOX COMMENTS TURB Color DEPTH TO PURISE TURB Color DEPTH TO PURISE TURB Color DEPTH TO PURISE TURB Color DEPTH TO DEPTH T	_											
1222		VOL.				CONDUCTANCE				ГҮ		COMMENTS
12:28	_	(94)										
12:31								-				
12:34					_			_		_		
12.38	_							_		_		
12-43	_							_		_		
Type	12:41	0.135	6.00	170	21.06	2.037	5.73	1.02	163.00			
EQUIPMENT DOCUMENTATION TYPE OF PUMP WALER SINCO BLADDER X SILLCONE X HIGH DENSITY POLYETHYLENE DTHER TYPE OF MATER QUALITY METER X YSI 0550 MPS W/FLOW CELL X GEOTICH INTERFACE METER SOLINIST WATER METER TOTHER ANALYTICAL PARAMETERS TB 8e Collicids METHOD PRESENVATION PRES								_				
TYPE OF PUMP	12:45	0.090	6.20	170	21.14	2.018	5.70	0.97	177.40	-	11.9	
TYPE OF PUMP										+		
TYPE OF PUMP												
TYPE OF PUMP												
TYPE OF PUMP												
TYPE OF PUMP	FOLUDIA	NT DOC	IMENITATION									
SIMCO BLADDER GEOPUMP PERISTALTIC PUMP ANALYTICAL PARAMETERS To Be Collected METHOD BEQUIRED OTHER METHOD BEQUIRED COLLECTED OLIP ADEG. C VI A 1 MOS to pH +2 VOC SOURCE SOU		OF PUMP	JIVIENTATION				_					
NALLYTICAL PARAMETERS To be Collected NUMBER NUMBER METHOD REQUIRED COLLECTED			ADDER				Х					
To Be Collected METHOD PRESERVATION WOLUME SAMPLE COLLECTED NUMBER METHOD REQUIRED COLLECTED	Х	GEOPUMF	PERISTALTIC PI	JMP	OTHER			OTHER			OTH	HER
NUMBER METHOD REQUIRED COLLECTED			AMETERS					DDE0ED/4	- TION		(OLUME	044171.5
NOTES SVOC CLP 4 DEG. C 2 X1 LAG X SVOC X TAL INORGANICS CLP HN03 to pH <2 X1 LP X1 LIP X1 LINORGANICS TAL INORGANICS CLP HN03 to pH <2 X1 LP X1 LIP X1 LINORGANICS TAL INORGANICS CLP HN03 to pH <2 X1 LP X1 LIP X1 LINORGANICS CLP HN03 to pH <2 X1 LP X1 LIP X1 LINORGANICS CLP HN03 to pH <2 X1 LP X1 LIP X1 LINORGANICS X1 LP X									ATION			COLLECTED
VOC	JARD					В			:G. C			
VOC	TAND	X TAL	INORGANICS		CLP			HNO3 to ph			1 X1LP	X TAL INORGANICS
VOC 8260B HCL / 4 DEG. C X 40 mL VOC SVOC CLP 4 DEG. C X1 LAG SVOC TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS (FILTEIN VOC 8260B HCL / 4 DEG. C X40 mL VOC SVOC CLP HN03 to pH <2 X1 LP TAL INORGANICS (FILTEIN VOC X40 mL VOC X4												
VOC 8260B HCL / 4 DEG. C X 40 mL VOC SVOC CLP 4 DEG. C X1 LAG SVOC TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS (FILTEIN VOC 8260B HCL / 4 DEG. C X40 mL VOC SVOC CLP HN03 to pH <2 X1 LP TAL INORGANICS (FILTEIN VOC X40 mL VOC X4	LICA								١~٥			
SVOC TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS CLP TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS (FILTER VOC SVOC CLP TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS SVOC TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS TAL INORGANICS CLP TAL INORGANICS COMMENTS Cloudy, High Turbidity NOTES All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required	DUP											TAL INORGANICS (FILTERED)
TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS (FILTER VOC 8260B HCL / 4 DEG. C X40 mL VOC SVOC CLP 4 DEG. C X1 LA SVOC CLP HN03 to pH <2 X1 LP TAL INORGANICS (FILTER VOC A DEG. C X1 LA SVOC TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS TAL INORGANICS TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS TAL INORGANICS (FILTER COMMENTS COMMENTS Cloudy, High Turbidity NOTES All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required									:G. C			
VOC S260B VOC SVOC CLP ADEG. C X1 LAG SVOC TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS FILTER PURGE OBSERVATIONS COMMENTS COMMENTS COMMENTS Cloudy, High Turbidity NOTES All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required	×	TAL	INORGANICS		CLP			HNO3 to ph			X 1 LP	TAL INORGANICS
SVOC TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS TAL INORGANICS TAL INORGANICS CLP TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS (FILTER TOWNS COMMENTS Cloudy, High Turbidity NOTES All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required												
TAL INORGANICS CLP HNO3 to pH <2 X 1 LP TAL INORGANICS (FILTER PURGE OBSERVATIONS COMMENTS COMMENTS Cloudy, High Turbidity NOTES All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required	USD								10			
PURGE WATER CONTAINERIZED YES X NO GENERATED NOTES All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required												TAL INORGANICS (FILTERED)
CONTAINERIZED YES X NO GENERATED 1.033 NOTES All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required	PURGE (DBSERVA	TIONS					COMMENT	S			
NOTES All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required			YES X	NO T		ALLONS 1.033		Cloudy, Hig	h Turbidity			
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required	_	INIZED	TEO X		CENTERVILED							
Thomas O. Wagn	All equipme				0							
And the second of the second o			1/1	-								
SIGNITURE:	SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					000
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_MV	V-E07_0912	7	OSC
WELL ID		MW-E0)7		SAMPLE EVENT		AREA.E_30	Q2012		SPECIALTY CONTRACTING, INC. 9/11/2012
TIME	START	1:25 PM	3:1: END	5 PM	JOB NUMBER		0913OM	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	UMP SETTING	s		MEASUREMENT POIN	IT			NAPL F	REMOVAL METHOD
STATIC D		7.40	FT		X TOP OF WELL R TOP OF PROTEC		SING		P	AILER ERISTALTIC PUMP BSORBENT SOCK
	WELL EPTH	14.0	FT		MEASUREMENT POINT ELEVATION		587.05	FASL	DEPTH TO NA NON DETECT (N	NI) FI
DIAM	WELL ETER	2.0	IN		CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL		2.25	IN	NAPL V REMOV	
	REEN NGTH	10.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	VOL. RGED	0.856	GAL		TIME OF SAMPLE COLLECTION		2:10 PM	М		
PURGE I					SPECIFIC					
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m		CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	(ORP)	COMMENTS
13:42 13:45	0.143	7.86 7.94	180 180	21.08	1.553 1.552	6.15	1.06 0.91	10.81 12.47	-48.9 -48.3	
13:47	0.095	8.03	180	21.19	1.550	6.05	0.87	14.85	-44.2	
13:51	0.190	8.11	180	21.35	1.554	6.01	0.84	20.64	-37.2	
13:53	0.095	8.18	180	21.34	1.488	5.93	0.82	32.49	-20.1	
13:55	0.095	8.29	180	21.47	1.389	5.79	0.77	29.24	1.8	
13:57	0.095	8.35	180	21.63	1.352	5.72	0.77	21.73	5.2	
14:00	0.143	8.42	180	21.61	1.330	5.70	0.79	16.68	12.0	
FOLIPM	ENT DOC	JMENTATION								
	OF PUMP			TYPE OF TUBI		_		R QUALITY N		DF WATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X SILICON X HIGH DE	E NSITY POLYETHYLENE	X		PS W/ FLOW 50 W/ FLOW		EOTECH INTERFACE METER OLINST WATER METER
Х	GEOPUMF	PERISTALTIC PI	JMP	OTHER			OTHER			THER
		AMETERS								
To Be Collec	ed				THOD MBER		PRESERVA METHOD	ATION	VOLUME REQUIRED	SAMPLE COLLECTED
RD	X VOC			826			HCL / 4 DE	G. C	3 X 40 mL	X VOC
STANDARD	X SVO	U INORGANICS		CLI CLI			4 DEG. C HNO3 to ph	H <2	2 X1LAG 1 X1LP	X SVOC X TAL INORGANICS
		INORGANICS		CLI			HNO3 to ph		X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE	X VOC			826 CLI			HCL / 4 DE 4 DEG. C	G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC
J-P		INORGANICS		CLI			HNO3 to ph		1 X1LP	X TAL INORGANICS
	X VOC	INORGANICS		CLI 826			HNO3 to ph HCL / 4 DE		X 1 LP 3 X 40 mL	TAL INORGANICS (FILTERED) X VOC
S N	X SVO			CLI			4 DEG. C		2 X1LAG	X SVOC
		INORGANICS INORGANICS		CLI CLI			HNO3 to ph		1 X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	X VOC			826			HCL / 4 DE	G. C	3 X 40 mL	X VOC
MSD	X SVO	INORGANICS		CLI CLI			4 DEG. C HNO3 to ph	H <2	2 X1LAG 1 X1LP	X SVOC X TAL INORGANICS
	TAL	INORGANICS		CLI			HNO3 to ph	H <2	X 1 LP	TAL INORGANICS (FILTERED)
PURGE (OBSERVA	TIONS					COMMENT	s		
PURGE W		YES X	NO	NUMBER OF O	GALLONS 0.856					
NOTES					<u>-</u>	-				
All equipm		ner dedicated or de eate / field blank re		to						
		11	home O	Wagu	_					
SIGNITU	RF.		•							
SIGNITU	INE.									

FIELD	DATA	RECORD -	GROU	NDWAT	ER SA	AMPLING						Occ
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_	AREA.E_M\	W-E08_0912	2	ONTARIO S	OSC Specialty Contracting, Inc.
WELL ID		MW-E0)8			SAMPLE EVENT		AREA.E_30	Q2012			9/17/2012 9/17/2012
TIME	START	1:30 PM	END 1:	:40 PM		JOB NUMBER		0913ON	ИM		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		ſ	MEASUREMENT POIN						EMOVAL METHOD
STATIC D TO W		12.45	FT		ļ	X TOP OF WELL R TOP OF PROTEC		ING			PE	AILER :RISTALTIC PUMP SSORBENT SOCK
	WELL EPTH	13.0	FT			MEASUREMENT POINT ELEVATION		585.903	FASL		DEPTH TO NAI NON DETECT (N	ND FT
DIAM	WELL ETER	2.0	IN			CUP TO PROTECTIVE EIGHT DIFFERENTIAL		2.75	IN		NAPL VO REMOVE	
	REEN NGTH	10.0	FT	INTA		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL PUF	VOL. RGED		GAL			TIME OF SAMPLE COLLECTION						
PURGE I		DEDTUTO	DI ID OF			SPECIFIC		D100 00	TUDDIDI	T/ 1	DEDOV	1
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml		MP. g. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI [*] (ntu)	ΙY	REDOX (ORP)	COMMENTS
-				-								
										t		
										_		
FOLUDINI	NT DOC	JMENTATION										
	OF PUMP WAILER SIMCO BL			X SI	OF TUBING ILICONE IGH DENS	SITY POLYETHYLENE	X	YSI 556 MF	R QUALITY I PS W/ FLOW -50 W/ FLOV	V CELI	L X GE	F WATER LEVEL DEVICE EOTECH INTERFACE METER DLINST WATER METER
Х		PERISTALTIC PI	UMP		THER			OTHER			01	THER
ANALYT To Be Collect		AMETERS			METH	HOD		PRESERVA	ATION	,	VOLUME	SAMPLE
	VOC				NUME 8260E	<u>BER</u>		METHOD HCL / 4 DE			REQUIRED X 40 mL	COLLECTED VOC
STANDARI	svo	0			CLP	2		4 DEG. C			X 1 LAG	SVOC
STAN		NORGANICS NORGANICS			CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
CATE	VOC SVO				8260E CLP	3		HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC
DUPLICATE	TAL	NORGANICS			CLP			HNO3 to pl			X 1 LP	TAL INORGANICS
	VOC				CLP 8260E	3		HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S ⊠	SVO TAL	C INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL VOC	NORGANICS			CLP 8260E			HNO3 to pl	H <2		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
MSD	SVO	0			CLP	,		4 DEG. C			X 1 LAG	SVOC
2		NORGANICS NORGANICS			CLP CLP			HNO3 to pl			X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (DBSERVA	TIONS						COMMENT	rs			
PURGE W		YES X	NO	NUMBE GENER	R OF GA	LLONS						
NOTES							\exists					
		ner dedicated or deate / field blank re		or to								
		10	house C	Shap	m							
SIGNITU	RE:											

FIELD	DATA	RECORD -	GROU	NDWAT	ER SA	AMPLING						CCC
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_	AREA.E_M	W-E09_0912	2	ONTARIO S	OSC Specialty Contracting, Inc.
WELL ID		MW-E0)9			SAMPLE EVENT		AREA.E_30	Q2012			9/17/2012 AMPLE DATE
TIME	START	1:40 PM	END 1	:50 PM		JOB NUMBER		0913ON	ИМ		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		ľ	MEASUREMENT POIN						EMOVAL METHOD
STATIC D TO W		12.23	FT		ļ	X TOP OF WELL R TOP OF PROTEC		ING			PE	AILER ERISTALTIC PUMP BSORBENT SOCK
	VELL EPTH	13.0	FT			MEASUREMENT POINT ELEVATION		585.979	FASL		DEPTH TO NAI NON DETECT (N	ND FT
DIAM	VELL ETER	2.0	IN			CUP TO PROTECTIVE EIGHT DIFFERENTIAL		1.5	IN		NAPL VO REMOVE	
	REEN NGTH	10.0	FT	INTA		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL PUF	VOL. RGED		GAL			TIME OF SAMPLE COLLECTION						
PURGE I						SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml		MP. g. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI (ntu)	TY	REDOX (ORP)	COMMENTS
										_		
-				-								
EQUIPMI	NT DOC	JMENTATION										
TYPE	OF PUMP WAILER				OF TUBING	<u>3</u>	TYPI X	YSI 556 MI	R QUALITY PS W/ FLOW	METEI V CELI		F WATER LEVEL DEVICE EOTECH INTERFACE METER
X	SIMCO BL GEOPUMF	ADDER PERISTALTIC PI	UMP		IGH DENS	SITY POLYETHYLENE		HORIBA U OTHER	-50 W/ FLOV	V CEL		DLINST WATER METER THER
ANALYT	CAL PAR	AMETERS						4				
To Be Collect	ed				METH NUME			PRESERVA METHOD	ATION		OLUME REQUIRED	SAMPLE COLLECTED
4RD	VOC				8260E			HCL / 4 DE	G. C	•	X 40 mL	voc
STANDAR	SVO TAL	NORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL VOC	NORGANICS			CLP 8260E	3		HNO3 to pl			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
DUPLICATE	SVO	0			CLP			4 DEG. C			X 1 LAG	svoc
DUP		NORGANICS NORGANICS			CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC SVO				8260E CLP	3		HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC
Σ S	TAL INORGANICS CLP								H <2		X 1 LAG	TAL INORGANICS
	TAL VOC	NORGANICS			CLP 8260E	3		HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
MSD	SVO	0			CLP			4 DEG. C			X 1 LAG	svoc
2		NORGANICS NORGANICS			CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (BSERVA	TIONS						COMMENT	rs			
PURGE W		YES X	NO T	NUMBE GENER	R OF GA	LLONS						
NOTES		.20 1		SEITE								
All equipme		ner dedicated or deate / field blank re		or to								
		10	house C	Shap	in							
SIGNITU	RE:					<u>—</u>						

FIELD	DATA	RECORD -	GROU	NDWATE	R SA	MPLING						CCC
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_	AREA.E_M\	W-E10_0912	2	ONTARIO S	PECIALTY CONTRACTING, INC.
WELL ID		MW-E1	10			SAMPLE EVENT		AREA.E_30	Q2012			9/17/2012 MPLE DATE
TIME	START	1:50 PM	END 2	:00 PM		JOB NUMBER		0913ON	ИМ		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		Г	MEASUREMENT POIN						MOVAL METHOD
STATIC D TO W		13.65	FT		ļ	X TOP OF WELL R TOP OF PROTEC		ING			PEI	LER RISTALTIC PUMP SORBENT SOCK
	WELL EPTH	13.5	FT			MEASUREMENT POINT ELEVATION		586.34	FASL		DEPTH TO NAP NON DETECT (NE	ND FT
DIAM	WELL ETER	2.0	IN			UP TO PROTECTIVE		2	IN		NAPL VOI REMOVE	
	REEN NGTH	9.9	FT	INTAC		ROTECTIVE CASING ROPERLY SECURED	YES	X NO				
TOTAL PUF	VOL. RGED		GAL			TIME OF SAMPLE COLLECTION						
PURGE I		DEDTUTO	DUDOS		15 I	SPECIFIC		D100 00	TURNIN	T .(DEDOV	Ī
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml			CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI (ntu)	ΙΥ	REDOX (ORP)	COMMENTS
-												
FOLUDINI	NT DOC	JMENTATION										
	OF PUMP WAILER SIMCO BL			X SIL	TUBING LICONE 3H DENS	SITY POLYETHYLENE	TYPI X	YSI 556 MF	R QUALITY PS W/ FLOV -50 W/ FLOV	V CEL	L X GE	WATER LEVEL DEVICE OTECH INTERFACE METER LINST WATER METER
Х	GEOPUMF	PERISTALTIC PI	UMP	ОТ	HER			OTHER			ОТІ	HER
ANALYT To Be Collect		AMETERS			METH			PRESERVA	ATION		VOLUME	SAMPLE
G G	VOC				NUME 8260E			METHOD HCL / 4 DE	G. C		REQUIRED X 40 mL	<u>COLLECTED</u> VOC
STANDAR	SVO	C INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	NORGANICS			CLP			HNO3 to pl	H <2		X 1 LP	TAL INORGANICS (FILTERED)
ICATE	VOC SVO				8260E CLP	•		HCL / 4 DE 4 DEG. C			X 40 mL X 1 LAG	VOC SVOC
DUPLICATE		NORGANICS NORGANICS			CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC				8260E	s		HCL / 4 DE 4 DEG. C			X 40 mL X 1 LAG	VOC SVOC
MS	SVOC CLP TAL INORGANICS CLP								H <2		X 1 LP	TAL INORGANICS
	TAL VOC	NORGANICS			CLP 8260B	.		HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
MSD	SVO	C INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
		NORGANICS			CLP			HNO3 to pl			X1LP	TAL INORGANICS (FILTERED)
PURGE (BSERVA	TIONS						COMMENT	rs			
PURGE W		YES X	NO	NUMBER GENERA	R OF GAI ATED	LLONS						
		ner dedicated or deate / field blank re		or to								
		1/1	house C	Shap	u							
SIGNITU	RE:											

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	ВС	C_AREA.E_F	R-10_0912	ONITAE	NO SPI	ecialty Contracting, Inc.
WELL ID		R-10			SAMPLE EVENT		AREA.E_30	Q2012	ONTAR		PLE DATE 9/13/2012
TIME	START	9:05 AM	10:10 END) AM	JOB NUMBER		0913OM	1M	SAM	IPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT				APL REM	MOVAL METHOD
STATIC D	EPTH	0.05	FT		X TOP OF WELL R TOP OF PROTEC		SING			BAIL PERI	ER ISTALTIC PUMP
TO W		9.35	FT		OTHER						ORBENT SOCK
D	WELL EPTH	18.0	FT		MEASUREMENT POINT ELEVATION		588.784	FASL	DEPTH T NON DETE	ECT (ND)	NI) FI
DIAM	WELL ETER	3.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL		1	IN		APL VOL. EMOVED	GAL
	REEN NGTH	Unknown	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL		0.618	GAL		TIME OF SAMPLE COLLECTION		9:30 AI	м			
PURGE I					SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Y REDC		COMMENTS
9:20	/	9.85	180	17.86	0.994	7.71	2.56	14.86	-163.	•	
9:22	0.095	9.91	180	17.75	0.948	7.69	2.23	15.19	-167.		
9:25 9:27	0.143 0.095	9.96 10.00	180 180	17.64 17.51	0.950 0.953	7.66 7.68	1.96 1.78	15.18 15.69	-171. ⁻		
9:29	0.095	10.00	180	17.37	0.953	7.65	1.63	13.52	-171.		
9:31	0.095	10.10	180	17.33	0.959	7.65	1.59	14.90	-173.		
9:33	0.095	10.14	180	17.24	0.961	7.67	1.54	14.15	-174.	6	
FOLUDIA	NT DOC	IMENITATION									
	OF PUMP	JMENTATION		TYPE OF TUBIN		_		R QUALITY M			WATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X SILICONE X HIGH DEN	SITY POLYETHYLENE	Х	_	PS W/ FLOW -50 W/ FLOW	_		TECH INTERFACE METER INST WATER METER
Х	GEOPUMF	PERISTALTIC PI	JMP	OTHER			OTHER			ОТН	ER
ANALYT To Be Collect		AMETERS					DDE0ED!		VOLUME		OANE E
				MET <u>NUM</u>			PRESERVA METHOD		VOLUME REQUIRED		SAMPLE COLLECTED
JARD	X VOC			8260 CLP			HCL / 4 DE 4 DEG. C	:G. C	3 X 40 mL 2 X 1 LAG		X VOC X SVOC
STANDAR	X TAL	INORGANICS INORGANICS		CLP CLP			HNO3 to ph		1 X1LP X1LP		X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			8260	В		HCL / 4 DE		X 40 ml		VOC
DUPLICATE	SVO TAL	C INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2	X1LAC X1LP	3	SVOC TAL INORGANICS
na	TAL VOC	INORGANICS		CLP 8260			HNO3 to ph		X 1 LP X 40 ml		TAL INORGANICS (FILTERED) VOC
SE	SVO	С		CLP			4 DEG. C		X 1 LAC		SVOC
		INORGANICS INORGANICS		CLP CLP			HNO3 to pl		X1LP X1LP		TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG		VOC SVOC
MSD	TAL	INORGANICS		CLP			HNO3 to ph		X 1 LP	•	TAL INORGANICS
		INORGANICS		CLP			HNO3 to ph		X 1 LP		TAL INORGANICS (FILTERED)
PURGE (DBSERVA	TIONS					COMMENT	S			
PURGE W CONTAINE		YES X	NO	NUMBER OF GA GENERATED	ALLONS 0.618						
NOTES											
		ner dedicated or de eate / field blank re		0							
		11	house S	Wagu							
CIONIT'	DE:	1/-		Ju							
SIGNITU	KE:										

FIELD	DATA	RECORD -	GROUN	DWATER SA	AMPLING					020
PROJECT		Buffalo Color C	orporation		SAMPLE ID	ВС	C_AREA.E_F	R-11_0912	ONTARIO	SPECIALTY CONTRACTING, INC.
WELL ID		R-11			SAMPLE EVENT		AREA.E_30	Q2012		SAMPLE DATE 9/13/2012
TIME	START	7:40 AM	9:00 END	AM	JOB NUMBER		0913OM	1M	SAMPLE	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT			NAPL	REMOVAL METHOD
STATIC D	EPTH	0.04	FT		X TOP OF WELL R TOP OF PROTEC		SING			BAILER PERISTALTIC PUMP
TO W		9.34	FT		OTHER					ABSORBENT SOCK
D	WELL EPTH	17.3	FT		MEASUREMENT POINT ELEVATION		586.356	FASL	DEPTH TO N	(ND)
DIAM	WELL ETER	3.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL		2.5	IN	NAPL Y REMO	
	REEN NGTH	Unknown	FT		PROTECTIVE CASING PROPERLY SECURED	VEC	X NO	_		
TOTAL	VOL.	0.647	GAL	INTACTAND	TIME OF SAMPLE		8:30 AI	и		
	RGED				COLLECTION					
PURGE I	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Y REDOX (ORP)	COMMENTS
8:12	(3*)	9.40	175	18.99	0.746	7.66	2.83	15.34	-5.3	
8:15	0.139	9.47	175	19.02	0.746	7.69	2.29	13.03	-21.8	
8:17 8:20	0.092 0.139	9.57 9.66	175 175	19.03 19.03	0.746 0.746	7.71 7.73	2.02 1.87	10.83 13.80	-45.9 -61.1	
8:22	0.092	9.76	175	19.05	0.746	7.72	1.73	13.06	-59.7	
8:24	0.092	9.88	175	19.08	0.747	7.73	1.60	12.29	-47.9	
8:26	0.092	9.98	175	19.10	0.747	7.75	1.61	12.05	-43.2	
-										
	ENT DOCU	JMENTATION		TYPE OF TUBIN	G	TYP	E OF WATE	R QUALITY M	METER TYPE	OF WATER LEVEL DEVICE
	WAILER	ADDED		X SILICONE	SITY POLYETHYLENE	X	YSI 556 MF	S W/ FLOW	CELL X	GEOTECH INTERFACE METER SOLINST WATER METER
Х	SIMCO BL GEOPUMF	PERISTALTIC P	JMP	OTHER	SIIT POLTEINTLENE		OTHER	:50 W/ FLOW		OTHER
		AMETERS								
To Be Collect				METI NUM			PRESERVA METHOD	ATION	VOLUME REQUIRED	SAMPLE <u>COLLECTED</u>
ARD	X VOC			8260 CLP	В		HCL / 4 DE 4 DEG. C	G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC
STANDAR	X TAL	INORGANICS		CLP			HNO3 to ph		1 X1LP	X TAL INORGANICS
	VOC	INORGANICS		CLP 8260	В		HNO3 to pl HCL / 4 DE		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
DUPLICATE	SVO TAL	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS
na	TAL VOC	INORGANICS		CLP 8260	D		HNO3 to ph		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
SE	SVO	С		CLP			4 DEG. C		X 1 LAG	SVOC
		INORGANICS INORGANICS		CLP CLP			HNO3 to pl		X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC SVO			8260 CLP	В		HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG	VOC SVOC
MSD	TAL	INORGANICS INORGANICS		CLP CLP			HNO3 to ph		X 1 LP	TAL INORGANICS
DUDGE (CLP			HNO3 to ph		X 1 LP	TAL INORGANICS (FILTERED)
PURGE W	DBSERVA ATER			NUMBER OF GA	ALLONS 0.647			o mall dark flake	es	
CONTAINE	RIZED	YES X	NO	GENERATED	0.047					
		ner dedicated or deate / field blank re		0						
		110	home OS	Wagu	_					
SIGNITU	RE:									

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	C_AREA.E_R	FI-17_0912	ONTARIO SE	ECIALTY CONTRACTING, INC.
WELL ID		RFI-17	7		SAMPLE EVENT		AREA.E_30	Q2012		9/13/2012
TIME	START	11:00 AM	11:5 END	0 AM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	UMP SETTING	s		MEASUREMENT POIN	IT			NAPL REM	MOVAL METHOD
STATIC D		10.43	FT		X TOP OF WELL R TOP OF PROTEC		SING			.ER ISTALTIC PUMP ORBENT SOCK
\	WELL EPTH	12.0	FT		MEASUREMENT POINT ELEVATION		585.815	FASL	DEPTH TO NAPL	ND FT
	WELL	2.0	IN		CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL		2.5	IN	NAPL VOL	GAL
SCI	REEN NGTH	5.0	FT	WELL	PROTECTIVE CASING PROPERLY SECURED	VES	X NO		NEWOVEE	
TOTAL		0.338	GAL	111710171112	TIME OF SAMPLE COLLECTION		11:30 A	М		
PURGE I					SPECIFIC					
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT` (ntu)	(REDOX (ORP)	COMMENTS
11:19		10.93	160	16.72	1.120	6.68	2.31	6.64	150.7	
11:21	0.085 0.085	11.01 11.09	160 160	16.64 16.62	1.119 1.120	6.51	1.98 1.81	6.15 5.21	114.4 89.4	
11:25	0.085	11.16	160	16.63	1.119	6.31	1.68	5.27	72.6	
11:27	0.085	11.25	160	16.76	1.118	6.27	1.67	3.38	63.4	
							1			
	OF PUMP WAILER	JMENTATION		TYPE OF TUBI		TYP X	YSI 556 MF	R QUALITY M PS W/ FLOW	CELL X GEC	WATER LEVEL DEVICE TECH INTERFACE METER
Х	SIMCO BL GEOPUMF	ADDER PERISTALTIC PI	UMP	X HIGH DE OTHER	NSITY POLYETHYLENE		HORIBA U- OTHER	-50 W/ FLOW	CELL SOL OTH	INST WATER METER ER
		AMETERS								
To Be Collect	ed				THOD MBER		PRESERVA METHOD	ATION	VOLUME REQUIRED	SAMPLE COLLECTED
ARD	X VOC			826 CLF			HCL / 4 DE 4 DEG. C	G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC
STANDAR	X TAL	INORGANICS		CLF	•		HNO3 to pl		1 X1LP	X TAL INORGANICS
	VOC			CLF 826	0B		HNO3 to pl HCL / 4 DE		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
DUPLICATE	SVO TAL	C INORGANICS		CLF CLF			4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS
70	TAL VOC	INORGANICS		CLF 826			HNO3 to pl		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S	SVO	С		CLF	•		4 DEG. C		X 1 LAG	svoc
	TAL	INORGANICS INORGANICS		CLF CLF			HNO3 to pl	H <2	X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
Q	VOC SVO			826 CLF			HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG	VOC SVOC
MSD		INORGANICS INORGANICS		CLF CLF			HNO3 to pl		X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (DBSERVA			02.		T	COMMENT		7.12	THE INTERIOR (ITELENCES)
PURGE W	ATER	YES X	NO 🗔	NUMBER OF G	ALLONS 0.338		COMMENT	Ü		
_	INIZEU	ieo X	140	GENERATED		-				
		ner dedicated or deate / field blank re		0						
		11	home O.	Wagun	_					
SIGNITU	RE:									

FIELD	DATA	RECORD -	GROUN	DWATER S	SAMPLING					222
PROJECT		Buffalo Color C	orporation		SAMPLE ID	всс	_AREA.E_R	FI-29_0912	7	PECIALTY CONTRACTING, INC.
WELL ID		RFI-29	9		SAMPLE EVENT		AREA.E_30	Q2012		PLE DATE 9/12/2012
TIME	START	11:00 AM	11:5 END	D AM	JOB NUMBER		0913OM	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	UMP SETTING	s		MEASUREMENT POIN					MOVAL METHOD
STATIC D		4.90	FT		X TOP OF WELL R TOP OF PROTEC		SING			LER RISTALTIC PUMP SORBENT SOCK
	WELL EPTH	14.0	FT		MEASUREMENT POINT ELEVATION		585.691	FASL	DEPTH TO NAPL NON DETECT (ND	ND FI
DIAM	WELL ETER	2.0	IN		CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL		4.38	IN	NAPL VOL REMOVED	
	REEN NGTH	5.0	FT		L PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	VOL. RGED	0.476	GAL		TIME OF SAMPLE COLLECTION		11:25 A	М		
PURGE I		DEDTU TO	DURGE	1 7545	SPECIFIC		I pion on I	TUDDIDIT	, I prov	1
TIME 11:12	VOL. (gal)	DEPTH TO WATER (ft) 5.26	PURGE RATE (ml/m 150	TEMP. (deg. C) 22.02	CONDUCTANCE (ms/cm)	pH (units) 7.47	DISS O2. (mg/L)	TURBIDIT (ntu) 0.11	(REDOX (ORP) -161.1	COMMENTS
11:15	0.119	5.26	150	22.02	1.148 1.146	7.47	0.95	0.11	-173.2	
11:18	0.119	5.28	150	22.07	1.145	7.41	0.81	0.44	-185.7	
11:21	0.119	5.30	150	22.05	1.144	7.40	0.72	1.13	-189.4	
11:24	0.119	5.31	150	21.92	1.142	7.39	0.64	0.56	-186.7	
-	-									
1										
									+	
	OF PUMP	UMENTATION		TYPE OF TUB				R QUALITY M		WATER LEVEL DEVICE
I -	WAILER SIMCO BL	ADDER		X SILICON X HIGH DI	IE ENSITY POLYETHYLENE	X		PS W/ FLOW -50 W/ FLOW		OTECH INTERFACE METER LINST WATER METER
Х	GEOPUMP	PERISTALTIC PI	JMP	OTHER			OTHER		OTH	IER
		AMETERS								
To Be Collect	ed				ETHOD I <u>MBER</u>		PRESERVA METHOD	ATION	VOLUME <u>REQUIRED</u>	SAMPLE COLLECTED
ARD	X VOC			82 CL	60B P		HCL / 4 DE 4 DEG. C	G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC
STANDARD	X TAL	INORGANICS		CL	P		HNO3 to ph		1 X1LP	X TAL INORGANICS
	VOC	INORGANICS		CL 82	P 60B		HNO3 to pH HCL / 4 DE		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
DUPLICATE	SVO	C INORGANICS		CL CL			4 DEG. C HNO3 to ph	1 < 2	X 1 LAG X 1 LP	SVOC TAL INORGANICS
ng.	TAL	INORGANICS		CL	P		HNO3 to ph	H <2	X 1 LP	TAL INORGANICS (FILTERED)
S	VOC SVO			82 CL	60B P		HCL / 4 DE 4 DEG. C	:G. C	X 40 mL X 1 LAG	VOC SVOC
Σ		INORGANICS INORGANICS		CL CL			HNO3 to pH		X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			82	60B		HCL / 4 DE		X 40 mL	VOC
MSD	SVO TAL	C INORGANICS		CL CL			4 DEG. C HNO3 to ph	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS		CL	Р		HNO3 to ph	H <2	X 1 LP	TAL INORGANICS (FILTERED)
PURGE (OBSERVA	TIONS					COMMENT	S		
PURGE W		YES X	NO	NUMBER OF GENERATED	GALLONS 0.476					
NOTES										
		her dedicated or de eate / field blank re	equired							
		10	home O.	Wagn	_					
SIGNITU	RE:									

VOC	FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					6,56
WELLID	PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_R	FI-32_0912	ONTARIO SI	
MARTER LEVEL PAMP SETTINGS	WELL ID		RFI-32	2		SAMPLE EVENT		AREA.E_30	Q2012		9/12/2012
STATIC CEPTIT To APPR	TIME	START	11:50 AM	12:4 END	5 PM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)
STATIO DEPTH	WATER	LEVEL / F	PUMP SETTING	S							
DEPTH			7.85	FT		TOP OF PROTEC		SING		PEF	RISTALTIC PUMP
DAMETER 2.0 IN			13.0	FT				586.621	FASL		I ND FI
LENGTH			2.0	IN				2	IN		
PURGE DATA COLLECTION T2.00 PURGE DATA CONDUCTANCE CONDUCTAN			5.0	FT			YES	X NO			
Table			0.423	GAL				12:20 P	M		
TME	PURGE		•							. 1	
12:08			WATER (ft)	RATE (ml/m) (deg. C)	(ms/cm)	(units)	(mg/L)	(ntu)	(ORP)	COMMENTS
12-11 0.127 10.10 160 17.81 2.122 6.20 1.19 2.11 28.1	I	0.085			-						
12:15	I	+			-						
EQUIPMENT DOCUMENTATION TYPE OF TUBING WALLER WALL	12:14	0.127	10.43	160	17.76	2.108	6.17	0.93	2.00	25.5	
TYPE OF PUMP WALLER SIMCO BLADDER SIMCO BLAD	12:16	0.085	10.60	160	18.82	2.088	6.17	0.79	1.54	22.9	
TYPE OF PUMP WALLER SIMCO BLADDER SIMCO BLAD					_						
TYPE OF PUMP WALLER SIMCO BLADDER SIMCO BLAD											
TYPE OF PUMP WALLER SIMCO BLADDER SIMCO BLAD											
TYPE OF PUMP WALLER SIMCO BLADDER SIMCO BLAD											
TYPE OF PUMP WALLER SIMCO BLADDER SIMCO BLAD											
TYPE OF PUMP WALLER SIMCO BLADDER SIMCO BLAD											
TYPE OF PUMP WALLER SIMCO BLADDER SIMCO BLAD											
TYPE OF PUMP WALLER SIMCO BLADDER SIMCO BLAD											
NALYTICAL PARAMETERS To be Collected NUMBER Numbe	TYP	E OF PUMP WAILER SIMCO BL	ADDER		X SILICON X HIGH DE	<u> </u>		YSI 556 MF HORIBA U-	PS W/ FLOW	CELL X GEO	OTECH INTERFACE METER LINST WATER METER
To Be Collected	Х	GEOPUMF	PERISTALTIC PI	UMP	OTHER			OTHER		ОТІ	HER
VOC 8260B HCL / 4 DEG. C X 40 mL VOC SYOC CLP 4 DEG. C X1 LAG SYOC TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS (FILTERED VOC 8260B HCL / 4 DEG. C X 40 mL VOC SYOC CLP 4 DEG. C X 40 mL VOC SYOC SYOC CLP HN03 to pH <2 X1 LP TAL INORGANICS (FILTERED TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS TAL INORGANICS CLP HN03 to pH <2 X1 LP TAL INORGANICS PURGE OBSERVATIONS COMMENTS NOTES All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required	To Be Collect	X VOC X SVO	C INORGANICS		<u>NU</u> 826 CLI CLI	MBER 0B o		METHOD HCL / 4 DE 4 DEG. C HNO3 to ph	:G. C -l <2	REQUIRED 3 X 40 mL 2 X 1 LAG 1 X 1 LP	COLLECTED X VOC X SVOC
PURGE WATER CONTAINERIZED YES X NO GENERATED NOTES All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required	WS	SVO TAL TAL VOC SVO TAL TAL VOC SVO TAL TAL VOC SVO TAL	C INORGANICS INORGANICS C INORGANICS INORGANICS INORGANICS INORGANICS C INORGANICS		CLI CLI CLI CLI CLI B25C CLI CLI	00 00 00 00 00 00 00 00 00 00 00 00 00		4 DEG. C HNO3 to ph HNO3 to ph HCL / 4 DE 4 DEG. C HNO3 to ph HNO3 to ph HCL / 4 DE 4 DEG. C HNO3 to ph	1 < 2 1 < 2 1 G. C 1 < 2 1 < 2 1 G. C	X1LAG X1LP X1LP X40 mL X1LAG X1LP X1LP X40 mL X1LAG X1LP	SVOC TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC SVOC
PURGE WATER CONTAINERIZED YES X NO GENERATED NOTES All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required	PURGE						T				<u> </u>
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required	PURGE W	/ATER		NO		GALLONS 0.423					
1 Muse C. Wagn	All equipm		eate / field blank re	equired							
SIGNITURE:	SIGNITI	JRE:	1/1	mus O	Wagu	-					

FIFI D	DATA	RECORD -	GROUN	DWATER S	AMPI ING					
		Buffalo Color C				BCC	C_AREA.E_R	FI-33 0912	1	OSC
PROJECT WELL ID		RFI-33			SAMPLE ID		AREA.E_30			PECIALTY CONTRACTING, INC. 9/13/2012
WELLID		12:00 PM	1:00	PM	SAMPLE EVENT		0913OM	1M	<u> </u>	Tom Wagner (TW)
TIME	START		END		JOB NUMBER		00.00.		SAMPLER	·
STATIC D	EPTH	3.72	S FT		X TOP OF WELL R TOP OF PROTEC	RISER	SING		BAIL PER	ISTALTIC PUMP
TO W	WELL	12.0	FT		OTHER MEASUREMENT		583.17	FASL	DEPTH TO NAPL	ORBENT SOCK ND FT
	EPTH WELL			WELL STIC	POINT ELEVATION				NON DETECT (ND)	
DIAM	ETER	2.0	IN	CASING H	EIGHT DIFFERENTIAL		Ground leve	I IN	REMOVED	(-Δ)
	REEN NGTH	5.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	S X NO			
TOTAL PUF	VOL. RGED	0.507	GAL		TIME OF SAMPLE COLLECTION		12:30 P	М		
PURGE I	DATA VOL.	DEPTH TO	PURGE	TEMP.	SPECIFIC CONDUCTANCE	pН	DISS O2.	TURBIDITY	REDOX	
TIME	(gal)	WATER (ft)	RATE (ml/m) (deg. C)	(ms/cm)	(units)	(mg/L)	(ntu)	(ORP)	COMMENTS Claviah calar partials
12:15 12:17	0.085	4.36 4.75	160 160	21.36 21.37	2.354 2.193	6.65	2.14	9.46	-60.8 -58.6	Clayish color particles
12:19	0.085	5.00	160	21.39	2.026	6.64	1.82	17.22	-59.9	
12:21	0.085	5.11	160	21.40	1.896	6.67	1.68	17.74	-60.9	
12:23	0.085	5.29	160	21.50	1.390	6.78	2.05	23.14	-58.3	
12:25	0.085	5.47	160	21.53	1.198	6.79	2.43	29.55	-51.6	
12:27	0.085	5.62	160	21.54	1.141	6.78	2.60	28.27	-40.7	
EOLIIDMI	ENT DOC	JMENTATION								
	OF PUMP			TYPE OF TUBI				R QUALITY MET		WATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X SILICONE X HIGH DEN	SITY POLYETHYLENE	X		PS W/ FLOW CE 50 W/ FLOW C		OTECH INTERFACE METER INST WATER METER
Х	GEOPUMP	PERISTALTIC PI	JMP	OTHER			OTHER		ОТН	ER
ANALYT To Be Collect		AMETERS			THOD MBER		PRESERVA METHOD	ATION	VOLUME REQUIRED	SAMPLE COLLECTED
8	X VOC			826	OB .		HCL / 4 DE	G. C	3 X 40 mL	X VOC
STANDARD	X SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	1<2	2 X1LAG 1 X1LP	X SVOC X TAL INORGANICS
	TAL	INORGANICS		CLP			HNO3 to ph	H <2	X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE	VOC SVO			826 CLF			HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG	VOC SVOC
JANC		INORGANICS INORGANICS		CLP CLP			HNO3 to pl		X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			826)B		HCL / 4 DE		X 40 mL	VOC
MS W	SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	1<2	X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS		CLP			HNO3 to ph	H <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD	VOC SVO			826 CLP		HCL / 4 DEG. C				
ž		INORGANICS INORGANICS		CLP CLP			HNO3 to pl		X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (DBSERVA			-			COMMENT			,
PURGE W		YES X	NO NO	NUMBER OF G GENERATED	ALLONS 0.507		Clayish col	or particles		
NOTES										
All equipme		ner dedicated or d		0						
arrival on s	ite. No rinse	eate / field blank re	-	var san						
		11	mus OS	Wagn	_					
SIGNITU	RE:									
51511110										

FIELD	DATA	RECORD -	GROUN	IDWATER S	AMPLING						OCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_R	FI-51_0912	\neg	ONTABIO SE	DECIALTY CONTRACTING, INC.
WELL ID		RFI-5	1		SAMPLE EVENT		AREA.E_30	Q2012			9/11/2012 9/11/2012
TIME	START	3:20 PM	4:1 END	5 PM	JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN						MOVAL METHOD
STATIC D		5.63	FT		X TOP OF WELL R TOP OF PROTEC		SING				LER RISTALTIC PUMP RORBENT SOCK
\	WELL EPTH	14.0	FT		MEASUREMENT POINT ELEVATION		586.956	FASL		DEPTH TO NAPL	ND FT
	WELL	2.0	IN		KUP TO PROTECTIVE		2	IN		NAPL VOL	. GAI
	REEN NGTH	5.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL PUF	VOL. RGED	0.338	GAL		TIME OF SAMPLE COLLECTION		3:48 PI	М			
PURGE D	DATA				SPECIFIC	<u>-</u>					
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/n	TEMP. n) (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Y	REDOX (ORP)	COMMENTS
15:40	0.005	7.40	160	19.62	3.956	6.51	0.56	30.25	_	-43.4	
15:42 15:44	0.085 0.085	7.30 7.40	160 160	19.55 19.49	3.963 3.971	6.49	0.52 0.49	27.36 26.79	+	-47.6 -51.9	-
15:46	0.085	7.45	160	19.45	3.982	6.47	0.50	28.69	+	-57.6	
15:48	0.085	7.55	160	19.40	3.993	6.48	0.50	28.12		-59.1	
-									_		
											<u> </u>
	ENT DOCU OF PUMP WAILER	JMENTATION		TYPE OF TUBIL		TYP X		R QUALITY N			WATER LEVEL DEVICE DTECH INTERFACE METER
	SIMCO BL			X HIGH DE	SITY POLYETHYLENE	Ê	HORIBA U-	-50 W/ FLOW		SOL	INST WATER METER
		PERISTALTIC PI	JMP	OTHER			OTHER			ОТН	ER
ANALYT To Be Collect		AMETERS		MET	THOD		PRESERVA	ATION	VOLU	JME	SAMPLE
	X VOC				MBER .		METHOD HCL / 4 DE		REQU	<u>JIRED</u> X 40 mL	X VOC
STANDAR	X SVO	2		CLP			4 DEG. C		2	X 1 LAG	X SVOC
		NORGANICS NORGANICS		CLP CLP			HNO3 to ph HNO3 to ph			X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
DUPLICATE	VOC SVO	?		826 CLP			HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC
UPLIC	TAL	NORGANICS		CLP			HNO3 to ph			X 1 LP	TAL INORGANICS
	VOC			CLP 826			HNO3 to ph HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
MS S	SVO TAL	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
		NORGANICS		CLF 826			HNO3 to ph	H <2		X1LP	TAL INORGANICS (FILTERED) VOC
MSD	SVO	0		CLP			4 DEG. C			X 40 mL X 1 LAG	SVOC
2		NORGANICS NORGANICS		CLP CLP			HNO3 to ph HNO3 to ph			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE C	DBSERVA	TIONS					COMMENT	s			
PURGE W.	ATER	YES X	NO 🗔	NUMBER OF G GENERATED	ALLONS 0.338						
_	INIZEU	IES X	140	GENERATED		-					
		ner dedicated or de ate / field blank re		to							
		1/1	home O.	Magu	_						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						Occ
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_	AREA.E_RF	I-PZ-16_0912		NTABIO SE	ecialty Contracting, Inc.
WELL ID		RFI-PZ-	16		SAMPLE EVENT		AREA.E_30	Q2012			9/12/2012
TIME	START	8:35 AM	9:30 END	AM	JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	UMP SETTING	s		MEASUREMENT POIN						MOVAL METHOD
STATIC D		14.40	FT		X TOP OF WELL R TOP OF PROTEC		SING				ISTALTIC PUMP
TO W	WELL	No Record	FT		OTHER MEASUREMENT		587.05	FASL	DI	ABS EPTH TO NAPL	ORBENT SOCK ND FT
	EPTH WELL			WELL STIC	POINT ELEVATION KUP TO PROTECTIVE				NON	NAPL VOL)
DIAM		2.0	IN		EIGHT DIFFERENTIAL PROTECTIVE CASING		1 above	IN		REMOVED	
LE	NGTH	Unknown	FT		PROPERLY SECURED	YES	X NO				
TOTAL PUF	. VOL. RGED	0.509	GAL		TIME OF SAMPLE COLLECTION		9:05 Al	М			
PURGE I	VOL.	DEPTH TO	PURGE	TEMP.	SPECIFIC CONDUCTANCE	рН	DISS O2.	TURBIDIT	Y	REDOX	1
8:52	(gal)	WATER (ft) 14.05	175) (deg. C) 21.03	(ms/cm) 1.297	(units) 6.59	(mg/L) 0.99	(ntu) 4.27		(ORP) 111.3	COMMENTS
8:55	0.139	14.05	175	21.01	1.301	6.61	0.93	7.52		88.5	
8:57 9:00	0.092	14.06 14.06	175 175	21.07 21.10	1.302 1.302	6.62	0.91	5.86 6.74		78.2 70.0	
9:03	0.139	14.06	175	21.12	1.303	6.61	0.89	7.99		64.7	
									+		
FOLUBIA		INSENITATION									
	OF PUMP	JMENTATION		TYPE OF TUBIN		TYP X		R QUALITY N			WATER LEVEL DEVICE DTECH INTERFACE METER
X	SIMCO BL	ADDER P PERISTALTIC PI	IMD		ISITY POLYETHYLENE		_	-50 W/ FLOW			INST WATER METER
	4	AMETERS	JIVIF	OTHER			OTHER				ien en e
To Be Collect		AWETERS			HOD		PRESERVA	ATION	VOLUN		SAMPLE
S. O.	X VOC			8260			METHOD HCL / 4 DE	G. C		(40 mL	X VOC
STANDAR	X SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2		(1 LAG (1 LP	X SVOC X TAL INORGANICS
	TAL VOC	INORGANICS		CLP 8260			HNO3 to pl			(1 LP (40 mL	TAL INORGANICS (FILTERED) VOC
DUPLICATE	SVO	С		CLP			4 DEG. C		>	(1 LAG	svoc
DUP		INORGANICS INORGANICS		CLP CLP			HNO3 to pl			(1 LP (1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	G. C		(40 mL (1 LAG	VOC SVOC
MS	TAL	INORGANICS		CLP			HNO3 to pl		×	(1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			CLP 8260)B		HNO3 to pl HCL / 4 DE		×	(1 LP (40 mL	voc
MSD	SVO TAL	C INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2		(1LAG (1LP	SVOC TAL INORGANICS
		INORGANICS		CLP			HNO3 to pl	H <2	X	(1LP	TAL INORGANICS (FILTERED)
PURGE (OBSERVA	TIONS					COMMENT	S			
PURGE W		YES X	NO	NUMBER OF G GENERATED	ALLONS 0.509						
		ner dedicated or deate / field blank re		0							
anival off s			- /	Wagu							
SIGNITU	RE.			Ju	-						
SIGNITU	INE.										

FIELD	DATA	RECORD -	GROU	NDWA	TER SA	AMPLING						Occ
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_/	AREA.E_RF	I-PZ-17_091	2	ONTARIO S	SPECIALTY CONTRACTING, INC.
WELL ID		RFI-PZ-	17			SAMPLE EVENT		AREA.E_30	Q2012			9/17/2012 9/17/2012
TIME	START	1:00 PM	END 1:	:10 PM		JOB NUMBER		0913ON	ИM		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s			MEASUREMENT POIN						EMOVAL METHOD
STATIC D		13.43	FT			X TOP OF WELL R TOP OF PROTEC		ING			PE	NLER ERISTALTIC PUMP SSORBENT SOCK
	WELL EPTH	Unknown	FT			MEASUREMENT POINT ELEVATION		586.123	FASL		DEPTH TO NAI NON DETECT (N	ND FT
\ DIAMI	WELL ETER	2.0	IN			KUP TO PROTECTIVE EIGHT DIFFERENTIAL		2.5	IN		NAPL VO REMOVE	
	REEN NGTH	Unknown	FT	INT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL PUF	VOL. RGED		GAL			TIME OF SAMPLE COLLECTION						
PURGE D	VOL.	DEPTH TO WATER (ft)	PURGE RATE (ml		TEMP.	SPECIFIC CONDUCTANCE	pH (unita)	DISS O2.	TURBIDI'	TY	REDOX	COMMENTS
TIME	(gal)	WATER (II)	KATE (IIII	/III) (U	deg. C)	(ms/cm)	(units)	(mg/L)	(ntu)		(ORP)	COMMENTS
				_								
										+		
			_									
				+								
FQUIPME	NT DOCI	JMENTATION										
	OF PUMP WAILER			X	OF TUBING	_	TYPI X	YSI 556 MF	R QUALITY I PS W/ FLOW	/ CEL	L X GE	F WATER LEVEL DEVICE EOTECH INTERFACE METER
Х	SIMCO BL GEOPUMP	ADDER PERISTALTIC PI	UMP		HIGH DEN: OTHER	SITY POLYETHYLENE		HORIBA U- OTHER	-50 W/ FLOV	V CEL		DLINST WATER METER THER
ANALYT	ICAL PAR	AMETERS						_				
To Be Collect	ed				METH NUMI			PRESERVA METHOD	ATION		VOLUME REQUIRED	SAMPLE COLLECTED
ARD	VOC SVO				8260E CLP	В		HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC
STANDAR	TAL	NORGANICS			CLP			HNO3 to pl			X 1 LP	TAL INORGANICS
	VOC	NORGANICS			CLP 8260	В		HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
DUPLICATE	SVO	C INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
ina	TAL	NORGANICS			CLP	-		HNO3 to pl	H <2		X 1 LP	TAL INORGANICS (FILTERED)
SE	VOC SVO	0			8260E CLP	В		HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	voc svoc
2	TAL INORGANICS CLP TAL INORGANICS CLP								H <2 H <2		X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC SVO				8260E CLP	В		HCL / 4 DE 4 DEG. C			X 40 mL X 1 LAG	voc svoc
MSD	TAL	NORGANICS			CLP			HNO3 to pl			X 1 LP	TAL INORGANICS
		NORGANICS			CLP			HNO3 to pl			X1LP	TAL INORGANICS (FILTERED)
PURGE (TIONS				,		COMMENT	rs			
PURGE W.		YES X	NO		BER OF GA ERATED	LLONS						
		ner dedicated or deate / field blank re		or to								
		11	house C	Shas	en	-						
SIGNITU	RE:	(Fix)										

FIELD	DATA	RECORD -	GROU	NDWAT	ER SA	MPLING						CCC	
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_A	REA.E_ICM	-PZ-02S_12	12	ONTARIO S	OSC Specialty Contracting, Inc	
WELL ID		ICM-PZ-	02S			SAMPLE EVENT		AREA.E_40	Q2012			12/11/2012 12/11/2012	ĺ
TIME	START	12:05 PM	END 12	::20 PM		JOB NUMBER		0913ON	ИΜ		SAMPLER	Tom Wagner (TW)	
WATER	LEVEL / F	UMP SETTING	S			MEASUREMENT POIN						EMOVAL METHOD	
STATIC D		10.93	FT		ļ	X TOP OF WELL R TOP OF PROTEC		ING			PE	AILER ERISTALTIC PUMP SSORBENT SOCK	
	WELL EPTH	20.0	FT			MEASUREMENT POINT ELEVATION	,	585.858	FASL		DEPTH TO NA NON DETECT (N	ND FT	
DIAM	WELL ETER	2.0	IN			UP TO PROTECTIVE		3.5	IN		NAPL VO		
	REEN NGTH	10.0	FT	INTAC		PROTECTIVE CASING ROPERLY SECURED	YES	X NO					
TOTAL PUF	VOL. RGED		GAL			TIME OF SAMPLE COLLECTION							
PURGE I						SPECIFIC						,	
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml		MP. g. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI (ntu)	ΙΥ	REDOX (ORP)	COMMENTS	
				-									
FQUIPMI	NT DOC	JMENTATION		<u> </u>	·					-			
	OF PUMP				F TUBING	<u> </u>	TYPE		R QUALITY PS W/ FLOV			F WATER LEVEL DEVICE EOTECH INTERFACE METER	
	SIMCO BL		UMD	X HI	IGH DENS	SITY POLYETHYLENE		HORIBA U	-50 W/ FLO\		L SO	DLINST WATER METER	
X		PERISTALTIC P	UMP	0	THER			OTHER			0	THER	
ANALYT To Be Collect		AMETERS			METH	IOD		PRESERVA	ATION	,	VOLUME	SAMPLE	
9	voc				NUME 8260E			METHOD HCL / 4 DE	G. C	ļ	REQUIRED X 40 mL	COLLECTED VOC	
STANDAR	SVO	C			CLP			4 DEG. C			X 1 LAG	SVOC	
STAI		INORGANICS INORGANICS			CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERE	ED)
ATE	VOC SVO				8260E CLP	3		HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC	
DUPLICATE	TAL	INORGANICS			CLP			HNO3 to pl			X 1 LP	TAL INORGANICS	
۵	TAL VOC	INORGANICS			CLP 8260E	3		HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERE VOC	ED)
S S	SVO	С			CLP			4 DEG. C			X 1 LAG	SVOC	
	TAL INORGANICS CLP TAL INORGANICS CLP								H <2 H <2		X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERE	ED)
	VOC				8260E	3		HCL / 4 DE			X 40 mL	voc	,
MSD	SVO TAL	INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS	
	TAL	INORGANICS			CLP			HNO3 to pl	H <2		X1LP	TAL INORGANICS (FILTERE	ED)
PURGE (DBSERVA	TIONS						COMMENT	rs				
PURGE W		YES X	NO	NUMBE GENER	R OF GA	LLONS							
NOTES			· <u></u>			-							
		ner dedicated or d eate / field blank re		or to									
		71	hous (Shap									
SIGNITU	RF·	//-		The same of the sa	u								
SIGNITU													

FIELD	DATA	RECORD -	GROU	NDWATE	R SAMP	LING						CCC
PROJECT		Buffalo Color C	orporation		SAMPI	LE ID	BCC_A	REA.E_ICM	-PZ-03S_121	12	ONTARIO S	Specialty Contracting, Inc.
WELL ID		ICM-PZ-0	03S		SAMPI	LE EVENT		AREA.E_40	Q2012			12/11/2012 12/11/2012
TIME	START	12:25 PM	END 12	::40 PM	JOB	NUMBER		0913ON	ИΜ		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s			UREMENT POIN						EMOVAL METHOD
STATIC D		11.24	FT			TOP OF WELL R TOP OF PROTEC OTHER		ING			PE	AILER ERISTALTIC PUMP 3SORBENT SOCK
	WELL EPTH	20.0	FT			EASUREMENT NT ELEVATION		585.938	FASL		DEPTH TO NA NON DETECT (N	1 11 18 FI
DIAMI	WELL ETER	2.0	IN			PROTECTIVE DIFFERENTIAL		2.75	IN		NAPL VO	
SCREEN 10.0 FT WELL PROTECTIVE CASING LENGTH 10.0 FT INTACT AND PROPERLY SECURED							YES	X NO				
TOTAL PUF	VOL. RGED		GAL		TIM	ME OF SAMPLE COLLECTION						
PURGE D	-	DEDTUTO	DUDOS	- 1	_	SPECIFIC		L DIGG GG	TUDDIDI	T) (DEDOV	i
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml			NDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	IY	REDOX (ORP)	COMMENTS
										1		
-										+		
TYPE	OF PUMP WAILER SIMCO BL		IIMD	X HIG	CONE H DENSITY PO	OLYETHYLENE	TYPI X	YSI 556 MI	R QUALITY I PS W/ FLOW -50 W/ FLOW	/ CELL	L X GI	F WATER LEVEL DEVICE EOTECH INTERFACE METER DLINST WATER METER THER
			UIVIP	011	IER		<u></u>	OTHER				INEK
ANALYTICAL PARAMETERS To Be Collected WETHOD NUMBER 8260B SVOC CLP TAL INORGANICS CLP								PRESERV. METHOD HCL / 4 DEG. C HNO3 to pl HCL / 4 DEG. C HNO3 to pl HCL / 4 DEG. C HNO3 to pl HNO4 DEG. C	EG. C H < 2 H < 2 EG. C		/OLUME REQUIRED X 40 mL X 1 LAG X 1 LP X 1 LP X 40 mL X 1 LAG X 1 LP X 40 mL X 1 LAG X 1 LP X 40 mL X 1 LAG X 1 LP X 1 LAG X 1 LP X 1 LAG X 1 LP X 1 LP	SAMPLE COLLECTED VOC SVOC TAL INORGANICS (FILTERED) VOC TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS
MSD		NORGANICS			CLP CLP CLP			4 DEG. C HNO3 to pl			X1LAG X1LP	SVOC TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE 0		NORGANICS TIONS			OLF			HNO3 to pl			X 1 LP	TAL INUNGANICS (FILTERED)
PURGE W.	ATER	YES X	NO	NUMBER GENERAT	OF GALLONS							
		ner dedicated or di sate / field blank re		_								
SIGNITU	RE:	1,10	-ma C	Shage	_							

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_M\	W-E03_1112	ONTABIO	Spe	CIALTY CONTRACTING, INC.
WELL ID		MW-E0)3		SAMPLE EVENT		AREA.E_40	Q2012	ONTARIO		11/29/2012
TIME	START	9:40 AM	10:4 END	5 AM	JOB NUMBER		0913ON	1M	SAMPI	.ER	Tom Wagner (TW)
WATER	LEVEL / F	UMP SETTING	s		MEASUREMENT POIN	IT			NAF	L REMO	OVAL METHOD
STATIC D		9.72	FT		X TOP OF WELL R		SING				STALTIC PUMP
TO W	WELL	13.0	FT		OTHER MEASUREMENT		588.457	FASL	DEPTH TO		RBENT SOCK ND FT
	EPTH WELL			WELL STI	POINT ELEVATION CKUP TO PROTECTIVE				NON DETEC	T (ND) L VOL.	
DIAM		2.0	IN		HEIGHT DIFFERENTIAL PROTECTIVE CASING		0.75	IN		OVED	GAL
LE	NGTH	10.0	FT		PROPERLY SECURED	YES	X NO				
TOTAL	VOL. RGED	0.369	GAL		TIME OF SAMPLE COLLECTION		10:10 A	М			
PURGE I	DATA VOL.	DEPTH TO	PURGE	TEMP.	SPECIFIC CONDUCTANCE	pН	DISS O2.	TURBIDIT	Y REDOX	Ī	
TIME	(gal)	WATER (ft)	RATE (ml/m) (deg. C)	(ms/cm)	(units)	(mg/L)	(ntu)	(ORP)		COMMENTS
9:55 9:57	0.082	10.17 10.24	155 155	12.13 12.18	1.185 1.181	6.69	6.09 5.99	20.00	59.2 62.0		Clear but clayish color particles
9:59	0.082	10.32	155	12.28	1.179	6.65	5.85	26.00	64.1		
10:01	0.082	10.38	155	12.34	1.178	6.65	5.73	26.00	65.9		
10:04	0.123	10.43	155	12.40	1.178	6.64	5.64	25.00	67.8		
		JMENTATION									
TYPE	OF PUMP WAILER			X SILICON	_	X	YSI 556 MF	R QUALITY M PS W/ FLOW	CELL X	GEOT	ATER LEVEL DEVICE ECH INTERFACE METER
X	SIMCO BL GEOPUMF	ADDER PERISTALTIC P	UMP	X HIGH DE OTHER	NSITY POLYETHYLENE		HORIBA U- OTHER	-50 W/ FLOW	CELL	SOLIN OTHER	IST WATER METER R
ANALYT	ICAL PAR	AMETERS					_				
To Be Collect	ed				THOD MBER		PRESERVA METHOD	ATION	VOLUME REQUIRED		SAMPLE COLLECTED
ARD	X VOC			826 CLI	0B		HCL / 4 DE 4 DEG. C	G. C	3 X 40 mL 2 X 1 LAG		X VOC X SVOC
STANDAR	X TAL	INORGANICS		CLF			HNO3 to pl		1 X1LP		X TAL INORGANICS
	TAL VOC	INORGANICS		CLI 826			HNO3 to pl HCL / 4 DE		X 1 LP X 40 mL	-	TAL INORGANICS (FILTERED) VOC
DUPLICATE	SVO TAL	C INORGANICS		CLI			4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP		SVOC TAL INORGANICS
na		INORGANICS		CLI 826			HNO3 to pl	H <2	X 1 LP X 40 mL		TAL INORGANICS (FILTERED) VOC
S	SVO	С		CLF			4 DEG. C		X 1 LAG		SVOC
		INORGANICS INORGANICS		CLI CLI			HNO3 to pl		X 1 LP X 1 LP	-	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC SVO			826 CLI			HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG	F	VOC SVOC
MSD	TAL	INORGANICS		CLF	•		HNO3 to pl		X 1 LP		TAL INORGANICS
DUDGE (INORGANICS		CLI	,	I	HNO3 to pl		X 1 LP	L	TAL INORGANICS (FILTERED)
	OBSERVA	TIONS		NUMBER OF C					#:-1		
PURGE W		YES X	NO	NUMBER OF G GENERATED	0.369		Clear but c	layish color pa	articles		
NOTES											
		ner dedicated or d eate / field blank re		0							
		7	han 1	666							
		1/1	ma V	Wagn	-						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_M\	W-E04_1112		ONTARIO SE	ECIALTY CONTRACTING, INC.
WELL ID		MW-E0)4		SAMPLE EVENT		AREA.E_40	Q2012			11/29/2012
TIME	START	1:50 PM	2:40 END) PM	JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	UMP SETTING	S		MEASUREMENT POIN	IT				NAPL REM	MOVAL METHOD
STATIC D		6.02	FT		X TOP OF WELL R TOP OF PROTEC		SING				.ER ISTALTIC PUMP ORBENT SOCK
\	WELL EPTH	11.5	FT		MEASUREMENT POINT ELEVATION		588.636	FASL		DEPTH TO NAPL ON DETECT (ND)	ND FT
	WELL	2.0	IN		KUP TO PROTECTIVE		2.25	IN		NAPL VOL.	GAL
SCI	REEN NGTH	10.0	FT	WELL	PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL		0.634	GAL		TIME OF SAMPLE COLLECTION		2:00 Pf	М			
PURGE I	ΔΤΔ				SPECIFIC			4			
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Y	REDOX (ORP)	COMMENTS
13:55		6.19	160	11.20	0.964	6.89	1.92	6.00		42.5	
13:57	0.085	6.23	160	11.19	0.977	6.86	1.13	4.00		45.9	
14:04	0.085 0.211	6.29 6.32	160 160	11.18 11.20	0.986 0.991	6.83	0.91	4.00		48.6 50.5	
14:07	0.127	6.39	160	11.21	0.996	6.80	0.69	4.00		52.2	
14:10	0.127	6.41	160	11.21	1.002	6.78	0.67	3.00		54.1	
									-		
									+		
EQUIPMI	ENT DOC	UMENTATION	I.		•				-		
TYPE	OF PUMP WAILER			TYPE OF TUBIN		TYP		R QUALITY N			WATER LEVEL DEVICE TECH INTERFACE METER
	SIMCO BL			X HIGH DEN	ISITY POLYETHYLENE		HORIBA U-	-50 W/ FLOW		SOL	INST WATER METER
Х		PERISTALTIC P	UMP	OTHER			OTHER			ОТН	ER
ANALYT To Be Collect		AMETERS		MET	THOD		PRESERVA	ATION	VOL	UME	SAMPLE
	X VOC			NUM	<u>IBER</u>		METHOD		REQ	UIRED	X VOC
DARI	X SVO	С		8260 CLP			HCL / 4 DE 4 DEG. C		2	X 40 mL X 1 LAG	X SVOC
STANDAR		INORGANICS INORGANICS		CLP CLP			HNO3 to pl		1	X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			8260)B		HCL / 4 DE			X 40 mL	voc
DUPLICATE	SVO TAL	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
na	TAL VOC	INORGANICS		CLP			HNO3 to ph			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S W	svo			8260 CLP			HCL / 4 DE 4 DEG. C			X 1 LAG	svoc
		INORGANICS INORGANICS		CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			8260)B		HCL / 4 DE			X 40 mL	voc
MSD	SVO TAL	C INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS		CLP			HNO3 to pl	H <2		X 1 LP	TAL INORGANICS (FILTERED)
PURGE (DBSERVA	TIONS					COMMENT	S			
PURGE W		YES X	NO	NUMBER OF G. GENERATED	ALLONS 0.634						
NOTES		-									
All equipme		her dedicated or deate / field blank re		0							
		11	house O	Wagn							
SIGNITU	RE:				50						
SIGNITO											

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_M\	W-E05_1112		ITABIO SD	ecialty Contracting, Inc.
WELL ID		MW-E0	05		SAMPLE EVENT		AREA.E_40	Q2012			11/28/2012
TIME	START	8:45 AM	9:45 END	5 AM	JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN	Т				NAPL REN	MOVAL METHOD
STATIC D		5.40	FT		X TOP OF WELL R TOP OF PROTEC		SING				ER ISTALTIC PUMP ORBENT SOCK
,	WELL	13.0	FT		MEASUREMENT		586.679	FASL		PTH TO NAPL	ND FT
,	EPTH WELL	2.0	IN		POINT ELEVATION KUP TO PROTECTIVE		2.75	IN	NON	NAPL VOL	GAL
	REEN	10.0	FT	WELL	PROTECTIVE CASING					REMOVED	
TOTAL		0.328	GAL	INTACT AND	PROPERLY SECURED TIME OF SAMPLE	YES	9:00 Al	м			
	RGED	0.320	OAL		COLLECTION		9.00 A	VI			
PURGE I	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)		REDOX (ORP)	COMMENTS
9:00		5.65	155	10.59	1.202	6.38	1.73	19.00		143.7	
9:02	0.082	5.66	155	10.81	1.207	6.36	1.73	16.00	-	139.3	
9:04 9:06	0.082	5.61 5.68	155 155	10.76	1.216 1.218	6.37	1.25 0.96	16.00 16.00		136.3	
9:08	0.082	5.67	155	10.90	1.217	6.39	0.97	13.00		134.4	
	OF PUMP WAILER SIMCO BL		JMP	TYPE OF TUBIN X SILICONE X HIGH DEN OTHER		TYP X		R QUALITY N PS W/ FLOW -50 W/ FLOW	CELL	X GEC	WATER LEVEL DEVICE PITECH INTERFACE METER INST WATER METER ER
		AMETERS		.		-				-	
ANALYTICAL PARAMETERS To Be Collected METHOD NUMBER Q X YOC 82600B VOC 82600B VOC CLP X TAL INORGANICS CLP VOC 82600B SVOC CLP IF VOC 82600B CUP TAL INORGANICS CLP TAL INORGANICS CLP O SVOC CLP TAL INORGANICS CLP O TAL INORGANICS CLP TAL INORGANICS CLP TAL INORGANICS CLP VOC 82600B SVOC CLP TAL INORGANICS CLP VOC 82600B SVOC CLP TAL INORGANICS CLP VOC 82600B SVOC CLP TAL INORGANICS CLP							PRESERV/METHOD HCL / 4 DE 4 DEG. C HNO3 to ph	G. C 1 < 2 1 < 2 G. C 1 < 2 G. C	X	<u>ED</u> 40 mL 1 LAG	SAMPLE COLLECTED X VOC X SVOC X TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS TAL INORGANICS TAL INORGANICS
PURGE (DBSERVA	TIONS					COMMENT	S			
PURGE W CONTAINE		YES X	NO	NUMBER OF GA	ALLONS 0.328						
		ner dedicated or de eate / field blank re	equired								
		1/1	house O	Magn	-						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_M\	W-E06_1112	ONTABIO	Specialty Contracting, Inc.
WELL ID		MW-E0	06		SAMPLE EVENT		AREA.E_40	Q2012		SAMPLE DATE 11/28/2012
TIME	START	1:25 PM	2:35 END	PM	JOB NUMBER		0913ON	1M	SAMPLEF	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN	IT			NAPL F	REMOVAL METHOD
STATIC D	EPTH	4.04	FT		X TOP OF WELL R TOP OF PROTEC		SING			AILER ERISTALTIC PUMP
TO W		4.61	FT		OTHER					BSORBENT SOCK
D	WELL EPTH	13.0	FT		MEASUREMENT POINT ELEVATION		586.947	FASL	NON DETECT (I	ND) FI
DIAM	WELL ETER	2.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL		2.5	IN	NAPL V REMOV	
	REEN NGTH	10.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL		0.549	GAL		TIME OF SAMPLE COLLECTION		1:45 PI	М		
					SPECIFIC					
PURGE I	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Y REDOX (ORP)	COMMENTS
13:46	,	5.28	160	10.80	2.060	5.92	1.46	186.00	38.0	Cloudy, high turbidity
13:48	0.085	5.29	160	10.86	2.076	5.91	0.95	172.00	33.1	
13:50 13:52	0.085 0.085	5.29 5.31	160 160	10.92	2.082 2.085	5.91 5.91	0.84	156.00 152.00	31.1 29.9	
13:54	0.085	5.31	160	11.11	2.088	5.91	0.82	146.00	29.2	
13:56	0.085	5.32	160	11.20	2.090	5.91	0.85	142.00	27.9	
13:59	0.127	5.33	160	11.26	2.093	5.91	0.77	146.00	25.9	
EQUIPMI	ENT DOC	JMENTATION		Į.						
TYPE	OF PUMP WAILER			TYPE OF TUBIN		TYP		R QUALITY N		OF WATER LEVEL DEVICE GEOTECH INTERFACE METER
	SIMCO BL		IMD	X HIGH DEN	SITY POLYETHYLENE		HORIBA U-	-50 W/ FLOW	/ CELL S	OLINST WATER METER
X		PERISTALTIC PI	JMP	OTHER			OTHER			THER
ANALYT To Be Collect		AMETERS		MET	HOD		PRESERVA	ATION	VOLUME	SAMPLE
	X VOC			<u>NUM</u> 8260			METHOD HCL / 4 DE	G C	REQUIRED 3 X 40 mL	X VOC
STANDAR	X SVO	C		CLP			4 DEG. C		2 X 1 LAG	X SVOC
STAN		INORGANICS INORGANICS		CLP CLP			HNO3 to pl HNO3 to pl		1 X1LP 1 X1LP	X TAL INORGANICS X TAL INORGANICS (FILTERED)
ATE	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG	VOC SVOC
DUPLICATE	TAL	INORGANICS		CLP			HNO3 to ph		X 1 LP	TAL INORGANICS
	VOC	INORGANICS		CLP 8260			HNO3 to pl HCL / 4 DE		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
W S	SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS		CLP			HNO3 to ph	H <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	:G. C	X 40 mL X 1 LAG	VOC SVOC
Σ		INORGANICS INORGANICS		CLP CLP			HNO3 to pl		X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (DBSERVA	TIONS					COMMENT	-S		
PURGE W	ATER		luo 🗂	NUMBER OF GA	ALLONS 0.549		Cloudy, hig			
CONTAINE	KIZEU	YES X	NO	GENERATED		_				
		ner dedicated or deate / field blank re		0						
		11	house O.	Wagu	_					
SIGNITU	RE:									
5.5.1110										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_	_AREA.E_M\	W-E07_1112		ONTARIO SPI	OSC ECIALTY CONTRACTING, INC.
WELL ID		MW-E0)7		SAMPLE EVENT		AREA.E_40	Q2012			11/27/2012
TIME	START	12:35 PM	2:50 END) PM	JOB NUMBER		0913ON	ИМ		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN						IOVAL METHOD
STATIC D		4.05	FT		X TOP OF WELL R		SING				STALTIC PUMP
\	WELL	14.0	FT		OTHER MEASUREMENT		587.05	FASL		DEPTH TO NAPL	ORBENT SOCK ND FT
	EPTH WELL			WELL STIC	POINT ELEVATION KUP TO PROTECTIVE	<u> </u>				NON DETECT (ND) NAPL VOL.	
DIAM		2.0	IN	CASING H	EIGHT DIFFERENTIAL PROTECTIVE CASING		2.75	IN		REMOVED	GAL
LEI	NGTH	10.0	FT		PROPERLY SECURED	YES	X NO				
TOTAL PUF	VOL. RGED	-1.685	GAL		TIME OF SAMPLE COLLECTION		1:25 PI	М			
PURGE [DATA VOL.	DEPTH TO	PURGE	TEMP.	SPECIFIC CONDUCTANCE	pН	DISS O2.	TURBIDI	ry I	REDOX	1
TIME	(gal)	WATER (ft)	RATE (ml/m	i) (deg. C)	(ms/cm)	(units)	(mg/L)	(ntu)		(ORP)	COMMENTS
13:05	0.115	4.50 4.50	145 145	11.18 11.16	1.506 1.450	5.14 5.16	1.68 1.84	55.00 50.00		77.2	Dirty, clayish color
13:10	0.077	4.50	145	11.04	1.388	5.20	1.46	43.00		71.5	
13:12	0.077	4.50	145	11.13	1.344	5.21	1.10	47.00		68.9	
13:15	0.115	4.50	145	11.05	1.332	5.21	1.07	34.00		67.6	
13:17	0.077 0.077	4.50 4.50	145 145	11.03 11.04	1.324 1.317	5.22 5.22	0.97	35.00 32.00		65.2	
12:21	-2.222	4.50	145	11.04	1.317	5.21	0.89	31.00		62.9	
				-							
TYPE	OF PUMP WAILER SIMCO BL	JMENTATION ADDER PERISTALTIC PI	JMP	TYPE OF TUBIN X SILICONE X HIGH DEN OTHER		TYP X	YSI 556 MF	R QUALITY I PS W/ FLOW -50 W/ FLOW	CEL	L X GEO	WATER LEVEL DEVICE TECH INTERFACE METER NST WATER METER FR
			J.W.I.	OTHER			OTTLER				-10
To Be Collect		AMETERS			HOD BER B		PRESERVA METHOD HCL / 4 DE			VOLUME REQUIRED 3 X 40 mL	SAMPLE COLLECTED X VOC
STANDAR	X SVO			CLP CLP			4 DEG. C HNO3 to pl	H <2		2 X1LAG 1 X1LP	X SVOC X TAL INORGANICS
	TAL	NORGANICS		CLP			HNO3 to pl	H <2		X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE	X VOC			8260 CLP	В		HCL / 4 DE 4 DEG. C	:G. C		3 X 40 mL 2 X 1 LAG	X VOC X SVOC
DUPL		NORGANICS NORGANICS		CLP CLP			HNO3 to pl			1 X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	X VOC			8260			HCL / 4 DE			3 X 40 mL	X VOC X SVOC
Σ	X TAL	NORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2		2 X1LAG 1 X1LP	X TAL INORGANICS
-	TAL I	NORGANICS		CLP 8260	В		HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
MSD	SVO			CLP CLP			4 DEG. C			X 1 LAG X 1 LP	SVOC TAL INORGANICS
		NORGANICS		CLP			HNO3 to pl			X1LP	TAL INORGANICS (FILTERED)
PURGE (DBSERVA	TIONS					COMMENT	rs			
PURGE W		YES X	NO	NUMBER OF GA	ALLONS -1.685		Dirty, clayis	sh color			
		ner dedicated or deate / field blank re	equired								
		11	muse O.	Wagun	-						
SIGNITU	RE:			<i>V</i>							

FIELD	DATA	RECORD -	GROU	NDWATI	ER SA	MPLING						CCC	
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_	AREA.E_M	W-E08_1212	2	ONTARIO S	OSC Specialty Contracting, Inc	
WELL ID		MW-E	08			SAMPLE EVENT		AREA.E_40	Q2012			12/11/2012 12/11/2012	
TIME	START	12:45 PM	END 1	:00 PM		JOB NUMBER		0913ON	ИM		SAMPLER	Tom Wagner (TW)	
WATER	LEVEL / F	UMP SETTING	S		r	MEASUREMENT POIN						EMOVAL METHOD	
STATIC D		5.35	FT			X TOP OF WELL R TOP OF PROTEC		ING			PE	AILER ERISTALTIC PUMP 3SORBENT SOCK	
	WELL EPTH	13.0	FT			MEASUREMENT POINT ELEVATION		585.903	FASL		DEPTH TO NA NON DETECT (N	ND FT	
DIAM	WELL ETER	2.0	IN			CUP TO PROTECTIVE		2.75	IN		NAPL VO		
SCREEN WELL PROTECTIVE CASING LENGTH 10.0 FT INTACT AND PROPERLY SECURED							YES	X NO					
TOTAL PUR	VOL. RGED		GAL			TIME OF SAMPLE COLLECTION							
PURGE I	DATA VOL.	DEPTH TO	PURGE	I TEI	MP.	SPECIFIC CONDUCTANCE	pН	DISS O2.	TURBIDI	TY	REDOX		
TIME	(gal)	WATER (ft)	RATE (ml		g. C)	(ms/cm)	(units)	(mg/L)	(ntu)		(ORP)	COMMENTS	
-								ļ		_			
-	-							ļ					
FOLIIPMI	ENT DOC	JMENTATION	I		ı			1					
	OF PUMP	J. I.			F TUBING	<u>3</u>	TYPI	E OF WATE	R QUALITY PS W/ FLOW	METEI		F WATER LEVEL DEVICE EOTECH INTERFACE METER	
	SIMCO BL		UMD	ХН	IGH DENS	SITY POLYETHYLENE	Ê	HORIBA U	-50 W/ FLOV		L SO	DLINST WATER METER	
Х	4	PERISTALTIC P	UMP	0	THER			OTHER			0	THER	
ANALYT To Be Collect		AMETERS			METH	HOD		PRESERVA	ATION	,	VOLUME	SAMPLE	
	VOC				<u>NUME</u> 8260E			METHOD HCL / 4 DE	:C C	<u> </u>	REQUIRED X 40 mL	COLLECTED VOC	
DARI	SVO	C			CLP	•		4 DEG. C			X 1 LAG	SVOC	
STANDAR		INORGANICS INORGANICS			CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERE	ED)
	VOC				8260E	3		HCL / 4 DE			X 40 mL	VOC	,
DUPLICATE	SVO TAL	INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS	
70	TAL VOC	INORGANICS			CLP 8260E	.		HNO3 to pl			X 1 LP X 40 mL	TAL INORGANICS (FILTERE VOC	ED)
S	SVO	С			CLP	,		4 DEG. C			X 1 LAG	SVOC	
		INORGANICS INORGANICS			CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERE	-D)
	VOC 8260B								G. C		X 40 mL	voc	,
MSD	SVO TAL	C INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS	
	TAL	INORGANICS			CLP			HNO3 to pl	H <2		X 1 LP	TAL INORGANICS (FILTERE	ED)
PURGE (OBSERVA	TIONS						COMMENT	rs				
PURGE W		YES X	NO	NUMBE GENER	R OF GAI	LLONS							
NOTES						-	1						
All equipme		ner dedicated or deate / field blank re		or to									
		11											
SIGNITU	RE:			Shan	-								
5.511110													

FIELD	DATA	RECORD -	GROU	NDWATE	ER SA	MPLING						OCC
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_	AREA.E_M\	W-E09_1212	2	ONTARIO S	PECIALTY CONTRACTING, INC.
WELL ID		MW-E0	09			SAMPLE EVENT		AREA.E_40	Q2012			12/11/2012 12/11/2012
TIME	START	1:05 PM	END 1	20 PM		JOB NUMBER		0913ON	ИМ		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		r	MEASUREMENT POIN						EMOVAL METHOD
STATIC D		5.80	FT		ţ	X TOP OF WELL R TOP OF PROTEC		ING			PE	ILER RISTALTIC PUMP SORBENT SOCK
	WELL EPTH	13.0	FT			MEASUREMENT POINT ELEVATION	,	585.979	FASL		DEPTH TO NAF NON DETECT (NI	I ND FT I
DIAM	WELL ETER	2.0	IN			UP TO PROTECTIVE		1.5	IN		NAPL VO REMOVE	
	REEN NGTH	10.0	FT	INTAC		PROTECTIVE CASING ROPERLY SECURED	YES	X NO				
TOTAL PUF	VOL. RGED		GAL			TIME OF SAMPLE COLLECTION						
						SPECIFIC		_				
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml			CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI [*] (ntu)	TY	REDOX (ORP)	COMMENTS
TYPE	OF PUMP WAILER SIMCO BL			X SIL		SITY POLYETHYLENE	X	YSI 556 MF HORIBA U	R QUALITY I PS W/ FLOW -50 W/ FLOV	V CEL	L X GE	F WATER LEVEL DEVICE COTECH INTERFACE METER DLINST WATER METER
X		PERISTALTIC P	UMP	ОТ	HER			OTHER			OT	HER
To Be Collect	ed	AMETERS			METH NUME 8260E	BER		PRESERVA METHOD HCL / 4 DE			VOLUME REQUIRED X 40 mL	SAMPLE COLLECTED VOC
STANDAR	SVO				CLP CLP			4 DEG. C HNO3 to pl			X 1 LAG X 1 LP	SVOC TAL INORGANICS
	TAL	INORGANICS			CLP			HNO3 to pl	H <2		X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE	VOC SVO	С			8260E CLP	3		HCL / 4 DE 4 DEG. C			X 40 mL X 1 LAG	VOC SVOC
DUPL		INORGANICS INORGANICS			CLP CLP			HNO3 to pl			X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
(0	VOC SVO				8260E CLP	3		HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG	VOC SVOC
MS	TAL	INORGANICS INORGANICS			CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
VOC 8260B								HCL / 4 DE			X 40 mL	VOC
MSD	TAL	INORGANICS			CLP CLP			4 DEG. C HNO3 to pl			X 1 LAG X 1 LP	SVOC TAL INORGANICS
		INORGANICS			CLP			HNO3 to pl			X 1 LP	TAL INORGANICS (FILTERED)
PURGE W	OBSERVA ATER	TIONS		NIIMREI	R OF GAI	LLONS		COMMENT	rs			
CONTAINE		YES X	NO	GENERA								
		ner dedicated or d eate / field blank re	or to									
		1/1	en									
SIGNITU	RE:											

FIELD	DATA	RECORD -	GROU	NDWAT	ER SA	AMPLING						CCC	
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_	AREA.E_M\	W-E10_1212	2	ONTARIO S	OSC PECIALTY CONTRAC	TING INC
WELL ID		MW-E1	10			SAMPLE EVENT		AREA.E_40	Q2012				/2012
TIME	START	1:25 PM	END 1	:40 PM		JOB NUMBER		0913ON	ИΜ		SAMPLER	Tom Wagner (T	TW)
WATER	LEVEL / P	UMP SETTING	s		ı	MEASUREMENT POIN						MOVAL METHOD	
STATIC D		7.96	FT			X TOP OF WELL R TOP OF PROTEC		ING			PE	ILER RISTALTIC PUMP SORBENT SOCK	
	WELL EPTH	13.5	FT			MEASUREMENT POINT ELEVATION		586.34	FASL		DEPTH TO NA NON DETECT (N	ND.	FT
DIAM	WELL ETER	2.0	IN			CUP TO PROTECTIVE		2	IN		NAPL VO		GAL
SCREEN 9.9 FT WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED							YES	X NO					
TOTAL PUF	VOL. RGED		GAL			TIME OF SAMPLE COLLECTION							
						SPECIFIC				1			
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml		EMP. eg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI [*] (ntu)	ΙΥ	REDOX (ORP)	COMME	NTS
EQUIPM.	NT DOOL	INACAIT A TION											
	OF PUMP WAILER SIMCO BL	JMENTATION ADDER		XS	OF TUBING	3 SITY POLYETHYLENE	TYPE X	YSI 556 MF	R QUALITY I PS W/ FLOW -50 W/ FLOW	V CELI	X GI	WATER LEVEL DEVICE OTECH INTERFACE METALINST WATER METER	
Х		PERISTALTIC P	UMP		THER			OTHER				HER	
ANALYT To Be Collect		AMETERS			METH	4OD		PRESERVA	ATION	,	/OLUME	SAMPLE	
					NUM	<u>BER</u>		METHOD HCL / 4 DE			REQUIRED	COLLECTED	
STANDARI	svo	0			8260E CLP	•		4 DEG. C			X 40 mL X 1 LAG	SVOC	
STAN		NORGANICS NORGANICS			CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANIC	
DUPLICATE	VOC SVO				8260E CLP	3		HCL / 4 DE 4 DEG. C	EG. C		X 40 mL X 1 LAG	VOC SVOC	
UPLIC	TAL	NORGANICS			CLP			HNO3 to pl			X 1 LP	TAL INORGANIC	
	VOC				CLP 8260E	3		HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANIC	S (FILTERED)
₩ S	SVO TAL	C NORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANIC	S
	TAL INORGANICS CLP VOC 8260B								H <2 EG. C		X 1 LP X 40 mL	TAL INORGANIC	S (FILTERED)
MSD	SVO	0			CLP			4 DEG. C			X 1 LAG	SVOC	
		NORGANICS NORGANICS			CLP CLP			HNO3 to pl			X 1 LP X 1 LP	TAL INORGANIC TAL INORGANIC	
PURGE (DBSERVA	TIONS						COMMENT	rs				
PURGE W		YES X	NO	NUMBE GENER	ER OF GA RATED	LLONS							
NOTES													
		ner dedicated or d eate / field blank re		or to									
		1/1	in										
SIGNITU	RE:												

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BC	C_AREA.E_I	R-10_1112		ONTARIO SPI	OSC ECIALTY CONTRACTING, INC.
WELL ID		R-10			SAMPLE EVENT		AREA.E_40	Q2012			11/29/2012
TIME	START	12:45 PM	1:45 END	5 PM	JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN					NAPL REM	IOVAL METHOD
STATIC D		7.67	FT		X TOP OF WELL R TOP OF PROTEC		SING				STALTIC PUMP
TO W	ATER VELL				OTHER MEASUREMENT					DEPTH TO NAPL	ORBENT SOCK
D	EPTH	18.0	FT	WELL OTIO	POINT ELEVATION		588.784	FASL		NON DETECT (ND)	ND FT
DIAMI	VELL ETER	3.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL		1	IN		NAPL VOL. REMOVED	GAL
	REEN NGTH	Unknown	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL	VOL. RGED	0.753	GAL		TIME OF SAMPLE COLLECTION		1:20 PI	М			
PURGE D					SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP.) (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Υ	REDOX (ORP)	COMMENTS
12:55	(34)	8.35	150	11.75	1.326	7.92	2.45	85.00		51.3	Cloudy, dark particles
12:57	0.079	8.37	150	11.69	1.339	7.95	1.37	73.00		48.4	
12:59	0.079	8.41 8.45	150 150	11.67 11.70	1.346 1.349	7.98 7.99	0.97 0.79	75.00 67.00	-	39.0	
13:03	0.079	8.48	150	11.77	1.351	8.02	0.70	67.00		32.9	
13:05	0.079	8.50	150	11.82	1.355	8.03	0.66	66.00		28.4	
13:07	0.079	8.52	150	11.87	1.357	8.04	0.60	60.00		24.8	
13:10	0.119	8.55 8.57	150 150	11.92 11.93	1.359 1.362	8.05 8.06	0.54 0.50	61.00 55.00		21.5	
13:14	0.079	8.59	150	11.04	1.365	8.07	0.49	63.00	T	16.2	
									_		
									_		
	OF PUMP WAILER	JMENTATION		TYPE OF TUBIN X SILICONE X HIGH DEN		TYP X	YSI 556 MF	R QUALITY N PS W/ FLOW -50 W/ FLOW	CELL	X GEO	VATER LEVEL DEVICE TECH INTERFACE METER
Х	SIMCO BL GEOPUMP	PERISTALTIC P	JMP	OTHER	ISTIT POLTETHTLENE		OTHER	-50 W/ FLOW	CEL	OTH	NST WATER METER ER
ANALYT		AMETERS		MET	1100		PPECEDV	ATION	,	/OLLINATE	SAMPLE
				NUM	HOD IBER		PRESERVA METHOD			VOLUME REQUIRED	COLLECTED
DARE	X VOC	0		8260 CLP	IB		HCL / 4 DE 4 DEG. C			3 X 40 mL 2 X 1 LAG	X VOC X SVOC
STANDAR		NORGANICS NORGANICS		CLP CLP			HNO3 to pl			1 X1LP 1 X1LP	X TAL INORGANICS X TAL INORGANICS (FILTERED)
CATE	VOC SVO			8260 CLP	В		HCL / 4 DE 4 DEG, C	G. C		X 40 mL X 1 LAG	VOC SVOC
DUPLICATE	TAL	NORGANICS		CLP			HNO3 to pl			X 1 LP	TAL INORGANICS
	VOC			CLP 8260	В		HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
MS	SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
I -	TAL I	NORGANICS		CLP 8260			HNO3 to pl			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
MSD	SVO	0		CLP			4 DEG. C			X 1 LAG	svoc
	_	NORGANICS NORGANICS		CLP CLP			HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (BSERVA	TIONS					COMMENT	S			
PURGE W.		YES X	NO	NUMBER OF GA	ALLONS 0.753		Cloudy, da	rk particles			
		ner dedicated or de eate / field blank re	equired								
		11	house O.	Wagun	-						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUNI	DWATER SA	AMPLING					OCC
PROJECT		Buffalo Color Co	orporation		SAMPLE ID	ВС	C_AREA.E_F	R-11_1112	ONTARIO SE	DECIALTY CONTRACTING, INC.
WELL ID		R-11			SAMPLE EVENT		AREA.E_40	Q2012	7	11/29/2012 11/29/2012
TIME	START	11:25 AM	12:35 END	PM	JOB NUMBER		0913OM	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT			NAPL REI	MOVAL METHOD
STATIC D	EPTH	6.63	FT		X TOP OF WELL R TOP OF PROTEC		SING		BAIL PER	LER RISTALTIC PUMP
TO W		6.03			OTHER					ORBENT SOCK
D	VELL EPTH	17.3	FT		MEASUREMENT POINT ELEVATION		586.356	FASL	DEPTH TO NAPL NON DETECT (ND) ND FI
DIAM	VELL ETER	3.0	IN		KUP TO PROTECTIVE EIGHT DIFFERENTIAL		2.5	IN	NAPL VOL REMOVED	
	REEN NGTH	Unknown	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL		0.803	GAL		TIME OF SAMPLE COLLECTION		12:00 P	M		
PURGE I					SPECIFIC					
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
11:35	(34)	7.94	160	12.46	0.660	7.85	1.22	130.00	61.6	Cloudy, dark particles, high turbidity
11:38	0.127	8.03	160	12.44	0.663	7.89	1.06	113.00	59.3	
11:41	0.127 0.127	8.10 8.19	160 160	12.50 12.64	0.666 0.666	7.92 7.94	0.83 0.75	116.00 109.00	57.2 54.5	
11:47	0.127	8.28	160	12.85	0.666	7.97	0.77	108.00	51.8	
11:49	0.085	8.37	160	12.85	0.667	7.99	0.70	109.00	48.6	
11:51	0.085	8.45	160	12.72	0.672	7.99	0.66	99.00	46.9	
11:54	0.127	8.54	160	12.77	0.673	7.99	0.75	94.00	45.6	
									+	
EOLIBM	NT DOC	JMENTATION								
	OF PUMP	DIVIDIN		TYPE OF TUBIN				R QUALITY ME		WATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X SILICONE X HIGH DEN	SITY POLYETHYLENE	X		PS W/ FLOW (50 W/ FLOW (OTECH INTERFACE METER INST WATER METER
Х	GEOPUMP	PERISTALTIC PL	JMP	OTHER			OTHER		OTH	IER
ANALYT To Be Collect		AMETERS		MET	uop.		DDE0ED\/	ATION	VOLUME	CAMPIE
				MET <u>NUM</u>			PRESERVA METHOD	ATION	VOLUME REQUIRED	SAMPLE COLLECTED
JARD	X VOC			8260 CLP	В		HCL / 4 DE 4 DEG. C	G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC
STANDAR	X TAL	NORGANICS		CLP			HNO3 to ph		1 X1LP	X TAL INORGANICS
	X TAL I	NORGANICS		CLP 8260	В		HNO3 to pH HCL / 4 DE		1 X 1 LP X 40 mL	X TAL INORGANICS (FILTERED) VOC
DUPLICATE	SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to ph	١-٥	X 1 LAG X 1 LP	SVOC TAL INORGANICS
DUP	_	NORGANICS		CLP			HNO3 to ph		X 1 LP	TAL INORGANICS (FILTERED)
	VOC SVO			8260 CLP	В		HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG	VOC SVOC
Σ	TAL	NORGANICS		CLP			HNO3 to ph		X 1 LP	TAL INORGANICS
	TAL I VOC	NORGANICS		CLP 8260	В		HNO3 to ph HCL / 4 DE		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
MSD	SVO	C INORGANICS		CLP CLP			4 DEG. C	1 -0	X 1 LAG	SVOC TAL INORGANICS
	_	NORGANICS		CLP			HNO3 to ph		X 1 LP X 1 LP	TAL INORGANICS (FILTERED)
PURGE (BSERVA	TIONS					COMMENT	'S		
PURGE W		YES X	NO 🗔	NUMBER OF GA	ALLONS 0.803		Cloudy, dar	k particles, hig	h turbidity	
_	INLLU	123 1		SCINCIANIED		-				
		ner dedicated or de ate / field blank re)						
		11	house S.	Wagu	_					
SIGNITU	RE:									
5.5.1110	·-·									

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					
PROJECT		Buffalo Color C	orporation		SAMPLE ID	всс	_AREA.E_R	FI-17_1112	7	PECIALTY CONTRACTING, INC.
WELL ID		RFI-1	7		SAMPLE EVENT		AREA.E_40	Q2012		MPLE DATE 11/30/2012
TIME	START	7:45 AM	8:40 END	AM	JOB NUMBER		0913OM	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	PUMP SETTING	s		MEASUREMENT POIN					MOVAL METHOD
STATIC D		6.32	FT		X TOP OF WELL R TOP OF PROTEC		SING		PEF	LER RISTALTIC PUMP SORBENT SOCK
	WELL EPTH	12.0	FT		MEASUREMENT POINT ELEVATION		585.815	FASL	DEPTH TO NAPI NON DETECT (ND	ND FI
	WELL ETER	2.0	IN		CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL		2.5	IN	NAPL VOL REMOVE	
	REEN NGTH	5.0	FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	. VOL. RGED	0.676	GAL		TIME OF SAMPLE COLLECTION		8:05 AM	М		
PURGE		•			SPECIFIC					,
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m		CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT	(ORP)	COMMENTS
7:49 8:01	0.507	7.20 7.24	160 160	10.24 10.40	1.133 1.140	6.98	4.88 4.84	3.00	120.0 118.8	
8:03	0.085	7.39	160	10.56	1.141	6.99	4.68	4.00	117.5	
8:05	0.085	7.55	160	10.72	1.141	6.99	4.48	3.00	117.0	
-										
-										
									_	
TYP	E OF PUMP WAILER SIMCO BL	ADDER	IIMD			TYP X	YSI 556 MF	R QUALITY M PS W/ FLOW -50 W/ FLOW	CELL X GEO	WATER LEVEL DEVICE DTECH INTERFACE METER LINST WATER METER HER
			UIVIP	UINER			OTHER		011	1EK
SIMCO BLADDER X GEOPUMP PERISTALTIC PUMP ANALYTICAL PARAMETERS To Be Collected METHOD NUMBER 8260B CLP X SVOC X SVOC X TAL INORGANICS CLP VOC 8260B CLP VOC CLP TAL INORGANICS CLP							PRESERVA METHOD HCL / 4 DEG 4 DEG. C HN03 to ph HCL / 4 DE 4 DEG. C HN03 to ph HCL / 4 DE 4 DEG. C HN03 to ph HOL / 4 DE 4 DEG. C HN03 to ph HOL / 4 DE 4 DEG. C HN03 to ph HN03 to ph HN03 to ph HN03 to ph HN03 to ph HN03 to ph	G. C H < 2 H < 2 G. C H < 2 H <	VOLUME REQUIRED 3 X 40 mL 2 X1 LAG 1 X1 LP X 1 LP X 1 LAG X 1 LP X 1 LP X 40 mL X 1 LAG X 1 LP X 40 mL X 1 LAG 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 (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS TAL INORGANICS
PURGE	OBSERVA	TIONS					COMMENT	S		
PURGE W CONTAIN		YES X	NO	NUMBER OF G GENERATED	ALLONS 0.676					
		her dedicated or d eate / field blank re	equired							
		11	house O.	Wagu	-					
SIGNITU	RE:									

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					222
PROJECT		Buffalo Color C	orporation		SAMPLE ID	всс	_AREA.E_R	FI-29_1112	7	DECIALTY CONTRACTING, INC.
WELL ID		RFI-29	9		SAMPLE EVENT		AREA.E_40	Q2012	\neg	MPLE DATE 11/28/2012
TIME	START	2:45 PM	3:30 END) PM	JOB NUMBER		0913OM	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / F	PUMP SETTING	S		MEASUREMENT POIN					MOVAL METHOD
STATIC D		5.77	FT		X TOP OF WELL R TOP OF PROTEC		SING			LER DISTALTIC PUMP ORBENT SOCK
	WELL EPTH	14.0	FT	MEASUREMENT POINT ELEVATION			585.691	FASL	DEPTH TO NAPL NON DETECT (ND	ND FI
WELL 2.0 DIAMETER		IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL			4.25 IN		NAPL VOL REMOVED		
	SCREEN 5.0		FT		PROTECTIVE CASING PROPERLY SECURED	YES	YES X NO			
TOTAL PUI	. VOL. RGED	0.296	GAL		TIME OF SAMPLE COLLECTION		3:00 Pf	М		
PURGE	DATA	_		_	SPECIFIC				_	
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m		CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	(ORP)	COMMENTS
14:45 14:47	0.085	6.30 6.30	160 160	10.38 10.47	1.341	7.42 7.46	1.26 1.01	2.00	-52.8 -57.8	
14:49	0.085	6.30	160	10.47	1.355	7.49	0.95	2.00	-61.1	
14:52	0.127	6.40	160	10.48	1.359	7.51	0.82	2.00	-62.8	
-										
	E OF PUMP WAILER SIMCO BL		UMP	TYPE OF TUBII X SILICONE X HIGH DEI OTHER		TYP X	YSI 556 MF	R QUALITY M PS W/ FLOW -50 W/ FLOW	CELL X GEO	WATER LEVEL DEVICE DTECH INTERFACE METER INST WATER METER IER
ANAL YT	ICAL PAR	AMETERS								
	VOC						PRESERV/ METHOD HCL / 4 DE 4 DEG. C HNO3 to ph HNO3 to ph HCL / 4 DE 4 DEG. C HNO3 to ph HNO3 to ph	G. C H < 2 H < 2 G. C H < 2 H < 3 H <	VOLUME REQUIRED 3 X 40 mL 2 X1 LAG 1 X1 LP	SAMPLE COLLECTED X VOC X SVOC X TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC TAL INORGANICS (FILTERED)
PURGE	OBSERVA	TIONS					COMMENT	S		
PURGE W CONTAIN		YES X	NO	NUMBER OF G GENERATED	ALLONS 0.296					
		her dedicated or de eate / field blank re	equired							
		1/1	house O.	Wagn	_					
SIGNITU	RE:									

WATER LEVEL / PUMP SETTINGS WATER LEVEL / PUMP SETTINGS STATIC DEPTH TO WATER WELL DIAMETER 13.0 FT WELL DIAMETER 2.0 IN WELL SCREEN LENGTH TOTAL VOL. PURGED VOL. DEPTH TO VOL. DEPTH TO VOL. DEPTH TO PURGE VOL. DEPTH TO PURGE SAMPLE EVENT O913OMM SAMPLE NAPL REMOVAL METHOD BAILER TOP OF PROTECTIVE CASING O1913OMM NAPL REMOVAL METHOD NAPL REMOVAL METHOD SAMPLE DATE Tom Wagne NAPL REMOVAL METHOD NAPL REMOVAL METHOD SAMPLE TOM Wagne VALE STATIC DEPTH TO WATER ABSORBENT SOCK MEASUREMENT POINT ELEVATION FOINT ELEVATION POINT ELEVATION FOR SAMPLE 2 IN NAPL VOL. REMOVED PURGE DATA SPECIFIC VOL. DEPTH TO PURGE TEMP. CONDUCTANCE PH DISS 02. TURBIDITY REDOX			
NAPL REMOVAL METHOD SAMPLE DATE TOP OF WELL RISER TOP OF PROTECTIVE CASING DEPTH TO NAPL NON DETECT (ND) ND	ACTING INC		
WATER LEVEL / PUMP SETTINGS	/29/2012		
STATIC DEPTH TO WATER 6.20 FT	r (TW)		
STATIC DEPTH TO WATER			
WELL DEPTH DEPTH DEPTH DEPTH DEPTH DINT ELEVATION S86.621 FASL DEPTH TO NAPL NON DETECT (ND) ND	PERISTALTIC PUMP		
DIAMETER 2.0 IN CASING HEIGHT DIFFERENTIAL 2 IN REMOVED	FT		
LENGTH	GAL		
PURGED 0.449 GAL COLLECTION 8:50 AM PURGE DATA SPECIFIC TIME VOL. (gal) DEPTH TO PURGE RATE (ml/m) TEMP. (deg. C) CONDUCTANCE (ms/cm) pH (units) DISS 02. (mg/L) TURBIDITY (Mg/L) REDOX (Mg/L) COMID 8:50 8.00 170 11.60 2.127 6.58 1.70 2.00 38.2 8:52 0.090 8.33 170 11.73 2.110 6.59 1.11 2.00 33.0 8:54 0.090 8.57 170 11.89 2.094 6.62 0.96 2.00 27.8 8:57 0.135 8.81 170 12.02 2.078 6.64 0.82 2.00 24.0			
VOL. DEPTH TO PURGE TEMP. CONDUCTANCE pH DISS 02. TURBIDITY (Mg/L) (Mg/L)			
8:50 8.00 170 11.60 2.127 6.58 1.70 2.00 38.2 8:52 0.090 8.33 170 11.73 2.110 6.59 1.11 2.00 33.0 8:54 0.090 8.57 170 11.89 2.094 6.62 0.96 2.00 27.8 8:57 0.135 8.81 170 12.02 2.078 6.64 0.82 2.00 24.0			
8:52 0.090 8.33 170 11.73 2.110 6.59 1.11 2.00 33.0 8:54 0.090 8.57 170 11.89 2.094 6.62 0.96 2.00 27.8 8:57 0.135 8.81 170 12.02 2.078 6.64 0.82 2.00 24.0	MENTS		
8:57 0.135 8.81 170 12.02 2.078 6.64 0.82 2.00 24.0			
9:00 0.135 9:30 170 12:08 2.066 6:65 0.82 2:00 21.4			
1.11 1.11 1.11 1.11 1.11 1.11 1.11 1.11 1.11			
EQUIPMENT DOCUMENTATION TYPE OF PUMP WAILER X SILICONE SIMCO BLADDER X HIGH DENSITY POLYETHYLENE TYPE OF WATER QUALITY METER TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEV. X SIGNOR SILICONE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEV. X SIGNOR SILICONE TYPE OF WATER QUALITY METER TYPE OF WATER LEVEL DEV.	METER		
X GEOPUMP PERISTALTIC PUMP OTHER OTHER OTHER			
ANALYTICAL PARAMETERS To Be Collected METHOD PRESERVATION VOLUME SAMPLE NUMBER METHOD REQUIRED COLLECTED			
9 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	NICS		
	NICS (FILTERED)		
SVOC CLP 4 DEG. C X1 LAG SVOC			
TAL INORGANICS CLP HNO3 to pH <2 X1 LP TAL INORGANICS CLP HNO3 to pH <2 X1 LP TAL INORGANICS CLP HNO3 to pH <2 X1 LP TAL INORGANICS	NICS NICS (FILTERED)		
VOC 8260B HCL / 4 DEG. C X 40 mL VOC ω SVOC CLP 4 DEG. C X 1 LAG SVOC			
TAL INORGANICS CLP HNO3 to pH <2 X1LP TAL INORGA			
TAL INORGANICS CLP HNO3 to pH <2	NICS (FILTERED)		
SVOC CLP 4 DEG. C X1 LAG SVOC TAL INORGANICS CLP HNO3 to pH <2 X1 LP TAL INORGA	NICS		
	NICS (FILTERED)		
PURGE OBSERVATIONS COMMENTS			
PURGE WATER CONTAINERIZED YES X NO GENERATED 0.449			
MOTES All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required			
Thus B. Wagn			
SIGNITURE:			

FIELD	DATA	RECORD -	GROUN	IDWATER S	AMPLING						Occ
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.E_R	FI-33_1112	ONI	TABIO SE	PECIALTY CONTRACTING, INC.
WELL ID		RFI-3	3		SAMPLE EVENT		AREA.E_40	Q2012			11/30/2012 11/30/2012
TIME	START	8:50 AM	9:3 END	0 AM	JOB NUMBER		0913ON	ИМ	S	AMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN					NAPL REM	MOVAL METHOD
STATIC D		1.58	FT		X TOP OF WELL R TOP OF PROTEC						LER RISTALTIC PUMP SORBENT SOCK
\	WELL EPTH	12.0	FT		MEASUREMENT POINT ELEVATION			FASL		TH TO NAPL ETECT (ND)	ND FT
WELL		IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL			Ground level IN			NAPL VOL.	GAL	
SCI	REEN NGTH	5.0	FT	WELL	PROTECTIVE CASING PROPERLY SECURED	VES	VES V NO				
TOTAL		0.238	GAL		TIME OF SAMPLE COLLECTION		YES X NO 9:00 AM				
PURGE I	DATA				SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/r	TEMP. n) (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)		DOX DRP)	COMMENTS
8:55		3.35	150	9.93	1.906	7.07	1.69	13.00	_	17.1	
8:57 8:59	0.079 0.079	3.60 3.86	150 150	10.07 10.14	1.908 1.910	7.06 7.06	1.47 1.46	13.00 15.00	_	16.5 15.9	
9:01	0.079	4.19	150	10.14	1.913	7.06	1.35	13.00	_	15.5	
											_
											†
	ENT DOCU OF PUMP	JMENTATION		TYPE OF TUBI		TYP		R QUALITY N			WATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X SILICONE X HIGH DE	SITY POLYETHYLENE	X		PS W/ FLOW -50 W/ FLOW			OTECH INTERFACE METER INST WATER METER
Х	GEOPUMF	PERISTALTIC P	UMP	OTHER			OTHER			ОТН	IER
ANALYT To Be Collect		AMETERS		ME.	THOD		PRESERVA	ATION	VOLUME		SAMPLE
				<u>NUI</u>	MBER		METHOD		REQUIRE		COLLECTED
DARC	X VOC			826 CLF			HCL / 4 DE 4 DEG. C	G. C	3 X 40 2 X 1 I		X VOC X SVOC
STANDAR		INORGANICS INORGANICS		CLF CLF			HNO3 to ph		1 X1I X1I		X TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			826	0B		HCL / 4 DE		X 40	mL	voc
DUPLICATE		INORGANICS		CLF CLF	•		4 DEG. C HNO3 to pl		X 1 I X 1 I	LP	SVOC TAL INORGANICS
	TAL VOC	INORGANICS		CLF 826			HNO3 to pl HCL / 4 DE		X 1 I X 40		TAL INORGANICS (FILTERED) VOC
WS	SVO	C INORGANICS		CLF CLF			4 DEG. C HNO3 to ph	H <2	X 1 I X 1 I		SVOC TAL INORGANICS
	TAL	INORGANICS		CLF			HNO3 to ph	H <2	X 1 I	LP	TAL INORGANICS (FILTERED)
MSD	VOC 8260B SVOC CLP						HCL / 4 DE 4 DEG. C	:G. C	X 40 X 1 I	LAG	VOC SVOC
≥	TAL INORGANICS CLP TAL INORGANICS CLP						HNO3 to pl HNO3 to pl		X 1 I X 1 I		TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE (DBSERVA	TIONS					COMMENT	rs			<u>- </u>
PURGE W	ATER		INO CO	NUMBER OF G	ALLONS 0.238						
CONTAINE	RIZEU	YES X	INU	GENERATED		_					
		ner dedicated or deate / field blank re		to							
		1/1	house O.	Magu	_						
SIGNITU	RE:	alama, and									

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING						CCC
PROJECT		Buffalo Color Co	orporation		SAMPLE ID	всс	_AREA.E_R	FI-51_1112		ONTARIO SPI	ecialty Contracting, Inc.
WELL ID		RFI-5	1		SAMPLE EVENT		AREA.E_40	Q2012			11/28/2012
TIME	START	9:50 AM	11:5 END	0 AM	JOB NUMBER		0913ON	1M	SAMPLER Tom Wagner (TW)		Tom Wagner (TW)
WATER I	EVEL / P	UMP SETTING	s		MEASUREMENT POIN					NAPL REM	MOVAL METHOD
STATIC DI		5.13	FT		X TOP OF WELL R TOP OF PROTEC						ISTALTIC PUMP
TO W	ATER VELL				OTHER MEASUREMENT					DEPTH TO NAPL	ORBENT SOCK
DI	EPTH	14.0	FT	WELLSTIC	POINT ELEVATION WELL STICKUP TO PROTECTIVE		586.956	FASL		NON DETECT (ND)	ND FT
DIAME	WELL 2.0 IN DIAMETER		CASING H	EIGHT DIFFERENTIAL		2 IN			NAPL VOL. REMOVED	GAL	
	SCREEN LENGTH		FT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL PUR	VOL.	0.853	GAL		TIME OF SAMPLE COLLECTION		10:30 A	М			
PURGE D	ATA				SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m	TEMP.	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI (ntu)	TY	REDOX (ORP)	COMMENTS
10:07	(3.7)	6.26	170	10.24	2.929	6.75	1.02	182.00		11.8	Dirty, clayish color, high turbidity
10:09	0.090	6.28	170	10.35	2.945	6.77	0.94	181.00		2.8	
10:11	0.090	6.29	170 170	10.53 10.78	2.955 2.990	6.78	0.93	183.00 173.00		-4.0 -10.4	
10:15	0.090	6.33	170	10.75	3.004	6.79	0.85	167.00		-14.5	
10:19	0.180	6.36	170	10.93	3.036	6.80	0.87	168.00		-18.4	
10:21	0.090	6.38	170 170	11.04 11.10	3.053 3.066	6.80	0.95 0.69	165.00 169.00		-22.6 -30.4	
10:26	0.090	6.41	170	11.13	3.077	6.82	0.78	165.00		-34.1	
	OF PUMP	JMENTATION		TYPE OF TUBI		TYP	E OF WATE				WATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X SILICONE X HIGH DEI	: NSITY POLYETHYLENE	Х	-	PS W/ FLOW -50 W/ FLOW			TECH INTERFACE METER INST WATER METER
Х	GEOPUMP	PERISTALTIC PI	JMP	OTHER			OTHER			ОТН	ER
ANALYTI To Be Collecte		AMETERS		MET	THOD		PRESERVA	ATION		VOLUME	SAMPLE
				NUM	MBER .		METHOD			REQUIRED	COLLECTED
DARE	X VOC			826 CLP			HCL / 4 DE 4 DEG. C			3 X 40 mL 2 X 1 LAG	X VOC X SVOC
STANDAR		NORGANICS NORGANICS		CLP CLP			HNO3 to pl			1 X1LP 1 X1LP	X TAL INORGANICS X TAL INORGANICS (FILTERED)
	VOC			826)B		HCL / 4 DE			X 40 mL	voc
DUPLICATE	SVOC TAL I	NORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS
۵	TAL I	NORGANICS		CLF 826			HNO3 to pl HCL / 4 DE			X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
S S	SVO			CLP			4 DEG. C			X 1 LAG	svoc
		NORGANICS NORGANICS		CLP CLP			HNO3 to pl HNO3 to pl			X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC			826			HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	VOC SVOC
MSI	SVOC CLP TAL INORGANICS CLP							H <2		X 1 LP	TAL INORGANICS
<u> </u>	TAL INORGANICS CLP							H <2		X 1 LP	TAL INORGANICS (FILTERED)
PURGE W	ATER			NUMBER OF G	ALLONS 0.853		COMMENT Cloudy, cla		kes,	high turbidity	
CONTAINE	RIZED	YES X	NO	GENERATED		<u> </u>					
		ner dedicated or de ate / field blank re		to							
		10	house O.	Wagn	_						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					CCC		
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_	AREA.E_RF	I-PZ-16_1112	ONTABIO	OSC Specialty Contracting, Inc.		
WELL ID		RFI-PZ-	16		SAMPLE EVENT		AREA.E_40	Q2012		AMPLE DATE 11/28/2012		
TIME	START	12:05 PM	1:15 END	5 PM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)		
WATER	LEVEL / P	UMP SETTING	s		MEASUREMENT POIN	IT			NAPL R	REMOVAL METHOD		
STATIC D		11.67	FT		X TOP OF WELL R		SING		PI	BAILER PERISTALTIC PUMP		
TO W	WELL	No Record	FT		OTHER MEASUREMENT			FASL	DEPTH TO NA	BSORBENT SOCK NPL ND FT		
WELL		POINT ELEVATION WELL STICKUP TO PROTECTIVE			587.05		NON DETECT (N NAPL VO) (DI				
DIAM	ETER	2.0	IN	CASING H	HEIGHT DIFFERENTIAL PROTECTIVE CASING		0.75	IN	REMOV			
LE	SCREEN LENGTH		FT		PROPERLY SECURED	YES	X NO					
TOTAL	VOL. RGED	0.465	GAL		TIME OF SAMPLE COLLECTION		12:25 P	M				
PURGE I	DATA VOL.	DEPTH TO	PURGE	TEMP.	SPECIFIC CONDUCTANCE	pН	DISS O2.	TURBIDIT	Y REDOX	1		
TIME	(gal)	WATER (ft)	RATE (ml/m) (deg. C)	(ms/cm)	(units)	(mg/L)	(ntu)	(ORP)	COMMENTS		
12:15 12:18	0.127	11.67 11.67	160 160	11.91 12.02	1.488 1.510	6.18	1.56 1.53	24.00 26.00	72.2 66.6	Clayish color particles		
12:20	0.085	11.67	160	12.40	1.519	6.39	1.37	28.00	62.5			
12:23	0.127	11.68	160	12.19	1.531	6.42	1.29	26.00	59.7			
12:26	0.127	11.68	160	12.66	1.510	6.44	1.00	34.00	55.7			
										_		
EQUIPMI	ENT DOC	JMENTATION		•	•				•			
TYPE	OF PUMP WAILER			TYPE OF TUBIN		TYP		R QUALITY N PS W/ FLOW		OF WATER LEVEL DEVICE EOTECH INTERFACE METER		
X	SIMCO BL	ADDER PERISTALTIC PI	JMP	X HIGH DEN	NSITY POLYETHYLENE		HORIBA U- OTHER	-50 W/ FLOW		OLINST WATER METER THER		
	4	AMETERS	J.W.I.	OTTLER			OTTLER			HIER		
To Be Collect		AMETERS			THOD		PRESERVA	ATION	VOLUME	SAMPLE		
8	X VOC			NUN 8260	<u>MBER</u> DB		METHOD HCL / 4 DE	:G. C	REQUIRED 3 X 40 mL	COLLECTED X VOC		
STANDAR	X SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2	2 X1LAG 1 X1LP	X SVOC X TAL INORGANICS		
	TAL VOC	INORGANICS		CLP 8260			HNO3 to pl		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC		
DUPLICATE	SVO	С		CLP			4 DEG. C		X 1 LAG	svoc		
DUPI		INORGANICS INORGANICS		CLP CLP			HNO3 to pl HNO3 to pl		X1LP X1LP	TAL INORGANICS TAL INORGANICS (FILTERED)		
	VOC SVO			8260 CLP			HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG	VOC SVOC		
Σ	TAL	INORGANICS		CLP			HNO3 to pl		X 1 LP	TAL INORGANICS		
	VOC			CLP 8260			HNO3 to pl HCL / 4 DE		X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC		
MSD	SVOC CLP TAL INORGANICS CLP						4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS		
	TAL INORGANICS CLP						HNO3 to pl	H <2	X 1 LP	TAL INORGANICS (FILTERED)		
PURGE (OBSERVA	TIONS					COMMENT	S				
PURGE W		YES X	NO	NUMBER OF G GENERATED	ALLONS 0.465		Clayish col	or particles				
NOTES			_ 			7						
All equipme		ner dedicated or de eate / field blank re		0								
		11	home O	Wagu								
SIGNITU	RE:											
5.511.10	·											

FIELD	DATA	RECORD -	GROU	NDWA	TER SA	AMPLING						Circ	
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_/	AREA.E_RF	I-PZ-17_121:	2	ONTABIO S	OSC	CONTRACTING, INC.
WELL ID		RFI-PZ-	17			SAMPLE EVENT		AREA.E_40	Q2012			MPLE DATE	12/11/2012
TIME	START	1:45 PM	END 2	:00 PM		JOB NUMBER		0913ON	ИМ		SAMPLER	Tom	n Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s			MEASUREMENT POIN						EMOVAL METH	HOD
STATIC D		11.68	FT			X TOP OF WELL R TOP OF PROTEC					BAILER PERISTALTIC PUMP ABSORBENT SOCK		
WELL Unknown FT			MEASUREMENT POINT ELEVATION			586.123	FASL		DEPTH TO NA NON DETECT (N	PL	ND FT		
	WELL 2.0 IN			WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL			2.5 IN			NAPL VO		GAL	
	REEN NGTH	Unknown	FT	INT		PROTECTIVE CASING PROPERLY SECURED	YES	X NO					
TOTAL PUF	VOL. RGED		GAL			TIME OF SAMPLE COLLECTION							
PURGE D	DATA					SPECIFIC	-						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml		EMP. eg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDI (ntu)	TY	REDOX (ORP)		COMMENTS
				_									
				-						-			
EOLIIBME	NT DOC	JMENTATION											
	OF PUMP WAILER	DIVIENTATION		_	OF TUBING	<u>3</u>	TYPE		R QUALITY PS W/ FLOW			WATER LEVI	EL DEVICE RFACE METER
	SIMCO BL		IMP	Х	HIGH DEN	SITY POLYETHYLENE		HORIBA U	-50 W/ FLOV		LL SO	LINST WATER	
		PERISTALTIC PI	JMP	(OTHER			OTHER			<u></u> 0	HER	
To Be Collect		AMETERS			METH			PRESERV	ATION		VOLUME	SAMPLE	
8	VOC				<u>NUMI</u> 82601			METHOD HCL / 4 DE	G. C	ļ	REQUIRED X 40 mL	VOC	
STANDAR	SVO	C INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC) NORGANICS
	TAL	NORGANICS			CLP	_		HNO3 to pl	H <2		X 1 LP	TAL IN	NORGANICS (FILTERED)
DUPLICATE	VOC SVO				8260E CLP	3		HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	VOC SVOC	;
JUPL		NORGANICS NORGANICS			CLP CLP			HNO3 to pl			X1LP X1LP		NORGANICS NORGANICS (FILTERED)
	VOC				8260	3		HCL / 4 DE			X 40 mL	VOC	, ,
MS S	SVO	NORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL IN	; NORGANICS
		NORGANICS			CLP			HNO3 to pl	H <2		X 1 LP		NORGANICS (FILTERED)
9	VOC SVO				8260E CLP	3		HCL / 4 DE 4 DEG. C	:G. C		X 40 mL X 1 LAG	VOC SVOC	;
SVOC CLP TAL INORGANICS CLP TAL INORGANICS CLP					HNO3 to pl			X1LP X1LP		NORGANICS NORGANICS (FILTERED)			
PURGE C								COMMENT					· , ,
PURGE W.		YES X	NO I		ER OF GA	LLONS							
NOTES	NEED	IES A		GEINE	IVAIED		-						
All equipme		ner dedicated or deate / field blank re		or to									
		11	house C	Shas	m								
SIGNITU	RE:												

	AREA E 2012 QUARTERLY LNAPL INTERFACE METER MEASURMENTS											
Sample Event Year	Sample Event Quarter	Area	Well ID	Sample Date	Start Time	Sampler	Static Depth To Water (ft)	Depth To NAPL Layer (ft)				
2012	1Q	AREA.E	MW-E08	3/29/2012	16:12	Andrew Madden (AM)	9.40	ND				
2012	1Q	AREA.E	MW-E09	3/29/2012	15:04	Andrew Madden (AM)	9.29	ND				
2012	1Q	AREA.E	RFI-PZ-17	3/29/2012	10:00	Andrew Madden (AM)	12.51	ND				
2012	1Q	AREA.E	MW-E10	3/30/2012	12:10	Andrew Madden (AM)	11.47	ND				
2012	1Q	AREA.E	ICM-PZ-02S	3/30/2012	18:44	Andrew Madden (AM)	11.40	ND				
2012	1Q	AREA.E	ICM-PZ-03S	3/30/2012	17:30	Andrew Madden (AM)	11.86	11.84				
2012	2Q	AREA.E	MW-E08	6/29/2012	10:00	Tom Wagner (TW)	10.43	ND				
2012	2Q	AREA.E	MW-E09	6/29/2012	10:15	Tom Wagner (TW)	8.85	ND				
2012	2Q	AREA.E	MW-E10	6/29/2012	10:30	Tom Wagner (TW)	11.17	ND				
2012	2Q	AREA.E	ICM-PZ-03S	6/29/2012	10:45	Tom Wagner (TW)	10.93	10.87				
2012	2Q	AREA.E	ICM-PZ-02S	6/29/2012	11:00	Tom Wagner (TW)	11.45	ND				
2012	2Q	AREA.E	RFI-PZ-17	6/29/2012	11:15	Tom Wagner (TW)	13.70	ND				
2012	3Q	AREA.E	RFI-PZ-17	9/17/2012	13:00	Tom Wagner (TW)	13.43	ND				
2012	3Q	AREA.E	ICM-PZ-02S	9/17/2012	13:10	Tom Wagner (TW)	12.83	ND				
2012	3Q	AREA.E	ICM-PZ-03S	9/17/2012	13:20	Tom Wagner (TW)	13.30	13.15				
2012	3Q	AREA.E	MW-E08	9/17/2012	13:30	Tom Wagner (TW)	12.45	ND				
2012	3Q	AREA.E	MW-E09	9/17/2012	13:40	Tom Wagner (TW)	12.23	ND				
2012	3Q	AREA.E	MW-E10	9/17/2012	13:50	Tom Wagner (TW)	13.65	ND				
2012	4Q	AREA.E	ICM-PZ-02S	12/11/2012	12:05	Tom Wagner (TW)	10.93	ND				
2012	4Q	AREA.E	ICM-PZ-03S	12/11/2012	12:25	Tom Wagner (TW)	11.24	11.18				
2012	4Q	AREA.E	MW-E08	12/11/2012	12:45	Tom Wagner (TW)	5.35	ND				
2012	4Q	AREA.E	MW-E09	12/11/2012	13:05	Tom Wagner (TW)	5.80	ND				
2012	4Q	AREA.E	MW-E10	12/11/2012	13:25	Tom Wagner (TW)	7.96	ND				
2012	4Q	AREA.E	RFI-PZ-17	12/11/2012	13:45	Tom Wagner (TW)	11.68	ND				

ATTACHMENT D SITE INSPECTION SHEETS

SITE-WIDE INSPECTION FORM

Former Buffalo Color Facility, Area E, Buffalo, NY

Date:	2/24/12
Weather:	Light Snow
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

	VIII OIL II DIVID		COND	ITION:	(Check)	
				Action	n Required	
		Acceptable	Not	Yes	No	Remarks
(W	rite NA if not applicable)		Acceptable			
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					
_		1				
d.	scriedule being followed?					
6.	Site Records					
a.	Up to date?	✓				
		<u>√</u>				

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

7.	General Site Conditio	ns
	Good	
	_	
	Thomas O. Way	u
	1	
		Signature of Inspector(s)
Δt	tachments	
2 1 t		/
	Yes	No
Ot	her Comments:	
Nα	one	

SITE-WIDE INSPECTION FORM

Former Buffalo Color Facility, Area E, Buffalo, NY

Date:	6/18/12
Weather:	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

= .			COND	ITION	(Check)
					n Required	
		Acceptable	Not	Yes	No	Remarks
	rite NA if not applicable)		Acceptable			
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 E, Buffalo, NY

7.	General Site Conditions	
	Good	
	_	
	Thomas O. Way	u
		Signature of Inspector(s)
Δt	tachments	
2 1 t		/ N
	Yes	No
Ot	her Comments:	
No	one	
_		

SITE-WIDE INSPECTION FORM

Former Buffalo Color Facility, Area E, Buffalo, NY

Date:	9/25/12
Weather:	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

15 (VALUATION TIEMS		COND	ITION:	(Check)
			COND		n Required	
() ()	wite NIA if we as a well called	Acceptable	Not Acceptable	Yes	No	Remarks
	rite NA if not applicable)		месериавіс			
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 E, Buffalo, NY

7.	General Site Conditio	ns
	Good	
	_	
	Thomas O. Way	u
	1	
		Signature of Inspector(s)
Δt	tachments	
2 1 t		/
	Yes	No
Ot	her Comments:	
Nα	one	

SITE-WIDE INSPECTION FORM

Former Buffalo Color Facility, Area E, Buffalo, NY

Date:	12/20/12
Weather:	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.

CONDITION: (Check)

EVALUATION ITEMS

		CONDITION: (Check)					
			Action Required				
(W	rite 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 E, Buffalo, NY

7.	General Site Conditio	ns
	Good	
	_	
	Thomas O. Way	u
	1	
		Signature of Inspector(s)
Δt	tachments	
2 1 t		/
	Yes	No
Ot	her Comments:	
Nα	one	

SOIL COVER INSPECTION CHECKLIST

2/24/12

Date:

Former Buffalo Color Facility, AreaE, Buffalo, NY

W	eather:	Light Snow				
Personnel (Organization):		Tom Wagner (OSC)				
<u>In</u> :	nstructions: 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.					
	ALUATION ITEMS ONDITION: (Check)					
	Action Required					
(W	rite NA if not applicable)	Acceptable	Not Acceptable	Yes	No	Remarks
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 Concre	e Slabs (occupied str	uctures)			
a.	Condition					
	<u>ECIFIC DATA ITEMS</u> (Wri _{ea(s):} <u>N/A</u>	te NA if not applicable	e)			
	Approximate size in feet are	a(s) (List separately)				
	a) by					
	b) by c) by					
2.	Deepest point of area(s) (e.g	. erosion/damage) m	easu red from tl	ne adjace	nt surface	(List separately)
	a) feet b) feet					
	c) leet					

SOIL COVER INSPECTION CHECKLIST (CONTINUED) Former Buffalo Color Facility, Area E, 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
7	c) feet Attack a hand sketch on photograph to the attacked Site plan showing the location of the settlement
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
	c) feet
9.	Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).
	N/A
	N/A
	Thrue O. Wagn
	Signature of Inspector(s)
Atı	tachments
	Yes ✓ No
Otl	her Comments:
No	ne

SOIL COVER INSPECTION CHECKLIST

Date:

Former Buffalo Color Facility, AreaE, Buffalo, NY 6/18/12

We	eather:	Sunny				
Pe	rsonnel (Organization):	Tom Wagner (OSC)				
<u>Ins</u>	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.					
	ALUATION ITEMS NDITION: (Check) Action Required					
(Wı	ite NA if not applicable)	Acceptable	Not Acceptable	Yes	No	Remarks
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 Concret	•				
a.	Condition					
SPE	<u>ECIFIC DATA ITEMS</u> (Wri	te NA if not applicable	,			
Are	a(s): N/A					
	Approximate size in feet are	a(s) (List separately)				
	a) by	-(c, (=:===),				
	b) by					
	c) by					
2.	Deepest point of area(s) (e.g	ı. erosion/damage) me	easu red from tl	ne adjacei	nt surface	(List separately)
	a) feet					
	b) feet c) feet					
	,					

SOIL COVER INSPECTION CHECKLIST (CONTINUED) Former Buffalo Color Facility, Area E, 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
7	c) feet Attack a hand sketch on photograph to the attacked Site plan showing the location of the settlement
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
	c) feet
9.	Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).
	N/A
	N/A
	Thrue O. Wagn
	Signature of Inspector(s)
Atı	tachments
	Yes ✓ No
Otl	her Comments:
No	ne

SOIL COVER INSPECTION CHECKLIST

Date:

Former Buffalo Color Facility, Area $\mathbf E$, Buffalo, NY 9/25/12

W	eather:	Sunny				
Pe	rsonnel (Organization):	Tom Wagner (OSC)				
<u>Ins</u>	items. Field measurement Estimated measurement hand sketches, photographer completed checklist to	ents should be ma its shall be so note aphs, and notes m	de with a clo ed. All field n nade on the S	th tape otes and lite plan	and note d docum	ed on a Site plan. entation, including
_	ALUATION ITEMS ONDITION: (Check)					
	Action Required					
(W	rite NA if not applicable)	Acceptable	Not Acceptable	Yes	No	Remarks
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 Concret	e Slabs (occupied stru	uctures)			
a.	Condition					
	ECIFIC DATA ITEMS (Wri	te NA if not applicable	<u>=</u>)			
	ea(s): N/A	a(a) (list somewately)				
1.	Approximate size in feet are a) by b) by c) by	a(s) (List separately)				
2.		. erosion/damage) me	easu red from tl	he adjace	nt surface	(List separately)

SOIL COVER INSPECTION CHECKLIST (CONTINUED) Former Buffalo Color Facility, Area E, 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
7	c) feet Attack a hand sketch on photograph to the attacked Site plan showing the location of the settlement
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
	c) feet
9.	Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).
	N/A
	N/A
	Thrue O. Wagn
	Signature of Inspector(s)
Atı	tachments
	Yes ✓ No
Otl	her Comments:
No	ne

SOIL COVER INSPECTION CHECKLIST

Date:

Former Buffalo Color Facility, Area $\mathbf E$, Buffalo, NY $^{12/20/12}$

W	eather:	Ptl. Cloudy				
Pe	rsonnel (Organization):	Tom Wagner (OSC)				
<u>In</u>	items. Field measurement Estimated measurement hand sketches, photograce completed checklist to	ents should be ma its shall be so note aphs, and notes m	de with a clo d. All field n nade on the S	th tape otes and Site plan	and note d docum , should	ed on a Site plan. entation, including
ΕV	ALUATION ITEMS					
CC	ONDITION: (Check)					
	Action Required					
(W	rite NA if not applicable)	Acceptable	Not Acceptable	Yes	No	Remarks
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 Concret	e Slabs (occupied stru	ıctures)			
a.	Condition					
	ECIFIC DATA ITEMS (Wri	te NA if not applicable	<u>e)</u>			
	ea(s): N/A					
1.	Approximate size in feet are a) by b) by c) by	a(s) (List separately) 				
2.	Deepest point of area(s) (e.g a) feet b) feet c) feet	. erosion/damage) me	easu red from tl	he adjace	nt surface	(List separately)

SOIL COVER INSPECTION CHECKLIST (CONTINUED) Former Buffalo Color Facility, Area E, 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
7	c) feet Attack a hand sketch on photograph to the attacked Site plan showing the location of the settlement
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
	c) feet
9.	Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).
	N/A
	N/A
	Thrue O. Wagn
	Signature of Inspector(s)
Atı	tachments
	Yes ✓ No
Otl	her Comments:
No	ne

ATTACHMENT E ARMOR ELECTRIC STORM SEWER INSTALLATION REPORT



Ontario Specialty Contracting, Inc.

Environmental Remediation

Demolition / Dismantlement

Brownfield Redevelopment

March 8, 2013

Mr. Eugene W. Melnyk, P.E. Division of Environmental Remediation New York State Department of Environmental Conservation 270 Michigan Avenue Buffalo, New York 14203

Subject: Armor Electric Storm Sewer Construction Report

Buffalo Color Remediation Site

NYSDEC Site # C915232

OSC 0913-OMM

Dear Mr. Melnyk:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting a Construction Complete Report for the Armor Electric storm sewer remediation work completed in November of 2012.

The storm sewer remediation work performed at the Armor Electric Property was conducted to ensure that groundwater was effectively isolated from the entering the system. The attached as-built construction drawings and installation log provide both the methods employed and chronological progression of the work performed.

Included with the report are:

- Storm Sewer installation log;
- City of Buffalo Building Permit;
- Buffalo Sewer Authority Temporary Discharge Permit;
- Armor Electric Storm Sewer Trench Spoils Analytical Results; and
- Armor Electric Storm Sewer Rehabilitation As-Built Drawings.

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.

Puden Andh.

cc: Richard Galloway Honeywell

George Pfeiffer De Maximis, Inc.

Daniel Forlastro AMEC Environment & Infrastructure John Yensan South Buffalo Development, LLC

ARMOR ELECTRIC STORM SEWER INSTALLATION LOG



Ontario Specialty Contracting, Inc. 333 Ganson Street, Buffalo, NY 14203 Phone (716) 856-3333 Fax (716) 842-1785

Project Name:	Buffalo Color	Project Num	nber:	0913-R	Prepared by:	Andrew Madden
Client:	South Buffalo Development, I	LLC			Frequency:	Progressive
Contractor:	Ontario Specialty Contracting	(OSC)	OSC	Supervisor:	Andrew Madde	n

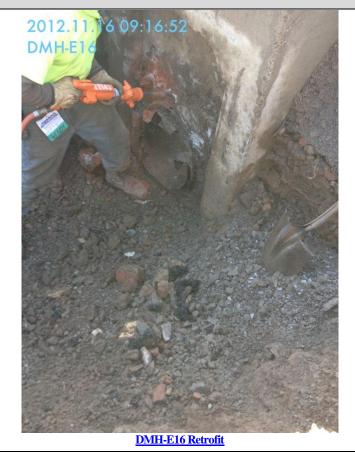
DATE	LOG NARRATIVE	PHOTO LO	G LINKS
Friday November 16th 2012	Niagara Boundary (Surveyors) previously marked out the storm sewer installation centerline within the Armor Electric parking lot on 11/12/2012. Capital Cutting (pavement cutting contractor) cut the existing parking lot asphalt at a 1 foot offset from each side of the marked out centerline on 11/13/2012. OSC began installation on 11/16/2012 and started by exposing the Area E tie in manhole (DMH-E16). Groundwater was encountered at approximately 4 to 5 feet below grade. Subsequently, dewatering activities were initiated; which included progressively pumping groundwater from trench low points into a 21K gal holding tank staged within the Area E property. The northern intersecting 10" clay tile pipe was removed and the replacement 12" HDPE pipe was outfitted with a "water stop" grouting ring before installation by way of quick set hydraulic cement. A small diameter gas line was unexpectedly encountered near station A0+25. National Fuel Gas responded to the site, verified the line was inactive and allowed its removal from the installation trench. A 10" concrete wall was encountered near station A0+35 and was subsequently removed by hydraulic hammers. Catch basin CB-A was set in place, backfilled and the 12" HDPE corrugated pipe connections were completed by way of the designed watertight boot seal application. A licensed journeyman plumber from JW Danforth (JWD), required by the City of Buffalo Permitting Department under the building permit no. 188743 (Attachment A), was on site to assist with the installation. A Mallare Enterprises, Inc. (Mallare) dump truck and driver were onsite to transport direct loaded soil spoils removed from the trench to a Poly sheeted and stone bermed containment cell located within the Area A property for future profile and disposal; which are to be coordinated alongside Area A trench spoils disposal activities. Because the excavated trench spoils were predestined for disposal, field PID (photoionization detector) screenings were reserved for materials exhibiting physical characteristics	DMH-E16 Retrofit Concrete Wall	NFG Line Tap Trench Cut

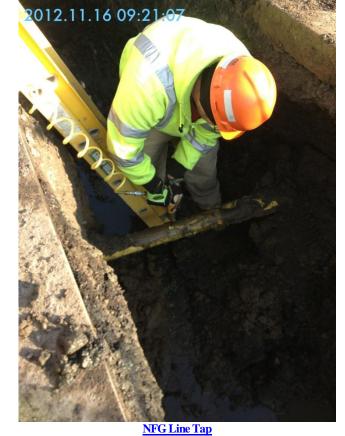
DATE	LOG NARRATIVE	PHOTO LO	OG LINKS
Saturday November 17th 2012	Work initiated towards the installation of the 6" HDPE Roof Drain Profile [E] and completing backfilling and compaction activities between STA A0+00 to A1+00 and Roof Drain Profile [F]. Dewatering and trench soil spoils management progressed with unchanged procedures from the previous day. The soil spoils excavated throughout the day did not exhibit any unusual characteristics worth noting. The days progress ended with the installation of 40 feet of 12" HDPE Pipe from STA A1+00 to A1+40 and the 6" HDPE Roof Drain Profile [E]. Personnel: OSC (4), JWD (1), Mallare (1) OSC Equipment: Takeuchi TB175 Mini Excavator; Takeuchi TB016 Mini Excavator w/ Hydraulic Hammer; Komatsu WA-320-6 Wheel Loader; Bobcat S185; Mallare Triaxle Dump Truck; Weber DPU-6055 Plate Compactor; Weber BS600 Jumping-Jack Compactor; Sullivan D185Q11JD 185 CFM Air Compressor; Kanalbaulaser 4700 Beam Aligner; TOPCON RLH4C-DB Rotating Laser; Adler 21K gal Holding Tank; 2K lb Carbon Vessel; Inline Dual Bag Filter Skid; Wacker PT2A 2 in Trash Pump. Weather: Clear / 45 Deg	2012.11.17 09:25:43 Armor Roof Drain Profile [E]	Armor Trench Spoils
Monday November 19th 2012	Activities initiated with the installation of the 6" HDPE Roof Drain Profile [D] and continuing the trench excavation towards the catch basin CB-E installation location. Dewatering and trench soil spoils management progressed with unchanged procedures from their initiation on 11/16/2012. The soil spoils excavated throughout the day did not exhibit any unusual characteristics worth noting. Backfilling and compaction activities continued alongside installation. The days progress ended with the installation of catch basin CB-E, 45 feet of 12" HDPE Pipe from STA A1+40 to A1+85 and the 6" HDPE Roof Drain Profile [D]. Personnel: OSC (3), JWD (1), Mallare (1) OSC Equipment: Takeuchi TB175 Mini Excavator; Takeuchi TB016 Mini Excavator w/ Hydraulic Hammer; Komatsu WA-320-6 Wheel Loader; Bobcat S185; Mallare Triaxle Dump Truck; Weber DPU-6055 Plate Compactor; Weber BS600 Jumping-Jack Compactor; Sullivan D185Q11JD 185 CFM Air Compressor; Kanalbaulaser 4700 Beam Aligner; TOPCON RLH4C-DB Rotating Laser; Adler 21K gal Holding Tank; 2K lb Carbon Vessel; Inline Dual Bag Filter Skid; Wacker PT2A 2 in Trash Pump. Weather: Clear / 50 Deg	Crusher Run Compaction	CB-E Install

DATE	LOG NARRATIVE	PHOTO LO	OG LINKS
Tuesday November 20th 2012	Visone Construction, Inc. (Visone) was onsite to begin pavement restoration work. Visone initiated etching out and compacting a 3" depth within placed and compacted 2" crusher run subbase, alongside installing the frame and grate assembly for CB-A. Following these activities, Visone progressed into placing and rolling asphalt starting from manhole DMH-E16. OSC continued to trench through to STA 2+67 and began installing catch basin CB-G and Roof Drain Profile [C]. Dewatering and trench soil spoils management progressed with unchanged procedures from their initiation on 11/16/2012. The soil spoils excavated throughout the day did not exhibit any unusual characteristics worth noting. The days progress ended with the installation of catch basin CB-G, 82 feet of 12" HDPE Pipe from STA A1+85 to A2+67, 6" HDPE Roof Drain Profile [C] and asphalt pavement restoration from STA A0+00 to A1+50 and Drain Profile [F].	Watertight Connection	CB-A Frame & Grate
Tuesday No	OSC Equipment: Takeuchi TB175 Mini Excavator; Takeuchi TB016 Mini Excavator w/ Hydraulic Hammer; Komatsu WA-320-6 Wheel Loader; Bobcat S185; Mallare Triaxle Dump Truck; Weber DPU-6055 Plate Compactor; Weber BS600 Jumping-Jack Compactor; Sullivan D185Q11JD 185 CFM Air Compressor; Kanalbaulaser 4700 Beam Aligner; TOPCON RLH4C-DB Rotating Laser; Adler 21K gal Holding Tank; 2K lb Carbon Vessel; Inline Dual Bag Filter Skid; Wacker PT2A 2 in Trash Pump. Visone Equipment: CAT 305 Excavator; New Holland LS180 Skid Steer; CAT CB-224E Roller; Dual Axle Dump Truck; Weber DPU-6055 Plate Compactor. Weather: Cloudy / 40 Deg	CB-G Install	2012:11:20 14:03:05 DMH-E16 Pavement
Wednesday November 21st 2012	OSC continued to trench profile B and remove the three latent concrete manholes grouped within the southern side of the parking lot. Following these activities, OSC proceeded to install catch basin CB-D and complete all remaining backfill and compaction efforts. Visone progressed with the fine grading and asphalt pavement placement. Dewatering and trench soil spoils management continued. The minimal amount of concrete and soil spoils left to be removed was transported to the Area A staging location with the Komatsu Front Loader. The last of the excavated concrete and soil spoils did not exhibit any unusual characteristics worth noting. The days progress ended with the installation of catch basin CB-D, 31 feet of 12" HDPE Pipe from STA B0+00 to B0+31 and asphalt pavement restoration from STA A1+50 to A2+67, B0+00 to B0+20 and Drain Profiles [C], [D] and [E]. The remaining areas for pavement restoration were confined to a 20x10 sf area just south of the catch basin CB-D. Personnel: OSC (5), JWD (1), Visone (5) OSC Equipment: Takeuchi TB175 Mini Excavator; Takeuchi TB016 Mini Excavator w/ Hydraulic Hammer; Komatsu WA-320-6 Wheel Loader; Bobcat S185; Weber DPU-6055 Plate Compactor; Weber BS600 Jumping-Jack Compactor; Sullivan D185Q11JD 185 CFM Air Compressor; Kanalbaulaser 4700 Beam Aligner; TOPCON RLH4C-DB Rotating Laser; Adler 21K gal Holding Tank; 2K lb Carbon Vessel; Inline Dual Bag Filter Skid; Wacker PT2A 2 in Trash Pump. Visone Equipment: CAT 305 Excavator; New Holland LS180 Skid Steer; CAT CB-224E Roller; Dual Axle Dump Truck; Weber DPU-6055 Plate Compactor. Weather: Overcast / 45 Deg	Profile B Advance	Remaining Restoration

DATE	LOG NARRATIVE	РНОТО LC	OG LINKS
Monday November 26th 2012	Visone returned to the site and completes the pavement restoration for the remaining 20x10 sf area just south of the catch basin CB-D. OSC begins processing the groundwater stored within the staged 21K gallon holding tank and discharging the treated effluent to a local Buffalo Sewer Authority sanitary sewer manhole under a temporary discharge permit no. 12-11-TP189 (Attachment B). Water treatment consisted of particulate filtration and carbon absorption. Alongside water treatment activities, OSC continues to demobilize remaining materials and equipment from the site. Personnel: OSC (5), JWD (1), Visone (5) OSC Equipment: Komatsu WA-320-6 Wheel Loader; Bobcat S185; Sullivan D185Q11JD 185 CFM Air Compressor; Adler 21K gal Holding Tank; 2K lb Carbon Vessel; Inline Dual Bag Filter Skid; Wacker PT2A 2 in Trash Pump. Visone Equipment: New Holland LS180 Skid Steer; CAT CB-224E Roller; Dual Axle Dump Truck; Weber DPU-6055 Plate Compactor. Weather: Overcast / 35 Deg	Pavement Complete Hard Spoils	Concrete Spoils Soil Spoils

PORTRAIT PHOTO LOG

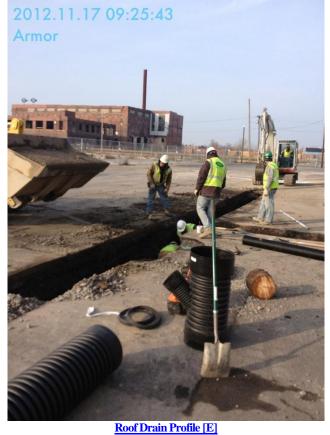








PORTRAIT PHOTO LOG







Crusher Run Compaction





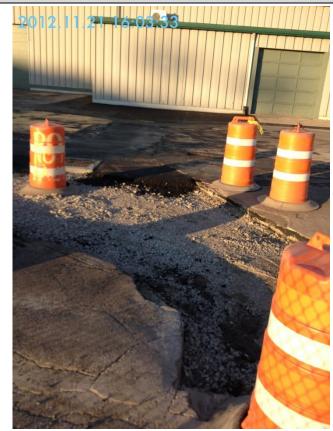


CB-A Frame & Grate

PORTRAIT PHOTO LOG







Remaining Restoration



Concrete Spoils

LANDSCAPE PHOTO LOG



Armor Trench Spoils



CB-E Install



CB-G Install

LANDSCAPE PHOTO LOG



DMH-E16 Pavement



Pavement Complete



Hard Spoils

LANDSCAPE PHOTO LOG



Soil Spoils

Attachment A City of Buffalo Building Permit

. Building a Better Buffalo

Byran W. Brown, Mayor

Application Type: PLUMB-GC

Please contact the Inspector at (716)851-4949 or at the number listed below prior to starting any work.

Application/Permit No.: 188743

Location: 343 ELK

Owner: Two(2) primary owners found

Contractor: JOHN W. DANFORTH COMPANY

SBL No.: 1221200001009121

Land Use: 710 - MANUFACTURING AND PROCESSING

Census Track: 163.00

Inspector:

Description of Work: PLAN SITE STORM SYSTEM 12,800 SQ.FT.

Issue Date: 11/27/2012

Issued By: DVIRGIL

Fee(s): \$ 214.00

License No.: 174935

License Type: PLU

Value: \$0.00

Plans: No

Commissioner, Dept of Economic Development

ames Comenford 🕽

Thank you for investing in the City of Buffalo

AND AS SHOWN ON APPLICATION NUMBERED ABOVE. WHICH APPLICATION IS MADE PART OF THIS PERMIT. AND AS SHOWN ON AFFEIGN HOW COMMERCED ABOVE, WITHOUT AFFEIGN HOW IS MADE FART OF THIS FEMALE.

*** ALL GENERAL CONTRACTORS AND SUB-CONTRACTORS MUST CARRY A CITY LICENSE **

*** ALL WORK PERFORMED AND ANY ASSOCIATED PLANS SUBMITTED FOR THE ISSUANCE OF THIS PERMIT, SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODES, ORDINANCES AND REGULATIONS. THIS PERMIT IS VOID IF FOUND TO BE ISSUED IN VIOLATION OF ANY LAW OR ORDINANCE AND CONDITIONS STATED ABOVE.

THIS PERMIT MUST BE DISPLAYED WHERE IT IS VISIBLE FROM THE STREET

Attachment B Buffalo Sewer Authority Temporary Discharge Permit

Permit No.: 12-11-TP189

EPA CATEGORY 40 CFR 403 Expiration Date: May 31, 2013 Date Paid: November 13, 2012

BUFFALO SEWER AUTHORITY

TEMPORARY DISCHARGE PERMIT

Permittee: Ontario Specialty Contracting, Inc.

Location Address: 333 Ganson Street, Buffalo, New York, 14203

The above named Permittee is hereby approved to discharge **carbon treated groundwater** to the sanitary or combined sewer only, from:

Armor Electric Motor and Crane Services, 343 Elk Street, Buffalo, New York 14210

to the Buffalo Sewer Authority facilities in accordance with the Buffalo Sewer Authority Regulations, Article VI, Section 14, and subject to the following conditions:

ARTICLE 1 CONDITIONS OF ACCEPTANCE

The discharge of the approved waste by the Permittee shall be subject to the following conditions:

a. Times, Location & Rate

The following location is designated for discharge during the hours listed and subject to the limit for rate of discharge specified:

Location: (see attached map)

Time Discharge is Permitted: 24 hours per day, Monday thru Sunday

Limit on Rate of Discharge: 15 gallons per minute, dry weather only.

b. Operations

The Permittee shall maintain cleanliness, minimize odors and protect the Buffalo Sewer Authority facilities during the permittee's operations. The Permittee shall not permit any condition to arise which may pose a threat to public health or safety.

Permit No.: 12-11-TP189

c. <u>Samples and Analyses</u>

The Buffalo Sewer Authority may from time to time, require the Permittee to sample and analyze its waste discharges. Such sampling and analyses shall be performed and results submitted by a New York State Dept. of Health certified laboratory. The analyses required shall be as specified by the Buffalo Sewer Authority, which also reserves the right, at its convenience, to sample wastes discharged by the Permittee.

d. Refusal to Discharge

The Buffalo Sewer Authority may refuse the Permittee permission to discharge wastes at any time and for any reason whatsoever, for the protection of sewer facilities against damage or flooding; to assure the proper operation and maintenance of said facilities; or to protect public health, safety or welfare.

e. Local Limits

Except as otherwise specified in this permit, the permit holder shall comply with all specific prohibitions, limits on pollutants or pollutant parameters set forth in the Buffalo Sewer Authority Sewer Use Regulations, as amended from time to time, and such prohibitions, limits and parameters shall be deemed pretreatment standards for purposes for the Clean Water Act.

ARTICLE 2 REGULATIONS

The Permittee must conform to all Buffalo Sewer Authority regulations and appropriate Federal, State and County Statutes, rules, mandates, directives, and orders concerning the collection, transportation, treatment and disposal of wastewaters.

ARTICLE 3 INSURANCE AND INDEMNIFICATION

The Permittee, agrees to indemnify and hold harmless the Buffalo Sewer Authority and its agents and employees against any and all claims resulting from work performed under this permit. The permittee shall be solely responsible for any and all injury or damage to its employees or property arising from use of Buffalo Sewer Authority facilities under this permit.

In the event of any alteration, non-renewal or cancellation of these policies, at least (45) forty-five days advance notice shall be given to the Industrial Waste Section, Bird Island Treatment Plant, 90 West Ferry Street, Buffalo, New York 14213 - before such change shall be effective.

ARTICLE 4 TERMINATION FOR VIOLATION OF AGREEMENT

Permit No.: 12-11-TP189

In the event of a violation of any of the terms and conditions of this permit by the Permittee or upon the failure to pay the charges herein specified, the Buffalo Sewer Authority shall terminate the permit by service of notice of termination by registered mail at the Permittee's office address as set forth above.

ARTICLE 5 PERMITTEE APPROVAL

Official Andrew Madden Print Name	Title Project Manager
Signature And Edde	Date 11-14-2012

ARTICLE 6 BUFFALO SEWER AUTHORITY APPROVAL

Approved as to Content:

Signature Sedde Industrial Waste Administrator

Date 1 14 2012

Effective this 13th day of Marine, 201

General Manager Buffalo Sewer Authority

Attachment C Armor Electric Storm Sewer Trench Spoils Analytical Results

2

3

5

7

10

12

14

1,



THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

TestAmerica Job ID: 480-29541-1

Client Project/Site: OSC- Former Buffalo Color Sites

For:

Ontario Specialty Contracting, Inc. 333 Ganson St. Buffalo, New York 14203

Attn: Andrew Madden

Authorized for release by: 12/14/2012 1:36:46 PM

Robert Wienke

Project Administrator

robert.wienke@testamericainc.com

Designee for

John Schove

Project Manager I

john.schove@testamericainc.com

·····LINKS ······

Review your project results through
Total Access

Have a Question?



Visit us at: www.testamericainc.com

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

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

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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	8
QC Sample Results	10
QC Association Summary	15
Lab Chronicle	17
Certification Summary	18
Method Summary	19
Sample Summary	20
Receipt Checklists	21
Chain of Custody	22

5

7

g

10

12

11

1

Definitions/Glossary

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

TestAmerica Job ID: 480-29541-1

Qualifiers

GC Semi VOA

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

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
В	Compound was found in the blank and sample.

Glossary

RPD

TEF

TEQ

Listed under the "D" column to designate that the result is %R Percent Recovery CNF Contains no Free Liquid DER Duplicate error ratio (normalized absolute difference) DL, RA, RE, IN Indicates a Dilution, Reanalysis, Re-extraction, or addition DLC Decision level concentration	
CNF Contains no Free Liquid DER Duplicate error ratio (normalized absolute difference) DL, RA, RE, IN Indicates a Dilution, Reanalysis, Re-extraction, or addition	al Initial metals/anion analysis of the sample
DER Duplicate error ratio (normalized absolute difference) DL, RA, RE, IN Indicates a Dilution, Reanalysis, Re-extraction, or addition	al Initial metals/anion analysis of the sample
DL, RA, RE, IN Indicates a Dilution, Reanalysis, Re-extraction, or addition	al Initial metals/anion analysis of the sample
• • •	al Initial metals/anion analysis of the sample
DLC Decision level concentration	
EDL Estimated Detection Limit	
EPA United States Environmental Protection Agency	
MDA Minimum detectable activity	
MDC Minimum detectable concentration	
MDL Method Detection Limit	
ML Minimum Level (Dioxin)	
ND Not detected at the reporting limit (or MDL or EDL if showr	n)
PQL Practical Quantitation Limit	
QC Quality Control	
RER Relative error ratio	
RL Reporting Limit or Requested Limit (Radiochemistry)	

Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin)

Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

TestAmerica Job ID: 480-29541-1

Job ID: 480-29541-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-29541-1

Receipt

The samples were received on 12/4/2012 3:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.8° C, 3.2° C and 3.6° C.

GC/MS VOA

Method(s) 8260B: The following sample(s) was diluted due to the nature of the TCLP sample matrix: (LB 480-94515/1-A), BCP_AREA_E_ARMOR_PROFILE_20121203 (480-29541-1). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA

No analytical or quality issues were noted.

GC Semi VOA

Method(s) 8082: The following sample contained more than one Aroclor component: BCP_AREA_E_ARMOR_PROFILE_20121203 (480-29541-1). Results are estimated due to shared peaks.

Method(s) 8082: The continuing calibration verification (CCV) for surrogate Decachlorobiphenly associated with batch 94713 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data has been reported.

Method(s) 8082: The continuing calibration verification (CCV) for surrogate Decachlorobiphenyl associated with batch 94713 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data has been reported.

No other analytical or quality issues were noted.

Metals

Method(s) 6010B: The TCLP Extractor Blank, LB 480-94393, contained total barium above the reporting limit (RL). The associated sample BCP_AREA_E_ARMOR_PROFILE_20121203 (480-29541-1) contained a detect for this analyte at a concentration greater than 10X the value found in the TCLP Extractor Blank; therefore, re-extraction and/or re-analysis of the sample was not performed.

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Λ

7

8

40

11

12

14

15

Detection Summary

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

TestAmerica Job ID: 480-29541-1

Lab Sample ID: 480-29541-1

Client Sample ID:

BCP_AREA_E_ARMOR_PROFILE_20121203

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.29		0.29	0.056	mg/Kg		₩	8082	Total/NA
PCB-1254	0.17	J	0.29	0.13	mg/Kg	1	₩	8082	Total/NA
Barium	0.98	В	0.0020	0.00070	mg/L	1		6010B	TCLP
Cadmium	0.061		0.0010	0.00050	mg/L	1		6010B	TCLP
Chromium	0.0065		0.0040	0.0010	mg/L	1		6010B	TCLP
Lead	0.061		0.0050	0.0030	mg/L	1		6010B	TCLP
Mercury	0.00014	J	0.00020	0.00012	mg/L	1		7470A	TCLP

3

4

5

7

Q

10

12

13

14

15

Client Sample Results

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

TestAmerica Job ID: 480-29541-1

Lab Sample ID: 480-29541-1

BCP_AREA_E_ARMOR_PROFILE_20121203

Date Collected: 12/03/12 15:00 Matrix: Solid

Date Received: 12/04/12 15:30

Client Sample ID:

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			12/10/12 12:20	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			12/10/12 12:20	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			12/10/12 12:20	10
Benzene	ND		0.010	0.0041	mg/L			12/10/12 12:20	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			12/10/12 12:20	10
Chlorobenzene	ND		0.010	0.0075	mg/L			12/10/12 12:20	10
Chloroform	ND		0.010	0.0034	mg/L			12/10/12 12:20	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			12/10/12 12:20	10
Trichloroethene	ND		0.010	0.0046	mg/L			12/10/12 12:20	10
Vinyl chloride	ND		0.010	0.0090	mg/L			12/10/12 12:20	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		66 - 137			_		12/10/12 12:20	10
4-Bromofluorobenzene (Surr)	86		73 - 120					12/10/12 12:20	10
Toluene-d8 (Surr)	94		71 - 126					12/10/12 12:20	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		12/10/12 16:55	12/11/12 19:19	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		12/10/12 16:55	12/11/12 19:19	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		12/10/12 16:55	12/11/12 19:19	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		12/10/12 16:55	12/11/12 19:19	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		12/10/12 16:55	12/11/12 19:19	1
3-Methylphenol	ND		0.010	0.00040	mg/L		12/10/12 16:55	12/11/12 19:19	1
4-Methylphenol	ND		0.010	0.00036	mg/L		12/10/12 16:55	12/11/12 19:19	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		12/10/12 16:55	12/11/12 19:19	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		12/10/12 16:55	12/11/12 19:19	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		12/10/12 16:55	12/11/12 19:19	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		12/10/12 16:55	12/11/12 19:19	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		12/10/12 16:55	12/11/12 19:19	1
Pyridine	ND		0.025	0.00041	mg/L		12/10/12 16:55	12/11/12 19:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	102		52 - 132	12/10/12 16:55	12/11/12 19:19	1
2-Fluorobiphenyl	84		48 - 120	12/10/12 16:55	12/11/12 19:19	1
2-Fluorophenol	35		20 - 120	12/10/12 16:55	12/11/12 19:19	1
Nitrobenzene-d5	80		46 - 120	12/10/12 16:55	12/11/12 19:19	1
Phenol-d5	31		16 - 120	12/10/12 16:55	12/11/12 19:19	1
p-Terphenyl-d14	102		67 - 150	12/10/12 16:55	12/11/12 19:19	1

Method: 8082 - Polychlorinate	ed Biphenyls (PCBs) by Gas C	hromatograph	ny					
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND ND	0.29	0.056	mg/Kg	*	12/06/12 16:58	12/08/12 20:46	1
PCB-1221	ND	0.29	0.056	mg/Kg	₽	12/06/12 16:58	12/08/12 20:46	1
PCB-1232	ND	0.29	0.056	mg/Kg	₽	12/06/12 16:58	12/08/12 20:46	1
PCB-1242	ND	0.29	0.056	mg/Kg	\$	12/06/12 16:58	12/08/12 20:46	1
PCB-1248	0.29	0.29	0.056	mg/Kg	₩	12/06/12 16:58	12/08/12 20:46	1
PCB-1254	0.17 J	0.29	0.13	mg/Kg	₽	12/06/12 16:58	12/08/12 20:46	1
PCB-1260	ND	0.29	0.13	mg/Kg		12/06/12 16:58	12/08/12 20:46	1

TestAmerica Buffalo

12/14/2012

Page 6 of 22

2

Л

5

7

9

11

12

14

Client Sample Results

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

TestAmerica Job ID: 480-29541-1

Client Sample ID:

Lab Sample ID: 480-29541-1

BCP_AREA_E_ARMOR_PROFILE_20121203

 Date Collected: 12/03/12 15:00
 Matrix: Solid

 Date Received: 12/04/12 15:30
 Percent Solids: 82.1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	139		36 - 182				12/06/12 16:58	12/08/12 20:46	1
Tetrachloro-m-xylene	113		24 - 172				12/06/12 16:58	12/08/12 20:46	1
- Method: 6010B - TCLP RCRA	A Metals - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		12/07/12 12:50	12/10/12 15:58	1
Barium	0.98	В	0.0020	0.00070	mg/L		12/07/12 12:50	12/10/12 15:58	1
Cadmium	0.061		0.0010	0.00050	mg/L		12/07/12 12:50	12/10/12 15:58	1
Chromium	0.0065		0.0040	0.0010	mg/L		12/07/12 12:50	12/10/12 15:58	1
Lead	0.061		0.0050	0.0030	mg/L		12/07/12 12:50	12/10/12 15:58	1
Selenium	ND		0.015	0.0087	mg/L		12/07/12 12:50	12/10/12 15:58	1
Silver	ND		0.0030	0.0017	mg/L		12/07/12 12:50	12/10/12 15:58	1
Method: 7470A - TCLP Merc	ury - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00014	J	0.00020	0.00012	mg/L		12/07/12 13:30	12/07/12 16:19	1

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

Method: 8260B - TCLP Volatiles

Matrix: Solid Prep Type: Total/NA

				gate Recovery (Acceptanc	e Limits)	
		12DCE	BFB	TOL		
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)		
LCS 480-94955/3	Lab Control Sample	92	87	92		
MB 480-94955/4	Method Blank	92	88	94		

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

Method: 8260B - TCLP Volatiles

Matrix: Solid **Prep Type: TCLP**

 				Percent Sur	urrogate
		12DCE	BFB	TOL	
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)	
480-29541-1	BCP_AREA_E_ARMOR_PROFILE_	91	86	94	
LB 480-94515/1-A LB	Method Blank	90	87	95	
Surrogate Legend					
12DCE = 1,2-Dichloroet	hane-d4 (Surr)				
BFB = 4-Bromofluorober	nzene (Surr)				
TOL = Toluene-d8 (Surr)	1				

Method: 8270C - TCLP Semivolatiles

Matrix: Solid Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
		ТВР	FBP	2FP	NBZ	PHL	TPH			
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)			
LCS 480-95069/2-A	Lab Control Sample	109	97	42	92	37	108			
MB 480-95069/1-A	Method Blank	105	92	41	88	34	110			
MB 480-95069/1-A	Method Blank	105	92	41	88	34	110			

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5 PHL = Phenol-d5

TPH = p-Terphenyl-d14

Method: 8270C - TCLP Semivolatiles

Matrix: Solid **Prep Type: TCLP**

				Percent Sur	rogate Reco	very (Accept	ance Limits)
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-29541-1	BCP_AREA_E_ARMOR_PROFILE_	102	84	35	80	31	102

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

TestAmerica Buffalo

12/14/2012

Page 8 of 22

Surrogate Summary

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

NBZ = Nitrobenzene-d5 PHL = Phenol-d5 TPH = p-Terphenyl-d14

TCX = Tetrachloro-m-xylene

TestAmerica Job ID: 480-29541-1

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

Matrix: Solid Prep Type: Total/NA

			Percent Surrogate Recovery (Acceptance Limits)
	DCB2	TCX2	
Client Sample ID	(36-182)	(24-172)	
BCP_AREA_E_ARMOR_PROFILE_	139	113	
Lab Control Sample	162	47	
Method Blank	137	113	
	BCP_AREA_E_ARMOR_PROFILE_ Lab Control Sample	Client Sample ID (36-182) BCP_AREA_E_ARMOR_PROFILE 139 Lab Control Sample 162	Client Sample ID (36-182) (24-172) BCP_AREA_E_ARMOR_PROFILE_ 139 113 Lab Control Sample 162 47

TestAmerica Buffalo

3

8

9

11

13

14

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

Method: 8260B - TCLP Volatiles

Lab Sample ID: MB 480-94955/4

Matrix: Solid

Analysis Batch: 94955

Client Sample ID: Method Blank

Prep Type: Total/NA

	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			12/10/12 10:26	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			12/10/12 10:26	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			12/10/12 10:26	1
Benzene	ND		0.0010	0.00041	mg/L			12/10/12 10:26	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			12/10/12 10:26	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			12/10/12 10:26	1
Chloroform	ND		0.0010	0.00034	mg/L			12/10/12 10:26	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			12/10/12 10:26	1
Trichloroethene	ND		0.0010	0.00046	mg/L			12/10/12 10:26	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			12/10/12 10:26	1
	1,1-Dichloroethene 1,2-Dichloroethane 2-Butanone (MEK) Benzene Carbon tetrachloride Chlorobenzene Chloroform Tetrachloroethene Trichloroethene	Analyte Result 1,1-Dichloroethene ND 1,2-Dichloroethane ND 2-Butanone (MEK) ND Benzene ND Carbon tetrachloride ND Chlorobenzene ND Chloroform ND Tetrachloroethene ND Trichloroethene ND	1,1-Dichloroethene ND 1,2-Dichloroethane ND 2-Butanone (MEK) ND Benzene ND Carbon tetrachloride ND Chlorobenzene ND Chloroform ND Tetrachloroethene ND Trichloroethene ND	Analyte Result 1,1-Dichloroethene Qualifier RL 1,1-Dichloroethene ND 0.0010 1,2-Dichloroethane ND 0.0010 2-Butanone (MEK) ND 0.0050 Benzene ND 0.0010 Carbon tetrachloride ND 0.0010 Chlorobenzene ND 0.0010 Chloroform ND 0.0010 Tetrachloroethene ND 0.0010 Trichloroethene ND 0.0010	Analyte Result 1,1-Dichloroethene Qualifier RL 0.0010 MDL 0.00029 1,2-Dichloroethane ND 0.0010 0.00021 0.0010 0.00021 2-Butanone (MEK) ND 0.0050 0.0013 0.0010 0.00013 Benzene ND 0.0010 0.0010 0.00041 Carbon tetrachloride ND 0.0010 0.00027 Chlorobenzene ND 0.0010 0.00075 Chloroform ND 0.0010 0.00034 Tetrachloroethene ND 0.0010 0.00036 Trichloroethene ND 0.0010 0.00046	Analyte Result Qualifier RL MDL Unit 1,1-Dichloroethene ND 0.0010 0.00029 mg/L 1,2-Dichloroethane ND 0.0010 0.00021 mg/L 2-Butanone (MEK) ND 0.0050 0.0013 mg/L Benzene ND 0.0010 0.00041 mg/L Carbon tetrachloride ND 0.0010 0.00027 mg/L Chlorobenzene ND 0.0010 0.00075 mg/L Chloroform ND 0.0010 0.00034 mg/L Tetrachloroethene ND 0.0010 0.00036 mg/L Trichloroethene ND 0.0010 0.00046 mg/L	Analyte Result Qualifier RL MDL Unit D 1,1-Dichloroethene ND 0.0010 0.0029 mg/L P 1,2-Dichloroethane ND 0.0010 0.0021 mg/L P 2-Butanone (MEK) ND 0.0050 0.0013 mg/L P Benzene ND 0.0010 0.00041 mg/L P Carbon tetrachloride ND 0.0010 0.00027 mg/L P Chlorobenzene ND 0.0010 0.00034 mg/L P Chloroform ND 0.0010 0.00034 mg/L P Tetrachloroethene ND 0.0010 0.00036 mg/L P Trichloroethene ND 0.0010 0.00046 mg/L P	Analyte Result Qualifier RL MDL Unit D Prepared 1,1-Dichloroethene ND 0.0010 0.00029 mg/L Image: Mg/L	Analyte Result Qualifier RL MDL Unit D Prepared Analyzed 1,1-Dichloroethene ND 0.0010 0.00029 mg/L 12/10/12 10:26 1,2-Dichloroethane ND 0.0010 0.00021 mg/L 12/10/12 10:26 2-Butanone (MEK) ND 0.0050 0.0013 mg/L 12/10/12 10:26 Benzene ND 0.0010 0.00041 mg/L 12/10/12 10:26 Carbon tetrachloride ND 0.0010 0.00027 mg/L 12/10/12 10:26 Chlorobenzene ND 0.0010 0.00075 mg/L 12/10/12 10:26 Chloroform ND 0.0010 0.00034 mg/L 12/10/12 10:26 Tetrachloroethene ND 0.0010 0.00036 mg/L 12/10/12 10:26 Trichloroethene ND 0.0010 0.00046 mg/L 12/10/12 10:26

MB MB Qualifier Limits Analyzed Dil Fac Surrogate %Recovery Prepared 12/10/12 10:26 1,2-Dichloroethane-d4 (Surr) 92 66 - 137 4-Bromofluorobenzene (Surr) 88 73 - 120 12/10/12 10:26 94 12/10/12 10:26 Toluene-d8 (Surr) 71 - 126

Lab Sample ID: LCS 480-94955/3

Matrix: Solid

Analysis Batch: 94955

Client Sample ID: Lab Control Sample

% Poc

Prep Type: Total/NA

	Эріке	LCS LCS				70Rec.	
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	0.0250	0.0198	mg/L		79	58 - 121	
1,2-Dichloroethane	0.0250	0.0227	mg/L		91	75 ₋ 127	
Benzene	0.0250	0.0228	mg/L		91	71 - 124	
Chlorobenzene	0.0250	0.0229	mg/L		92	72 ₋ 120	
Tetrachloroethene	0.0250	0.0198	mg/L		79	74 - 122	
Trichloroethene	0.0250	0.0223	mg/L		89	74 - 123	

ICS ICS

Snika

LCS LCS %Recovery Qualifier Limits Surrogate 1,2-Dichloroethane-d4 (Surr) 66 - 137 92 4-Bromofluorobenzene (Surr) 87 73 - 120 Toluene-d8 (Surr) 92 71 - 126

Lab Sample ID: LB 480-94515/1-A LB

Matrix: Solid

Analysis Batch: 94955

Client Sample ID: Method Blank **Prep Type: TCLP**

LB LB Result Qualifier RL MDL Unit D Dil Fac Analyte Prepared Analyzed 1,1-Dichloroethene ND 0.010 0.0029 mg/L 12/10/12 11:25 10 1,2-Dichloroethane ND 0.010 0.0021 mg/L 12/10/12 11:25 10 2-Butanone (MEK) ND 0.050 0.013 mg/L 12/10/12 11:25 10 Benzene ND 0.010 12/10/12 11:25 0.0041 mg/L 10 0.0027 mg/L Carbon tetrachloride ND 0.010 12/10/12 11:25 10 Chlorobenzene ND 0.010 0.0075 mg/L 12/10/12 11:25 10 ND Chloroform 0.010 0.0034 mg/L 12/10/12 11:25 10 Tetrachloroethene ND 0.010 0.0036 mg/L 12/10/12 11:25 10 Trichloroethene ND 0.010 0.0046 mg/L 12/10/12 11:25 10

TestAmerica Buffalo

Page 10 of 22

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

Method: 8260B - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-94515/1-A LB

Matrix: Solid

Analysis Batch: 94955

Client Sample ID: Method Blank

Prep Type: TCLP

Result Qualifier RL MDL Unit D Prepared Dil Fac Analyte Analyzed 12/10/12 11:25 Vinyl chloride ND 0.010 0.0090 mg/L 10

LB LB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 90 66 - 137 12/10/12 11:25 10 87 4-Bromofluorobenzene (Surr) 73 - 120 12/10/12 11:25 10 Toluene-d8 (Surr) 95 71 - 126 12/10/12 11:25 10

Method: 8270C - TCLP Semivolatiles

Lab Sample ID: MB 480-95069/1-A

Matrix: Solid

Client Sample ID: Method Blank

Prep Type: Total/NA Prep Batch: 95069 **Analysis Batch: 95193** мв мв Qualifier MDL Unit Prepared Analyzed Dil Fac Result RL

Analyte 12/11/12 11:16 1,4-Dichlorobenzene ND 0.0025 0.00012 mg/L 12/10/12 16:55 2,4,5-Trichlorophenol ND 0.0013 0.00012 mg/L 12/10/12 16:55 12/11/12 11:16 0.0013 2,4,6-Trichlorophenol ND 0.00015 mg/L 12/10/12 16:55 12/11/12 11:16 2,4-Dinitrotoluene ND 0.0013 0.00011 mg/L 12/10/12 16:55 12/11/12 11:16 2-Methylphenol ND 0.0013 0.00010 mg/L 12/10/12 16:55 12/11/12 11:16 3-Methylphenol ND 0.0025 0.00010 mg/L 12/10/12 16:55 12/11/12 11:16 4-Methylphenol ND 0.0025 0.000090 mg/L 12/10/12 16:55 12/11/12 11:16 Hexachlorobenzene ND 0.0013 0.00013 mg/L 12/10/12 16:55 12/11/12 11:16 Hexachlorobutadiene ND 0.0013 0.00017 mg/L 12/10/12 16:55 12/11/12 11:16 Hexachloroethane ND 0.0013 0.00015 mg/L 12/10/12 16:55 12/11/12 11:16 Nitrobenzene ND 0.0013 0.000073 mg/L 12/10/12 16:55 12/11/12 11:16 Pentachlorophenol ND 0.0025 0.00055 mg/L 12/10/12 16:55 12/11/12 11:16 Pyridine ND 0.0063 0.00010 mg/L 12/10/12 16:55 12/11/12 11:16

MB MB

LB LB

Surrogate	%Recovery G	Qualifier Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105	52 - 132	12/10/12 16:55	12/11/12 11:16	1
2-Fluorobiphenyl	92	48 - 120	12/10/12 16:55	12/11/12 11:16	1
2-Fluorophenol	41	20 - 120	12/10/12 16:55	12/11/12 11:16	1
Nitrobenzene-d5	88	46 - 120	12/10/12 16:55	12/11/12 11:16	1
Phenol-d5	34	16 - 120	12/10/12 16:55	12/11/12 11:16	1
p-Terphenyl-d14	110	67 - 150	12/10/12 16:55	12/11/12 11:16	1

Lab Sample ID: LCS 480-95069/2-A

Matrix: Solid

Analysis Batch: 95193

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 95069

	Spike	LCS	LCS			%Rec.	
Analyte	Added	Result	Qualifier Unit	D	%Rec	Limits	
1,4-Dichlorobenzene	0.0500	0.0348	mg/l		70	32 - 120	
2,4-Dinitrotoluene	0.0500	0.0517	mg/l	-	103	65 - 154	
Hexachloroethane	0.0500	0.0317	mg/l	-	63	14 - 101	
Pentachlorophenol	0.0500	0.0485	mg/l	_	97	39 - 136	

TestAmerica Buffalo

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

Method: 8270C - TCLP Semivolatiles (Continued)

Lab Sample ID: LCS 480-95069/2-A

Matrix: Solid

Analysis Batch: 95193

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

Prep Batch: 95069

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
2,4,6-Tribromophenol	109		52 - 132
2-Fluorobiphenyl	97		48 - 120
2-Fluorophenol	42		20 - 120
Nitrobenzene-d5	92		46 - 120
Phenol-d5	37		16 - 120
p-Terphenyl-d14	108		67 - 150

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

Lab Sample ID: MB 480-94541/1-A

Matrix: Solid

Analysis Batch: 94356

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

Prep Batch: 94541

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.19	0.037	mg/Kg		12/06/12 16:57	12/07/12 06:45	1
PCB-1221	ND		0.19	0.037	mg/Kg		12/06/12 16:57	12/07/12 06:45	1
PCB-1232	ND		0.19	0.037	mg/Kg		12/06/12 16:57	12/07/12 06:45	1
PCB-1242	ND		0.19	0.037	mg/Kg		12/06/12 16:57	12/07/12 06:45	1
PCB-1248	ND		0.19	0.037	mg/Kg		12/06/12 16:57	12/07/12 06:45	1
PCB-1254	ND		0.19	0.088	mg/Kg		12/06/12 16:57	12/07/12 06:45	1
PCB-1260	ND		0.19	0.088	mg/Kg		12/06/12 16:57	12/07/12 06:45	1
f and the second									

MB MB

	Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	DCB Decachlorobiphenyl	137		36 - 182	12/06/12 16:57	12/07/12 06:45	1
ı	Tetrachloro-m-xylene	113		24 - 172	12/06/12 16:57	12/07/12 06:45	1

Lab Sample ID: LCS 480-94541/2-A

Matrix: Solid

Analysis Batch: 94356

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94541 %Rec

_	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
PCB-1016	 1.78	2.14		mg/Kg		120	51 - 185	
PCB-1260	1.78	2.25		mg/Kg		126	61 - 184	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
DCB Decachlorobiphenyl	162	36 - 182
Tetrachloro-m-xylene	47	24 - 172

Method: 6010B - TCLP RCRA Metals

Lab Sample ID: MB 480-94707/2-A

Matrix: Solid

Analysis Batch: 95151

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

Prep Batch: 94707

_	MB	MB						-	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		12/07/12 12:50	12/10/12 15:51	1
Barium	ND		0.0020	0.00070	mg/L		12/07/12 12:50	12/10/12 15:51	1

TestAmerica Buffalo

Page 12 of 22

12/14/2012

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

Method: 6010B - TCLP RCRA Metals (Continued)

Lab Sample ID: MB 480-94707/2-A

Lab Sample ID: LCS 480-94707/3-A

Matrix: Solid

Analysis Batch: 95151

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

Prep Batch: 94707

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.0010	0.00050	mg/L		12/07/12 12:50	12/10/12 15:51	1
Chromium	ND		0.0040	0.0010	mg/L		12/07/12 12:50	12/10/12 15:51	1
Lead	ND		0.0050	0.0030	mg/L		12/07/12 12:50	12/10/12 15:51	1
Selenium	ND		0.015	0.0087	mg/L		12/07/12 12:50	12/10/12 15:51	1
Silver	ND		0.0030	0.0017	ma/l		12/07/12 12:50	12/10/12 15:51	1

Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 95151

Prep Type: Total/NA

Prep Batch: 94707

	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Arsenic	0.200	0.208		mg/L		104	80 - 120
Barium	0.200	0.219		mg/L		110	80 - 120
Cadmium	0.200	0.199		mg/L		100	80 - 120
Chromium	0.200	0.198		mg/L		99	80 - 120
Lead	0.200	0.199		mg/L		99	80 - 120
Selenium	0.200	0.206		mg/L		103	80 - 120
Silver	0.0500	0.0523		mg/L		105	80 - 120

Lab Sample ID: LB 480-94393/1-B LB

Matrix: Solid

Analysis Batch: 95151

Client Sample ID: Method Blank

Prep Type: TCLP Prep Batch: 94707

LB LB Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Arsenic ND 0.010 0.0056 mg/L 12/07/12 12:50 12/10/12 15:44 Barium 0.0385 0.0020 0.00070 mg/L 12/07/12 12:50 12/10/12 15:44 0.0010 Cadmium ND 0.00050 mg/L 12/07/12 12:50 12/10/12 15:44 Chromium ND 0.0040 0.0010 mg/L 12/07/12 12:50 12/10/12 15:44 Lead ND 0.0050 0.0030 mg/L 12/07/12 12:50 12/10/12 15:44 Selenium ND 0.015 0.0087 mg/L 12/07/12 12:50 12/10/12 15:44

0.0030

ND

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-94715/2-A

Matrix: Solid

Silver

Analysis Batch: 94926

Client Sample ID: Method Blank

12/10/12 15:44

Prep Type: Total/NA

Prep Batch: 94715

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L	_	12/07/12 13:30	12/07/12 16:10	1

Lab Sample ID: LCS 480-94715/3-A

Matrix: Solid

Analyte

Mercury

Analysis Batch: 94926

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

Prep Batch: 94715

%Rec.

12/07/12 12:50

Spike LCS LCS Added Result Qualifier Unit %Rec Limits 0.00668 0.00582 mg/L 87 80 - 120

0.0017 mg/L

TestAmerica Buffalo

QC Sample Results

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

TestAmerica Job ID: 480-29541-1

Method: 7470A - TCLP Mercury (Continued)

Lab Sample ID: LB 480-94393/1-C LB

Matrix: Solid

Analyte

Mercury

Analysis Batch: 94926

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 94715

 LB LB

 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 ND
 0.00020
 0.00012
 mg/L
 12/07/12 13:30
 12/07/12 16:08
 1

8

0

10

12

-

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

GC/MS VOA

Leach Batch: 94515

İ	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
	480-29541-1	BCP_AREA_E_ARMOR_PROFILE_20121203	TCLP	Solid	1311	
l	LB 480-94515/1-A LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 94955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-29541-1	BCP_AREA_E_ARMOR_PROFILE_20121203	TCLP	Solid	8260B	94515
LB 480-94515/1-A LB	Method Blank	TCLP	Solid	8260B	94515
LCS 480-94955/3	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-94955/4	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Leach Batch: 94393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-29541-1	BCP_AREA_E_ARMOR_PROFILE_20121203	TCLP	Solid	1311	

Prep Batch: 95069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-29541-1	BCP_AREA_E_ARMOR_PROFILE_20121203	TCLP	Solid	3510C	94393
LCS 480-95069/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 480-95069/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 95193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-29541-1	BCP_AREA_E_ARMOR_PROFILE_20121203	TCLP	Solid	8270C	95069
LCS 480-95069/2-A	Lab Control Sample	Total/NA	Solid	8270C	95069
MB 480-95069/1-A	Method Blank	Total/NA	Solid	8270C	95069

GC Semi VOA

Analysis Batch: 94356

İ	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
	LCS 480-94541/2-A	Lab Control Sample	Total/NA	Solid	8082	94541
ı	MB 480-94541/1-A	Method Blank	Total/NA	Solid	8082	94541

Prep Batch: 94541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-29541-1	BCP_AREA_E_ARMOR_PROFILE_20121203	Total/NA	Solid	3550B	
LCS 480-94541/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-94541/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 94713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-29541-1	BCP_AREA_E_ARMOR_PROFILE_20121203	Total/NA	Solid	8082	94541

Metals

Leach Batch: 94393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-29541-1	BCP AREA E ARMOR PROFILE 20121203	TCLP	Solid	1311	

TestAmerica Buffalo

Page 15 of 22

QC Association Summary

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites TestAmerica Job ID: 480-29541-1

Metals (Continued)

Leach Batch: 94393 (Continued)

l	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
	LB 480-94393/1-B LB	Method Blank	TCLP	Solid	1311	
١	LB 480-94393/1-C LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 94707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-29541-1	BCP_AREA_E_ARMOR_PROFILE_20121203	TCLP	Solid	3010A	94393
LB 480-94393/1-B LB	Method Blank	TCLP	Solid	3010A	94393
LCS 480-94707/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-94707/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 94715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-29541-1	BCP_AREA_E_ARMOR_PROFILE_20121203	TCLP	Solid	7470A	94393
LB 480-94393/1-C LB	Method Blank	TCLP	Solid	7470A	94393
LCS 480-94715/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-94715/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 94926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-29541-1	BCP_AREA_E_ARMOR_PROFILE_20121203	TCLP	Solid	7470A	94715
LB 480-94393/1-C LB	Method Blank	TCLP	Solid	7470A	94715
LCS 480-94715/3-A	Lab Control Sample	Total/NA	Solid	7470A	94715
MB 480-94715/2-A	Method Blank	Total/NA	Solid	7470A	94715

Analysis Batch: 95151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-29541-1	BCP_AREA_E_ARMOR_PROFILE_20121203	TCLP	Solid	6010B	94707
LB 480-94393/1-B LB	Method Blank	TCLP	Solid	6010B	94707
LCS 480-94707/3-A	Lab Control Sample	Total/NA	Solid	6010B	94707
MB 480-94707/2-A	Method Blank	Total/NA	Solid	6010B	94707

General Chemistry

Analysis Batch: 94316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-29541-1	BCP_AREA_E_ARMOR_PROFILE_20121203	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

TestAmerica Job ID: 480-29541-1

Lab Sample ID: 480-29541-1

Client Sample ID:

BCP_AREA_E_ARMOR_PROFILE_20121203

Date Collected: 12/03/12 15:00 Matrix: Solid

Date Received: 12/04/12 15:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			94515	12/06/12 15:56	ND	TAL BUF
TCLP	Analysis	8260B		10	94955	12/10/12 12:20	TRB	TAL BUF
TCLP	Leach	1311			94393	12/06/12 08:16	ND	TAL BUF
TCLP	Prep	3510C			95069	12/10/12 16:55	ND	TAL BUF
TCLP	Analysis	8270C		1	95193	12/11/12 19:19	HTL	TAL BUF
Total/NA	Prep	3550B			94541	12/06/12 16:58	DE	TAL BUF
Total/NA	Analysis	8082		1	94713	12/08/12 20:46	JM	TAL BUF
TCLP	Leach	1311			94393	12/06/12 08:16	ND	TAL BUF
TCLP	Prep	7470A			94715	12/07/12 13:30	JRK	TAL BUF
TCLP	Analysis	7470A		1	94926	12/07/12 16:19	JRK	TAL BUF
TCLP	Prep	3010A			94707	12/07/12 12:50	SS	TAL BUF
TCLP	Analysis	6010B		1	95151	12/10/12 15:58	LH	TAL BUF
Total/NA	Analysis	Moisture		1	94316	12/05/12 17:40	MD	TAL BUF

Laboratory References:

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

TestAmerica Buffalo

3

4

6

8

10

13

Certification Summary

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

TestAmerica Job ID: 480-29541-1

3

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program 6		88-0686	07-06-13
California	NELAC	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAC	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAC	5	200003	09-30-13
lowa	State Program	7	374	03-01-13
Kansas	NELAC	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAC	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAC	5	036-999-337	12-31-12
New Hampshire	NELAC	1	2973	09-11-13
New Hampshire	NELAC	1	2337	11-17-13
New Jersey	NELAC	2	NY455	06-30-13
New York	NELAC	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAC	10	NY200003	06-09-13
Pennsylvania	NELAC	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAC	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAC	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

e

9

11

12

Method Summary

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

TestAmerica Job ID: 480-29541-1

Method	Method Description	Protocol	Laboratory
3260B	TCLP Volatiles	SW846	TAL BUF
270C	TCLP Semivolatiles	SW846	TAL BUF
082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
)10B	TCLP RCRA Metals	SW846	TAL BUF
170A	TCLP Mercury	SW846	TAL BUF
loisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

_

10

13

14

Sample Summary

Client: Ontario Specialty Contracting, Inc. Project/Site: OSC- Former Buffalo Color Sites

TestAmerica Job ID: 480-29541-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-29541-1	BCP_AREA_E_ARMOR_PROFILE_20121203	Solid	12/03/12 15:00	12/04/12 15:30

9

4

5

8

40

11

13

14

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc. Job Number: 480-29541-1

Login Number: 29541 List Source: TestAmerica Buffalo

List Number: 1

Creator: Robitaille, Zach L

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

2

_

9

13

14

Page 22 of 22

5

6

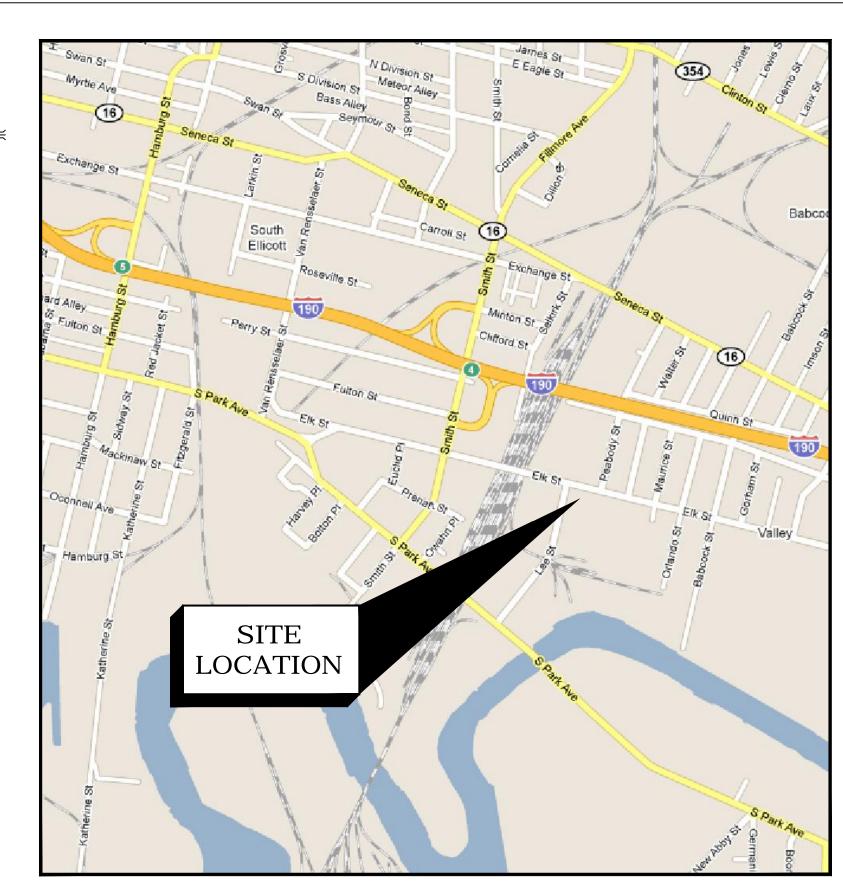
9

10 11

> 12 13

14

Attachment D Armor Electric Storm Sewer Rehabilitation Drawings



LOCATION PLAN

INDEX OF DRAWINGS TITLE SHEET NO. GENERAL -- COVER SHEET AND INDEX OF DRAWINGS G1 EXISTING SITE PLAN G2 PARTIAL SITE PLAN AND PROFILES G3 DETAILS - I

ONTARIO SPECIALTY CONTRACTORS HONEYWELL/ FORMER BUFFLAO COLOR FACILITY BUFFALO, NEW YORK

ARMOR ELECTRIC DRAINAGE DESIGN

NOVEMBER 2012

APPROVED _____

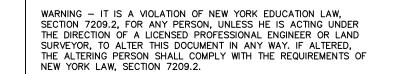
ONTARIO SPECIALTY CONTRACTING, INC.

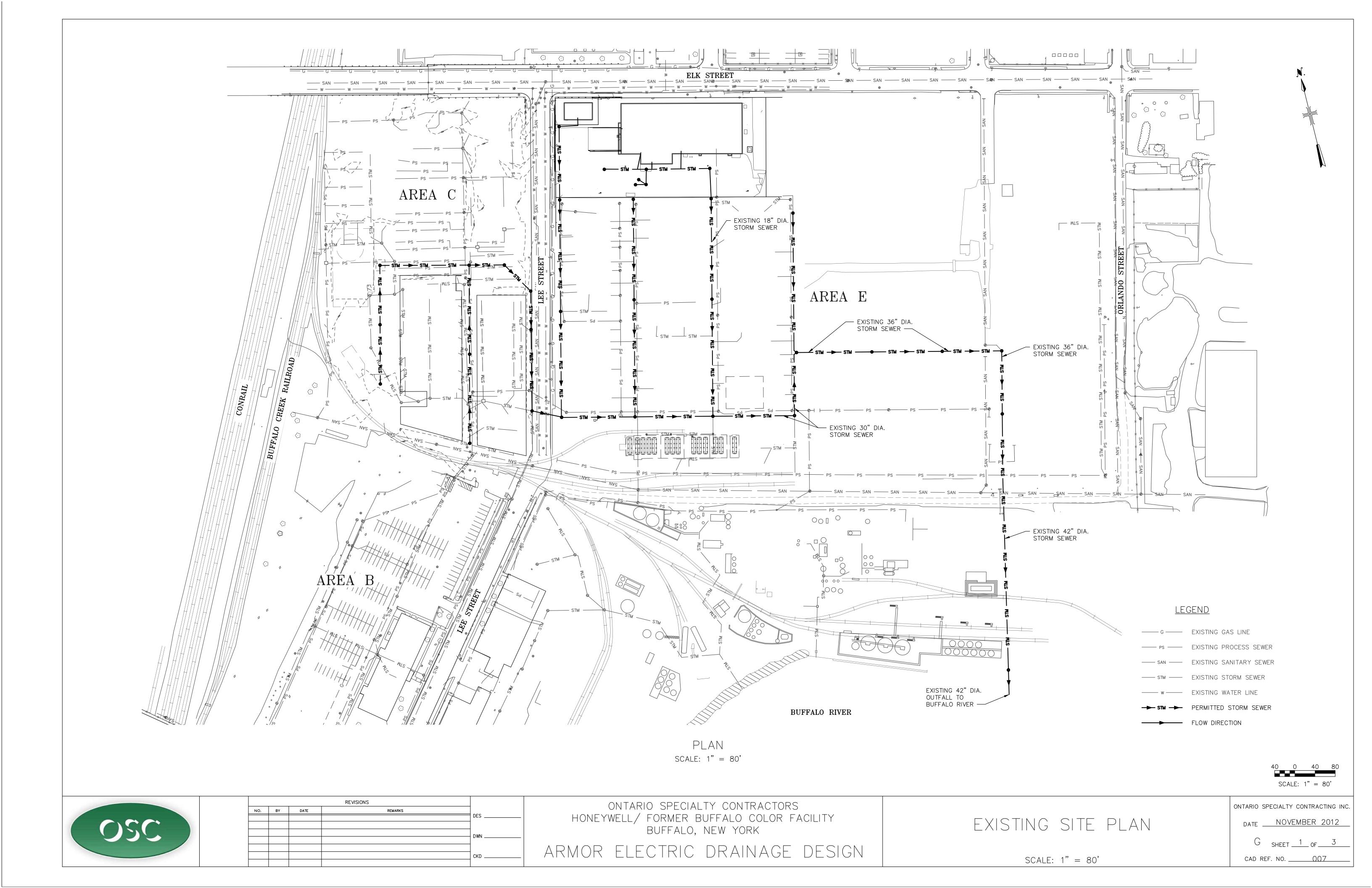
OSC PROJECT# <u>0913</u>

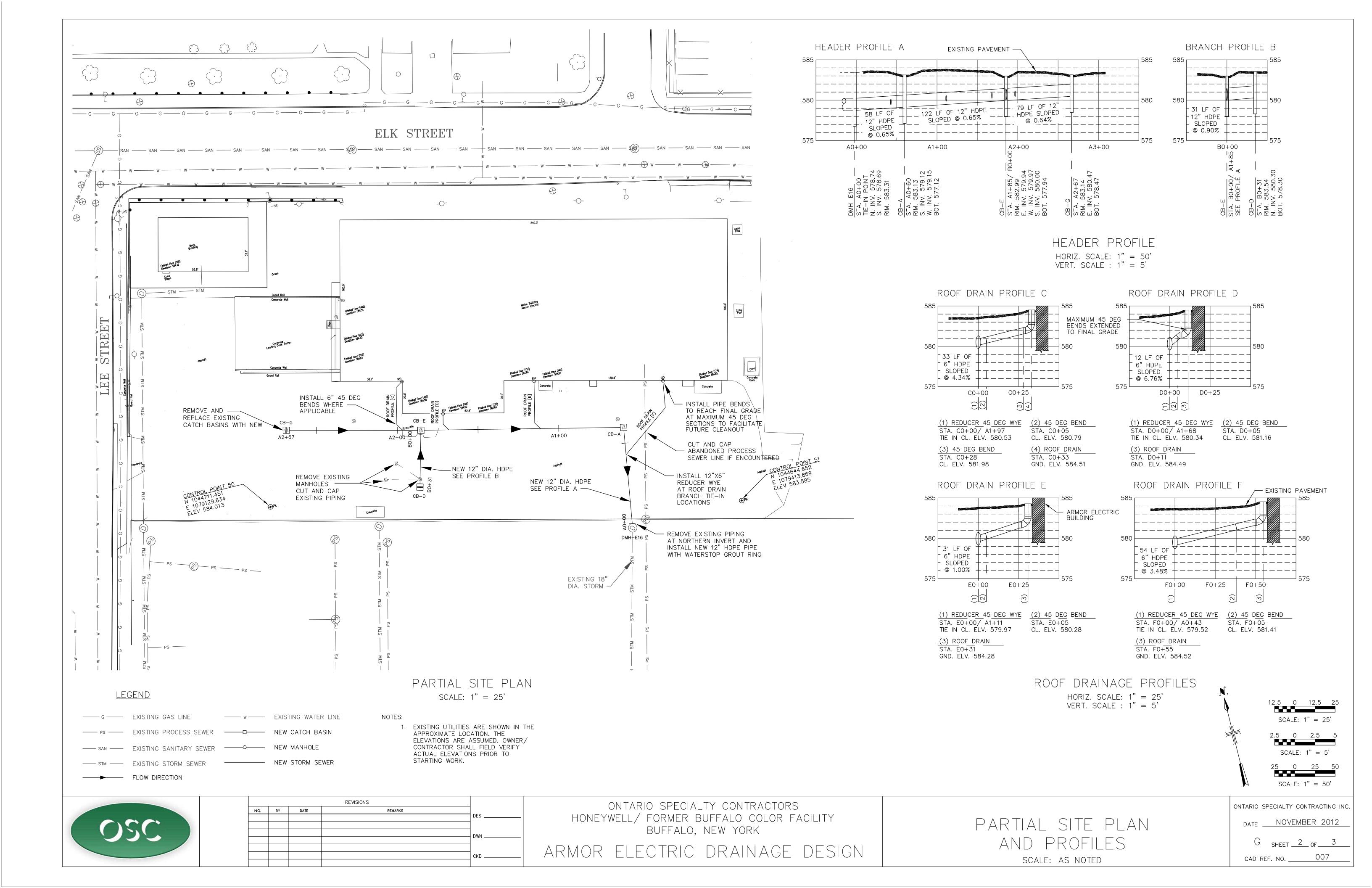
333 GANSON STREET

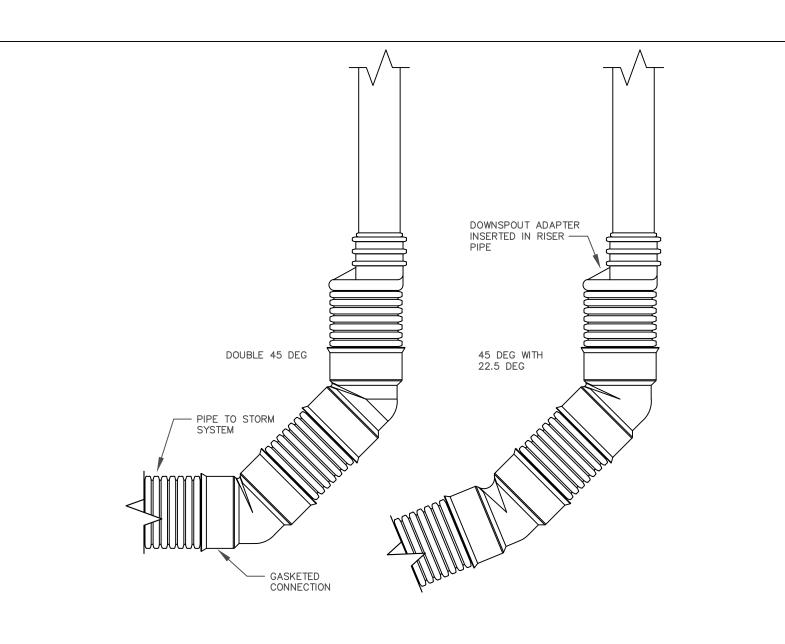
BUFFALO, NEW YORK 14203





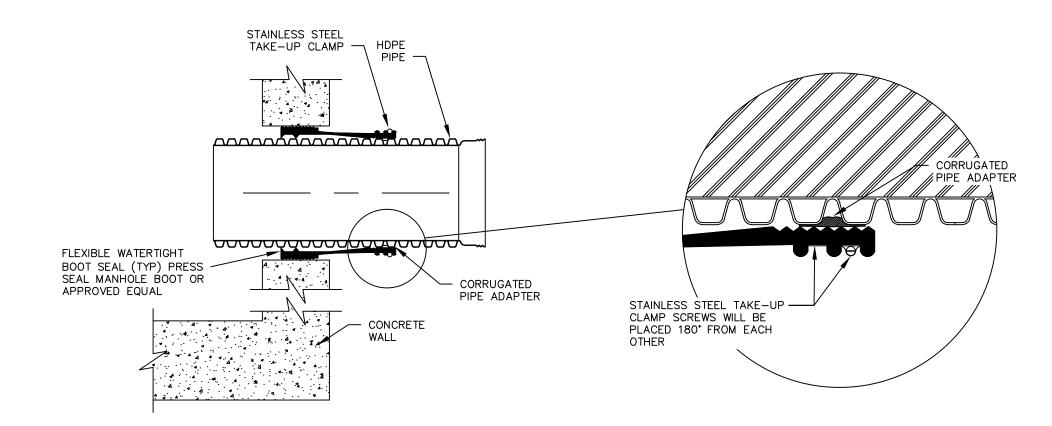




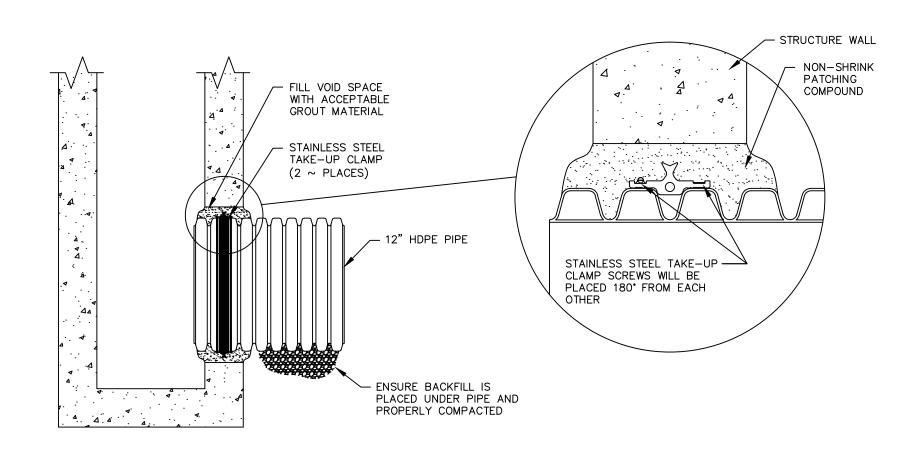


ROOF DRAIN ASSEMBLY

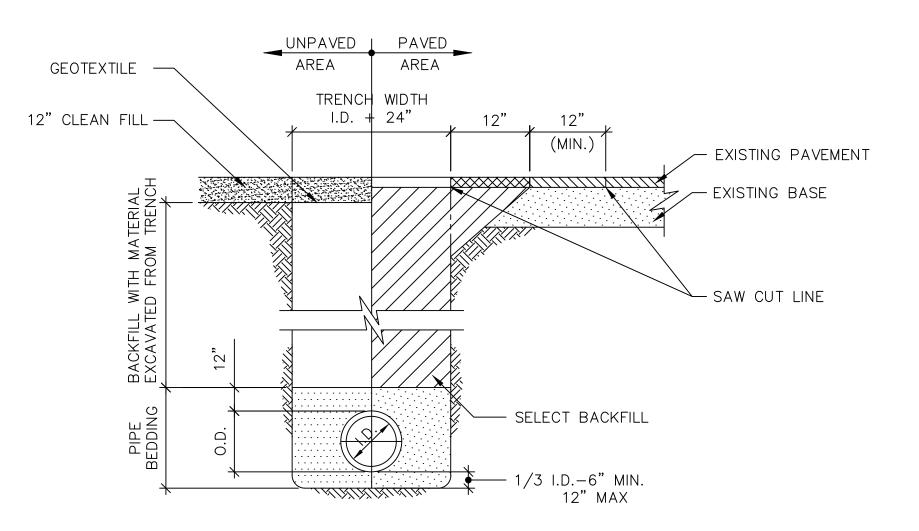
NOT TO SCALE



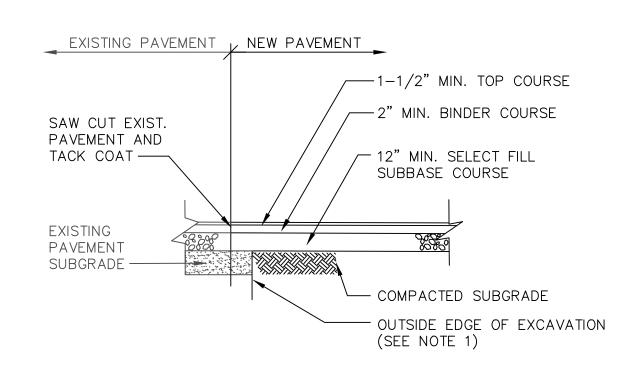
WATERTIGHT BOOT SEAL DETAIL NOT TO SCALE



DMH-E16 WATERSTOP MANHOLE CONNECTION NOT TO SCALE



UNPAVED AND PAVED
TRENCH DETAIL
NOT TO SCALE

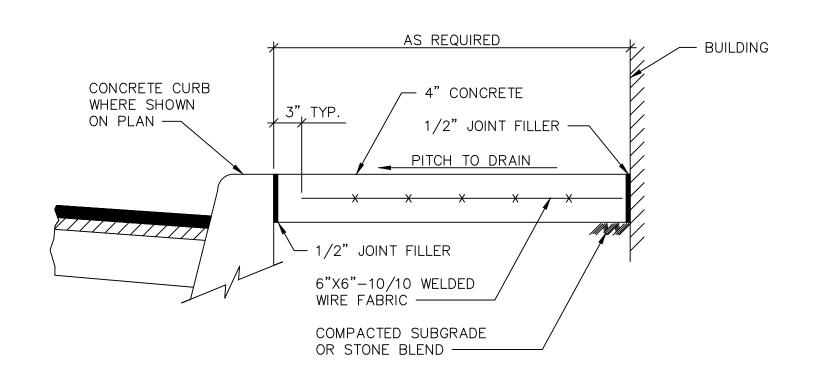


ASPHALT PAVEMENT REPLACMENT DETAIL

NOT TO SCALE

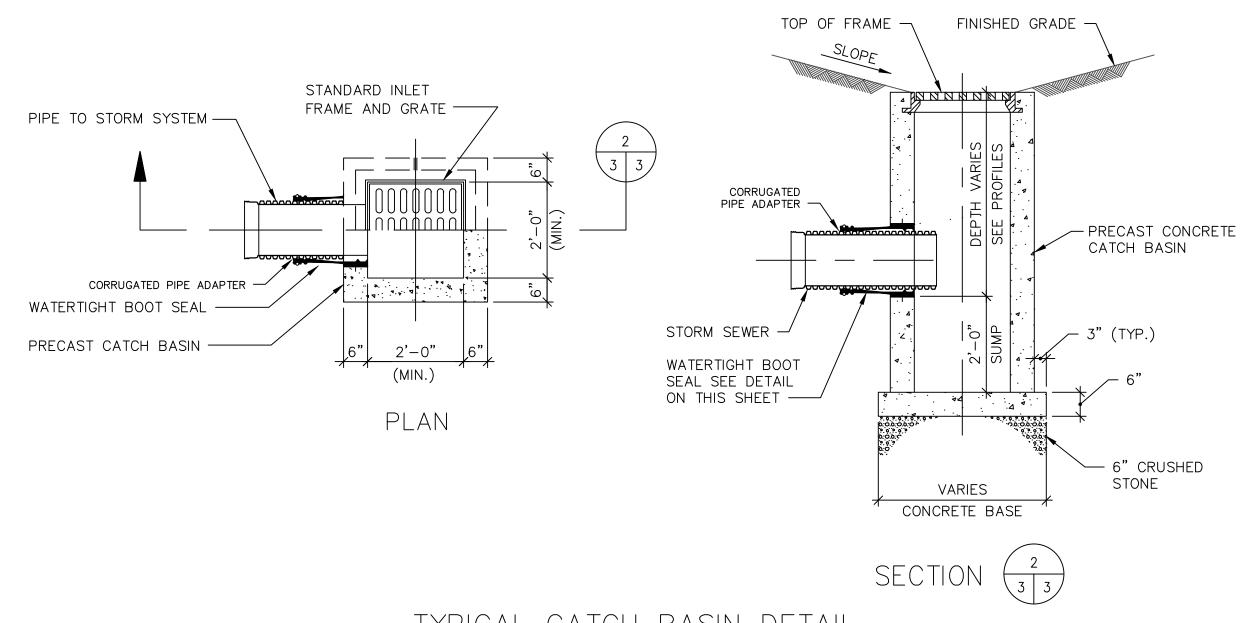
NOTES:

1. PRIOR TO PAVING OWNER OF TAXABLE BACK CUT AND REMOVE EXISTING PAVEMENT A MINIMUM OF 1' FROM OUTSIDE EDGE OF EXCAVATION.



CONCRETE SIDEWALK REPLACMENT DETAIL

NOT TO SCALE



TYPICAL CATCH BASIN DETAIL

NOT TO SCALE



			REVISIONS	
NO.	BY	DATE	REMARKS	250
				DES
				DWN
				OKD
				CKD

ONTARIO SPECIALTY CONTRACTORS HONEYWELL/ FORMER BUFFALO COLOR FACILITY BUFFALO, NEW YORK

ARMOR ELECTRIC DRAINAGE DESIGN

DETAILS

SCALE: AS NOTED

ONTARIO SPECIALTY CONTRACTING INC.

DATE NOVEMBER 2012

G SHEET 3 OF 3

CAD REF. NO. 007

ATTACHMENT F MONITORING WELL EW-E04 DOCUMENTATION



Ontario Specialty Contracting, Inc.

Environmental Remediation • Demolition / Dismantlement • Brownfield Redevelopment

INCIDENT REPORT

Job Site:	Buffalo Color OM&M	Job No:	0913-O	MM			
Person(s)	Involved (if applicable):						
	Name: Andrew Madden (OSC) & Tom Wagner (O	SC)					
	Company: Ontario Specialty Contracting, Inc. (OSC	C)					
	Address: 1337 South Park Ave. Buffalo NT 14210						
	Phone: (716) 823-3908						
	e of Incident: Discovery – 3/30/2012 of Incident: Buffalo Color Area E						
Address:	85 Lee Street Buffalo NY 14210						
Check all	Which Apply:						
	Incident no injury to person Incident no damage to property Incident with injury to person (if yes, complete accident with damage to property Theft Other (explain)	dent report	t & accid	ent investiga	tion)		
Equipmen	nt information (if applicable)						
Equipmen	nt: Monitoring Well EW-E04						
Witness to	o Incident: None						
Narrative	Description:						
Site Mana Andrew M When Tor	aber of 2011, Andrew Madden (OSC) utilized a proving agement Plan (SMP). This effort was made to avoid be Madden (OSC) observed that a few of the protective was wagner (OSC) initially started at the Buffalo Colo for use within the groundwater monitoring program of	isting a well vell casings r Project in	ll within s were m Novemb	the SMP that issing locks a per of 2011 h	may have been and required phy e was assigned t	previously decorsical repair due the task of properties.	ommissioned. At that time, to general deterioration. erly securing the wells
EW-E04 v	e initial Area E well sampling event on March 30 th 20 was filled with stone/soil debris up to an estimated le c casing and at that time the well was properly secured	vel of two	feet belo				
	of the damage is currently unknown, but due to the lamage it is assumed that vandalism may have taken						
verification added with	the discovery of the EW-E04 damage, a transducer on of latent monitoring wells. Hopefully this added properly data colproperly secured" status.	ocedure w	ill help id	dentify simila	ir damages soon	er. Also, a nota	tion section will be
Name:	Andrew Madden	Sign	ature:	A	den Th	all	

Α

FIGURE 3 WELL DECOMMISSIONING RECORD

Site Name: FORMER BUFFALO COLOR CORP.	Well I.D.: MW-E04
Site Location: AREAE, 85 LEE ST. BUFFALD, NY	Driller: J. GARDNER
Drilling Co.: BUFFALO DRILLING CO., INC.	Inspector: —
	Date: 6-27-12

DECOMMISSIONING	WE	LL SCHEMA	ГІС*	
(Fill in all that appl	Depth			
		(feet)		
<u>OVERDRILLING</u>				
Interval Drilled		CONCRETE		
Drilling Method(s)		0.5'		
Borehole Dia. (in.)			riser	
Temporary Casing Installed? (y/n)		I.S		
Depth temporary casing installed				-
Casing type/dia. (in.)		<u> </u>	Screen	1_1
Method of installing				
REMOVAL OF STEEL PRO.				_
CASING PULLING Method employed	110.15 /110 0 000			
• •	HAND/HAMMER			
Casing retrieved (feet) Casing type/dia. (in)				
Casing type/dia. (in)	SIEGY4	_	1	~
CASING PERFORATING			1	
Equipment used		_		
Number of perforations/foot	5			
Size of perforations			1	-
Interval perforated	PER FOOT	_]	
CDOLUMNIC		_		-
GROUTING (CERT C)	THE ADDRESS OF THE		1	
Interval grouted (FBLS)	FUL HEIGHT		_	
# of batches prepared		_	-	_
For each batch record: Quantity of water used (gal.)	70		-	~
Quantity of water used (gal.) [Quantity of cement used (lbs.)	1.8	_	4	-
Cement type	TYPEI	-	1	1
Quantity of bentonite used (lbs.)	3.9			
Quantity of calcium chloride used (lbs.)	2. 1	11.5' _	1	
Volume of grout prepared (gal.)	-	_	1	
Volume of grout used (gal.)	25	-	1	
		-	_	
COMMENTS:		* Sketch in all rele	vant decommissioning	data, including:
		interval overdrille	d, interval grouted, ca	sing left in hole,
		well stickup, etc.		
		1		

BARRON & ASSOCIATES, P.C. & BUFFALO DRILLING COMPANY, INC.

MONITORING WELL SCHEMATIC

BORING No.: EW-E04A

JOB No.: 12-143

10440 MAIN STREET

CLARENCE, NEW YORK 14031

(716) 759-7821 FAX: (716) 759-7823

PROJECT: Monitoring Well Installation at Former Buffalo Color Corp.

Area E, 85 Lee Street, Buffalo, New York 14210

DRILLER: J. Gardner TYPE OF DRILL RIG: Diedrich D-50

SAMPLING METHODS: - **SIZE AND TYPE OF BIT:** 4 1/4" I.D. H.S.A.

DATE STARTED: 6/27/12 SURFACE ELEVATION (FT):
DATE COMPLETED: 6/27/12 GROUNDWATER DEPTH (FT): 7.7

(measured at completion unless indicated below)

			easured at completio	TI dilicoo iii	ulcated below)
Observation Well Installation Details	Elevation/ Depth	Soil Symbols Sampler Symbols Field Test Data	Sample No. : Range	N- Value	% REC (RQD)	Soil and Rock Description / Remarks
. 4" I.D. Steel Protective Casing and Cover . 2" I.D. Sch. 40 PVC Riser Concrete Apron Bentontite Seal Ricci 00N Sand Pack 2" I.D. Sch. 40, 0.010 Slot PVC Screen			nalige	value	(NQD)	Black, moist silty SAND and GRAVEL [Soil descriptions from previous well log (MW-E04) by MACTEC.] Gray and Brown, wet CLAY, trace SAND [Soil descriptions from previous well log (MW-E04) by MACTEC.] Depth to Bottom of Hole: 11.5 ft.

1. Five and one half well volumes removed during well development to achieve clear/non turbid water.