Ontario Specialty Contracting, Inc.



Environmental Remediation + Demolition / Dismantlement + Brownfield Redevelopment

February 15, 2014

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

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

Dear Mr. Szymanski:

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

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

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

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

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

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

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

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

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

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

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

- B. Effectiveness of the Remedial Program: The following conclusions were developed based on the data collected during the reporting period:
 - Based on the results of the quarterly inspection reports, which verify that the integrity of the cover system is currently satisfactory and vegetation is established within soil/grass areas, the remedy remains protective for direct contact with impacted soils.
 - Elevated concentrations of constituents of concern (COCs) remain at the site as shown by the data from monitoring wells RFI-20 and RFI-31; however, with the exception of VOC concentrations in well RFI-20, the concentrations have decreased since the ORC-A application as part of the remedial effort in 2010. It should be noted that ORC-A application was not required in the vicinity of RFI-20 during implementation of the Area C remedy. A figure is included within **Attachment B** which shows the current status of chlorobenzene concentrations.
- C. Compliance: No areas of non-compliance have been identified.
- D. Recommendations: No changes to the 2010 SMP are currently warranted or recommended. Routine OMM activities will continue in 2014.
- II. Site Overview
 - A. Site Location: The site is located at 229 Elk Street in the City of Buffalo, County of Erie, New York. The site is an approximate 6.03-acre area bounded by Elk Street to the north, a rail spur and associated right-of-way to the south, Lee Street to the east, and railroad tracks to the west. Structures located on Area C include the former Buffalo Color powerhouse, which include former building numbers 204, 205, 207, 208, 220, 221, 222, and 223. These structures have been cleared of asbestos and residual chemicals and are currently planned to be renovated for adaptive reuse. The site is part of the former Buffalo Color Corporation facility, which also included Areas A and B located beyond

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

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

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

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

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

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

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

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

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

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

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

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

IV. IC/EC Plan Compliance Report

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

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

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

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

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

- B. IC/EC Certification: The IC/EC certifications are provided in Attachment A.
- V. Monitoring Plan Compliance Report
 - A. Components of the Monitoring Plan: Routine Site monitoring activities include:
 - Quarterly Low-Flow shallow groundwater sampling; and
 - Quarterly Site and cover system inspections.
 - B. Summary of Monitoring Completed During Reporting Period: The following tables summarize the routine Site monitoring activities that have been completed in accordance with SMP during the reporting period:

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

			20	12		20	13	
Well ID	Monitoring Type	Monitoring Parameters	3rd	4th	1st	2nd	3rd	4th
MW-C01	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	Х	Х	Х	Х	Х	Х
RFI-31	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	Х	Х	Х	Х	Х	Х
PS-04 / PS-04A	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	Р	Х	Р	Х	-	Х
MW-C04	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	Х	Х	Х	Х	Х	Х
RFI-20	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	Х	Х	Х	Х	Х	Х
PS-05A	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	Х	Х	Х	Х	Х	Х
PS-06	Quarterly Sampling	TCL VOCs, TCL SVOCs, TAL metals	-	Х	Х	Х	Х	Х
			Com	plete ()	(). Part	ial (P).	Omitte	ed (-)

AREA C 3Q2012 – 4Q2013 QUARTERLY WELL MONITORING SUMMARY

- 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 PS-06 was not sampled during the second quarter of 2012, due to insufficient groundwater quantity at the well. Monitoring well PS-04 was not sampled for Semi Volatile Organic Compounds (SVOC) during the second quarter of 2012, due to a lack of groundwater recharge in the well. Monitoring well PS-04 depth to water measurement was unable to be collected during the first quarter of 2013, due to developed distortion in the one inch diameter PVC casing. Following the second quarter 2013 sample event, the PS-04 monitoring well PS-04A was not sampled during the third quarter of 2013, due to insufficient groundwater recharge in the well. Redevelopment of PS-04A was conducted following the third quarter 2013 sample event.

- E. Conclusions and Recommendations for Changes: No changes are recommended at this time and routine monitoring will continue in 2014.
- VI. Operations and Maintenance Plan Compliance Report
 - A. Components of the O&M Plan: The site remedy does not currently rely on any mechanical systems, such as subslab depressurization systems or air sparge/ soil vapor extraction systems to protect public health and the environment. Therefore, the operation and maintenance of such components is not included within the SMP. Should an active system be required in the future, the SMP will be modified accordingly to address operation and maintenance requirements.
- VII. Overall PRR Conclusions
 - A. Compliance with SMP: Activities completed during the reporting period complied with the requirements of the SMP.
 - B. Performance and Effectiveness of the Remedy: The cover system is intact as constructed and the Site remedy is preventing off-site migration of site-related COCs in groundwater. Site groundwater will continue to be monitored to determine if the remedy is decreasing COC concentrations in groundwater.
 - C. Future PRR Submittals: It is currently expected that the next PRR will be submitted on or about February 15, 2015.

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

Sincerely,

cc:

Puder Andh

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

Eugene Melnyk, P.E. Richard Galloway Daniel Forlastro Tom Perkins John Yensan NYSDEC Region 9 Honeywell International Inc. AMEC Engineering and Consulting, Inc. De Maximis, Inc. South Buffalo Development, LLC FIGURE 1

FORMER BUFFALO COLOR CORPORATION SITE PLAN





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. C915231	Box 1			
Sit	e Name Buffalo Color Corpora	ation Site Area C			
Sit Cit Co Sit	e Address: 229 Elk Street y/Town: Buffalo unty:Erie e Acreage: 6.0	Zip Code: 14210			
Re	porting Period: June 15, 2012 to	December 12, 2013			
			YES	NO	
1.	Is the information above correct	t?			
	If NO, include handwritten abov	e or on a separate sheet.			
2.	Has some or all of the site prop tax map amendment during this	erty been sold, subdivided, merged, or undergone a s Reporting Period?		X	
3.	Has there been any change of (see 6NYCRR 375-1.11(d))?		\boxtimes		
4.	Have any federal, state, and/or for or at the property during this		X		
	If you answered YES to quest that documentation has been	tions 2 thru 4, include documentation or evidence previously submitted with this certification form.	;		
5.	Is the site currently undergoing	development?			
			Box 2		
			Box 2 YES	NO	
6.	Is the current site use consister Commercial and Industrial	nt with the use(s) listed below?	Box 2 YES	NO D	
6. 7.	Is the current site use consister Commercial and Industrial Are all ICs/ECs in place and fur	nt with the use(s) listed below? nctioning as designed?	Box 2 YES	NO D	
6. 7.	Is the current site use consister Commercial and Industrial Are all ICs/ECs in place and fur IF THE ANSWER TO EITH DO NOT COMPLET	nt with the use(s) listed below? nctioning as designed? HER QUESTION 6 OR 7 IS NO, sign and date below a E THE REST OF THIS FORM. Otherwise continue.	Box 2 YES	NO D	
6. 7. A (Is the current site use consister Commercial and Industrial Are all ICs/ECs in place and fur IF THE ANSWER TO EITH DO NOT COMPLET	nt with the use(s) listed below? Inctioning as designed? HER QUESTION 6 OR 7 IS NO, sign and date below a E THE REST OF THIS FORM. Otherwise continue. must be submitted along with this form to address t	Box 2 YES IX and	NO □ □	
6. 7. A (Is the current site use consister Commercial and Industrial Are all ICs/ECs in place and fur IF THE ANSWER TO EITI DO NOT COMPLET	nt with the use(s) listed below? nctioning as designed? HER QUESTION 6 OR 7 IS NO, sign and date below a E THE REST OF THIS FORM. Otherwise continue. must be submitted along with this form to address th	Box 2 YES	NO U NO U U U U U U U U U U U U U	

		Box 2	Α
		YES	NO
8. H A	as any new information revealed that assumptions made in the Qualitative Exposure ssessment regarding offsite contamination are no longer valid?		
lf th	you answered YES to question 8, include documentation or evidence hat documentation has been previously submitted with this certification form.		
9. A (1	re the assumptions in the Qualitative Exposure Assessment still valid? The Qualitative Exposure Assessment must be certified every five years)		
lf u	you answered NO to question 9, the Periodic Review Report must include an pdated Qualitative Exposure Assessment based on the new assumptions.		
SITE N	NO. C915231	Вох	c 3

Description of Institutional Controls

Darral	0	In a titution of Orac tool
	<u>Owner</u>	Institutional Control
122.12-1-30	South Buffalo Development, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan
The Site Managemer - An Institutional Cor- use restrictions and - A Soil/Fill Manager handling at the Site a - A Site Monitoring P - A Site-wide Inspect remain effective. 122.12-1-35	nt Plan includes: htrols Plan. Institutional controls at the site wi use restrictions of the Site to restricted use (in nent Plan to assure that future intrusive activ are completed in a safe and environmentally Plan that includes: provisions for groundwater tion program to assure that the Institutional c South Buffalo Development, LLC	ill include groundwater i.e. commercial purposes). rities and soil/fill responsible manner. r monitoring; and, controls have not been altered and
		Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan
The Site Managemer - An Institutional Cor use restrictions and - A Soil/Fill Manager handling at the Site a - A Site Monitoring P - A Site-wide Inspect remain effective.	nt Plan includes: htrols Plan. Institutional controls at the site wi use restrictions of the Site to restricted use (in nent Plan to assure that future intrusive activ are completed in a safe and environmentally Plan that includes: provisions for groundwater tion program to assure that the Institutional c	ill include groundwater i.e. commercial purposes). ities and soil/fill responsible manner. monitoring; and, controls have not been altered and
122.12-1-36	South Buffalo Development, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan
The Site Management - An Institutional Cor- use restrictions and - A Soil/Fill Manager handling at the Site at - A Site Monitoring P - A Site-wide Inspect remain effective.	nt Plan includes: htrols Plan. Institutional controls at the site wi use restrictions of the Site to restricted use (i nent Plan to assure that future intrusive activ are completed in a safe and environmentally Plan that includes: provisions for groundwater tion program to assure that the Institutional c	ill include groundwater i.e. commercial purposes). rities and soil/fill responsible manner. r monitoring; and, controls have not been altered and
		Box 4
Description of	Engineering Controls	
Parcel	Engineering Control	
122.12-1-30		
	Cover System	
- Cover System per S	Site Management Plan.	
122.12-1-35	- -	
	Cover System	
- Cover System per S	bite Management Plan.	
122.12-1-36		

Engineering Control Cover System

- Cover System per Site Management Plan.

			Box 5							
	Periodic Review Report (PRR) Certification Statements									
1.	I certify by checking "YES" below that:									
	 a) the Periodic Review report and all attachments were prepared under the dire reviewed by, the party making the certification; 	ction of,	and							
b) to the best of my knowledge and belief, the work and conclusions described in this are in accordance with the requirements of the site remedial program, and generally a angine program processory and the information processory of a program of a securate and examples.										
	engineering practices; and the information presented is accurate and compete.	YES	NO							
		\boxtimes								
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 the following statements are true:	r each Ir at all of t	nstitutional he							
	(a) the Institutional Control and/or Engineering Control(s) employed at this site in the date that the Control was put in-place, or was last approved by the Departmeter the date that the Control was put in-place.	s uncha ent;	nged since							
	(b) nothing has occurred that would impair the ability of such Control, to protect the environment;	public h	ealth and							
	(c) access to the site will continue to be provided to the Department, to evaluate including access to evaluate the continued maintenance of this Control;	e the rer	nedy,							
	(d) nothing has occurred that would constitute a violation or failure to comply wi Management Plan for this Control; and	th the S	ite							
	(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 second	or the sit he docu	e, the ment.							
		YES	NO							
		\boxtimes								
	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 t	hese iss	sues.							
	Signature of Owner, Remedial Party or Designated Representative Date									

IC CERTIFICATIONS SITE NO. C915231	
	Box 6
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE	
I certify that all information and statements in Boxes 1,2, and 3 are true. I understand statement made herein is punishable as a Class "A" misdemeanor, pursuant to Sectio Penal Law.	that a false on 210.45 of the
I <u>Jon M. Williams</u> at <u>333 Ganson Street, Buffalo, NY 14</u> print name print business address	, 203
am certifying as <u>Owner</u> (Owner o	or Remedial Party)
for the Site named in the Site Details Section of this form.	
Anz).	
Signature of Owner, Remedial Party, or Designated Representative Date	26/14
Rendering Certification	

IC/EC	CERTIFICATIONS										
Box 7 Professional Engineer Signature											
I certify that all information in Boxes 4 and 5 punishable as a Class "A" misdemeanor, punishable EGRUASTRO	are true. I understand that a false statement made herein is suant to Section 210.45 of the Penal Law. MACTEC ENGINEERING & CONSULTING, P.C. 800 NORTH BELLANE, SUITE 200, PITTSBURGH P.	, 'A									
print name	print business address 1510	6									
am certifying as a Professional Engineer for	the South BUFFALO DEVELOBATION (Owner or Remedial Party) OF NEW FORMED AND A CONTRACT OF NEW FORMED AND										

ATTACHMENT B

GROUNDWATER DATA TABLES AND FIGURES

ARI GROUN SUMMAR	EA C DWATER RY TABLE	,2,4-Trichlorobenzene	,2-Dichlorobenzene	,3-Dicholorbenzene	,4-Dicholorbenzene	Benzene	Cholorbenzene	Fotal TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	3enzo(a)pyrene	henol	Fotal TCL SVOCs
Class GA	Standard**	5	3	3	3	1	5		1	1	5	0	1	
	11/18/2009	24	<5	6.8	2.8 J	<5	<5	33.6	<5	<5	<10	<5	<5	0
	10/10 - 11/10						ORC-A	Applicat	tion					
	3/24/2011	6.0	10	F 7	10	- 1	No Sam	ple Colle	cted	-E C	-11	221	-E C	2.2
	9/30/2011	0.2 <4	1.2 <4	5.7 <4	<4	<4	<4	0	<5.9	<5.9	<12	2.3 J	<5.9	2.3
	11/25/2011	<4	<4	<4	<4	<4	<4	0	<4.8	<4.8	<9.7	3.2 J	<4.8	3.2
MW-C01	3/28/2012	3.1	2.2	29	8.3	<1	21	63.6	<4.7	<4.7	<9.4	1.1 J	<4.7	1.1
	6/22/2012	1.2	0.82 J	7.2	1	<1	2.8	13.02	<4.7	<4.7	< 9.4	<4.7	<4.7	0
	9/17/2012	0.55 J	<1	2.1 J	<1	<1	<1	2.65	<4./	<4.7	< 9.4	<4.7	<4.7	0
	3/27/2012	2.9	15	1.7	1.5	<1	3	21.2	<4.0 <4.8	<4.0 <4.8	<9.7	<4.0	<4.0 <4.8	0
	6/1/2013	3.7	1.5	12	1.3	<1	3.8	22.3	<4.7	<4.7	< 9.4	<4.7	<4.7	0.43
	9/5/2013	1	<1	2.9	<1	<1	0.88	4.78	<4.7	<4.7	<9.4	<4.7	<4.7	0
	12/2/2013	<4	<4	3.6	<4	<4	<4	3.6	<5	<5	<10	<5	<5	0
	10/10 - 11/10						NO Sam	Applicat	cted					
	3/24/2011	<8	<8	17	29	<8	390	436	<4.7	<4,7	<9.4	<4.7	<4.7	0
	6/29/2011	<1	5.7	17	30	<1	390	442.7	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/30/2011	<1	5.7	21	36	<1	500	562.7	<4.8	<4.8	<9.5	<4.8	<4.8	0
	11/25/2011	<4	4.2	16	29	<4	390	439.2	<4.7	<4.7	< 9.4	<4.7	<4.7	0
MW-C04	3/27/2012	2.6 J	4.4	18	29	<1	330	384	<4./	<4./	< 9.4	<4./	<4./	0
	9/14/2012	<5	4.0 <5	94	17	<5	370.1	396.4	<4.8	<4.7	<9.6	<4.7	<4.7	0.92
	12/3/2012	<5	<5	15	27	<5	340	382	<4.9	<4.9	<9.8	<4.9	<4.9	2.41
	3/27/2013	<5	5.3	16	27	<5	290	338.3	<5	<5	<10	<5	<5	1.86
	5/31/2013	<5	5.7	16	28	<5	290	343.9	<4.8	<4.8	<9.5	<4.8	<4.8	1.53
	9/5/2013	<5	5.8	17	28	<5	330	380.8	0.72	<4.9	< 9.7	<4.9	<4.9	3.03
	12/3/2013	<5 <1	6.9 <1	 _<1	39 <1	<5 <1	360	429.9	<6.2	<5	<10	< 5	<6.2	1.71
	10/10 - 11/10	1			1		ORC-A	Applicat	tion	40.2	-12	40.2	40.2	
	3/24/2011	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	<9.4	<4.7	<4.7	0
	6/29/2011			.4			No Sam	ple Colle	cted					
	9/30/2011	<1	<1	<1	<1	<1	<1	0	<4.7	<4.7	< 9.4	<4.7	<4.7	0
PS-04	3/27/2012	<1	<1	<1	<1	<1	<1	0	<26	<26	<52	<26	<26	0
	6/22/2012	2.2	<1	<1	<1	<1	<1	2.2		No	Sample	Collect	ed	
	9/14/2012	<1	<1	<1	<1	<1	<1	3.2		No	Sample	Collect	ed	1
	12/3/2012	<1	<1	<1	<1	<1	<1	0	<4.9	<4.9	< 9.7	<4.9	<4.9	0
	5/31/2013	0.73	<1	<1	<1	<1	<1 1 2	0.73	<4.9	<4.9	< 9.8	<4.9	<4.9	0
	12/2/2013	<1	<1	<1	<1	<1	<1	0	<5	<5	<10	<5	<5	0
	11/17/2009*	<1	5	<1	0.76 J	0.97 J	700	706.73	<4.9	<4.9	<9.8	<4.9	<4.9	0
	10/10 - 11/10						ORC-A	Applicat	tion					
	3/24/2011						No Sam	ple Colle	cted					
	9/30/2011	<4	41	<4	<4	<4	1200	1241	<5.3	<5.3	<11	<5.3	<5.3	0
	11/25/2011	<4	11	<4	<4	<4	580	591	<4.7	<4.7	<9.4	<4.7	<4.7	0
PS-05A	3/27/2012	<1.4	13	<1	0.96 J	9.5	560	583.46	<4.7	<4.7	<9.4	<4.7	<4.7	0
10.004	6/21/2012	<5	58	<5	<5	<5	870	928	<4.7	<4.7	< 9.4	<4.7	<4.7	0
	9/17/2012	<4	<4	<4	<4	23 J	210	233	< 9.8	< 9.8	<20	< 9.8	< 9.8	2.3
	3/26/2012	<8	0.1 <8	<8	<u>~4</u> <8	<u>\</u>	330	337.5	~ 4.0 <5	~4.0 <5	<9.0	~ 4.0 <5	~ 4.0 <5	4.45
	5/31/2013	<8	8	<8	<8	<8	470	484.5	<4.8	<4.8	<9.6	<4.8	<4.8	8.1
	9/5/2013	<4	4.5	<4	<4	<4	310	329.2	<4.9	<4.9	<9.8	<4.9	<4.9	3.6
	12/2/2013	<4	4.1	<4	<4	<4	210	214.1	<5	<5	<10	<5	<5	1.7
	11/17/2009 10/10 - 11/10	<1	<1	<1	<1	0.61 J	<1	0.61	<25	<25	<50	<25	<25	0
	3/24/2011	<10	<10	<10	<10	<10	<10	0	<5.2	1.8 J	45	<5.2	1.9 J	48.7
	6/29/2011	<1	<1	<1	<1	2.7	<1	2.7	<4.7	1.3 J	36	<4.7	<4.7	37.3
	9/30/2011	<5	<5	<5	<5	<5	<5	0	<26	<26	8.9 J	<26	<26	8.9
	11/25/2011	<4	<4	<4	<4	<4	<4	0	<4.7	1.3 J	11	<4.7	<4.7	12.3
PS-06	3/28/2012	<4 <4	<4 <4	<4 <4	<4 <4	<4 <4	<4 <4	0	<4./ <4.7	<4./	2.9 J	<4./ <4.7	<4./ <4.7	4 25
	9/14/2012	.,	- r	· 7	. ·т	- T	No Sam	ple Colle	cted	0.100	0.00			
	12/4/2012	<5	<5	<5	<5	<5	<5	0	<4.9	<4.9	<9.7	<4.9	<4.9	0
	3/27/2013	<5	<5	<5	<5	<5	<5	4.6	<25	<25	<49	<25	<25	0
	5/31/2013	<5	<5	<5	<5	<5	<5	3.1	<4.9	<4.9	0.63	<4.9	<4.9	0.98
	12/2/2013	>0 <5	 <5	<5	_>ວ <5	>0 <5	<5	0	~ 4 .0 <5	~4.0 <5	<10	~4.0 <5	~ 4 .0 <5	0.47
1	, _, _ 0 10							-						

AREA C GROUNDWATER SUMMARY TABLE		1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Cholorbenzene	Total TCL VOCs	2,4-Dichlorophenol	2,4-Dimethylphenol	Aniline	Benzo(a)pyrene	Phenol	Total TCL SVOCs
Class GA	Standard**	5	3	3	3	1	5		1	1	5	0	1	
	11/19/2009	130	11	<1	2	7.6	5900	6050.6	<5	<5	<9.9	<5	<5	0
	10/10 - 11/10						ORC-A	A Applicat	ion					
	3/24/2011	180	16	<5	<5	120	3000	3316	<24	<24	<47	<24	<24	0
	6/29/2011	130	<50	<50	<50	25 J	5900	6055	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/30/2011	34	3.8	<1	2.3	4.8	1100	1144.9	0.75 J	<5.3	<11	<5.3	<5.3	0.75
	11/25/2011	280	24	<4	<4	4	2100	2408	<4.7	<4.7	<9.4	<4.7	<4.7	0
RFI-20	3/27/2012	74 J	5	<1	1.8 J	11 J	6600	6691.8	<4.7	<4.7	<9.4	<4.7	<4.7	0
14120	6/21/2012	<80	<80	<80	<80	<80	6700	6700	<4.7	<4.7	<9.4	<4.7	<4.7	0
	9/14/2012	270	<100	<100	<100	<100	8700	8727	<4.8	<4.8	<9.6	<4.8	<4.8	8.7
	12/3/2012	<100	<100	<100	<100	<100	4600	4600	<4.9	<4.9	<9.8	<4.9	<4.9	2.1
	3/26/2013	21	2.1	<1.4	1	280	6500	6804.1	<5	<5	<9.9	<5	<5	2.2
	5/31/2013	<100	<100	<100	<100	410	6400	6863	<4.8	<4.8	<9.6	<4.8	0.66	8.16
	9/5/2013	<100	<100	<100	<100	51	6900	6951	<4.8	<4.8	<9.7	<4.8	<4.8	1.3
	12/2/2013	<100	<100	<100	<100	61	8200	8261	<5	<5	<10	<5	<5	0
	11/19/2009	1200	8.6 J	1600	110	9.6 J	830	3758.2	7.9	<5.5	<11	<5.5	0.47 J	8.37
	10/10 - 11/10		r	r			ORC-A	A Applicat	ion	r.	.	-	•	
	3/24/2011	1100	7.1	1000	69	9.5	680	2865.6	3.8 J	<25	<50	<25	<25	3.8
	6/29/2011	330	2	200	15	2.8	180	729.8	0.57 J	<4.8	<9.6	<4.8	<4.8	0.57
	9/30/2011	2000	8.6	340	34	17	1100	3499.6	25 J	<5.4	<11	<5.4	<5.4	25
	11/25/2011	410	<4	180	15	<4	320	925	<4.7	<4.7	<9.4	<4.7	<4.7	0
RFI-31	3/28/2012	1900	10	960	69	9.7	740	3688.7	0.81	<4.8	2.5 J	<4.8	<4.8	3.31
14101	6/22/2012	820	4.2	250	22	7.5	470	1573.7	0.87 J	<4.7	2 J	<4.7	<4.7	2.87
	9/17/2012	230	<4	160	11	3 J	180	584	<4.8	<4.8	1.5 J	<4.8	<4.8	6.9
	12/4/2012	250	<4	280	18	<4	120	668	<4.9	<4.9	<9.8	<4.9	<4.9	1.2
	3/27/2013	400	<4	780	22	<4	37	1239	4.5	<4.9	1.4	<4.9	<4.9	8.76
	6/1/2013	400	<10	610	22	<10	200	1239.5	4.1	<4.7	1.4	<4.7	<4.7	7.9
	9/5/2013	610	<10	1300	66	10	610	2596	14	<4.8	1.6	<4.8	<4.8	25.3
	12/3/2013	350	<10	730	32	<10	120	1232	1.3	<5	<10	<5	<5	3.24

Notes:

Sample collected from well PS-05 which was replaced by PS-05A after it was destroyed.
 Results compared to NYDEC Class GA water quality standards

J - Laboratory Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the

Results are shown in ug/L.

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

























2

ATTACHMENT C

GROUNDWATER SAMPLE LOGS

FIELD	DATA	RECORD -	GROUN	IDWAT	ER SA	MPLING						050		
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_	AREA.C_M	W-C01_0912		ONTARIO SPE	CIALTY CONTRACTING, INC.		
WELL ID		MW-C	01			SAMPLE EVENT		AREA.C_30	22012		SAMF	9/17/2012		
TIME	START	11:45 AM	END 12:	40 PM		JOB NUMBER		0913OMM			SAMPLER	Tom Wagner (TW)		
WATER	LEVEL / P	UMP SETTING	iS		1	MEASUREMENT POIN	١T				NAPL REMOVAL METHOD			
STATIC D TO W	EPTH ATER	8.01	FT			X TOP OF WELL R TOP OF PROTEC OTHER	ISER CTIVE CAS	ING			BAILE PERIS ABSO	R STALTIC PUMP RBENT SOCK		
D	WELL 15.0 FT DEPTH				MEASUREMENT POINT ELEVATION				FASL	N	DEPTH TO NAPL	ND FT		
DIAM	WELL ETER	2.0	IN	WE	ELL STICK	KUP TO PROTECTIVE EIGHT DIFFERENTIAL		IN			NAPL VOL. REMOVED	GAL		
SC LE	REEN NGTH	10.0	FT	INTA	WELL F	PROTECTIVE CASING PROPERLY SECURED	YES							
TOTAL	VOL. RGED	0.601	GAL			TIME OF SAMPLE COLLECTION		12:18 P	M					
PURGE I	ΔΤΑ					SPECIFIC								
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/i	TE m) (de	EMP. eg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Y	REDOX (ORP)	COMMENTS		
11:53		8.01	175	8	3.35	63.210	6.53	1.35	58.35		-12.1			
11:57	0.185	8.03	175	8	3.40	57.800	6.49	1.38	47.65		-9.2			
12:03	0.092	8.71	175	8	3.50	50.460	6.43	2.32	46.32	_	-o.7 -8.1			
12:06	0.139	8.78	175	8	3.56	49.820	6.29	2.40	41.27		-7.9			
				_						_				
				_						_				
										+				
	ENT DOCU OF PUMP WAILER SIMCO BL			TYPE C X S X H	DF TUBING	<u>G</u> SITY POLYETHYLENE	TYP X	E OF WATEI YSI 556 MF HORIBA U-	<u>R QUALITY M</u> PS W/ FLOW -50 W/ FLOW	<u>eter</u> Cell Cell	TYPE OF W X GEOT SOLIN	ATER LEVEL DEVICE ECH INTERFACE METER IST WATER METER		
	GEOPOMP		UMP		INER			OTHER				ĸ		
ANALYTICAL PARAMETERS To Be Collected VOC 8260B VOC 8260B VOC 8260B VOC 8260B VOC 8260B VOC 8260B V								PRESERVATION <u>METHOD</u> HCL / 4 DEG. C 4 DEG. C HNO3 to pH <2 HNO3 to pH <2 HCL / 4 DEG. C 4 DEG. C HNO3 to pH <2 HCL / 4 DEG. C 4 DEG. C HNO3 to pH <2 HNO3 to P			UME 2UIRED 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 40 mL X 1 LAG X 1 LP X 1 LP X 1 LAG X 1 LP X 40 mL X 1 LP X 40 mL X 1 LP X 40 mL 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 (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED)		
PURGE	OBSERVA	TIONS						COMMENT	S					
PURGE W	ATER ERIZED	YES X	NO	NUMBE	ER OF GA	LLONS 0.601								
NOTES All equipm arrival on s	ent used eith ite. No rinse	her dedicated or d laate / field blank re	econned prior	to Shap	m									
SIGNITU	RE:													

FIELD	DATA	RECORD	GROUN	DWATER S	AMPLING					050		
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_	AREA.C_M	W-C04_0912	ONTARIO SPI	ECIALTY CONTRACTING, INC.		
WELL ID		MW-C	04		SAMPLE EVENT		AREA.C_30	Q2012	SAM	9/14/2012 PLE DATE		
ТІМЕ	START	9:50 AM	11:4 END	5 AM	JOB NUMBER		0913ON	١M	SAMPLER	Tom Wagner (TW)		
WATER	LEVEL / F	UMP SETTING	S		MEASUREMENT POIN	IT			NAPL REMOVAL METHOD			
STATIC D TO W	EPTH ATER	6.05	FT		X TOP OF WELL F TOP OF PROTEC OTHER	RISER CTIVE CAS	ING		BAIL PERI ABSO	ER ISTALTIC PUMP ORBENT SOCK		
WELL 14.0 FT DEPTH				MEASUREMENT POINT ELEVATION		587.78	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT			
WELL 2.0 IN DIAMETER			WELL STI CASING	CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL			IN	NAPL VOL. REMOVED	GAL			
SC LE	REEN NGTH	10.0	FT	WEL INTACT AND	PROTECTIVE CASING	YES	X NO					
TOTAL PUI	. VOL. RGED	0.523	GAL		TIME OF SAMPLE COLLECTION		10:15 A	м				
PURGE	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)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS		
10:00		5.80	180	14.61	1.572	7.36	5.89	6.20	-42.2			
10:02	0.095	5.88	180	14.82	1.532	7.34	3.39	4.39	-39.0			
10:04	0.095	5.89	180	15.29	1.401	7.30	2.26	6.90	-32.6			
10:07	0.143	5.69	180	15.36	1.381	7.23	0.61	6.10	-29.2			
10:00	0.095	5.89	180	16.00	1.291	7.19	0.52	4.20	-31.3			
-												
EQUIPM		UMENTATION		TYPE OF TUB	NG	TYP	E OF WATE	R QUALITY ME	TER TYPE OF V	NATER LEVEL DEVICE		
	WAILER SIMCO BI	ADDER		X SILICON	E NSITY POLYETHYLENE	Х	YSI 556 MF HORIBA U-	PS W/ FLOW C -50 W/ FLOW (ELL X GEO	TECH INTERFACE METER		
х	GEOPUMF	PERISTALTIC P	UMP	OTHER			OTHER		ОТН	ER		
ANALYT	ICAL PAR	AMETERS										
To Be Collec	ted			ME	THOD		PRESERVA	ATION		SAMPLE		
RD	X VOC	_		826	0B		HCL / 4 DE	G. C	3 X 40 mL	X VOC		
ANDA	X SVO X TAL	C INORGANICS		CL	5 5		4 DEG. C HNO3 to pH	H <2	2 X1LAG 1 X1LP	X SVOC X TAL INORGANICS		
EST	TAL	INORGANICS		CL			HNO3 to pH	H <2	X 1 LP	TAL INORGANICS (FILTERED)		
ICAT	X SVO	с		CL			4 DEG. C		2 X 1 LAG	X SVOC		
JUPL	X TAL	INORGANICS		CL	5 5		HNO3 to pH	H <2 H <2	1 X1LP X1LP	X TAL INORGANICS		
	X VOC	INORGANICO		826	60B		HCL / 4 DE	G. C	3 X 40 mL	X VOC		
WS	X SVO X TAL	C INORGANICS		CL	> >		4 DEG. C HNO3 to ph	H <2	2 X1LAG 1 X1LP	X SVOC X TAL INORGANICS		
	TAL	INORGANICS		CL			HNO3 to pl	H <2	X 1 LP	TAL INORGANICS (FILTERED)		
Ģ	X VOC	с		826 CL	50B		4 DEG. C	:G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC		
W	X TAL			CL	D		HNO3 to ph	H <2 ⊣ <2	1 X1LP			
				CL	-		HINOS to pi	1 ~2	A T LF	TAL INORGANICS (FILTERED)		
PURGE	JBSERVA	TIONS					COMMENT	S				
PURGE W	ATER ERIZED	YES X	NO	NUMBER OF O	GALLONS 0.523							
NOTES												
All equipm arrival on s	ent used eit site. No rinse	her dedicated or d eate / field blank re	leconned prior equired	to								
		1	hang b	6h-								
		1/1		Ju								
SIGNITU	RE:											

FIELD DATA RECORD - GROUNDWATER SAMPLING													
PROJECT		Buffalo Color C	Corporation			SAMPLE ID	BC	C_AREA.C_F	PS-04_0912		ONTARIO SPE	CIALTY CONTRACTING, INC.	
WELL ID		PS-04	4			SAMPLE EVENT		AREA.C_30	Q2012		SAMF	9/14/2012	
TIME	START	12:10 PM	END 1:"	15 AM		JOB NUMBER		0913ON	IM		SAMPLER	Tom Wagner (TW)	
WATER	LEVEL / P	UMP SETTING	S			MEASUREMENT POIN	T				NAPL REM	OVAL METHOD	
STATIC D TO W	EPTH ATER	5.37	FT			TOP OF WELL R TOP OF PROTEC	TISER CTIVE CAS	SING			PERISTALTIC PUMP ABSORBENT SOCK		
D	WELL	7.0	FT		MEASUREMENT POINT ELEVATION				FASL	N	DEPTH TO NAPL ON DETECT (ND)	ND FT	
WELL 1.0 IN DIAMETER					ELL STICH ASING HI	KUP TO PROTECTIVE EIGHT DIFFERENTIAL			IN		NAPL VOL. REMOVED	GAL	
SCREEN 4.5 FT				INTA									
TOTAL VOL. PURGED 0.634		GAL		TIME OF SAMPLE COLLECTION			12:25 PM						
PURGE I			DUDOE			SPECIFIC			TUDDIDIT	, i	DEDOX		
TIME	TIME (gal) WATER (ft) RATE (ml/m				±MP. eg. C)	(ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	r	(ORP)	COMMENTS	
12:12	12 5.47 200		1	6.43	1.027	6.79	1.75	71.90	_	42.4			
12:15	0.159	6.12 6.25	200	1	0.65 6.91	1.051	6.67	1.65 1.49	42.30	+	44.8 51.6		
12:20	12:20 0.106 6.28 200				7.15	1.079	6.77	1.39	9.82		60.8		
12:24	2:24 0.211 6.29 200		1	7.39	1.142	6.67	1.33	6.60		63.2	Sample, low recharge		
			_						_				
										_			
_													
EQUIPM	ENT DOCU	UMENTATION		TYPE (OF TUBIN	<u>G</u>	TYF	E OF WATE	R QUALITY M	ETER	TYPE OF W	VATER LEVEL DEVICE	
	WAILER SIMCO BL	ADDER		X S X H	SILICONE	SITY POLYETHYLENE	Х	YSI 556 MF HORIBA U	PS W/ FLOW -50 W/ FLOW	CELL CELL	X GEOT SOLI	FECH INTERFACE METER	
Х	GEOPUMF	PERISTALTIC P	PUMP	C	DTHER			OTHER		-	OTHE	R	
ANALYT	ICAL PAR	AMETERS											
To Be Collec	ted				METH NUM	HOD BER		METHOD	ATION	VOL REC		SAMPLE COLLECTED	
DARD	X VOC	с			8260 CLP	В		HCL / 4 DE 4 DEG. C	G. C	1	X 40 mL X 1 LAG	X VOC SVOC	
STANE	X TAL				CLP			HNO3 to pl	H <2	1	X 1 LP		
ATE S	VOC				8260	В		HCL / 4 DE	G. C		X 40 mL	VOC	
PLIC	SVO TAL	C INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG X 1 LP	SVOC TAL INORGANICS	
D	TAL VOC	INORGANICS			CLP 8260	в		HNO3 to pl	H <2		X 1 LP X 40 ml	TAL INORGANICS (FILTERED)	
SM	SVO	C			CLP	5		4 DEG. C			X 1 LAG	SVOC	
	TAL	INORGANICS			CLP			HNO3 to pr HNO3 to pr	H <2 H <2		X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)	
0	VOC SVO	с			8260 CLP	В		HCL / 4 DE 4 DEG, C	G. C		X 40 mL X 1 LAG	VOC SVOC	
MS	TAL				CLP			HNO3 to pl	H <2		X 1 LP		
		TIONE			OLI		1		1 2		XTE	TAE INORGANICS (HETERED)	
PURGEW	ATER			NUMBE		LLONS 0.634		Low rechar	ge, not enoug	n water t	o collect SVOA san	nple	
CONTAIN	RIZED	YES X	NO	GENEF	RATED								
NOTES All equipm	ent used eith	her dedicated or o	leconned prior	r to									
annvar on s	ing. Ind hidse			(/)									
		1/2	trande C.	? Way	m								
SIGNITU	RE:			~		<u> </u>							

FIELD DATA RECORD - GROUNDWATER SAMPLING											
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC	_AREA.C_P	S-05A_0912	Ontario Sf	PECIALTY CONTRACTING, INC.
WELL ID		PS-05	A			SAMPLE EVENT		AREA.C_30	22012	SAN	9/17/2012
TIME	START	9:50 AM	END 11	:00 AM		JOB NUMBER		0913ON	IM	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S			MEASUREMENT POIN	Т			NAPL REI	MOVAL METHOD
STATIC D TO W	EPTH ATER	5.71	FT			X TOP OF WELL R TOP OF PROTEC OTHER	ISER CTIVE CAS	ING		BAII PEF ABS	LER RISTALTIC PUMP SORBENT SOCK
D	WELL EPTH	8.0	FT			MEASUREMENT POINT ELEVATION		588.7	FASL	DEPTH TO NAPI	ND FT
WELL 2.0 IN DIAMETER				١	VELL STIC	KUP TO PROTECTIVE			IN	NAPL VOL REMOVE	GAL
SCREEN 5.0 FT											
TOTAL	TOTAL VOL. 0.523		GAL		IACT AND I	TIME OF SAMPLE	TES	10:10 A	М		
PURGE DATA VOL. DEPTH TO PURGE TIME (gal) WATER (ft) RATE (ml/r				/m) (TEMP. deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
10:10	0 5.82 180			17.38	2.102	6.99	0.38	50.10	-52.3		
10:12	0.095	5.83	180		17.75	1.866	7.00	0.29	18.17	-41.6	
10:14	10:14 0.095 5.86 180 10:16 0.005 5.80 180				17.79	1.799	7.01	0.23	14.55	-41.1	
10:10	10:16 0.095 5.89 180 10:19 0.143 5.90 180				17.56	1.743	7.01	0.22	9.10 6.10	-43.2	
10:21	21 0.095 5.90 180			17.61	1.746	7.01	0.20	5.31	-46.2		
EQUIPMI TYPE	ENT DOCU E OF PUMP WAILER	JMENTATION		TYPE X	<u>OF TUBIN</u> SILICONE	G	TYPE X	E OF WATEI YSI 556 MF	<u>r quality me</u> PS W/ Flow (ETER TYPE OF	WATER LEVEL DEVICE DTECH INTERFACE METER
х	SIMCO BL GEOPUMF	ADDER PERISTALTIC P	UMP	X	HIGH DEN OTHER	SITY POLYETHYLENE		HORIBA U- OTHER	50 W/ FLOW	CELL SOL	INST WATER METER IER
ANALYT	ICAL PAR	AMETERS									
To Be Collect		AMETERS			METI NUM	HOD BER		PRESERVA		VOLUME REQUIRED	SAMPLE COLLECTED
NDAR	X SVO	C			CLP	5		4 DEG. C		2 X 1 LAG	X SVOC
STAI	X TAL X TAL	INORGANICS			CLP			HNO3 to pH	1 <2 1 <2	1 X1LP 1 X1LP	X TAL INORGANICS X TAL INORGANICS (FILTERED)
CATE	VOC SVO	C			8260 CLP	В		HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG	VOC SVOC
DUPLI	TAL TAL				CLP CLP			HNO3 to pH	H <2 H <2	X 1 LP	TAL INORGANICS
	VOC				8260	В		HCL / 4 DE	G. C	X 40 mL	VOC
MS	SVO TAL	C INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP	TAL INORGANICS
	TAL VOC	INORGANICS			CLP 8260	в		HNO3 to pH	H<2 G.C	X 1 LP X 40 ml	TAL INORGANICS (FILTERED)
4SD	SVO				CLP	-		4 DEG. C	1.10	X 1 LAG	
2	TAL	INORGANICS			CLP			HNO3 to pH	1 <2	X 1 LP	TAL INORGANICS
PURGE 0	OBSERVA	TIONS						COMMENT	S		
PURGE W		YES X	NO	NUM	BER OF GA	LLONS 0.523					
NOTES				JLN							
All equipm arrival on s	ent used eith iite. No rinse	ner dedicated or d eate / field blank re	leconned pric	er to							
		1/1	hund	Sha	m						
SIGNITU	RE:										

FIELD	DATA	RECORD -	GROUM	IDWAT	ER S/				050		
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC	C_AREA.C_F	PS-06_0912	ONTARIO SF	PECIALTY CONTRACTING, INC.
WELL ID		PS-06	3			SAMPLE EVENT		AREA.C_3	Q2012	SAM	9/17/2012
TIME	START	11:00 AM	END 11:	55 AM		JOB NUMBER		0913ON	ИМ	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S			MEASUREMENT POIN	IT			NAPL REI	MOVAL METHOD
STATIC D	EPTH ATER		FT			X TOP OF WELL R TOP OF PROTEC	ISER CTIVE CAS	ING		BAIL PER ABS	LER RISTALTIC PUMP SORBENT SOCK
۱. م	WELL	8.0	FT					587.434	FASL		
N Diam	WELL 1.0 IN				ELL STIC				NAPL VOL	GAL	
SCREEN 5.0 FT				WELL	PROTECTIVE CASING				REMOVEL		
TOTAL	LENGTH 5.0 FT		GAL	INTA	ACT AND F	TIME OF SAMPLE	YES	X NO			
PUF	RGED					COLLECTION					
TIME	PURGE DATA VOL. DEPTH TO PURGE TIME (gal) WATER (ff) RATE (ml/m)				EMP. eg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
										-	
EQUIPME	ENT DOCU	JMENTATION							1		
TYPE				TYPE	<u>OF TUBIN</u>	<u>G</u>	TYP	E OF WATE YSI 556 MI	R QUALITY ME PS W/ FLOW C	TER TYPE OF	WATER LEVEL DEVICE
	SIMCO BL		IMD	X	HIGH DEN	SITY POLYETHYLENE			-50 W/ FLOW (INST WATER METER
			UMP		JTHER			UTHER			1ER
ANALYT	ICAL PAR	AMETERS			METI	HOD		PRESERV/	ATION		SAMPLE
ARD	VOC	C			8260 CLP	В		HCL / 4 DE	EG. C	X 40 mL	
TAND	TAL				CLP			HNO3 to pl	H <2	X1LP	
ATE S	VOC	INORGANICS			8260	В		HCL / 4 DE	H 42 EG. C	X 40 mL	VOC
JPLIC	TAL	C INORGANICS			CLP			4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP	TAL INORGANICS
ā	TAL VOC	INORGANICS			CLP 8260	В		HNO3 to pl HCL / 4 DE	H <2 EG. C	X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC
RS	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 8260	в		HNO3 to pl	H <2	X 1 LP X 40 ml	TAL INORGANICS (FILTERED)
ASD	SVO				CLP			4 DEG. C		X 1 LAG	
	TAL	INORGANICS			CLP			HNO3 to pl	H <2	X1LP	TAL INORGANICS (FILTERED)
PURGE C	OBSERVA	TIONS						COMMENT	rs		
PURGE W	ATER ERIZED	YES X	NO	NUMB GENE	ER OF GA RATED			Well was d	lry		
NOTES											
All equipme arrival on s	ent used eith ite. No rinse	ner dedicated or d eate / field blank re	econned prior equired	to							
				Sh1	8						
		1/1	Suce O.	, was	m	_					
SIGNITU	RE:										

FIELD DATA RECORD - GROUNDWATER SAMPLING											
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.C_R	RFI-20_0912	ONTARIO SP	ecialty Contracting, Inc.	
WELL ID		RFI-2	0		SAMPLE EVENT		AREA.C_30	Q2012	SAM	9/14/2012	
TIME	START	1:10 PM	2:15 END	PM	JOB NUMBER		0913ON	ИМ	SAMPLER	Tom Wagner (TW)	
WATER	LEVEL / P	UMP SETTING	S							NOVAL METHOD	
STATIC D TO W	EPTH ATER	6.37	FT		TOP OF WELL P TOP OF PROTEC	CTIVE CAS	SING		PER ABS	ISTALTIC PUMP ORBENT SOCK	
C	WELL EPTH	12.3	FT		MEASUREMENT 587.502 POINT ELEVATION				DEPTH TO NAPL NON DETECT (ND)	ND FT	
DIAM	WELL ETER	2.0	IN	WELL STIC CASING H	WELL STICKUP TO PROTECTIVE IN					GAL	
SCREEN 6.0 FT				WELL INTACT AND							
TOTAL VOL. 0.653 PURGED		GAL		TIME OF SAMPLE COLLECTION		1:25 PI	M				
PURGE	DATA				SPECIFIC						
VOL. DEPTH TO PURGE TIME (gal) WATER (ft) RATE (ml/m)				TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS	
13:18	18 6.43 190		190	15.49	2.789	6.83	0.30	10.49	15.0		
13:20 13:25	0.100	6.89 7.43	190 190	15.50 15.61	2.742	6.84 6.79	0.44	7.45 5.27	3.3		
13:27	0.100	7.90	190	15.70	3.592	6.57	0.35	3.18	-26.3		
13:31	13:31 0.201 8.26 190			15.73	3.356	6.67	0.42	4.28	-28.5		
EQUIPM	ENT DOCU	JMENTATION			IG	TYP	E OF WATE	R QUALITY ME	TER TYPE OF	WATER LEVEL DEVICE	
	SIMCO BL	ADDER		X HIGH DEN	ISITY POLYETHYLENE		HORIBA U	-50 W/ FLOW (INST WATER METER	
X	GEOPUMP	PERISTALTIC P	UMP	OTHER			OTHER		OTH	ER	
ANALYT To Be Collec	ICAL PAR	AMETERS		MET	HOD		PRESERV	ATION	VOLUME	SAMPLE	
				NUN	IBER				REQUIRED		
NDARI	X SVOC	C		CLP	0		4 DEG. C		2 X1LAG	X SVOC	
STAN	X TAL	INORGANICS		CLP			HNO3 to pl HNO3 to pl	H <2 H <2	1 X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)	
CATE	VOC SVO	C		8260 CLP	B		HCL / 4 DE 4 DEG. C	EG. C	X 40 mL X 1 LAG	VOC SVOC	
OUPLI	TAL			CLP			HNO3 to pl	H <2 H <2	X 1 LP		
	VOC	INORGANICS		8260	В		HCL / 4 DE	EG. C	X 40 mL	VOC	
MS	SVO0 TAL I	C INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS	
	TAL I VOC	INORGANICS		CLP 8260	B		HNO3 to pl HCL / 4 DE	H <2 =G. C	X 1 LP X 40 mL	TAL INORGANICS (FILTERED)	
4SD	SVO			CLP			4 DEG. C	4.72	X 1 LAG		
	TAL	INORGANICS		CLP			HNO3 to pl	H <2 H <2	X 1 LP	TAL INORGANICS	
PURGE	OBSERVA	TIONS					COMMENT	rs			
PURGE W CONTAIN	ATER ERIZED	YES X	NO	NUMBER OF GA	ALLONS 0.653						
NOTES											
All equipm arrival on s	ent used eith ite. No rinse	ner dedicated or d eate / field blank re	econned prior to equired)							
		11	hung OS	han							
SIGNITU	RE:	/			8						
	-										

FIELD DATA RECORD - GROUNDWATER SAMPLING												
PROJECT		Buffalo Color C	Corporation]	SAMPLE ID	BCC	_AREA.C_R	FI-31_0912	O	NTARIO SPI	ecialty Contracting, Inc.
WELL ID		RFI-3	1]	SAMPLE EVENT		AREA.C_30	Q2012		SAM	9/17/2012
TIME	START	9:00 AM	END 10):00 AM		JOB NUMBER		0913ON	IM		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S			MEASUREMENT POIN	Т				NAPL REM	IOVAL METHOD
STATIC D TO W	EPTH ATER	7.58	FT			X TOP OF WELL R TOP OF PROTEC OTHER	ISER CTIVE CAS	ING			BAIL PERI ABS(ER ISTALTIC PUMP ORBENT SOCK
n D	WELL EPTH	14.0	FT			MEASUREMENT POINT ELEVATION		587.721	FASL	DEF NON I	PTH TO NAPL DETECT (ND)	ND FT
WELL 2.0 IN DIAMETER				,	WELL STICH CASING H	KUP TO PROTECTIVE EIGHT DIFFERENTIAL			IN		NAPL VOL. REMOVED	GAL
SCREEN 5.0 FT			IN	WELL TACT AND F	PROTECTIVE CASING PROPERLY SECURED	YES	X NO					
TOTAL VOL. 0.317 PURGED		GAL		TIME OF SAMPLE COLLECTION			9:20 AI	м				
PURGE I	ΔΑΤΑ					SPECIFIC						
VOL. DEPTH TO PURGE TIME (gal) WATER (ft) RATE (ml/m)				≣ I/m)	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	F	REDOX (ORP)	COMMENTS
9:10		7.22	200		14.93	14.750	6.80	0.61	3.21	_	7.8	
9:12 9:14	0.106	9.00	200		15.57	13.590	6.90 7.24	0.50	4.53		-3.2	
9:16	9:14 0.106 11.30 200 9:16 0.106 12.10 200			15.81	11.010	7.39	0.33	5.90		-14.9		
EQUIPM	ENT DOCU	JMENTATION		TYP	E OF TUBIN	G	TYP	E OF WATE	R QUALITY M	ETER	TYPE OF V	NATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X	SILICONE HIGH DEN	SITY POLYETHYLENE	X	HORIBA U	-50 W/ FLOW	CELL	X GEO SOLI	TECH INTERFACE METER NST WATER METER
Х	GEOPUMF	PERISTALTIC P	PUMP		OTHER			OTHER			OTH	∃R
ANALYT To Be Collect		AMETERS			MET			PRESERVA	ATION		=	SAMPI F
	X VOC				NUM	BER		METHOD		REQUIR	ED	
IDARI	X SVO	С			CLP	D		4 DEG. C	.6. 0	2 X 1	1 LAG	X SVOC
STAN	X TAL TAL	INORGANICS INORGANICS			CLP CLP			HNO3 to pl HNO3 to pl	H <2 H <2	1 X1 X1	1 LP 1 LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
CATE	VOC SVO	C			8260 CLP	В		HCL / 4 DE 4 DEG. C	G. C	X 4 X 1	40 mL 1 LAG	VOC SVOC
DUPLI	TAL				CLP			HNO3 to pl	H <2	X1	1 LP	
	VOC				8260	В		HCL / 4 DE	G. C	X 4	40 mL	VOC
MS	TAL	C INORGANICS			CLP			4 DEG. C HNO3 to pl	H <2	X 1 X 1	1 LAG 1 LP	TAL INORGANICS
	TAL VOC	INORGANICS			CLP 8260	В		HNO3 to pH HCL / 4 DE	H <2 :G. C	X 1 X 4	1 LP 40 mL	TAL INORGANICS (FILTERED)
MSD	SVO				CLP			4 DEG. C	4 < 2	Xi	1 LAG	
	TAL	INORGANICS			CLP			HNO3 to pl	H <2	X	1 LP	TAL INORGANICS (FILTERED)
PURGE	OBSERVA	TIONS						COMMENT	ſS			
PURGE W CONTAINE	ATER ERIZED	YES X	NO	NUM GEN	IBER OF GA ERATED	LLONS 0.317						
NOTES							-					
All equipm arrival on s	ent used eith iite. No rinse	ner dedicated or d ate / field blank re	leconned prie	or to								
		1	hand	Shi	(
		1/1	- marc	1.000	m							
SIGNITU	RE:											

FIELD	DATA	RECORD -	GROUNE	WATER SA	AMPLING					050
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_	AREA.C_M	W-C01_1212	Ontario Spi	ECIALTY CONTRACTING, INC.
WELL ID		MW-C)1		SAMPLE EVENT		AREA.C_40	22012	SAM	12/3/2012 PLE DATE
TIME	START	10:30 AM	12:50 END	PM	JOB NUMBER		0913ON	١M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT			NAPL REM	IOVAL METHOD
STATIC D TO W	EPTH ATER	6.20	FT		TOP OF WELL R TOP OF PROTEC	CTIVE CAS	SING		PERI ABS0	ER STALTIC PUMP DRBENT SOCK
D	WELL	15.0	FT		MEASUREMENT 584.988 FASL POINT ELEVATION				DEPTH TO NAPL NON DETECT (ND)	ND FT
DIAM	WELL ETER	2.0	IN	WELL STIC CASING H	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL Ground level IN				NAPL VOL. REMOVED	GAL
SC	REEN	10.0	FT			VES				
TOTAL	VOL.	0.719	GAL		TIME OF SAMPLE COLLECTION 11:15 AM					
					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
10:47 6.67 160			11.47	66.850	6.47	1.24	11.00	28.0		
10:49	10:49 0.085 6.73 160			11.47	66.848	6.48	1.01	10.00	20.2	
10:51	10:51 0.085 6.77 160 10:53 0.085 6.81 160			11.47 11.40	66,829	6.50 6.51	0.89	9.00	13.6 8.2	
10:56	0.127	6.88	160	11.40	66.731	6.52	0.91	9.00	3.0	
10:59	10:59 0.127 6.92 160			11.38	66.747	6.52	0.97	9.00	-0.2	
11:01	0.085	6.98	160	11.35	66.713	5.53	1.01	9.00	-3.0	
11:04	0.127	7.03	160	11.52	00.001	6.53	0.96	9.00	-5.7	
	ENT DOCU E OF PUMP WAILER SIMCO BL GEOPUMP	ADDER	UMP	TYPE OF TUBIN X SILICONE X HIGH DEN OTHER	<u>G</u> SITY POLYETHYLENE	TYP X	E OF WATE YSI 556 MF HORIBA U OTHER	<u>R QUALITY MET</u> PS W/ FLOW CE -50 W/ FLOW CE	ER TYPE OF V LL X GEO ELL SOLI	<u>WATER LEVEL DEVICE</u> TECH INTERFACE METER NST WATER METER ER
ANALYT	ICAL PAR	AMETERS								
To Be Collect To Be Collect StanDyrow BURGE C	X VOC X SVOI X TAL TAL TAL X VOC X SVOI X TAL TAL TAL X VOC X SVOI X VOC X TAL TAL TAL DBSERVA VOC	C NORGANICS NORGANICS C NORGANICS C NORGANICS NORGANICS NORGANICS NORGANICS NORGANICS		MET NUM 8260 CLP CLP CLP CLP CLP CLP CLP CLP CLP CLP	HOD BER B B B	T	PRESERV/ <u>METHOD</u> HCL / 4 DE 4 DEG. C HNO3 to pi HNO3 to pi COMMENT	ATION G. C H <2 H <2 G. C H <2 H <2	VOLUME <u>REQUIRED</u> 3 X40 mL 2 X1 LAG 1 X1 LP X1 LP 3 X40 mL 2 X1 LAG 1 X1 LP X1 LP X1 LP X1 LP 3 X40 mL 2 X1 LAG 1 X1 LP X1 LP X1 LP X1 LP X1 LP X1 LP X1 LP X1 LP X1 LP X1 LP	SAMPLE COLLECTED X VOC X SVOC X TAL INORGANICS TAL INORGANICS (FILTERED) X VOC X SVOC X TAL INORGANICS (FILTERED) X VOC X TAL INORGANICS (FILTERED) X VOC X TAL INORGANICS (FILTERED) X VOC X TAL INORGANICS (FILTERED) X VOC X TAL INORGANICS (FILTERED) X TAL INORGANICS (FILTERED)
PURGE W	ATER			NUMBER OF GA	ALLONS 0 719					
CONTAINE NOTES All equipm arrival on s	ERIZED ent used eith site. No rinse	YES X	NO	GENERATED	0.113					
SIGNITU	RE:				<u> </u>					

FIELD DATA RECORD - GROUNDWATER SAMPLING													
PROJECT		Buffalo Color C	orporation]	SAMPLE ID	BCC_	AREA.C_M	W-C04_1212	ON	rario Sp	PECIAL	TY CONTRACTING, INC.
WELL ID		MW-C	04]	SAMPLE EVENT		AREA.C_40	22012		SAM	IPLE D	ATE 12/3/2012
TIME	START	1:00 PM	END 1	:50 PM		JOB NUMBER		0913ON	1M		AMPLER		Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S			MEASUREMENT POIN	IT				NAPL REM	MOVAL	METHOD
STATIC D TO W	EPTH ATER	5.84	FT			X TOP OF WELL R TOP OF PROTEC OTHER	ISER CTIVE CAS	SING			PERISTALTIC PUMP ABSORBENT SOCK		
D	WELL EPTH	14.0	FT			MEASUREMENT POINT ELEVATION		587.78	FASL	DEP NON D	TH TO NAPL	-)	ND FT
DIAM	WELL 2.0 IN DIAMETER				WELL STICH CASING H	KUP TO PROTECTIVE EIGHT DIFFERENTIAL		2.25	IN		NAPL VOL)	GAL
SCREEN 10.0 F			FT	IN	WELL	PROTECTIVE CASING PROPERLY SECURED	YES	X NO				_	
TOTAL VOL. 0.396 PURGED		0.396	GAL			TIME OF SAMPLE COLLECTION		1:30 PI	м				
PURGE I	DATA					SPECIFIC							
VOL. DEPTH TO PUR TIME (gal) WATER (ft) RATE				E I/m)	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Y RI ((EDOX DRP)		COMMENTS
13:10		5.84	150		14.31	1.715	6.80	0.78	13.00		6.5	Clayis	sh color particles
13:12	0.079	5.84	150		14.30	1.805	6.77	1.06	12.00		7.7	-	
13:14	3:14 0.079 5.84 3:16 0.079 5.85		150		14.20	1.759	6.71	1.40	12.00	_	10.7	+	
13:18	13:18 0.079 5.85 15 13:18 0.079 5.85 15				14.24	1.731	6.68	1.13	13.00	-	11.6		
13:20	:20 0.079 5.86		150		14.24	1.731	6.68	1.01	15.00	-	12.5		
			1										
		JWENTATION		TYP		<u>G</u>	TYP	E OF WATE	R QUALITY N	ETER	TYPE OF	WATER	R LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X	SILICONE HIGH DEN	SITY POLYETHYLENE	X	YSI 556 MF HORIBA U-	PS W/ FLOW -50 W/ FLOW	CELL CELL	X GEC SOL	DTECH	INTERFACE METER VATER METER
Х	GEOPUMF	PERISTALTIC P	UMP		OTHER			OTHER			OTH	IER	
ANALYT	ICAL PAR	AMETERS											
To Be Collec	ed				METI NUM	HOD BER		PRESERVA METHOD	ATION	VOLUME REQUIRE	D	SAMF COLL	PLE <u>ECTED</u>
ARD	X VOC	<u> </u>			8260 CLP	В		HCL/4 DE	G. C	3 X 4) mL	X	VOC
IAND	X TAL	INORGANICS			CLP			HNO3 to ph	H <2	1 X1	LP	X	TAL INORGANICS
LE S1	TAL VOC	INORGANICS			CLP 8260	В		HNO3 to pH HCL / 4 DE	H <2 :G. C	X 1 X 4	LP) mL		TAL INORGANICS (FILTERED) VOC
LICA.	SVO				CLP			4 DEG. C	1.40	X 1	LAG		SVOC
dua	TAL	INORGANICS			CLP			HNO3 to ph HNO3 to ph	+ <2 + <2	X 1	LP LP		TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC	<u>_</u>			8260 CLP	В		HCL/4 DE	G. C	X 4) mL		VOC
WS	TAL	INORGANICS			CLP			HNO3 to ph	H <2	X 1	LP		TAL INORGANICS
	TAL VOC	INORGANICS			CLP 8260	В		HNO3 to pH HCL / 4 DE	H <2 :G. C	X 1 X 4	LP) mL		TAL INORGANICS (FILTERED) VOC
1SD	SVO	C			CLP			4 DEG. C		X 1	LAG		SVOC
_	TAL	INORGANICS			CLP			HNO3 to pH	1 <2 1 <2	X 1	LP		TAL INORGANICS
PURGE	OBSERVA	TIONS						COMMENT	s				
PURGE W	ATER	YESX	NO	NUN	MBER OF GA	LLONS 0.396		Clayish col	or particles				
NOTES		X				L							
All equipm arrival on s	ent used eith iite. No rinse	ner dedicated or d ate / field blank re	leconned prio	or to									
		-	/	5/	/								
		1/2	mud C	2.Wa	ym								
SIGNITU	RE:			1									

FIELD DATA RECORD - GROUNDWATER SAMPLING												
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	C_AREA.C_F	°S-04_1212	ONTARIO SPI	ECIALTY CONTRACTING, INC.		
WELL ID		PS-04	1		SAMPLE EVENT		AREA.C_40	22012	SAM	12/3/2012 PLE DATE		
TIME	START	9:15 AM	10:15 END	AM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)		
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT			NAPL REM	OVAL METHOD		
STATIC D TO W	EPTH ATER	5.72	FT		X TOP OF WELL R TOP OF PROTEC OTHER	CTIVE CAS	ING		BAILI PERI ABSC	ER STALTIC PUMP DRBENT SOCK		
	WELL	7.0	FT		MEASUREMENT POINT ELEVATION		587.615	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT		
DIAM	WELL ETER	1.0	IN	WELL STIC CASING H	VELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL Even IN				NAPL VOL. REMOVED	GAL		
SCREEN 4.5 FT			WELL									
TOTAL PU	VOL.	0.396	GAL		TIME OF SAMPLE COLLECTION			9:30 AM				
DURCE					SPECIEIC							
VOL. DEPTH TO PURGE TIME (gal) WATER (ft) RATE (ml/m)				TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS		
9:25		6.33	150	12.16	0.657	6.94	6.88	46.00	118.0			
9:27	0.079	6.34	150	12.14	0.663	6.87	6.60	32.00	122.6			
9:29 9:31	0.079	6.34 6.34	150	12.12	0.667	6.81 6.76	6.13 5.46	24.00	125.5			
9:33	0.079	6.34	150	12.13	0.666	6.71	5.08	15.00	128.8			
9:35	0.079	6.34	150	12.17	0.669	6.66	4.17	12.00	129.9			
		JMENTATION			G	TYP	E OF WATE	R QUALITY MET				
	SIMCO BL	ADDER		X HIGH DEN	SITY POLYETHYLENE	^	HORIBA U	-50 W/ FLOW CE		NST WATER METER		
Х	GEOPUMF	PERISTALTIC P	UMP	OTHER			OTHER		OTHE	ĒR		
ANALYT	ICAL PAR	AMETERS		MET	HOD		DDESED		VOLUME	SAMDI E		
				NUM	BER		METHOD		REQUIRED	<u>COLLECTED</u>		
DARD	X SVO	С		8260 CLP	В		4 DEG. C	.G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC		
STAN	X TAL			CLP CLP			HNO3 to pl	H <2 H <2	1 X1LP X1LP	X TAL INORGANICS		
ATE 8	VOC			8260	В		HCL / 4 DE	G. C	X 40 mL	VOC		
PLIC	SVO TAL	C INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS		
na	TAL	INORGANICS		CLP	P		HNO3 to pl	H <2	X 1 LP	TAL INORGANICS (FILTERED)		
ŝ	svo	C		CLP	в		4 DEG. C	:G. C	X 40 ML X 1 LAG	SVOC		
2	TAL TAI			CLP			HNO3 to pl HNO3 to pl	+ <2 + <2	X 1 LP X 1 LP	TAL INORGANICS		
	VOC			8260	В		HCL / 4 DE	:G. C	X 40 mL	VOC		
MSD	TAL	C INORGANICS		CLP			4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP	TAL INORGANICS		
	TAL	INORGANICS		CLP			HNO3 to pl	H <2	X 1 LP	TAL INORGANICS (FILTERED)		
PURGE	OBSERVA	TIONS					COMMENT	S				
PURGE W CONTAIN	ATER ERIZED	YES X	NO	NUMBER OF GA	ALLONS 0.396							
NOTES		- <u>-</u>	• •••••••••••••••••••••••••••••••••••••		k	<u> </u>						
All equipm arrival on	ent used eith site. No rinse	ner dedicated or d eate / field blank re	econned prior to equired									
		1	hours	hh-								
		//		Jun								
SIGNITU	RE:											

FIELD DATA RECORD - GROUNDWATER SAMPLING													
PROJECT		Buffalo Color C	Corporation]	SAMPLE ID	BCC	AREA.C_P	S-05A_1212		ONTARIO SPECIALTY CONTRACTING, INC.		
WELL ID		PS-05	iΑ]	SAMPLE EVENT		AREA.C_40	22012		SAM	PLE D	12/4/2012
тіме	START	8:00 AM	9 END	:15 AM		JOB NUMBER		0913ON	1M		SAMPLER		Tom Wagner (TW)
WATER	LEVEL / F	UMP SETTING	S			MEASUREMENT POIN	IT				NAPL REM	IOVAL	METHOD
STATIC D TO W	DEPTH ATER	5.56	FT			X TOP OF WELL R TOP OF PROTEC OTHER	SER CTIVE CAS	SING			BAIL PERI ABS0	ER ISTAL ⁻ ORBEI	TIC PUMP NT SOCK
	WELL	8.0	FT			MEASUREMENT POINT ELEVATION		588.7	FASL	E NO	DEPTH TO NAPL		ND FT
WELL 2.0 IN DIAMETER			,	WELL STICH CASING HI	KUP TO PROTECTIVE EIGHT DIFFERENTIAL		1.75	IN		NAPL VOL. REMOVED		GAL	
SC LE	SCREEN 5.0		FT	IN	WELL PROTECTIVE CASING			X NO					
TOTAL VOL. PURGED		0.515	GAL			TIME OF SAMPLE COLLECTION		8:15 Al	M				
PURGE	ΠΑΤΑ					SPECIFIC							
VOL. DEPTH TO PL TIME (gal) WATER (ft) RATI				⊑ /m)	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	Y	REDOX (ORP)		COMMENTS
8:15		5.30	150		11.91	2.218	6.72	1.30	86.00		-50.8	Clayis	sh color particles, cloudy
8:17	0.079	5.31	150		11.90	2.213	6.69	0.77	72.00		-53.4		
8:19	8:19 0.079 5.32		150		11.86	2.210	6.68	0.68	71.00	_	-55.4		
8:22	0.119	5.33	150		11.80	2.206	6.67	0.86	67.00 58.00	-	-57.2		
8:28	8:25 0.119		150		11.74	2.195	6.66	0.90	53.00		-59.8		
	0 0.119 0.00 100												
EQUIPM TYP	ENT DOC	UMENTATION		TYP	E OF TUBIN	G	TYP	E OF WATE	R QUALITY N	ETER	TYPE OF \	NATE	R LEVEL DEVICE
	WAILER			X	SILICONE		Х	YSI 556 MF	PS W/ FLOW	CELL	X GEO	TECH	INTERFACE METER
Х	GEOPUMF	ADDER PERISTALTIC P	PUMP	X	HIGH DEN OTHER	SITY POLYETHYLENE		OTHER	-50 W/ FLOW	CELL	OTH	ER	VATER METER
		AMETERS											
To Be Collec	ted				METI	HOD		PRESERV	ATION	VOLU	ME	SAM	PLE
ßD	X VOC				8260	B		HCL / 4 DE	G. C	3	X 40 mL	X	VOC
NDA	X SVO	C INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	1<2	2 1	X 1 LAG X 1 LP	X	SVOC TAL INORGANICS
ST/	X TAL	INORGANICS			CLP	_		HNO3 to pl	1 <2	1	X 1 LP	X	TAL INORGANICS (FILTERED)
CATE	VOC SVO	с			8260 CLP	В		HCL / 4 DE 4 DEG. C	.G. C		X 40 mL X 1 LAG		VOC SVOC
UPLI	TAL				CLP			HNO3 to pl	+ <2		X 1 LP		
	VOC	INURGANICS			8260	В		HNUS to pr HCL / 4 DE			X 40 mL		VOC
MS	SVO TAL	C INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	1<2		X 1 LAG X 1 LP		SVOC TAL INORGANICS
	TAL	INORGANICS			CLP			HNO3 to pl	H <2		X 1 LP		TAL INORGANICS (FILTERED)
	VOC SVO	с			8260 CLP	В		HCL / 4 DE 4 DEG. C	.G. C		X 40 mL X 1 LAG		VOC SVOC
ž	TAL				CLP			HNO3 to pl	+ <2 + <2		X1LP X1LP		
					OLI				-e		XTE		TAE INORGANICO (TIETERED)
PURGEW				NUM		LLONS 0.515		Cloudy, sm	all flakes				
CONTAIN	ERIZED	YES X	NO	GEN	IERATED								
NOTES All equipm arrival on s	ent used eit site. No rinse	her dedicated or c eate / field blank re	leconned pric	or to									
		11	hund	she	-								
SIGNIT	IDE:	./		1									
SIGNIT	IKE:												
FIELD DATA RECORD - GROUNDWATER SAMPLING												050	
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PROJECT		Buffalo Color C	orporation		S	AMPLE ID	BCC	_AREA.C_F	°S-06_1212] 。	ntario Spi	ECIALTY CONTRACTING, INC.	
WELL ID		PS-06	6		S	AMPLE EVENT		AREA.C_40	22012		SAM	PLE DATE 12/4/2012	
TIME	START	10:00 AM	11:0 END	0 AM		JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)	
WATER	LEVEL / P	UMP SETTING	iS		М	EASUREMENT POIN	т				NAPL REM	IOVAL METHOD	
STATIC D TO W	EPTH ATER	5.93	FT		E	X TOP OF WELL R TOP OF PROTEC OTHER	ISER CTIVE CAS	ING			BAIL PERI ABS0	ER ISTALTIC PUMP ORBENT SOCK	
n D	NELL EPTH	8.0	FT			MEASUREMENT POINT ELEVATION		587.434	FASL	DE NON	EPTH TO NAPL DETECT (ND)	ND FT	
DIAM	WELL ETER	1.0	IN	WELI CAS	STICKU	P TO PROTECTIVE GHT DIFFERENTIAL		3.5	IN		NAPL VOL. REMOVED	GAL	
SCI	REEN NGTH	5.0	FT	INTACT	VELL PR	OTECTIVE CASING OPERLY SECURED	YES	X NO					
TOTAL PUF	VOL. RGED	0.423	GAL			TIME OF SAMPLE COLLECTION		10:15 A	М				
PURGE I	ΔΤΑ					SPECIFIC							
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/n	TEM (deg.	P. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	·	REDOX (ORP)	COMMENTS	
10:15		6.25	160	12.9	7	2.654	6.23	1.15	49.00		-13.0		
10:17	0.085	6.26	160	12.9	4	2.661	6.21	1.28	46.00		-14.6		
10:19	0.085	6.26	160	12.9	2	2.665	6.19	1.18	37.00	_	-16.3		
10:22	0.127	6.30	160	12.9	3	2.669	6.18	1.07	29.00		-17.4		
									-				
										_			
										_			
				-						+			
									-				
EQUIPM	ENT DOCU	JMENTATION		TYPE OF	TUBING		TYP		R QUALITY M	ETER	TYPE OF V	NATER LEVEL DEVICE	
	WAILER SIMCO BL	ADDER		X SILI X HIG	CONE H DENSII	TY POLYETHYLENE	X	HORIBA U-	-50 W/ FLOW	CELL	X GEO SOLI	NST WATER METER	
Х	GEOPUMF	PERISTALTIC P	UMP	OTH	IER			OTHER			OTH	ER	
ANALYT To Be Collect	ICAL PAR	AMETERS			METHO	D		PRESERVA	ATION	VOLUN	IE	SAMPLE	
	X VOC				NUMBE	R		METHOD		REQUI	RED 40 ml		
DARI	X SVO	С			CLP			4 DEG. C	.6. 0	2 X	1 LAG	X SVOC	
STAN	X TAL	INORGANICS			CLP CLP			HNO3 to pH HNO3 to pH	+ <2 + <2	1 X X	1 LP 1 LP	X TAL INORGANICS TAL INORGANICS (FILTERED)	
ATE	VOC	2			8260B			HCL / 4 DE	G. C	Х	40 mL	VOC	
PLIC	TAL	INORGANICS			CLP			4 DEG. C HNO3 to pl	H <2	X	1 LAG 1 LP	TAL INORGANICS	
D	TAL	INORGANICS			CLP 8260B			HNO3 to pH	H <2	X	1 LP 40 ml	TAL INORGANICS (FILTERED)	
NS IS	svo	C			CLP			4 DEG. C	.0. 0	X	1 LAG	SVOC	
2	TAL TAL	INORGANICS			CLP CLP			HNO3 to pH HNO3 to pH	+ <2 + <2	X	1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)	
	VOC	0			8260B			HCL / 4 DE	G. C	X	40 mL	VOC	
MSI	TAL	INORGANICS			CLP			HNO3 to pH	1 <2	X	1 LP	TAL INORGANICS	
	TAL	INORGANICS			CLP			HNO3 to ph	1 <2	Х	1 LP	TAL INORGANICS (FILTERED)	
PURGE	DBSERVA	TIONS					COMMENT	S					
PURGE W CONTAINE	ATER ERIZED	YES X	NO	NUMBER GENERA	OF GALL ED	.ONS 0.423							
NOTES All equipm	ent used eitl	ner dedicated or d	econned prior	to	_								
arrival on s	ite. No rinse	eate / field blank re	equired										
		1/2	have Of	haze	~								
SIGNITU	RE:			-									

FIELD DATA RECORD - GROUNDWATER SAMPLING												50	
PROJECT		Buffalo Color C	orporation		S	SAMPLE ID	BCC	_AREA.C_R	FI-20_1212		tario Sp	ECIAL	ty Contracting, Inc.
WELL ID		RFI-2	0		5	SAMPLE EVENT		AREA.C_40	22012		SAM	IPLE DA	12/3/2012
ТІМЕ	START	2:00 PM	END 3:0	00 PM		JOB NUMBER		0913ON	1M		SAMPLER		Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	iS		Ν	IEASUREMENT POIN	т				NAPL REM	NOVAL	METHOD
STATIC D TO W	EPTH ATER	5.98	FT		F	X TOP OF WELL R TOP OF PROTEC OTHER	ISER CTIVE CAS	ING			BAIL PER ABS	ER ISTALT ORBEN	IC PUMP IT SOCK
D	WELL	12.3	FT		-	MEASUREMENT POINT ELEVATION		587.502	FASL	DEP NON D	TH TO NAPL ETECT (ND)	-)	ND FT
DIAM	WELL ETER	2.0	IN	WEL	L STICKU BING HEI	JP TO PROTECTIVE GHT DIFFERENTIAL		3.5	IN		NAPL VOL. REMOVED)	GAL
SC LE	REEN NGTH	6.0	FT	INTAC	WELL PI	ROTECTIVE CASING ROPERLY SECURED	YES	X NO					
TOTAL PUI	TOTAL VOL. 0.333 GAL TIME OF SAMP PURGED COLLECTION								м				
PURGE I						SPECIFIC							
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/	TEM n) (deg.	P. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	, R	EDOX ORP)		COMMENTS
14:12		7.16	140	13.7	'8	2.381	6.76	1.81	1.00		71.2		
14:14	0.074	7.26	140	13.7	74 10	2.383	6.75	1.49	2.00	_	68.1		
14:16 14:10	0.074	7.36	140	13.8	12	2.381	6.74	1.29	2.00	_	61 7		
14:21	0.074	7.62	140	13.9	90	2.381	6.74	1.13	1.00		59.9		
												1	
												-	
										_			
												-	
				_						_		<u> </u>	
FOLIIPM													
TYP	E OF PUMP			TYPE OF	TUBING		TYP		R QUALITY M	ETER	TYPE OF	WATER	
	WAILER SIMCO BL	ADDER		X SIL	ICONE	ITY POLYETHYLENE	X	HORIBA U-	-50 W/ FLOW (CELL	X GEO SOL	INST W	ATER METER
Х	GEOPUMF	PERISTALTIC P	UMP	OTI	HER			OTHER			OTH	IER	
ANALYT	ICAL PAR	AMETERS			METH	DD		PRESERVA	ATION	VOLUME		SAMP	LE
					NUMB	ER		METHOD		REQUIRI	<u>ED</u>	COLLI	ECTED
DARC	X VOC	C			8260B CLP			4 DEG. C	.G. C	3 X 4 2 X 1	D mL LAG	X	VOC SVOC
STAN	X TAL	INORGANICS			CLP CLP			HNO3 to pH	+ <2 + <2	1 X1 X1	LP LP	X	TAL INORGANICS
ATE (VOC	-			8260B			HCL / 4 DE	:G. C	X 4	D mL		VOC
PLIC	SVO	C INORGANICS			CLP CLP			4 DEG. C HNO3 to pl	H <2	X 1 X 1	LAG LP		SVOC TAL INORGANICS
חר	TAL	INORGANICS			CLP 8260B			HNO3 to pH	H <2	X 1	LP		TAL INORGANICS (FILTERED)
NS IS	svo	C			CLP			4 DEG. C	.0. 0	X 1	LAG		SVOC
~	TAL TAL	INORGANICS			CLP CLP			HNO3 to pH HNO3 to pH	+ <2 + <2	X 1 X 1	LP LP	H	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC	0			8260B			HCL / 4 DE	G. C	X 4	0 mL		VOC
MSE	TAL	INORGANICS			CLP			HNO3 to pH	1 <2	X 1	LAG		TAL INORGANICS
	TAL	INORGANICS			CLP			HNO3 to ph	1 <2	X 1	LP		TAL INORGANICS (FILTERED)
PURGE	OBSERVA	TIONS						COMMENT	S				
PURGE W	ATER ERIZED	YES X	NO	NUMBER GENERA	OF GAL	LONS 0.333							
NOTES													
All equipm arrival on s	ent used eith site. No rinse	eate / field blank re	econnea prio equired	10									
		1	hand	Shh									
		1/1	and O.	Jula	-								
SIGNITU	RE:												

FIELD DATA RECORD - GROUNDWATER SAMPLING											
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.C_R	FI-31_1212	Ontario Sp	ecialty Contracting, Inc.	
WELL ID		RFI-3	1		SAMPLE EVENT		AREA.C_40	Q2012	SAM	PLE DATE 12/4/2012	
TIME	START	11:00 AM	END 12:	00 PM	JOB NUMBER		0913ON	١M	SAMPLER	Tom Wagner (TW)	
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POI	NT			NAPL REM	IOVAL METHOD	
STATIC D TO W	EPTH ATER	7.00	FT		X TOP OF WELL TOP OF PROTE OTHER	RISER	BING		BAIL PER ABS	ER ISTALTIC PUMP ORBENT SOCK	
n D	WELL EPTH	14.0	FT		MEASUREMENT POINT ELEVATION	1	587.721	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT	
DIAM	WELL ETER	2.0	IN	WELL S CASIN	STICKUP TO PROTECTIVE	. [2.5	IN	NAPL VOL. REMOVED	GAL	
SCI	REEN NGTH	5.0	FT	W INTACT A	ELL PROTECTIVE CASING	s) YES	XNO				
TOTAL PUF	VOL. RGED	0.296	GAL		TIME OF SAMPLE COLLECTION		11:30 A	М			
PURGE I	ΔΑΤΑ				SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/r	TEMP. (deg. C	CONDUCTANCE) (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS	
11:15		8.60	140	13.88	14.590	6.60	1.75	5.00	4.3		
11:17	0.074	8.85	140	13.90	14.600	6.61	1.60	7.00	-7.2		
11:19	0.074	9.00	140	13.91	14.584	6.61	1.10	6.00	-11.2		
11:23	0.074	9.35	140	13.94	14.345	6.64	0.94	8.00	-19.8		
				_							
				_		<u> </u>					
FOLIIPM											
TYPE	OF PUMP			TYPE OF T	JBING	TYP	E OF WATE	R QUALITY ME	TER TYPE OF	WATER LEVEL DEVICE	
	WAILER SIMCO BL	ADDER		X SILIC	ONE DENSITY POLYETHYLENE	X	HORIBA U	-50 W/ FLOW (CELL X GEC	INST WATER METER	
х	GEOPUMF	PERISTALTIC P	UMP	OTHE	R		OTHER		OTH	ER	
ANALYT		AMETERS			METHOD		PRESERVA	ATION	VOLUME	SAMPLE	
					NUMBER		METHOD		REQUIRED	COLLECTED	
DARC	X VOC	С			3260B CLP		4 DEG. C	:G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC	
STAN	X TAL						HNO3 to pl	H <2 H <2	1 X1LP X1LP	X TAL INORGANICS	
ATE 9	VOC				8260B		HCL / 4 DE	G. C	X 40 mL	VOC	
PLIC	SVO TAL	C INORGANICS			CLP CLP		4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS	
na	TAL	INORGANICS			CLP		HNO3 to pl	H <2	X 1 LP	TAL INORGANICS (FILTERED)	
ŝ	svo	с			CLP		4 DEG. C	:G. C	X 40 ML X 1 LAG	svoc	
2	TAL						HNO3 to pl	H <2 H <2	X1LP		
	VOC	INORGANICO			8260B		HCL / 4 DE	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	TAL INORGANICS	
	TAL	INORGANICS			CLP		HNO3 to pl	H <2	X 1 LP	TAL INORGANICS (FILTERED)	
PURGE (OBSERVA	TIONS					COMMENT	rs			
PURGE W CONTAINE	ATER ERIZED	YES X	NO	NUMBER O GENERATE	F GALLONS 0.296]					
NOTES											
All equipm arrival on s	ent used eith iite. No rinse	her dedicated or d eate / field blank re	econned prior equired	to							
		11	hours	Shk-							
		//		Jun							
SIGNITU	RE:										

FIELD	IELD DATA RECORD - GROUNDWATER SAMPLING												
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_	AREA.C_M	W-C01_0313	ONTARIO SPE	ECIALTY CONTRACTING, INC.			
WELL ID		MW-C)1		SAMPLE EVENT		AREA.C_10	Q2013	SAM	3/27/2013			
TIME	START	2:10 PM	3:00 I	PM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)			
WATER STATIC D	LEVEL / P	UMP SETTING	S FT		MEASUREMENT POIN X TOP OF WELL R TOP OF PROTECT	IT RISER CTIVE CAS	ING		NAPL REM BAILI PERI	IOVAL METHOD ER STALTIC PUMP			
TO W	ATER WELL	15.0	ET		OTHER MEASUREMENT		594 099	EASI	ABSC DEPTH TO NAPL				
	EPTH WELL	15.0	FI	WELL STIC	POINT ELEVATION		504.900	FASL	NON DETECT (ND) NAPL VOL.				
DIAM	ETER REEN	2.0	IN	CASING H	EIGHT DIFFERENTIAL		Ground leve	ei in	REMOVED	GAL			
LE	NGTH	10.0	FT	INTACT AND	PROPERLY SECURED	YES	X NO						
TOTAL PUI	. VOL. RGED	0.555	GAL		TIME OF SAMPLE COLLECTION		2:30 PI	М					
PURGE	VOL.	DEPTH TO	PURGE	TEMP.	SPECIFIC CONDUCTANCE	рН	DISS O2.	TURBIDITY	REDOX				
TIME 14:14	(gal)	6.91	RATE (ml/m) 150	(deg. C) 6.11	(ms/cm) 73.441	(units) 6.97	(mg/L) 1.06	(ntu) 15.35	(ORP) -53.1	COMMENTS			
14:16	0.079	6.96	150	6.06	72.812	6.98	1.00	18.45	-54.3				
14:18 14:20	0.079	7.02	150	5.86	72.116	7.00	0.95	34.40 38.14	54.7				
14:22	0.079	7.20	150	5.58	70.189	7.02	0.84	17.68	-53.2				
14:24	0.079	7.24	150	5.53	71.057	7.03	0.80	15.12	-53.1				
14:28	0.159	7.31	150	5.77	73.706	7.00	0.83	15.63	-54.9				
			IMD	TYPE OF TUBIN X SILICONE X HIGH DEN	<u>G</u> SITY POLYETHYLENE	TYP X	E OF WATE YSI 556 MF HORIBA U	<u>R QUALITY MET</u> PS W/ FLOW CE -50 W/ FLOW C	ELL TYPE OF V	VATER LEVEL DEVICE TECH INTERFACE METER NST WATER METER			
			UMP	OTHER			UTHER			-R			
MNALY I To Be Collec MSD MSD DUPLICATE STANDARD	Image: Additional system Image: Additional system Image: Addititititititititititititititititititi	C INORGANICS INORGANICS C INORGANICS INORGANICS INORGANICS C INORGANICS C INORGANICS INORGANICS		MET NUM 8260 CLP CLP 8260 CLP CLP CLP CLP CLP CLP CLP CLP CLP CLP	HOD <u>BER</u> B B B		PRESERV/ <u>METHOD</u> HCL / 4 DE 4 DEG. C HN03 to pi HCL / 4 DE 4 DEG. C HN03 to pi HN03 to pi	ATION G. C H <2 H <2 G. C H <2 G. C H <2 G. C H <2 G. C H <2 H <2	VOLUME <u>REQUIRED</u> 3 X40 mL 2 X1 LAG 1 X1 LP X40 mL X1 LAG X1 LP X40 mL X1 LP X40 mL X1 LP X40 mL X1 LP X1 LP X40 mL X1 LP 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 (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED)			
PURGE	OBSERVA	TIONS					COMMENT	ſS					
PURGE W	ATER ERIZED	YES X	NO	NUMBER OF GA	ALLONS 0.555								
NOTES All equipm arrival on s	ent used eitl ite. No rinse	ner dedicated or d eate / field blank re	econned prior to equired										
		1/2	nuna OS	Nagu									
SIGNITU	RE:												

FIELD DATA RECORD - GROUNDWATER SAMPLING												
PROJECT		Buffalo Color C	orporation		SAMPLE	ID	BCC_	AREA.C_M	W-C04_0313		o Spec	CIALTY CONTRACTING, INC.
WELL ID		MW-CO)4		SAMPLE	EVENT		AREA.C_10	22013		SAMPL	LE DATE 3/27/2013
TIME	START	11:50 AM	END 1:0	00 PM	JOB NU	MBER		0913ON	IM	SAMF	PLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		MEASURI X TOF	EMENT POIN POF WELL R	IT RISER CTIVE CAS	ING		NA	PL REMO BAILER	IVAL METHOD R TAI TIC PLIMP
TO W	ATER	5.80	FT								ABSOF	RBENT SOCK
0	DEPTH	14.0	FT		POINT	ELEVATION		587.78	FASL	NON DETEC	O NAPL CT (ND)	ND FT
DIAM	WELL IETER	2.0	IN	WELL CAS	STICKUP TO PF	ROTECTIVE		1.75	IN	NAF REI	PL VOL. MOVED	GAL
SC LE	REEN NGTH	10.0	FT	INTACT	VELL PROTECT	IVE CASING Y SECURED	YES	X NO				
TOTAL PU	L VOL. RGED	0.338	GAL		TIME	OF SAMPLE OLLECTION		12:30 P	M			
PURGE			PUPOF	ТЕМ	SPE		-11	DI00.00			/ I	
TIME	(gal)	WATER (ft)	RATE (ml/r	n) (deg.	C) (m	p∺ (units)	(mg/L)	(ntu)	(ORP)	`	COMMENTS	
12:07	0.085	5.93	160 160	8.33	1	.675	6.75	1.14	39.27	-28.0		
12:09	0.085	5.94	160	8.3	1	.683	6.75	0.94	42.23	-26.6	-+	
12:13	0.085	5.95	160	8.12	1	.687	6.74	0.90	38.70	-25.2		
12:15	0.085	5.96	160	8.10	1	.688	6.74	0.90	32.90	-24.5		
EQUIPM TYP	ENT DOCU	JMENTATION		TYPE OF X SILI	<u>TUBING</u> CONE		TYPI X	E OF WATE YSI 556 MF	<u>R QUALITY M</u> PS W/ FLOW	ETER TY CELL	PE OF W	ATER LEVEL DEVICE ECH INTERFACE METER
X	SIMCO BL	ADDER PERISTALTIC P	UMP	X HIG OTH	H DENSITY POLY ER	/ETHYLENE		HORIBA U- OTHER	-50 W/ FLOW	CELL	SOLIN	ST WATER METER
ANALYT	ICAL PAR	AMETERS										
To Be Collec					METHOD NUMBER 8260B			PRESERVA	ATION	VOLUME REQUIRED 3 X 40 ml	s	SAMPLE COLLECTED X VOC
NDAR	X SVO				CLP			4 DEG. C	12	2 X1LAG	F	
STA	TAL	INORGANICS			CLP			HNO3 to pr HNO3 to pr	⊣ <2 H <2	X1LP X1LP	E	TAL INORGANICS TAL INORGANICS (FILTERED)
ICATE	VOC SVO	C			8260B CLP			HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG	_	VOC SVOC
DUPL	TAL TAL	INORGANICS			CLP CLP			HNO3 to pl HNO3 to pl	H <2 H <2	X1LP X1LP	-	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC	0			8260B			HCL / 4 DE	G. C	X 40 mL	F	VOC
MS	TAL	INORGANICS			CLP			HNO3 to pl	H <2	X 1 LAG	E	TAL INORGANICS
	TAL VOC	INORGANICS			CLP 8260B			HNO3 to pH HCL / 4 DE	H <2 :G. C	X 1 LP X 40 mL	F	TAL INORGANICS (FILTERED) VOC
MSD	SVO				CLP CLP		4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP	F	SVOC TAL INORGANICS	
	TAL	INORGANICS			CLP		HNO3 to pl	H <2	X 1 LP		TAL INORGANICS (FILTERED)	
PURGE	OBSERVA	TIONS					COMMENT	rs				
PURGE W CONTAIN	ATER ERIZED	YES X	NO	NUMBER GENERAT	of Gallons Ed	0.338		Clayish col	or particulates			
NOTES All equipm	ent used eith	ner dedicated or d	econned prior	to								
anivalions	SILE. INO FIFISE			She								
		1/1	and O.	Julan								
SIGNITU	JRE:											

FIELD	ELD DATA RECORD - GROUNDWATER SAMPLING												
PROJECT		Buffalo Color C	Corporation			SAMPLE ID	BCC	C_AREA.C_F	PS-04_0313		Ontario Spe	CIALTY CONTRACTING, INC.	
WELL ID		PS-0	4			SAMPLE EVENT		AREA.C_10	22013		SAMF	3/27/2013	
TIME	START	9:30 AM	END 10	30 AM		JOB NUMBER		0913ON	1M		SAMPLER	Tom Wagner (TW)	
WATER	LEVEL / P	UMP SETTING	S			MEASUREMENT POIN	IT				NAPL REM	OVAL METHOD	
STATIC D TO W	EPTH ATER		FT			X TOP OF WELL R TOP OF PROTEC OTHER	ISER CTIVE CAS	SING			BAILE PERIS X ABSC	r Staltic Pump Rbent Sock	
D	WELL EPTH	7.0	FT			MEASUREMENT POINT ELEVATION		587.615	FASL	N	DEPTH TO NAPL NON DETECT (ND)	FT	
DIAM	WELL ETER	1.0	IN	WI C	ELL STICH CASING HE	KUP TO PROTECTIVE EIGHT DIFFERENTIAL		Even	IN		NAPL VOL. REMOVED	GAL	
SC	REEN NGTH	4.5	FT	INTA	WELL F	PROTECTIVE CASING PROPERLY SECURED	YES	XNO					
TOTAL PUF	VOL. RGED	0.423	GAL			TIME OF SAMPLE COLLECTION		10:00 A	М				
PURGE I	VOL.	DEPTH TO	PURGE	TE	EMP.	SPECIFIC CONDUCTANCE	pН	DISS O2.	TURBIDIT		REDOX		
TIME	(gal)	WATER (ft)	RATE (ml/	m) (de	eg. C)	(ms/cm)	(units)	(mg/L)	(ntu)	_	(ORP)	COMMENTS	
9:40 9:42	0.085		160 160	6	5.57 5.51	0.780	6.87 6.87	3.10 2.64	15.05 8 aa	+	102.5		
9:44	0.085		160	6	6.56	0.780	6.83	2.04	7.54	+	105.0		
9:47	0.127		160	6	6.71	0.778	6.78	2.16	7.41		106.7		
9:50	0.127		160	6	6.65	0.780	6.81	2.08	5.78		104.7		
										_			
										_			
										_			
	ENT DOCU OF PUMP WAILER SIMCO BL GEOPUMP	ADDER PERISTALTIC F	PUMP	TYPE C X S X H	<u>of tubin</u> Bilicone High den: Dther	<u>G</u> SITY POLYETHYLENE	TYP X	E OF WATE YSI 556 MF HORIBA U- OTHER	<u>R QUALITY M</u> PS W/ FLOW -50 W/ FLOW	<u>eter</u> Cell Cell	TYPE OF W X GEOT SOLIN	ATER LEVEL DEVICE ECH INTERFACE METER IST WATER METER R	
ΔΝΔΙ ΥΤ		AMETERS						_					
To Be Collect CARACINETE STANDARD SM OSM	X VOC X SVOU X TAL I VOC SVOU TAL I VOC SVOU TAL I VOC SVOU TAL I VOC SVOU TAL I VOC	C NORGANICS NORGANICS NORGANICS NORGANICS NORGANICS NORGANICS NORGANICS NORGANICS NORGANICS			METH NUMI 82601 CLP CLP CLP CLP CLP 82601 CLP CLP CLP CLP 82601 CLP CLP CLP CLP CLP CLP	HOD B <u>ER</u> B B		PRESERV/ METHOD HCL / 4 DE 4 DEG. C HNO3 to pi HCL / 4 DE 4 DEG. C HNO3 to pi HCL / 4 DE 4 DEG. C HNO3 to pi HNO3 to pi HNO3 to pi HNO3 to pi HNO3 to pi HNO3 to pi HNO3 to pi	ATION G. C H <2 H <2 G. C H <2 G. C H <2 G. C H <2 G. C H <2 G. C H <2 H <2	VOL <u>REC</u> 3 2 1	LUME <u>QUIRED</u> X 40 mL X 1 LAG X 1 LP X 40 mL X 1 LP X 1 LP X 40 mL X 1 LP X 1 LP	SAMPLE <u>COLLECTED</u> X VOC X SVOC X TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED)	
PURGE	OBSERVA	TIONS				COMMENT	S						
PURGE W CONTAINE	ATER ERIZED	YES X	NO	NUMBE GENEF	ER OF GA RATED	LLONS 0.423		Could not f	it transducer o	own wel	Il to measure water o	depth	
NOTES All equipm arrival on s	ent used eith ite. No rinse RE:	her dedicated or o	deconned prio equired	s ha	m								

FIELD	DATA	RECORD -	GROUN			050					
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.C_P	S-05A_0313	ONTARIO SPI	ECIALTY CONTRACTING, INC.	
WELL ID		PS-05	A		SAMPLE EVENT		AREA.C_10	Q2013	SAM	3/26/2013	
ТІМЕ	START	3:40 PM	4:30 END	PM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)	
WATER	LEVEL / P	UMP SETTING	iS		MEASUREMENT POIN	IT			NAPL REM	IOVAL METHOD	
STATIC D TO W	EPTH ATER	5.58	FT		TOP OF WELL F TOP OF PROTEC	RISER CTIVE CAS	ING		PERI ABS0	ER STALTIC PUMP DRBENT SOCK	
D	WELL	8.0	FT		MEASUREMENT POINT ELEVATION		588.7	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT	
DIAM	WELL ETER	2.0	IN	WELL STIC CASING F	KUP TO PROTECTIVE IEIGHT DIFFERENTIAL		1.75	IN	NAPL VOL. REMOVED	GAL	
SC LE	REEN NGTH	5.0	FT	WELL INTACT AND	PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL PUI	. VOL. RGED	0.592	GAL		TIME OF SAMPLE COLLECTION	LE 4:00 PM					
	ΔΤΔ				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	
15:50		5.95	160	6.21	2.219	6.90	1.79	134.00	-92.6		
15:52	0.085	5.97	160	6.25	2.218	6.90	1.72	118.90	-93.2		
15:54	0.085	6.00	160	5.95 6.25	2.219	6.90	1.63	99.63 77.22	-93.0		
15:58	0.085	6.01	160	6.13	2.195	6.90	1.38	66.89	-93.2		
16:00	0.085	6.02	160	5.96	2.183	6.90	1.21	50.20	-93.7		
16:02	0.085	6.03	160	6.00	2.167	6.89	1.16	46.51	-94.5		
16:04	0.085	6.03	160	5.94	2.163	6.92	1.15	36.80	-94.9		
				-							
FOLIPM											
TYP	E OF PUMP			TYPE OF TUBIN	IG	TYP		R QUALITY ME	TER TYPE OF V	VATER LEVEL DEVICE	
	WAILER SIMCO BL	ADDER		X SILICONE X HIGH DEN	ISITY POLYETHYLENE	X	HORIBA U	-50 W/ FLOW C	ELL X GEO	NST WATER METER	
Х	GEOPUMP	PERISTALTIC P	UMP	OTHER			OTHER		OTH	ER	
		AMETERS			100		DDECEDW		VOLUME	SAMPLE	
TO BE COLLEC				NUN	IBER		METHOD	ATION	REQUIRED	<u>COLLECTED</u>	
DARD	X VOC X SVO	С		8260 CLP)B		HCL / 4 DE 4 DEG. C	G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC	
STANI	X TAL			CLP			HNO3 to pl	H <2	1 X1LP		
ATE 9	VOC			8260	B		HCL / 4 DE	G. C	X 40 mL	VOC	
PLIC	SVO TAL	C INORGANICS		CLP CLP			4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP	SVOC TAL INORGANICS	
na	TAL	INORGANICS		CLP 8260	IR		HNO3 to pl	H <2	X 1 LP	TAL INORGANICS (FILTERED)	
ş	svo	С		CLP			4 DEG. C		X 1 LAG	svoc	
2	TAL TAL	INORGANICS		CLP CLP			HNO3 to pl HNO3 to pl	H <2 H <2	X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)	
0	VOC SVO	C.		8260 CLP	B		HCL / 4 DE	G. C	X 40 mL	VOC SVOC	
MS	TAL	INORGANICS		CLP			HNO3 to pl	H <2	X 1 LP	TAL INORGANICS	
	IAL	INORGANICS		CLP		-	HNO3 to pr	1 <2	X 1 LP	TAL INORGANICS (FILTERED)	
PURGE	OBSERVA	TIONS					COMMENT	ſS			
PURGE W	ATER ERIZED	YES X	NO	NUMBER OF G	ALLONS 0.592						
NOTES											
All equipm arrival on s	ent used eith site. No rinse	ner dedicated or d eate / field blank re	leconned prior to equired	0							
			1	61							
		1/1	mud O?	Jagu	-						
SIGNITU	RE:										

FIELD	FIELD DATA RECORD - GROUNDWATER SAMPLING												
PROJECT	-	Buffalo Color C	orporation		SAMPLE ID	BCC	C_AREA.C_F	PS-06_0313	ONTARIO SPI	ECIALTY CONTRACTING, INC.			
WELL ID		PS-06	6		SAMPLE EVENT		AREA.C_10	22013	SAM	3/27/2013			
TIME	START	8:00 AM	9:00 END	AM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)			
WATER	LEVEL / P	UMP SETTING	iS		MEASUREMENT POIN	IT			NAPL REM	OVAL METHOD			
STATIC D TO W	DEPTH /ATER	5.53	FT		X TOP OF WELL F TOP OF PROTEC OTHER	RISER CTIVE CAS	ING		BAIL PERI ABSO	ER STALTIC PUMP DRBENT SOCK			
	WELL	8.0	FT		MEASUREMENT POINT ELEVATION		587.434	FASL	DEPTH TO NAPL	ND FT			
DIAM	WELL	1.0	IN	WELL STIC CASING H	KUP TO PROTECTIVE		3.75	IN	NAPL VOL. REMOVED	GAL			
SC	REEN	5.0	FT		PROTECTIVE CASING	VES							
TOTAL	L VOL.	0.383	GAL	INTACTAND		PLE 8:30 AM							
FU	RGED				COLLECTION								
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS			
8:15	(3)	6.08	145	6.49	2.254	6.71	3.36	35.52	-62.7				
8:17	0.077	6.08	145	6.59	2.253	6.70	3.42	24.92	-62.6				
8:19	0.077	6.09	145	6.68	2.255	6.69	3.61	23.70	-62.6				
8:21	0.077	6.08	145	6.73	2.255	6.68	3.74	17.48	-61.1				
8:25	0.077	6.08	145	6.77	2.259	6.67	3.84	15.24	-57.9				
	-												
EQUIPM TYP	ENT DOCU	UMENTATION		TYPE OF TUBIN	IG	TYP	E OF WATE	R QUALITY MET	ER TYPE OF V	VATER LEVEL DEVICE			
	WAILER SIMCO BI			X SILICONE		Х	YSI 556 MF	PS W/ FLOW CE	ELL X GEO	TECH INTERFACE METER			
Х	GEOPUMF	PERISTALTIC P	UMP	OTHER	ISHT FOLTE ITTLENE		OTHER	-30 W/ FLOW CI	OTH	ER			
ANALYT		AMETERS											
To Be Collec	cted			MET NUM	HOD I <u>BER</u>		PRESERVA	ATION	VOLUME <u>REQUIRED</u>	SAMPLE COLLECTED			
ARD	X VOC	c		8260 CLP	В		HCL/4 DE	G. C	3 X 40 mL 2 X 1 L 4 G	X VOC			
TAND	X TAL	INORGANICS		CLP			HNO3 to pl	H <2	1 X1LP	X TAL INORGANICS			
E S	VOC	INORGANICS		CLP 8260	B		HNO3 to pH HCL / 4 DE	H <2 G. C	X 1 LP X 40 mL	VOC			
LICA	SVO			CLP			4 DEG. C	H <2	X 1 LAG				
DUP	TAL	INORGANICS		CLP			HNO3 to pl	1 <2 1 <2	X 1 LP	TAL INORGANICS (FILTERED)			
(0	VOC SVO	с		8260 CLP	В		HCL / 4 DE 4 DEG, C	G. C	X 40 mL X 1 LAG	VOC SVOC			
SN SN	TAL	INORGANICS		CLP			HNO3 to pl	H <2	X 1 LP	TAL INORGANICS			
	TAL VOC	INORGANICS		CLP 8260	B		HNO3 to pH HCL / 4 DE	H <2 :G. C	X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC			
ASD	SVO			CLP			4 DEG. C	2~1	X 1 LAG				
	TAL	INORGANICS		CLP			HNO3 to pl	H <2	X1LP	TAL INORGANICS (FILTERED)			
PURGE	OBSERVA	TIONS					COMMENT	S					
PURGE W CONTAIN	/ATER ERIZED	YES X	NO	NUMBER OF G/ GENERATED	ALLONS 0.383								
NOTES					1								
All equipm arrival on s	nent used eith site. No rinse	her dedicated or d eate / field blank re	leconned prior to equired										
		1	hunds	hh-									
		1/1		Ju	-								
SIGNITU	JRE:												

FIELD	FIELD DATA RECORD - GROUNDWATER SAMPLING												
PROJECT		Buffalo Color C	corporation			SAMPLE ID	BCC	_AREA.C_R	FI-20_0313		itario Spi	ECIALTY	Contracting, Inc.
WELL ID		RFI-2	0			SAMPLE EVENT		AREA.C_10	Q2013		SAM	PLE DAT	E 3/26/2013
TIME	START	2:00 PM	END 3	:35 PM		JOB NUMBER		0913ON	IM		SAMPLER		Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S			MEASUREMENT POIN	Т				NAPL REM	IOVAL M	ETHOD
STATIC D TO W	EPTH ATER	6.00	FT			X TOP OF WELL R TOP OF PROTEC OTHER	ISER CTIVE CAS	ING			BAIL PERI ABS(ER ISTALTIC ORBENT	PUMP SOCK
n D	WELL EPTH	12.3	FT			MEASUREMENT POINT ELEVATION		587.502	FASL	DEI NON I	PTH TO NAPL DETECT (ND)		ND FT
DIAM	WELL ETER	2.0	IN	w	ELL STICH CASING HI	KUP TO PROTECTIVE EIGHT DIFFERENTIAL		3.25	IN		NAPL VOL. REMOVED		GAL
SC	REEN NGTH	6.0	FT	INTA	WELL I	PROTECTIVE CASING PROPERLY SECURED	YES	X NO					
TOTAL PUF	VOL. RGED	0.396	GAL			TIME OF SAMPLE COLLECTION		2:35 PI	м				
PURGE I	ΔΑΤΑ					SPECIFIC							
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml	E T /m) (d	EMP. eg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	F	REDOX (ORP)		COMMENTS
14:15		8.04	150		8.17	2.724	6.88	1.38	4.74	_	46.8		
14:17 14·19	0.079	8.21 8.34	150		8.11 8.16	2.728	6.87	1.25	2.82		54.3		
14:25	0.238	8.52	150		8.29	2.727	6.86	1.08	3.76		51.7		
EQUIPM	ENT DOCU	JMENTATION		TYPE	OF TUBIN	G	TYP	E OF WATE	R QUALITY M	ETER	TYPE OF \	WATER L	EVEL DEVICE
	WAILER SIMCO BL	ADDER		X	SILICONE HIGH DEN	SITY POLYETHYLENE	X	HORIBA U	-50 W/ FLOW	CELL	X GEO SOLI	INST WA	TERFACE METER TER METER
Х	GEOPUMF	PERISTALTIC P	UMP		OTHER			OTHER			OTH	ER	
ANALYT To Be Collect		AMETERS			METH	HOD		PRESERVA	ATION		=	SAMPLE	=
	X VOC				NUM	BER		METHOD		REQUIR	- ED 10 ml	COLLEC	- CTED
IDARI	X SVO	С			CLP	Б		4 DEG. C	.6. 0	2 X	1 LAG	X S\	/oc
STAN	X TAL TAL	INORGANICS INORGANICS			CLP CLP			HNO3 to pl HNO3 to pl	H <2 H <2	1 X [·] X ·	1 LP 1 LP	X TA	AL INORGANICS AL INORGANICS (FILTERED)
CATE	X VOC	C			8260 CLP	В		HCL / 4 DE 4 DEG. C	G. C	3 X 4 2 X 1	40 mL 1 LAG	X VO X SV) (0C
DUPLI	X TAL				CLP			HNO3 to pl	H <2	1 X ·	1 LP	X TA	
	X VOC				8260	В		HCL / 4 DE	G. C	3 X 4	40 mL	X VC	
MS	X SVO	C INORGANICS			CLP			4 DEG. C HNO3 to pl	H <2	2 X [·] 1 X [·]	1 LAG 1 LP	X SN X TA	AL INORGANICS
	TAL X VOC	INORGANICS			CLP 8260	В		HNO3 to pH HCL / 4 DE	H <2 :G. C	X - 3 X -	1 LP 40 mL	X VC	AL INORGANICS (FILTERED)
MSD	X SVO				CLP			4 DEG. C	4 < 2	2 X ·	1 LAG	X S\	
	TAL	INORGANICS			CLP			HNO3 to pl	H <2	X	1 LP	TA	AL INORGANICS (FILTERED)
PURGE	OBSERVA	TIONS						COMMENT	rs				
PURGE W	ATER ERIZED	YES X	NO	NUMB GENE	ER OF GA RATED	LLONS 0.396							
NOTES	-					L	-						
All equipm arrival on s	ent used eith ite. No rinse	ner dedicated or d eate / field blank re	leconned pric	or to									
		1	hust	Shh									
a.c		1/1		P	m								
SIGNITU	RE:												

FIELD DATA RECORD - GROUNDWATER SAMPLING											
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.C_R	FI-31_0313	ONTARIO SPE	ECIALTY CONTRACTING, INC.	
WELL ID		RFI-3	1		SAMPLE EVENT		AREA.C_10	22013	SAM	3/27/2013	
ТІМЕ	START	1:10 PM	2:00 F	PM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)	
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT			NAPL REM	IOVAL METHOD	
STATIC D TO W	EPTH ATER	6.93	FT		TOP OF WELL R TOP OF PROTEC	TIVE CAS	ING		PERI ABSC	ER STALTIC PUMP DRBENT SOCK	
D	WELL EPTH	14.0	FT		MEASUREMENT POINT ELEVATION		587.721	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT	
DIAM	WELL ETER	2.0	IN	WELL STIC CASING H	KUP TO PROTECTIVE EIGHT DIFFERENTIAL		2	IN	NAPL VOL. REMOVED	GAL	
SC	REEN	5.0	FT			VES					
TOTAL	VOL.	0.555	GAL		TIME OF SAMPLE	TES	1:30 PI	м			
					SPECIEIC	ļ					
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	
13:20		9.20	150	7.49	14.195	7.23	1.58	20.64	71.6		
13:22	0.079	9.44	150	7.58	14.190	7.22	1.16	12.77	72.4		
13:24 13:26	0.079	9.65 9.86	150 150	7.63	14.199 14.232	7.24	1.02 0.84	12.36	72.2		
13:28	0.079	9.91	150	7.50	14.273	7.22	0.84	10.34	73.7		
13:34	0.238	10.28	150	7.49	14.254	7.22	0.84	14.35	74.8		
	ENT DOCU OF PUMP WAILER SIMCO BL GEOPUMF	JMENTATION ADDER PERISTALTIC P	UMP	TYPE OF TUBIN X SILICONE X HIGH DEN OTHER	<u>G</u> SITY POLYETHYLENE	TYPI X	OF WATEI YSI 556 MF HORIBA U- OTHER	R QUALITY MET PS W/ FLOW CE -50 W/ FLOW C	ER TYPE OF V ELL X GEO ELL SOLI	VATER LEVEL DEVICE TECH INTERFACE METER NST WATER METER ER	
ΔΝΔΙ ΥΤ		AMETERS	-			<u>.</u>					
MIXE TANDARD MSD MSD MSD MSD MSD MSD MSD MSD MSD MS	Image: Addition of the second seco	C INORGANICS INORGANICS C INORGANICS INORGANICS INORGANICS C INORGANICS INORGANICS INORGANICS		MET NUM 8260 CLP CLP 8260 CLP CLP CLP CLP CLP CLP CLP CLP CLP CLP	HOD <u>BER</u> B B B		PRESERV/ <u>METHOD</u> HCL / 4 DE 4 DEG. C HN03 to pH HN03 to pH	ATION G. C H <2 H <2 G. C H <2 G. C H <2 G. C H <2 G. C H <2 H <2	VOLUME <u>REQUIRED</u> 3 X40 mL 2 X1LAG 1 X1LP X1LP X40 mL X1LAG X1LP X1LP X40 mL X1LP X1LP X40 mL X1LP	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) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED)	
PURGE	OBSERVA	TIONS					COMMENT	ſS			
PURGE W	ATER ERIZED	YES X	NO	NUMBER OF GA	ALLONS 0.555						
NOTES All equipm arrival on s	ent used eitl iite. No rinse	ner dedicated or d eate / field blank re	econned prior to equired								
		11	have OS	hagen	-						
SIGNITU	RE:										

FIELD	TIELD DATA RECORD - GROUNDWATER SAMPLING												
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_	AREA.C_M	W-C01_0613	ONTARIO SPI	ECIALTY CONTRACTING, INC.			
WELL ID		MW-C	01		SAMPLE EVENT		AREA.C_20	22013	SAM	6/1/2013			
TIME	START	8:45 AM	9:40 END) AM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)			
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	ΝT			NAPL REM	IOVAL METHOD			
STATIC E TO W	DEPTH ATER	6.80	FT		X TOP OF WELL F TOP OF PROTEC	RISER CTIVE CAS	SING		BAIL PERI ABS0	ER STALTIC PUMP DRBENT SOCK			
C	WELL DEPTH	15.0	FT		MEASUREMENT POINT ELEVATION		584.988	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT			
DIAM	WELL	2.0	IN	WELL STIC	CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL		Ground leve	I IN	NAPL VOL. REMOVED	GAL			
SC LE	REEN	10.0	FT	WELI INTACT AND	PROTECTIVE CASING	YES	X NO						
TOTAL PU	L VOL. RGED	0.507	GAL		TIME OF SAMPLE COLLECTION	LE 9:15 AM							
PURGE	ΠΑΤΑ				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			
9:00		6.40	160	12.94	71.282	6.65	2.39	39.53	-64.7				
9:02	0.085	6.45	160	12.90	71.121	6.65	2.44	50.62	-63.8				
9:04	0.085	6.52	160	12.95	70.637	6.68	2.38	39.01	-63.8				
9:09	0.085	6.61	160	12.93	69.456	6.69	2.42	47.91	-62.6				
9:12	0.127	6.67	160	12.95	68.254	6.71	2.41	47.82	-61.3				
				_									
				_									
FQUIPM	ENT DOCI												
TYP				TYPE OF TUBI	<u>NG</u>	TYP		R QUALITY MET	TYPE OF V	VATER LEVEL DEVICE			
	SIMCO BL	ADDER		X HIGH DE	= NSITY POLYETHYLENE		HORIBA U	-50 W/ FLOW CI	ELL SOLI	NST WATER METER			
Х	GEOPUMF	PERISTALTIC P	UMP	OTHER			OTHER		OTH	ER			
ANALYT To Be Collec	ICAL PAR	AMETERS		ME	ТНОЛ		PRESERVA		VOLUME	SAMPI F			
				NU	MBER		METHOD		REQUIRED	COLLECTED			
DARD	X VOC	с		826 CLF	0B		4 DEG. C	.G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC			
STAN	X TAL	INORGANICS		CLF	5 5		HNO3 to pl HNO3 to pl	H <2 H <2	1 X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)			
ATE	VOC	-		826	0B		HCL / 4 DE	G. C	X 40 mL	VOC			
JPLIC	TAL	INORGANICS		CLF	>		4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP	TAL INORGANICS			
D	TAL VOC	INORGANICS		CLF 826	0B		HNO3 to pH HCL / 4 DE	H <2 G. C	X 1 LP X 40 mL	TAL INORGANICS (FILTERED)			
NS	SVO	C		CLF			4 DEG. C		X 1 LAG	SVOC			
	TAL	INORGANICS		CLF	5 5		HNO3 to pr HNO3 to pr	+ <2 + <2	X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)			
٥	VOC SVO	с		826 CLF	0B		HCL / 4 DE 4 DEG, C	:G. C	X 40 mL X 1 LAG				
MS	TAL	INORGANICS		CLF			HNO3 to pl	H <2	X 1 LP				
	TAL	INORGANICS		CLF	, ,		HNO3 to pr	1<2	XILP	TAL INORGANICS (FILTERED)			
PURGE	OBSERVA	TIONS					COMMENT	S					
PURGE W	/ATER ERIZED	YES X	NO	NUMBER OF G	ALLONS 0.507								
NOTES													
All equipm arrival on s	ent used eith site. No rinse	her dedicated or d eate / field blank re	econned prior	0									
			/ /										
		1/2	nue O.	Wagu									
SIGNITU	JRE:			- 10 m									

FIELD	DATA	RECORD -	GROU	NDWA	TER S	AMPLING						
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC	_AREA.C_M\	V-C04_0513		SPECI	ALTY CONTRACTING, INC.
WELL ID		MW-C	04			SAMPLE EVENT		AREA.C_20	22013		SAMPLE	5/31/2013
TIME	START	2:10 PM	END 3:	10 PM		JOB NUMBER		0913ON	1M	SAMPL	ER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S			MEASUREMENT POIN	T			NAPL	REMOV	AL METHOD
STATIC D TO W	EPTH ATER	5.98	FT			X TOP OF WELL R TOP OF PROTEC OTHER	ISER CTIVE CAS	SING			BAILER PERISTA ABSORE	ALTIC PUMP BENT SOCK
D	NELL EPTH	14.0	FT			MEASUREMENT POINT ELEVATION		587.78	FASL	DEPTH TO NON DETECT	NAPL (ND)	ND FT
DIAM	WELL ETER	2.0	IN	v	VELL STICH CASING HI	KUP TO PROTECTIVE EIGHT DIFFERENTIAL		2	IN	NAPL	VOL. DVED	GAL
SC LE	REEN NGTH	10.0	FT	INT	WELL	PROTECTIVE CASING PROPERLY SECURED	YES	XNO				
TOTAL PUI	VOL. RGED	0.674	GAL			TIME OF SAMPLE COLLECTION		2:45 PI	N			
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
14:22		5.98	170		16.31	1.582	6.43	0.72	47.57	-43.0		
14:24	0.090	5.98	170		16.17	1.580	6.41	0.59	57.83	-41.2		
14:26 14:29	0.090	5.98	170		15.07	1.578	6.39 6.36	0.59	58.64	-38.8 _36.8	-+	
14:20	0.135	5.98	170		15.88	1.574	6.33	0.52	48.94	-33.8		
14:33	0.090	5.98	170		16.03	1.571	6.32	0.53	49.13	-32.5		
14:35	0.090	5.98	170		16.07	1.570	6.33	0.55	52.04	-31.8		
14:37	0.090	5.98	170		16.00	1.572	6.33	0.60	56.90	-30.7	Filt	tered sample
		JMENTATION		TYPE		G	TYP			ETER TYPE		
	WAILER			X	SILICONE	<u> </u>	X	YSI 556 MF	PS W/ FLOW	CELL X	GEOTEC	CH INTERFACE METER
x	SIMCO BL GEOPUMP	ADDER PERISTALTIC P	UMP	X	HIGH DEN OTHER	SITY POLYETHYLENE	-	HORIBA U- OTHER	-50 W/ FLOW	CELL	SOLINST OTHER	T WATER METER
		AMETERS						-		8		
To Be Collec	ed	AWEIERS			MET	HOD		PRESERVA	ATION	VOLUME	SA	MPLE
9	x voc				<u>NUM</u> 8260	BER B		METHOD HCL / 4 DE	GC	REQUIRED 3 X 40 mL		
NDAR	X SVO	C			CLP	_		4 DEG. C		2 X 1 LAG	×	SVOC
STAN	X TAL	INORGANICS			CLP CLP			HNO3 to pH HNO3 to pH	1 <2 1 <2	1 X1LP 1 X1LP	×	TAL INORGANICS
ATE		0			8260	В		HCL/4 DE	G. C	X 40 mL		VOC
DILIC	TAL	INORGANICS			CLP			HNO3 to pH	1 <2	X 1 LAG		TAL INORGANICS
D	TAL	INORGANICS			CLP 8260	в		HNO3 to pH	1<2 G.C	X 1 LP X 40 ml		TAL INORGANICS (FILTERED)
NS IS	svo	C			CLP	5		4 DEG. C	.0. 0	X 1 LAG		SVOC
2	TAL TAL	INORGANICS			CLP CLP			HNO3 to pH HNO3 to pH	+ <2 + <2	X 1 LP X 1 LP	_	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC	2			8260	В		HCL / 4 DE	G. C	X 40 mL		VOC
MSI	TAL	INORGANICS			CLP			4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP		TAL INORGANICS
	TAL	INORGANICS			CLP			HNO3 to pH	1 <2	X 1 LP		TAL INORGANICS (FILTERED)
PURGE	DBSERVA	TIONS						COMMENT	S			
PURGE W	ATER ERIZED	YES X	NO	NUM	BER OF GA ERATED	LLONS 0.674		Clayish col	or particulates			
NOTES												
All equipm arrival on s	ent used eith	ner dedicated or d ate / field blank re	leconned pric equired	or to								
			-/	11	,							
		11	hours C	sha	en	-						
SIGNITU	RE:			/								

FIELD	ELD DATA RECORD - GROUNDWATER SAMPLING												
PROJECT		Buffalo Color C	Corporation			SAMPLE ID	BC	C_AREA.C_F	PS-04_0513		Ontario Spi	ECIAL	TY CONTRACTING, INC.
WELL ID		PS-04	4			SAMPLE EVENT		AREA.C_2	Q2013		SAM	PLE D	5/31/2013
TIME	START	12:50 PM	END 2:	40 PM		JOB NUMBER		0913ON	IM		SAMPLER		Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S				IT				NAPL REM	10VAL	METHOD
STATIC D TO W	EPTH ATER	6.23	FT			TOP OF WELL R TOP OF PROTEC	CTIVE CAS	SING			PERI	ER ISTALI ORBEI	TIC PUMP NT SOCK
C	WELL EPTH	7.0	FT			MEASUREMENT POINT ELEVATION		587.615	FASL		DEPTH TO NAPL NON DETECT (ND)		ND FT
DIAM	WELL	1.0	IN	W	/ELL STICI CASING HI	KUP TO PROTECTIVE EIGHT DIFFERENTIAL		Even	IN		NAPL VOL. REMOVED		GAL
SC LE	REEN NGTH	4.5	FT	INT	WELL ACT AND F	PROTECTIVE CASING PROPERLY SECURED	YES	X NO				-	
TOTAL PUI	. VOL. RGED	0.254	GAL			TIME OF SAMPLE COLLECTION		1:30 P	м				
PURGE			PUROF		END.	SPECIFIC	-11		TUDDIDI	T) (DEDOX		
TIME	VOL. (gal)	WATER (ft)	RATE (ml/	im) (c	ieg. C)	(ms/cm)	pH (units)	(mg/L)	(ntu)	ΙY	(ORP)		COMMENTS
13:22	0.095		160		11.99	0.822	5.13	1.39	5.31		138.1	Can't	take depth to water. Well ran dry
13:24	0.085		160		12.06	0.823	4.66	0.82	10.53	_	176.7		
13:28	0.085		160		12.40	0.833	4.55	1.70	33.13		186.4		
				_									
				_									
				_									
				_									
EQUIPM TYP		JMENTATION		TYPE	OF TUBIN	G	TYP	E OF WATE	R QUALITY I	METE	R TYPE OF V	NATE	R LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X	SILICONE HIGH DEN	SITY POLYETHYLENE	X	YSI 556 MI HORIBA U	PS W/ FLOW -50 W/ FLOV	/ CEL V CE	.L X GEO LL SOLI	TECH	INTERFACE METER VATER METER
Х	GEOPUMF	PERISTALTIC P	PUMP		OTHER			OTHER			ОТН	ER	
ANALYT To Be Collec	ICAL PAR	AMETERS			METI	HOD		PRESERV	ATION		VOLUME	SAMF	PLE
0	X VOC				<u>NUM</u> 8260	<u>BER</u> B		METHOD HCL / 4 DF	GC		REQUIRED 1 X 40 ml	COLL X	ECTED VOC
NDAR	X SVO				CLP	_		4 DEG. C	1.72		1 X1LAG	X	SVOC
STA	TAL	INORGANICS			CLP			HNO3 to pl	⊣ <2 H <2		X 1 LP	^	TAL INORGANICS TAL INORGANICS (FILTERED)
CATE	VOC SVO	С			8260 CLP	В		HCL / 4 DE 4 DEG. C	G. C		X 40 mL X 1 LAG		VOC SVOC
DUPLI	TAL				CLP CLP			HNO3 to pl	H <2 H <2		X 1 LP X 1 LP		TAL INORGANICS
	VOC	0			8260	В		HCL / 4 DE	G. C		X 40 mL		VOC
MS	TAL	INORGANICS			CLP			4 DEG. C HNO3 to pl	H <2		X 1 LAG		TAL INORGANICS
	TAL VOC	INORGANICS			CLP 8260	В		HNO3 to pl HCL / 4 DE	H <2 :G. C		X 1 LP X 40 mL		TAL INORGANICS (FILTERED) VOC
MSD	SVO TAI				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	OBSERVA	TIONS						COMMENT	rs				
PURGE W CONTAIN	ATER ERIZED	YES X	NO	NUME GENE	BER OF GA	LLONS 0.254		Difficulty fit	ting transduc	er do	wn well casing		
	ent used off	ner dedicated or a	leconned price	r to									
arrival on s	site. No rinse	eate / field blank r	equired	1.0									
		1	hust	Shh	-								
	וחר.	1/1		1	m								
SIGNITU													

FIELD	ELD DATA RECORD - GROUNDWATER SAMPLING											
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.C_P	S-05A_0513	Ontario Sf	PECIALTY CONTRACTING, INC.		
WELL ID		PS-05	A		SAMPLE EVENT		AREA.C_20	22013	SAM	5/31/2013		
TIME	START	8:05 AM	10:10 END	MA C	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)		
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	т			NAPL REI	MOVAL METHOD		
STATIC D TO W	EPTH ATER	5.40	FT		X TOP OF WELL F TOP OF PROTEC	RISER CTIVE CAS	SING		BAII PEF ABS	LER RISTALTIC PUMP SORBENT SOCK		
D	WELL	8.0	FT		MEASUREMENT POINT ELEVATION		588.7	FASL	DEPTH TO NAPI NON DETECT (ND	L ND FT		
DIAM	WELL ETER	2.0	IN	WELL STI CASING	CKUP TO PROTECTIVE HEIGHT DIFFERENTIAL		1.75	IN	NAPL VOL REMOVEL	GAL		
SC LE	REEN NGTH	5.0	FT	WEL INTACT AND	PROTECTIVE CASING	YES	X NO					
TOTAL PUI	. VOL. RGED	0.349	GAL		TIME OF SAMPLE COLLECTION		9:00 AI	М				
PURGE					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		
8:25	(3)	5.78	165	14.57	2.502	6.49	4.66	28.95	-82.3	D, MS, MSD		
8:27	0.087	5.79	165	14.65	2.365	6.48	5.23	22.98	-81.0			
8:29 8:31	0.087	5.79	165	14.69	2.240	6.48	3.53	19.72	-79.5			
8:33	0.087	5.80	165	14.89	2.117	6.50	1.31	23.64	-76.9			
				-								
FOLIPM												
TYP	E OF PUMP			TYPE OF TUB	NG	TYP		R QUALITY ME	TER TYPE OF	WATER LEVEL DEVICE		
	WAILER SIMCO BL	ADDER		X SILICON X HIGH DE	E NSITY POLYETHYLENE	X	HORIBA U-	-50 W/ FLOW C	ELL X GEO	OTECH INTERFACE METER LINST WATER METER		
Х	GEOPUMP	PERISTALTIC P	UMP	OTHER			OTHER		OTH	HER		
	ICAL PAR	AMETERS			TU05			TION				
TO BE COllec	lea			NE NU	MBER		METHOD	ATION		COLLECTED		
DARD	X VOC	С		826 CL	0B		HCL / 4 DE 4 DEG, C	:G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC		
TANE	X TAL			CL			HNO3 to ph	H <2	1 X1LP			
TES	X VOC	INURGANICS		826	0B		HNU3 to pr HCL / 4 DE		3 X 40 mL	X VOC		
PLIC/	X SVO	C INORGANICS		CL	> >		4 DEG. C HNO3 to ph	+ <2	2 X1LAG 1 X1LP	X SVOC X TAL INORGANICS		
Ind	TAL I	INORGANICS		CL			HNO3 to ph	H <2	X 1 LP	TAL INORGANICS (FILTERED)		
ñ	X VOC X SVO	С		826 CL	0B		4 DEG. C	.G. C	3 X 40 mL 2 X 1 LAG	X SVOC		
2	X TAL I	INORGANICS		CL	5 5		HNO3 to pH	+ <2 + <2	1 X1LP X1LP	X TAL INORGANICS		
	X VOC			826	0B		HCL / 4 DE	G. C	3 X 40 mL	X VOC		
MSE	X TAL	INORGANICS		CL	>		4 DEG. C HNO3 to pH	H <2	1 X1LP	X TAL INORGANICS		
	TAL	INORGANICS		CL			HNO3 to pH	1 <2	X 1 LP	TAL INORGANICS (FILTERED)		
PURGE	OBSERVA	TIONS					COMMENT	S				
PURGE W CONTAIN	ATER ERIZED	YES X	NO	NUMBER OF O	GALLONS 0.349		D, MS, MS	D				
	ent used still	per dedicated as d	econnod prior t	0								
arrival on s	site. No rinse	eate / field blank re	equired	•								
		1/1	have Of	hagen	_							
SIGNITU	RE:				5455 							

FIELD	ELD DATA RECORD - GROUNDWATER SAMPLING											
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	C_AREA.C_F	PS-06_0513	ONTARIO SPI	ECIALTY CONTRACTING, INC.		
WELL ID		PS-06	3		SAMPLE EVENT		AREA.C_20	22013	SAM	5/31/2013		
ТІМЕ	START	10:25 AM	11:40 END	AM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)		
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT			NAPL REM	IOVAL METHOD		
STATIC D TO W	EPTH ATER	6.38	FT		X TOP OF WELL F TOP OF PROTEC	CTIVE CAS	SING		BAIL PERI ABS0	ER STALTIC PUMP DRBENT SOCK		
D	WELL	8.0	FT		MEASUREMENT POINT ELEVATION		587.434	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT		
DIAM	WELL ETER	1.0	IN	WELL STIC CASING H	KUP TO PROTECTIVE EIGHT DIFFERENTIAL		3.25	IN	NAPL VOL. REMOVED	GAL		
SC LE	REEN NGTH	5.0	FT	WELL	PROTECTIVE CASING	YES	X NO					
TOTAL PUI	. VOL. RGED	0.436	GAL		TIME OF SAMPLE COLLECTION		11:15 A	М				
PURGE	ΔΤΔ	B			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		
10:55		6.29	150	13.96	2.455	5.84	0.65	43.84	-26.4			
10:57	0.079	6.30	150	13.78	2.450	5.79	0.67	35.78	-23.8			
10:59	0.079	6.30 6.30	150	13.89	2.444	5.76 5.75	U.86	42.26	-21.4			
11:04	0.079	6.30	150	14.00	2.439	5.76	2.08	38.17	-20.6			
11:06	0.079	6.31	150	14.00	2.440	5.78	2.65	31.19	-20.8			
FQUIPM	ENT DOCI											
TYP					G	TYP		R QUALITY MET	ER TYPE OF V	VATER LEVEL DEVICE		
	WAILER SIMCO BL	ADDER		X HIGH DEN	SITY POLYETHYLENE	X	HORIBA U	-50 W/ FLOW CI	ELL X GEO	NST WATER METER		
Х	GEOPUMF	PERISTALTIC P	UMP	OTHER			OTHER		OTH	ER		
		AMETERS		MET			DDESEDV		VOLUME	SAMPLE		
				NUM	BER		METHOD	ATION	REQUIRED	COLLECTED		
DARD	X VOC	С		8260 CLP	В		HCL / 4 DE 4 DEG. C	:G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC		
STAN	X TAL			CLP			HNO3 to pl	H <2 H <2	1 X1LP X1LP	X TAL INORGANICS		
ATE (VOC	-		8260	В		HCL / 4 DE	G. C	X 40 mL	VOC		
PLIC	SVO	C INORGANICS		CLP			4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP	TAL INORGANICS		
DC	TAL	INORGANICS		CLP 8260	в		HNO3 to pl	H <2	X 1 LP X 40 ml	TAL INORGANICS (FILTERED)		
ş	svo	С		CLP	5		4 DEG. C	.0.0	X 1 LAG	SVOC		
Ē	TAL TAL	INORGANICS INORGANICS		CLP CLP			HNO3 to pl HNO3 to pl	+<2 +<2	X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)		
0	VOC	C.		8260 CLP	В		HCL/4 DE	G. C	X 40 mL			
MS	TAL	INORGANICS		CLP			HNO3 to pl	H <2	X 1 LP	TAL INORGANICS		
	IAL	INORGANICS		CLP			HNO3 to pr	1 <2	X 1 LP	TAL INORGANICS (FILTERED)		
PURGE	OBSERVA	TIONS					COMMENT	S				
PURGE W	ATER ERIZED	YES X	NO	NUMBER OF GA	ALLONS 0.436							
NOTES		E										
All equipm arrival on s	ent used eith site. No rinse	ner dedicated or d eate / field blank re	econned prior to equired									
			han K	66								
		1/1	and Of	Jun								
SIGNITU	RE:											

FIELD	ELD DATA RECORD - GROUNDWATER SAMPLING												
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC	_AREA.C_R	FI-20_0513		rio Spi	ECIALTY CONTRACTING, INC.	
WELL ID		RFI-2	0			SAMPLE EVENT		AREA.C_20	22013		SAM	PLE DATE 5/31/2013	
TIME	START	11:45 AM	END 12	45 PM		JOB NUMBER		0913ON	1M	SA	MPLER	Tom Wagner (TW)	
WATER	LEVEL / P	UMP SETTING	iS			MEASUREMENT POIN	Т				NAPL REM	IOVAL METHOD	
STATIC D TO W	EPTH ATER	6.22	FT			X TOP OF WELL R TOP OF PROTEC OTHER	ISER CTIVE CAS	ING			BAIL PERI ABS(ER ISTALTIC PUMP ORBENT SOCK	
ں D	WELL EPTH	12.3	FT		_	MEASUREMENT POINT ELEVATION		587.502	FASL	DEPTH NON DE	TO NAPL	ND FT	
DIAM	WELL ETER	2.0	IN	WI C	ELL STICK ASING HE	KUP TO PROTECTIVE EIGHT DIFFERENTIAL		3.25	IN	1	NAPL VOL. REMOVED	GAL	
SCI	REEN NGTH	6.0	FT	INTA	WELL F	PROTECTIVE CASING PROPERLY SECURED	YES	X NO					
TOTAL PUF	VOL. RGED	0.404	GAL			TIME OF SAMPLE COLLECTION		12:10 P	M				
PURGE I	ΔΤΑ					SPECIFIC							
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/	m) (de	EMP. eg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	(OF	OOX RP)	COMMENTS	
11:55		7.16	170	1	3.49	2.323	6.41	2.33	2.34	25	.0		
11:57	0.090	7.41	170	1	3.48 2.45	2.320	6.36	1.64	2.66	27	.4		
12:02	0.090	7.63	170	1	3.45 3.41	2.320	6.35	1.40	4.93 3.01	26	.4 .3		
12:04	0.090	7.76	170	1	3.35	2.302	6.34	1.09	3.19	25	.7		
	ENT DOCU OF PUMP WAILER SIMCO BL GEOPUMP	JMENTATION ADDER PERISTALTIC P	UMP	TYPE (X S X H	<u>of tubing</u> Silicone High dens Other	<u>G</u> SITY POLYETHYLENE	TYPI X	E OF WATEI YSI 556 MF HORIBA U- OTHER	<u>R QUALITY MI</u> PS W/ FLOW (50 W/ FLOW	<u>ETER</u> DELL CELL	TYPE OF V X GEO SOLI	<u>NATER LEVEL DEVICE</u> TECH INTERFACE METER INST WATER METER ER	
ANALYT	ICAL PAR	AMETERS					-						
MSD MS DUPLICATE STANDARD MSD MSD MSD MSD MSD MSD MSD MSD MSD MS	ed X VOC X SVOO TAL VOC SVOO TAL VOC SVOO TAL VOC SVOO TAL VOC SVOO TAL TAL TAL TAL TAL	C INORGANICS INORGANICS C INORGANICS C INORGANICS C INORGANICS INORGANICS			METH NUMI 82600 CLP CLP 82600 CLP CLP CLP CLP CLP CLP CLP CLP CLP CLP	40D <u>BER</u> 3 3		PRESERV/ METHOD HCL / 4 DE 4 DEG. C HNO3 to pH HNO3 to pH HNO3 to pH HNO3 to pH HNO3 to pH HCL / 4 DE 4 DEG. C HNO3 to pH HO3 to pH HO3 to pH HNO3 to pH HNO3 to pH	ATION IG. C I <2 I <2 IG. C I <2 IG. C I <2 IG. C I <2 IG. C I <2 I <2	VOLUME <u>REQUIRED</u> 3 X400 2 X1L0 1 X1L0 X400 X1L0 X1L0 X1L1 X1L1 X1L1 X1L1 X1L1 X1L1 X1L1 X1L1 X1L1 X1L1 X1L1 X1L1	nL AG Sont NL AG Sont NL AG Sont AG Sont AG	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) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED)	
PURGE	JBSEKVA	IUNS						COMMENT	3				
PURGE W CONTAINE	ATER ERIZED	YES X	NO	NUMBE	ER OF GA RATED	LLONS 0.404							
NOTES All equipm arrival on s	ent used eith ite. No rinse	ner dedicated or d eate / field blank re	econned prio equired	r to									
		1/2	nue C.	2.Way	m								
SIGNITU	RE:			-									

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					050
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.C_R	FI-31_0613	ONTARIO SPI	ecialty Contracting, Inc.
WELL ID		RFI-3	1		SAMPLE EVENT		AREA.C_20	22013	SAM	PLE DATE 6/1/2013
TIME	START	7:45 AM	8:35 END	AM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT			NAPL REM	IOVAL METHOD
STATIC D TO W	EPTH ATER	5.20	FT		TOP OF WELL F TOP OF PROTEC	CTIVE CAS	SING		PERI ABS	ER ISTALTIC PUMP ORBENT SOCK
	WELL EPTH	14.0	FT		MEASUREMENT POINT ELEVATION		587.721	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
DIAM	WELL ETER	2.0	IN	WELL STIC CASING F	KUP TO PROTECTIVE EIGHT DIFFERENTIAL		2.38	IN	NAPL VOL. REMOVED	GAL
SC LE	REEN NGTH	5.0	FT	WELL INTACT AND	PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	VOL. RGED	0.423	GAL		TIME OF SAMPLE COLLECTION		8:15 Al	м		
PURGE	ΔΤΑ				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
7:58		8.09	160	12.94	13.582	6.45	0.71	11.57	-24.5	
8:00	0.085	8.48	160	13.01	13.570	6.44	0.68	18.25	-23.0	
8:02	0.085	8.86	160	12.96	13.528	6.45	0.66	12.57	-22.2	
8:08	0.169	9.10	160	13.27	13.462	6.49	0.69	11.84	-26.0	
				_						
				_						
	ENT DOCU OF PUMP WAILER SIMCO BL GEOPUMF	ADDER PERISTALTIC P	UMP	TYPE OF TUBIN X SILICONE X HIGH DEN OTHER	IG ISITY POLYETHYLENE	TYP X	e of wate YSI 556 MF Horiba U Other	<u>R QUALITY ME</u> PS W/ FLOW C -50 W/ FLOW C	TER TYPE OF M ELL X GEO SELL SOLI	WATER LEVEL DEVICE TECH INTERFACE METER INST WATER METER ER
ANALYT To Be Collec		AMETERS		MET	HOD		PRESERV	ATION	VOLUME	SAMPLE
MSD MS DUPLICATE STANDARD	X VOC X SVOC X TAL I TAL I VOC SVOC TAL I VOC SVOC TAL I VOC SVOC TAL I TAL I TAL I	C NORGANICS NORGANICS C NORGANICS NORGANICS NORGANICS C NORGANICS NORGANICS		NUL NUM 8260 CLP CLP CLP CLP CLP CLP CLP CLP CLP CLP	IB <u>BER</u> B B B		METHOD HCL / 4 DE 4 DEG. C HN03 to pi HCL / 4 DE 4 DEG. C	:G. C + <2 :G. C	REQUIRED 3 X 40 mL 2 X 11 LAG 1 X 11 LP X 40 mL X 11 LP X 40 mL X 11 LAG X 11 LP X 40 mL X 11 LP X 10 LP X 11 LP X 11 LP	SAWFLE COLLECTED X VOC X SVOC X TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC SVOC TAL INORGANICS (FILTERED) VOC SVOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED)
PURGE	OBSERVA	TIONS					COMMENT	ſS		
PURGE W CONTAIN	ATER ERIZED	YES X	NO	NUMBER OF G	ALLONS 0.423					
NOTES All equipm arrival on s	ent used eith iite. No rinse	ner dedicated or d eate / field blank re	econned prior t	0						
		1/1	hund D	Wagu	÷					
SIGNITU	RE:			/						

FIELD	Buffalo Color Corporation SAMPLE ID BCC_AREA.C_MW-C01_0913 Overage Section Sec												
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_	AREA.C_M	W-C01_0913	Ontario Spi	ECIALTY CONTRACTING, INC.			
WELL ID		MW-C	01		SAMPLE EVENT		AREA.C_30	Q2013	SAM	9/5/2013 PLE DATE			
ТІМЕ	START	11:45 AM	12:4 END	IO PM	JOB NUMBER		0913ON	١M	SAMPLER	Tom Wagner (TW)			
WATER	LEVEL / F	UMP SETTING	S		MEASUREMENT POIN	νT			NAPL REM	IOVAL METHOD			
STATIC D TO W	EPTH ATER	5.82	FT		X TOP OF WELL F TOP OF PROTE OTHER	RISER CTIVE CAS	SING		BAIL PERI ABS0	ER STALTIC PUMP DRBENT SOCK			
D	WELL	15.0	FT		MEASUREMENT POINT ELEVATION		584.988	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT			
DIAM	WELL ETER	2.0	IN	WELL ST CASING	ICKUP TO PROTECTIVE HEIGHT DIFFERENTIAL		Ground leve	el IN	NAPL VOL. REMOVED	GAL			
SC LE	REEN NGTH	10.0	FT	WE INTACT AN	L PROTECTIVE CASING	YES	X NO						
TOTAL PUI	. VOL. RGED	0.549	GAL		TIME OF SAMPLE COLLECTION		12:15 P	M					
PURGE	DATA				SPECIFIC								
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/n	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS			
11:52		6.49	160	15.70	66.500	6.66	0.53	33.50	-61.8				
11:54	0.085	6.55	160	15.80	66.500	6.69	0.46	38.30	-67.0				
11:56	0.085	6.52	160	16.00	66.500	6.70	0.41	35.10	-69.1				
12:00	0.085	6.70	160	16.10	66,300	6.70	0.39	29.80	-71.2				
12:05	0.211	6.88	160	16.20	66.200	6.70	0.41	28.10	71.3				
				_									
EQUIPM TYP	ENT DOC	UMENTATION		TYPE OF TU	BING	TYP	E OF WATE	R QUALITY ME	TER TYPE OF \	VATER LEVEL DEVICE			
	WAILER			X SILICO		Х	YSI 556 MF	PS W/ FLOW C	ELL X GEO	TECH INTERFACE METER			
x	GEOPUMF	ADDER PERISTALTIC P	UMP	X HIGH D	ENSITY POLYETHYLENE		OTHER	-50 W/ FLOW (OTH	NST WATER METER ER			
		AMETERS											
To Be Collec	ted			Μ	ETHOD		PRESERV	ATION	VOLUME	SAMPLE			
Ð	X VOC			<u>N</u> 8:	JMBER 160B		METHOD HCL / 4 DE	G. C	3 X 40 mL	X VOC			
NDAF	X SVO	C		С	_P		4 DEG. C	1 - 0	2 X1LAG	X SVOC			
STAI	TAL	INORGANICS		C	_P _P		HNO3 to pr HNO3 to pr	⊣ <2 H <2	X1LP X1LP	TAL INORGANICS			
CATE	VOC SVO	c		8	60B		HCL/4 DE	G. C	X 40 mL				
UPLIC	TAL	INORGANICS		C	_P		HNO3 to pl	H <2	X 1 LP	TAL INORGANICS			
ā	TAL VOC	INORGANICS		C 83	_P :60B		HNO3 to pl HCL / 4 DE	H <2 :G. C	X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC			
4S	SVO	С		C	_P		4 DEG. C		X 1 LAG	SVOC			
_	TAL	INORGANICS		C	_P _P		HNO3 to pl HNO3 to pl	+ <2 + <2	X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)			
		0		8	60B		HCL / 4 DE	G. C	X 40 mL	VOC			
MSE	TAL	INORGANICS		C	_P _P		HNO3 to pl	H <2	X 1 LAG	TAL INORGANICS			
	TAL	INORGANICS		C	_P		HNO3 to pl	H <2	X 1 LP	TAL INORGANICS (FILTERED)			
PURGE	OBSERVA	TIONS					COMMENT	ſS					
PURGE W	ATER	YES X	NO	NUMBER OF GENERATED	GALLONS 0.549]							
NOTES						-							
All equipm arrival on s	ent used eit	her dedicated or d eate / field blank re	leconned prior equired	to									
			han 1	Sal									
		1/2	Such Of	Juga	_								
SIGNITU	RE:												

FIELD	ELD DATA RECORD - GROUNDWATER SAMPLING												
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_	AREA.C_M	W-C04_0913		ario Spi	ecialty Contracting, Inc.	
WELL ID		MW-C	04			SAMPLE EVENT		AREA.C_30	22013		SAM	9/5/2013 PLE DATE	
TIME	START	7:30 AM	END 8:	35 AM		JOB NUMBER		0913ON	1M	S/	MPLER	Tom Wagner (TW)	
WATER	LEVEL / P	UMP SETTING	iS			MEASUREMENT POIN	T				NAPL REN	IOVAL METHOD	
STATIC D TO W	EPTH ATER	6.22	FT			X TOP OF WELL R TOP OF PROTEC	ISER CTIVE CAS	ING			BAIL PERI ABSO	ER ISTALTIC PUMP ORBENT SOCK	
n D	WELL EPTH	14.0	FT		-	MEASUREMENT POINT ELEVATION		587.78	FASL	DEPTI NON DE	H TO NAPL TECT (ND)	ND FT	
DIAM	WELL ETER	2.0	IN	WE	ELL STICK ASING HE	UP TO PROTECTIVE		1.75	IN		NAPL VOL. REMOVED	GAL	
SC	REEN NGTH	10.0	FT	INTA	WELL F	PROTECTIVE CASING PROPERLY SECURED	YES	X NO					
TOTAL PUF	VOL. RGED	0.629	GAL			TIME OF SAMPLE COLLECTION		8:15 AI	И				
PURGE I	ΔΑΤΑ					SPECIFIC							
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/	m) (de	EMP. eg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	(REI (Ol	DOX RP)	COMMENTS	
7:50		6.26	170	15	5.70	1.650	6.82	1.85	40.30	-6	6.6		
7:55	0.225	6.28	170	15	5.60	1.640	6.81	1.77	39.60	-6	7.1		
8:01	0.135	6.29	170	15	5.70	1.620	6.80	1.73	31.30	-6	5.8		
8:04	0.135	6.30	170	15	5.70	1.610	6.80	1.74	31.90	-6	6.5		
	ENT DOCU OF PUMP WAILER SIMCO BLI GEOPUMF	ADDER PERISTALTIC P	UMP	TYPE C X S X H	<u>DF TUBING</u> ILICONE IIGH DENS DTHER	3 SITY POLYETHYLENE	TYP X	e of water YSI 556 MF Horiba U- Other	R QUALITY M PS W/ FLOW 50 W/ FLOW	<u>ETER</u> CELL CELL	TYPE OF V X GEO SOLI OTHI	WATER LEVEL DEVICE TECH INTERFACE METER INST WATER METER ER	
ANALYT To Be Collect	ICAL PAR	AMETERS			METH	IOD		PRESERVA	ATION			SAMPLE	
MSD MS DUPLICATE STANDARD	X VOC X SVOO X TAL VOC SVOO TAL TAL VOC SVOO TAL TAL VOC SVOO TAL TAL TAL TAL	C NORGANICS NORGANICS C NORGANICS C NORGANICS NORGANICS NORGANICS NORGANICS			NUMI 82608 CLP CLP 82606 CLP CLP CLP 82606 CLP CLP CLP CLP CLP CLP	<u>3</u>		ME IHQD HCL / 4 DE 4 DEG. C HNO3 to pł HNO3 to pł HNO3 to pł HNO3 to pł HNO3 to pł HCL / 4 DEG. C HNO3 to pł HNO3 to pł	G. C H <2 H <2 G. C H <2 H <2	REQUIRE 3 X40 2 X1L 1 X1L X40 X1L X1L X1L X1L X1L X40 X1L X40 X1L X1L X40 X1L X1L X40 X1L X1L X40 X1L X40 X1L X40 X1L X1L	2 mL AG P P mL AG P P mL AG P P mL AG P P	COLLECTED X VOC X SVOC X TAL. INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL. INORGANICS TAL. INORGANICS TAL. INORGANICS (FILTERED) VOC SVOC TAL. INORGANICS TAL. INORGANICS VOC SVOC TAL. INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VAC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED)	
PURGE	OBSERVA	TIONS						COMMENT	S				
PURGE W CONTAINE	ATER ERIZED	YES X	NO	NUMBE GENEF	ER OF GA RATED	LLONS 0.629							
NOTES All equipm arrival on s	ent used eith ite. No rinse	ner dedicated or d eate / field blank re	econned prio equired	s hay	m								
SIGNITU	RE:												

FIELD	IELD DATA RECORD - GROUNDWATER SAMPLING Buffalo Color Corporation SAMPLE ID BCC_AREA.C_PS-04A_0913												
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC	_AREA.C_P	S-04A_0913	ΟΝΤΑ	rio Spe	ECIALTY CONTRACTING, INC.	
WELL ID		PS-04	A			SAMPLE EVENT		AREA.C_3	Q2013		SAM	9/5/2013 PLE DATE	
TIME	START	11:15 AM	END 11:	40 AM		JOB NUMBER		0913ON	ИМ	SA	MPLER	Tom Wagner (TW)	
WATER STATIC D	LEVEL / F	PUMP SETTING	FT			MEASUREMENT POIN X TOP OF WELL R TOP OF PROTEC	IT LISER CTIVE CAS	ING			NAPL REM BAILI PERI	IOVAL METHOD ER STALTIC PUMP	
10 W	WELL	7.0	FT			MEASUREMENT		588.6	FASL	DEPTH	I TO NAPL	ND FT	
D V	WELL	2.0	IN	W	ELL STIC	VUP TO PROTECTIVE		2.5	IN	NON DE	NAPL VOL.	GAL	
DIAM	ETER REEN	1.0	ET.		CASING HI WELL	EIGHT DIFFERENTIAL PROTECTIVE CASING		2.0		F	REMOVED	O.L.	
LE TOTAL	NGTH . VOL.	4.0	FI	INT	ACT AND F	PROPERLY SECURED	YES	X NO					
PUF	RGED		GAL			COLLECTION							
	VOL.	DEPTH TO	PURGE	TURBIDITY	RED)OX	COMMENTS						
11:15	(gai)	8.30		(0	leg. 0)	(marcin)	(unita)	(iiig/L)	(iitu)	(0)	()	Well went dry, No sample	
				_									
	ENT DOC OF PUMP WAILER SIMCO BL GEOPUMP	ADDER	UMP	TYPE X X	<u>of tubin</u> Silicone High den Other	<u>G</u> SITY POLYETHYLENE	X	<u>E OF WATE</u> YSI 556 MI HORIBA U OTHER	R QUALITY ME PS W/ FLOW C -50 W/ FLOW (<u>eter</u> Dell Cell	TYPE OF V X GEO SOLI OTHE	VATER LEVEL DEVICE TECH INTERFACE METER NST WATER METER ER	
ANALYT	ICAL PAF	AMETERS		-			-	_		-			
ANALYTICAL PARAMETERS To be Collected METHOD PRESERVATION VOLUME SAMPLE OULECTED OULECTED COLLECTED VOC 8260B HCL/4 DEG. C X 40 mL VOC VOC COLLECTED VOC COLLECTED COLLECTED VOC COLLECTED VOC COLLECTED VOC COLLECTED VOC COLLECTED VOC X 100 VALINORGANICS TAL INORGANICS CLP HN03 to pH <2 X 11 LP TAL INORGANICS (FILTERED) VOC 8260B HCL / 4 DEG. C X 40 mL VOC VOC 8260B HCL / 4 DEG. C X 40 mL VOC SVOC CLP HN03 to pH <2 X 11 LP <th c<="" td=""></th>													
PURGE (OBSERVA	TIONS						COMMENT	rs				
PURGE W CONTAINE	ATER ERIZED	YES X	NO	NUME GENE	BER OF GA			Well went of	dry and could n	ot sample			
NOTES All equipm arrival on s	ent used eit ite. No rinse	her dedicated or d eate / field blank re		r to									
SIGNITU	RE:	1/2	mud O.	. Wa	m								

FIELD	ELD DATA RECORD - GROUNDWATER SAMPLING												
PROJECT		Buffalo Color C	Corporation			SAMPLE ID	BCC	_AREA.C_P	S-05A_0913	ONTARIO SP	ecialty Contracting, Inc.		
WELL ID		PS-05	iΑ]	SAMPLE EVENT		AREA.C_30	22013	SAM	9/5/2013		
TIME	START	1:45 PM	END 2	::20 PM		JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)		
WATER	LEVEL / P	UMP SETTING	s			MEASUREMENT POIN	T			NAPL RE	MOVAL METHOD		
STATIC D TO W	EPTH ATER	6.98	FT			X TOP OF WELL R TOP OF PROTEC OTHER	ISER CTIVE CAS	ING		BAIL PER ABS	.ER ISTALTIC PUMP ORBENT SOCK		
n D	WELL EPTH	8.0	FT			MEASUREMENT POINT ELEVATION		588.7	FASL	DEPTH TO NAPL NON DETECT (ND	ND FT		
DIAM	WELL ETER	2.0	IN		WELL STICH CASING HI	KUP TO PROTECTIVE EIGHT DIFFERENTIAL		1.58	IN	NAPL VOL REMOVED	GAL		
SC	REEN NGTH	5.0	FT	IN	WELL I	PROTECTIVE CASING PROPERLY SECURED	YES	X NO					
TOTAL PUF	VOL. RGED	0.246	GAL			TIME OF SAMPLE COLLECTION		2:10 PI	м				
PURGE I	ΔΑΤΑ					SPECIFIC							
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURG RATE (m	E I/m)	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS		
13:56		7.39	155		18.90	1.980	6.79	0.49	11.80	-108.2			
13:58	0.082	7.42	155		18.90	1.960	6.79	0.46	6.67	-109.1			
14:02	0.082	7.63	155		18.90	1.940	6.79	0.38	4.65	-109.7			
EQUIPM	ENT DOCU	JMENTATION		TYP	E OF TUBIN	G	TYP	E OF WATE	R QUALITY ME	TER TYPE OF	WATER LEVEL DEVICE		
	WAILER SIMCO BL	ADDER		X	SILICONE HIGH DEN	SITY POLYETHYLENE	X	HORIBA U	-50 W/ FLOW (CELL X GEO	DTECH INTERFACE METER INST WATER METER		
Х	GEOPUMF	PERISTALTIC P	PUMP		OTHER			OTHER		OTH	IER		
ANALYT	ICAL PAR	AMETERS			METH			PRESERVA		VOLUME	SAMPI F		
	X VOC				NUM	BER		METHOD		REQUIRED			
IDARI	X SVO	С			CLP	D		4 DEG. C	.6. 0	2 X 1 LAG	X SVOC		
STAN	X TAL TAL	INORGANICS INORGANICS			CLP CLP			HNO3 to pl HNO3 to pl	+ <2 + <2	1 X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)		
CATE	VOC SVO	C			8260I CLP	В		HCL / 4 DE 4 DEG. C	G. C	X 40 mL X 1 LAG	VOC SVOC		
DUPLI	TAL				CLP			HNO3 to pl	H <2 H <2	X 1 LP	TAL INORGANICS		
	VOC				8260	В		HCL / 4 DE	:G. C	X 40 mL	VOC		
MS	TAL	C INORGANICS			CLP			4 DEG. C HNO3 to pl	H <2	X 1 LAG X 1 LP	TAL INORGANICS		
	TAL VOC	INORGANICS			CLP 8260	В		HNO3 to pH HCL / 4 DE	H <2 :G. C	X 1 LP X 40 mL	TAL INORGANICS (FILTERED) VOC		
MSD	SVO				CLP			4 DEG. C	1 < 2	X 1 LAG			
	TAL	INORGANICS			CLP			HNO3 to pl	1 <2 H <2	X 1 LP	TAL INORGANICS (FILTERED)		
PURGE	OBSERVA	TIONS					T	COMMENT	s				
PURGE W	ATER ERIZED	YES X	NO	NUM	IBER OF GA	LLONS 0.246							
NOTES													
All equipm arrival on s	ent used eith iite. No rinse	ner dedicated or d ate / field blank re	leconned prie	or to									
		1	hand	Shi	-								
		1/1	-ma C		In								
SIGNITU	RE:												

FIELD	ELD DATA RECORD - GROUNDWATER SAMPLING												
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	C_AREA.C_F	PS-06_0913	Ontario Spi	ecialty Contracting, Inc.			
WELL ID		PS-06	3		SAMPLE EVENT		AREA.C_3	Q2013	SAM	9/5/2013 PLE DATE			
TIME	START	2:25 PM	3:05 END	PM	JOB NUMBER		0913ON	ИМ	SAMPLER	Tom Wagner (TW)			
WATER	LEVEL / P	UMP SETTING	S			IT			NAPL REN	IOVAL METHOD			
STATIC D TO W	EPTH ATER	6.80	FT		TOP OF WELL F TOP OF PROTEC	CTIVE CAS	SING		PERI ABS0	ER ISTALTIC PUMP ORBENT SOCK			
D	WELL EPTH	8.0	FT		MEASUREMENT POINT ELEVATION		587.434	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT			
DIAM	WELL ETER	1.0	IN	WELL STIC CASING F	KUP TO PROTECTIVE		3.5	IN	NAPL VOL. REMOVED	GAL			
SC LE	REEN NGTH	5.0	FT	WELL INTACT AND	PROTECTIVE CASING PROPERLY SECURED	YES	X NO						
TOTAL PUI	VOL. RGED	0.349	GAL		TIME OF SAMPLE COLLECTION		2:45 P	M					
PURGE I	ΔΑΤΑ				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			
14:32		7.19	165	16.90	2.530	6.44	0.83	35.20	-60.9				
14:34 14:36	0.087	7.20	165 165	16.80 16.80	2.540	6.40 6.38	0.59	19.60 9.46	-64.2				
14:38	0.087	7.21	165	16.80	2.540	6.37	0.46	6.89	-66.1				
14:40	0.087	7.21	165	16.70	2.540	6.37	0.45	5.93	-66.5				
EQUIPM		JMENTATION			<u>\G</u>	TYP	E OF WATE	R QUALITY ME	TER TYPE OF V				
	SIMCO BL	ADDER		X HIGH DEI	: NSITY POLYETHYLENE	_	HORIBA U	-50 W/ FLOW C	ELL X GEO	INST WATER METER			
X	GEOPUMP	PERISTALTIC P	UMP	OTHER			OTHER			ER			
ANALYT To Be Collect	ICAL PAR	AMETERS		MET	THOD		PRESERV	ATION	VOLUME	SAMPLE			
9	x voc			<u>NUN</u> 826	<u>IBER</u> DB		METHOD HCL/4 DE	G. C	REQUIRED 3 X 40 mL	COLLECTED X VOC			
NDAR	X SVO			CLP			4 DEG. C		2 X 1 LAG				
STA	TAL	INORGANICS		CLP			HNO3 to pl	H <2 H <2	X 1 LP	TAL INORGANICS			
ICATE	VOC SVO	C		826) CLP)B		HCL / 4 DE 4 DEG. C	EG. C	X 40 mL X 1 LAG	VOC SVOC			
DUPL	TAL I TAL	INORGANICS		CLF CLP			HNO3 to pl HNO3 to pl	H <2 H <2	X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)			
	VOC	<u></u>		826	DB		HCL / 4 DE	EG. C	X 40 mL				
MS	TAL	INORGANICS		CLP			HNO3 to pl	H <2	X 1 LP	TAL INORGANICS			
	TAL VOC	INORGANICS		CLF 826)B		HNO3 to pl HCL / 4 DE	H <2 EG. C	X 1 LP X 40 mL	TAL INORGANICS (FILTERED)			
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		CLF			HNO3 to pl	H <2	X 1 LP	TAL INORGANICS (FILTERED)			
PURGE	OBSERVA	TIONS					COMMENT	rs					
PURGE W	ATER ERIZED	YES X	NO	NUMBER OF G	ALLONS 0.349								
NOTES		120 1		JENERATED									
All equipm arrival on s	ent used eith site. No rinse	ner dedicated or d ate / field blank re	econned prior to)									
		1	hours	hh-									
		//		Jun									
SIGNITU	RE:												

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					050
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.C_R	FI-20_0913	ONTARIO SPI	ECIALTY CONTRACTING, INC.
WELL ID		RFI-2	0		SAMPLE EVENT		AREA.C_30	22013	SAM	9/5/2013 PLE DATE
TIME	START	12:50 PM	1:35 END	5 PM	JOB NUMBER		0913ON	IM	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	IT RISER			NAPL REM BAIL	IOVAL METHOD ER
STATIC D TO W	EPTH ATER	6.54	FT		TOP OF PROTE OTHER	CTIVE CAS	ING		PERI	STALTIC PUMP DRBENT SOCK
D	WELL EPTH	12.3	FT		MEASUREMENT POINT ELEVATION		587.502	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
DIAM	WELL ETER	2.0	IN	WELL STIC CASING H	KUP TO PROTECTIVE		3.5	IN	NAPL VOL. REMOVED	GAL
SC LE	REEN NGTH	6.0	FT	WELL INTACT AND	PROTECTIVE CASING PROPERLY SECURED	YES	X NO			
TOTAL PUI	. VOL. RGED	0.338	GAL		TIME OF SAMPLE COLLECTION		1:15 PI	М		
PURGE I	VOL.	DEPTH TO	PURGE	TEMP.	SPECIFIC CONDUCTANCE	рН	DISS O2.	TURBIDITY	REDOX	
TIME 12:55	(gal)	WATER (ft) 7.65	RATE (ml/m 160) (deg. C) 16.80	(ms/cm) 2.370	(units) 6.91	(mg/L) 1.01	(ntu) 1.39	(ORP) 68.6	COMMENTS
12:57	0.085	7.83	160	17.00	2.300	6.86	0.76	1.55	62.2	
13:01	0.169	8.18 8.35	160 160	16.90	2.300	6.85	0.71	1.65	61.9	
10.00	0.000	0.00	100	10.00	2.010	0.01	0.00	1.40	00.2	
	ENT DOCU OF PUMP WAILER SIMCO BL GEOPUMP	JMENTATION ADDER PERISTALTIC P	UMP	TYPE OF TUBI X SILICONE X HIGH DEP OTHER	<u>NG</u> E NSITY POLYETHYLENE	TYP X	E OF WATE YSI 556 MF HORIBA U OTHER	<u>R QUALITY ME</u> PS W/ FLOW CI -50 W/ FLOW C	ELL X GEO ELL SOLI	<u>VATER LEVEL DEVICE</u> TECH INTERFACE METER NST WATER METER ER
ANALYT To Be Collect	ICAL PAR	AMETERS		MET	THOD		PRESERV	ATION	VOLUME	SAMPLE
MSD MS DUPLICATE STANDARD	X VOC X SVOC X TAL I TAL I VOC SVOC TAL I VOC SVOC TAL I VOC SVOC TAL I TAL I	C INORGANICS INORGANICS C INORGANICS INORGANICS INORGANICS C INORGANICS INORGANICS		NUM 826 CLF CLF 826 CLF CLF CLF 826 CLF CLF 826 CLF CLF CLF CLF	16 <u>6</u> 198 198 198 198 198 198		METHOD HCL / 4 DE 4 DEG. C HNO3 to pi HNO3 to pi HCL / 4 DE 4 DEG. C HNO3 to pi HCL / 4 DE 4 DEG. C HNO3 to pi HCL / 4 DE 4 DEG. C HNO3 to pi HCL / 4 DE	G. C H <2 H <2 G. C H <2 G. C H <2 G. C H <2 G. C H <2 H <2 G. C H <2 H <2 G. C H <2 H <2 G. C	REQUIRED 3 X 40 mL 2 X 1 LAG 1 X 1 LP X 40 mL X 1 LP X 1 LP X 40 mL X 1 LP X 1 LP X 1 LP X 1 LP X 1 LP X 1 LP X 1 LP X 1 LAG X 1 LP X 1 LP X 1 LP X 1 LP	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) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED)
PURGE	OBSERVA	TIONS					COMMENT	ſS		
PURGE W	ATER ERIZED	YES X	NO	NUMBER OF G GENERATED	ALLONS 0.338					
NOTES All equipm arrival on s	ent used eith ite. No rinse	ner dedicated or d eate / field blank re	econned prior t	0						
		1/2	hours Of	hagen	-					
SIGNITU	RE:			■ 1.2						

FIELD	ELD DATA RECORD - GROUNDWATER SAMPLING											
PROJECT		Buffalo Color C	Corporation		5	SAMPLE ID	BCC	_AREA.C_R	FI-31_0913		Ontario Spi	ECIALTY CONTRACTING, INC.
WELL ID		RFI-3	1		S	SAMPLE EVENT		AREA.C_30	22013		SAM	9/5/2013
ТІМЕ	START	8:40 AM	10: END	50 AM		JOB NUMBER		0913ON	IM		SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	s		Ν	MEASUREMENT POIN	T				NAPL REM	IOVAL METHOD
STATIC E TO W	DEPTH ATER	7.02	FT		þ	X TOP OF WELL R TOP OF PROTEC OTHER	ISER CTIVE CAS	ING			BAIL PERI ABS0	ER STALTIC PUMP DRBENT SOCK
	WELL	14.0	FT		-	MEASUREMENT POINT ELEVATION		587.721	FASL	D NON	EPTH TO NAPL	ND FT
DIAN	WELL	2.0	IN	WEL	LL STICK	UP TO PROTECTIVE		2.38	IN		NAPL VOL. REMOVED	GAL
SC LE	REEN	5.0	FT	INTAC	WELL PI	ROTECTIVE CASING	YES	X NO				
TOTAI PU	L VOL. RGED	0.573	GAL			TIME OF SAMPLE COLLECTION	Γ	9:30 AM	N			
DURGE						SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/i	m) (deg	ИР. I. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)		REDOX (ORP)	COMMENTS
8:50	(3+)	8.35	155	17.	10	13.630	7.14	0.54	12.00		-130.8	
8:52	0.082	8.55	155	17.	20	13.540	7.16	0.49	13.30		-137.3	
8:54	0.082	8.74	155	17.	20	13.430	7.20	0.47	16.00		-143.9	
8:58	0.082	9.10	155	17.	10	13.280	7.23	0.44	18.40	-	-150.8	
9:00	0.082	9.38	155	17.	.10	12.860	7.31	0.38	21.10		157.9	
9:02	0.082	9.58	155	17.	.00	12.760	7.32	0.37	20.80		157.8	
9:04	0.082	9.75	155	17.	.10	12.720	7.33	0.33	20.40		-156.9	
										_		
										-		
		JMENTATION					TVD			TED		
	WAILER			X SIL		2	X	YSI 556 MF	PS W/ FLOW	ELL	X GEO	TECH INTERFACE METER
x	SIMCO BL GEOPUMP	ADDER PERISTALTIC P	PUMP		GH DENS 'HER	ITY POLYETHYLENE		HORIBA U- OTHER	50 W/ FLOW	CELL	SOLI OTH	NST WATER METER ER
ΔΝΔΙ ΥΤ		AMETERS										
To Be Collec	ted				METH	OD		PRESERVA	ATION	VOLUN	ME	SAMPLE
Ð	X VOC				<u>NUMB</u> 8260B	ER		METHOD HCL / 4 DE	G. C	REQU 3 >	I <u>RED</u> < 40 mL	X VOC
NDAF	X SVO				CLP			4 DEG. C	10	2 >	(1LAG	
STA	TAL	INORGANICS			CLP			HNO3 to pH	1 <2 1 <2	>	(1LP	TAL INORGANICS (FILTERED)
CATE	X VOC	C.			8260B CL P			HCL/4 DE	G. C	3 >	(40 mL (1 I AG	X VOC
UPLIG	X TAL	INORGANICS			CLP			HNO3 to pH	1 <2	1 >	(1LP	X TAL INORGANICS
	X VOC	INORGANICS			CLP 8260B			HNO3 to pH HCL / 4 DE	-l <2 .G. C	3 >	< 1 LP < 40 mL	TAL INORGANICS (FILTERED) X VOC
WS	X SVO				CLP			4 DEG. C	1 - 0	2 >	(1LAG	X SVOC
	TAL TAL	INORGANICS			CLP			HNO3 to pH HNO3 to pH	1 <2 1 <2	1 2	(1LP	TAL INORGANICS
0	X VOC	<u>_</u>			8260B			HCL/4 DE	G. C	3 >	(40 mL	X VOC
MSI	X TAL	INORGANICS			CLP			HNO3 to pH	H <2	1 >	(1LP	X TAL INORGANICS
	TAL	INORGANICS			CLP	_	HNO3 to pH	1 <2	>	(1 LP	TAL INORGANICS (FILTERED)	
PURGE	OBSERVA	TIONS					COMMENT	S				
PURGE W CONTAIN	/ATER ERIZED	YES X	NO	NUMBEF GENERA	R OF GAL ATED	LONS 0.573		D, MS, MSI	D			
NOTES												
All equipm arrival on	ent used eith site. No rinse	ner dedicated or d ate / field blank re	leconned prior	to								
			-/	11.								
		1/2	hours C.	sha	en							
SIGNITU	JRE:			/								

FIELD	DATA	RECORD -	GROUNI	WATER S	AMPLING					050
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC_	AREA.C_M	W-C01_1213	ONTARIO SPI	ECIALTY CONTRACTING, INC.
WELL ID		MW-C)1		SAMPLE EVENT		AREA.C_4	Q2013	SAM	PLE DATE 12/2/2013
TIME	START	10:20 AM	END 11:20	AM	JOB NUMBER		0913ON	ИМ	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S			IT			NAPL REM	IOVAL METHOD
STATIC D TO W	EPTH ATER	5.88	FT		TOP OF WELL F TOP OF PROTEC	CTIVE CAS	SING		PERI ABS	ER ISTALTIC PUMP ORBENT SOCK
C	WELL EPTH	15.0	FT		MEASUREMENT POINT ELEVATION		584.988	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
DIAM	WELL ETER	2.0	IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL Below ground IN				NAPL VOL. REMOVED	GAL	
SCREEN 10.0 FT			WELL INTACT AND	PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL VOL. PURGED 0.328 GAL				TIME OF SAMPLE COLLECTION		10:50 A	M			
PURGE 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)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
10:35		6.68	155	9.30	63.980	6.84	0.49	20.30	-47.5	
10:37	0.082	6.74	155	9.30	64.240	6.85	0.43	19.60 16.30	-48.7	
10:33	0.082	6.82	155	9.20	64.820	6.86	0.39	14.70	-50.0	
10:43	0.082	6.83	155	9.20	64.810	6.86	0.29	14.80	-50.3	
EQUIPM TYP		JMENTATION			IG		E OF WATE	R QUALITY ME	TER TYPE OF V	
	SIMCO BL		IMP	X HIGH DEN	ISITY POLYETHYLENE	~	HORIBA U	-50 W/ FLOW 0		INST WATER METER
X	GEOPUMP	PERISTALTIC P	UMP	OTHER			OTHER			ER
ANALYT To Be Collec	ICAL PAR	AMETERS		MET	HOD		PRESERV	ATION	VOLUME	SAMPLE
Ð	X VOC			<u>NUN</u> 8260	IBER B		METHOD HCL / 4 DE	EG. C	REQUIRED 3 X 40 mL	COLLECTED X VOC
NDAF	X SVO			CLP			4 DEG. C	H <2	2 X1LAG	
E STA	TAL	INORGANICS		CLP	_		HNO3 to pl	H <2	X 1 LP	TAL INORGANICS (FILTERED)
ICATE	VOC SVO	С		8260 CLP	IB		HCL / 4 DE 4 DEG. C	EG. C	X 40 mL X 1 LAG	VOC SVOC
DUPL	TAL TAL	INORGANICS		CLP CLP			HNO3 to pl HNO3 to pl	H <2 H <2	X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
	VOC	<u>^</u>		8260 CLR	В		HCL/4 DE	EG. C	X 40 mL	VOC
MS	TAL	INORGANICS		CLP			HNO3 to pl	H <2	X 1 LP	TAL INORGANICS
	TAL VOC	INORGANICS		CLP 8260	В		HNO3 to pl HCL / 4 DE	H <2 EG. C	X 1 LP X 40 mL	TAL INORGANICS (FILTERED)
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	OBSERVA	TIONS					COMMENT	rs		
PURGE W	ATER ERIZED	YES X	NO	NUMBER OF G	ALLONS 0.328					
NOTES		.20 X		52.12.01120						
All equipm arrival on s	ent used eith site. No rinse	ner dedicated or d ate / field blank re	econned prior to equired							
		1	hours to	hh-						
		//	the CP	Jun	-					
SIGNITU	RE:									

FIELD	DATA	RECORD -	GROU	NDWAT	FER S	AMPLING						050
PROJECT		Buffalo Color C	orporation			SAMPLE ID	BCC_	AREA.C_M	W-C04_1213	Ont	ario Sf	PECIALTY CONTRACTING, INC.
WELL ID		MW-C	04			SAMPLE EVENT		AREA.C_40	22013		SAM	12/3/2013
TIME	START	8:15 AM	9: END	15 AM		JOB NUMBER		0913ON	1M	S	AMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S			MEASUREMENT POIN	T				NAPL REN	MOVAL METHOD
STATIC D TO W	DEPTH ATER	5.68	FT			TOP OF WELL R TOP OF PROTEC OTHER	ISER CTIVE CAS	ING			PER ABS	LER RISTALTIC PUMP FORBENT SOCK
	WELL DEPTH	14.0	FT			MEASUREMENT POINT ELEVATION		587.78	FASL	DEPT NON DE	H TO NAPL) ND FT
DIAM	WELL IETER	2.0	IN	W	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL						NAPL VOL REMOVED	GAL
SC LE	REEN NGTH	10.0	FT	INTA	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED			YES X NO				
TOTAL PU	TOTAL VOL. PURGED 0.338 GAL					TIME OF SAMPLE COLLECTION		8:45 AI	М			
PURGE			DUDOE			SPECIFIC			TUDDIDIT		201	
TIME	VOL. (gal)	WATER (ft)	PURGE RATE (ml/	m) (d	EMP. eg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS 02. (mg/L)	TURBIDIT (ntu)	Y RE (O	DOX RP)	COMMENTS
8:25		5.73	160	1	1.70	1.590	6.96	0.08	27.30	-5	8.7	Clayish color particles
8:27	0.085	5.72	160	1	1.80	1.550	6.94	0.06	30.20	-5	6.1	
8:29	0.085	5.72	160	1	11.60	1.550	6.94	0.02	17.60	-5	1.1	
8:33	0.085	5.72	160	1	11.40	1.490	6.92	0.06	14.50	-4	8.6	
			1									
				_								
_												
EQUIPM TYP	ENT DOCU	JMENTATION		TYPE	OF TUBIN	G	TYP	E OF WATE	R QUALITY N	IETER	TYPE OF	WATER LEVEL DEVICE
	WAILER			X	SILICONE		Х	YSI 556 MF	PS W/ FLOW	CELL	X GEC	
Х	GEOPUMF	ADDER PERISTALTIC P	UMP		HIGH DEN OTHER	SITY POLYETHYLENE		OTHER	-50 W/ FLOW	CELL	OTH	INST WATER METER IER
ANALYT		AMETERS										
To Be Collec	ted				MET	HOD		PRESERVA	ATION	VOLUME		SAMPLE
8	X VOC				<u>NUM</u> 8260	BER B		HCL / 4 DE	G. C	3 X 40	<u>)</u> mL	X VOC
NDAI	X SVO				CLP			4 DEG. C	1<2	2 X1L 1 X1L	AG P	
STA	TAL	INORGANICS			CLP			HNO3 to ph	1 <2	X1L	P	TAL INORGANICS (FILTERED)
CATE	VOC SVO	C			8260 CLP	В		HCL / 4 DE 4 DEG. C	:G. C	X 40 X 1 L	mL AG	VOC SVOC
UPLI	TAL	INORGANICS			CLP			HNO3 to ph	H <2	X 1 L	P	
	VOC	INURGANICS			8260	В		HNU3 to pr HCL / 4 DE	4 <2 :G. C	X 1 L X 40	mL	VOC
MS	SVO				CLP			4 DEG. C	1<2	X 1 L X 1 I	AG P	
	TAL	INORGANICS			CLP			HNO3 to pl	H <2	X 1 L	P	TAL INORGANICS (FILTERED)
9	VOC SVO	C			8260 CLP	В		HCL / 4 DE 4 DEG. C	:G. C	X 40 X 1 L	mL AG	VOC SVOC
M	TAL INORGANICS CLP							HNO3 to ph	H <2	X 1 L	P	
	TAL INORGANICS CLP						- I	HINOS to pr	1 <2	XIL	F	TAL INORGANICS (FILTERED)
PURGE	UBSERVA	HONS						COMMENT	8			
PURGE W	ATER ERIZED	YES X	NO	NUMB GENF	ER OF GA RATED	ALLONS 0.338		Clayish col	or particulates	i		
NOTES				OLINE		L						
All equipm	ent used eith	ner dedicated or d	leconned prio	r to								
arrival on s	site. No rinse	eate / field blank re	equired									
		1	hand	Shh								
		1/1	-ma V.	- oug	m							
SIGNITU	JRE:			-			1					

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					050
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.C_P	S-04A_1213	Ontario Sp	ECIALTY CONTRACTING, INC.
WELL ID		PS-04	A		SAMPLE EVENT		AREA.C_40	22013	SAM	12/2/2013 IPLE DATE
ТІМЕ	START	2:20 PM	3:10 END	PM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S						NAPL REM	NOVAL METHOD
STATIC D TO W	EPTH ATER	7.02	FT		TOP OF PROTEC	CTIVE CAS	SING		PER ABS	ISTALTIC PUMP ORBENT SOCK
D	WELL EPTH	7.0	FT		MEASUREMENT POINT ELEVATION		588.6	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
DIAM	WELL ETER	2.0	IN	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL 2.5 IN					NAPL VOL REMOVED	GAL
SCREEN 4.0 FT LENGTH			WELL INTACT AND	WELL PROTECTIVE CASING						
TOTAL PUI	VOL. RGED	0.159	GAL		TIME OF SAMPLE COLLECTION		2:30 PI	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)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
14:28	0.070	7.23	150	10.30	1.030	7.39	28.20	18.00	-45.1	
14:30	0.079	7.43	150	10.30	1.000	7.30	24.90	10.40	-27.2	Start sample, running low
	ENT DOCU OF PUMP WAILER SIMCO BL GEOPUMP	JMENTATION ADDER PERISTALTIC P	UMP	X SILICONE X HIGH DEN OTHER	IG ISITY POLYETHYLENE	TYP X	e of wate YSI 556 MF Horiba U Other	<u>R QUALITY ME</u> PS W/ FLOW C -50 W/ FLOW C	TER TYPE OF ELL X GEO ELL SOL OTH	WATER LEVEL DEVICE DTECH INTERFACE METER INST WATER METER ER
ANALYT To Be Collect	ICAL PAR	AMETERS		MET	HOD		PRESERV	ATION	VOLUME	SAMPLE
NUMBER Dr. X. VOC 8260B YOC CLP YOC 8260B YE TAL INORGANICS CLP TAL INORGANICS CLP YOC 8260B YOC 8260B YOC 8260B YOC CLP TAL INORGANICS CLP TAL INORGANICS CLP YOC 8260B SVOC CLP TAL INORGANICS CLP YOC 8260B SVOC CLP TAL INORGANICS CLP SVOC 8260B SVOC CLP TAL INORGANICS CLP					I <u>BER</u> 18 18 18		METHOD HCL / 4 DE 4 DEG. C HN03 to pi HN03 to pi HCL / 4 DE 4 DEG. C HN03 to pi HCL / 4 DE 4 DEG. C HN03 to pi HCL / 4 DE 4 DEG. C HN03 to pi HCL / 4 DE 4 DEG. C	:G. C + <2 + <2 :G. C + <2 :G. C	REQUIRED 3 X 40 mL 2 X 1 LAG 1 X 1 LP X 40 mL X 1 LP X 1 LAG X 1 LP X 1 LP X 1 LP X 1 LP X 1 LP X 1 LP X 1 LP X 40 mL X 1 LP X 1 LP X 40 mL X 1 LP X 1 LP X 1 LP X 1 LP	COLLECTED X VOC X SVOC X TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC X TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE	OBSERVA	TIONS					COMMENT	ſS		
PURGE W CONTAIN	ATER ERIZED	YES X	NO	NUMBER OF G	ALLONS 0.159					
NOTES All equipm arrival on s	ent used eith ite. No rinse	ner dedicated or d ate / field blank re	econned prior to							
		1/1	have OS	Wagu	-					
SIGNITU	RE:									

FIELD	DATA	RECORD -	GROUN	IDWATER	SAMPLING						050
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.C_P	S-05A_1213		ario Spi	ECIALTY CONTRACTING, INC.
WELL ID		PS-05	A		SAMPLE EVENT		AREA.C_4	22013		SAM	PLE DATE 12/2/2013
TIME	START	1:00 PM	END 2:1	0 PM	JOB NUMBER		0913ON	IM	s	AMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	iS		MEASUREMENT POIN	NT				NAPL REM	IOVAL METHOD
STATIC D TO W	EPTH ATER	5.24	FT		X TOP OF WELL F TOP OF PROTE OTHER	RISER CTIVE CAS	SING			BAIL PERI ABS0	ER ISTALTIC PUMP ORBENT SOCK
D	WELL EPTH	8.0	FT		MEASUREMENT POINT ELEVATION		588.7	FASL	DEPT NON DE	H TO NAPL	ND FT
DIAM	WELL ETER	2.0	IN	WELL S CASIN	TICKUP TO PROTECTIVE G HEIGHT DIFFERENTIAL	Γ	1.58	IN		NAPL VOL. REMOVED	GAL
SC LE	REEN NGTH	5.0	FT	WE INTACT AI	LL PROTECTIVE CASING	YES					
TOTAL VOL. 0.328 GAL PURGED				TIME OF SAMPLE COLLECTION		1:40 P	м				
PURGE I	ΔΤΑ				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)	TURBIDIT (ntu)	Y RE (O	DOX RP)	COMMENTS
13:25		5.35	155	8.30	2.270	7.14	0.65	82.00	-8	9.0	
13:27	0.082	5.36	155	8.40	2.260	7.13	0.33	74.20	-9	94.0	
13:31	0.082	5.37	155	8.30	2.230	7.12	0.23	62.90	-9	98.8	
13:33	0.082	5.38	155	8.30	2.230	7.11	0.16	59.70	10	00.3	
					-						
	ENT DOCU OF PUMP WAILER SIMCO BL GEOPUMF	ADDER PERISTALTIC P	UMP	TYPE OF TU X SILICO X HIGH I OTHEF	BING NE DENSITY POLYETHYLENE R	TYP X	E OF WATE YSI 556 MI HORIBA U OTHER	<u>R QUALITY M</u> PS W/ FLOW -50 W/ FLOW	<u>ETER</u> CELL CELL	TYPE OF V X GEO SOLI	WATER LEVEL DEVICE TECH INTERFACE METER INST WATER METER ER
ANALYT To Be Collect		AMETERS		 	IETHOD		PRESERV	ATION	VOLUME		SAMPLE
0 X VOC 8260 2 X SVOC CLP 4 X TAL INORGANICS CLP 5 TAL INORGANICS CLP 4 VOC 8260 5 TAL INORGANICS CLP 4 VOC 8260 5 TAL INORGANICS CLP 4 TAL INORGANICS CLP 5 VOC 8260 6 SVOC CLP 7 TAL INORGANICS CLP					UMBER 260B LP LP 260B LP LP 260B LP 260B LP 260B LP LP 260B LP LP		METHOD HCL / 4 DE 4 DEG. C HNO3 to pl HNO3 to pl HCL / 4 DE 4 DEG. C HNO3 to pl HNO3 to pl	:G. C + <2 + <2 :G. C + <2 :G. C	REQUIRE 3 X40 2 X1L 1 X1L X40 X1L X1L X1L X1L X1L X1L X1L X1L X1L X40 X1L X41 X1L X40 X1L X41 X1L	D mLGPmLGPmLGPmLGPmLGPmLGPmLGPmLGPPMLGPPMLGPPMLGPPPMLGPPPMLGPPPMLGPPPMLGPPPMLGPPPMLGPPPPMLGPPPPMLGPPPPMLGPPPPMLGPPPPPPPPPPPP	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) VOC SVOC TAL INORGANICS (FILTERED) TAL INORGANICS (FILTERED)
PURGE	OBSERVA	TIONS					COMMENT	ſS			
PURGE W CONTAIN	ATER ERIZED	YES X	NO	NUMBER OF GENERATEI	GALLONS 0.328						
NOTES All equipm arrival on s	OTES I equipment used either dedicated or deconned prior to rrival on site. No rinseate / field blank required										
SIGNITU	RE:	1/1		Ju							
5.5.1.10	· ··										

FIELD	DATA	RECORD -	GROUN	DWATER S	AMPLING					050
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	C_AREA.C_P	PS-06_1213	ONTARIO SPI	ECIALTY CONTRACTING, INC.
WELL ID		PS-06	6		SAMPLE EVENT		AREA.C_40	22013	SAM	PLE DATE 12/2/2013
TIME	START	8:10 AM	9:50 END	AM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	iS		MEASUREMENT POIN	т			NAPL REM	IOVAL METHOD
STATIC D TO W	EPTH ATER	5.15	FT		X TOP OF WELL F TOP OF PROTEC	RISER CTIVE CAS	ING		BAIL PERI ABS(ER ISTALTIC PUMP ORBENT SOCK
	WELL DEPTH	8.0	FT		MEASUREMENT POINT ELEVATION		587.434	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
DIAM	WELL	1.0	IN	WELL STIC CASING H	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL 3.5 IN					GAL
SCREEN 5.0 FT II			WELL INTACT AND	PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL VOL. 0.655 GAL PURGED				TIME OF SAMPLE COLLECTION		8:30 AI	М			
PURGE	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)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
8:15		5.84	155	11.50	2.370	6.54	0.35	14.70	-48.3	
8:17	0.082	5.75	155	11.50	2.310	6.55	0.24	20.80	-47.4	
8:19	0.082	5.75	155	11.60	2.280	6.54	0.14	19.00	-45.6	
8:21	0.082	5.75	155	11.60	2.230	6.53	0.14	16.40	-45.2	
0.01	0.100	0.10	100	11.00	2.2.10	0.00	0.10	10.10	10.2	
					-					
EQUIPM TYP		JMENTATION			<u>IG</u>	TYP	E OF WATEI	R QUALITY ME	TER TYPE OF V	NATER LEVEL DEVICE
	WAILER					Х	YSI 556 MF	PS W/ FLOW C	ELL X GEO	TECH INTERFACE METER
Х	GEOPUMF	PERISTALTIC P	UMP	OTHER	SIT POLTETHTLENE		OTHER	-50 W/ FLOW (OTH	ER
ANALYT	ICAL PAR	AMETERS								
To Be Collec	ted			MET	HOD		PRESERVA	ATION		SAMPLE
RD	X VOC			8260)B		HCL / 4 DE	G. C	3 X 40 mL	X VOC
ANDA	X SVO	C INORGANICS		CLP			4 DEG. C HNO3 to pl	1 <2	2 X1LAG 1 X1LP	X SVOC X TAL INORGANICS
ST/	TAL	INORGANICS		CLP	_		HNO3 to pl	H <2	X 1 LP	TAL INORGANICS (FILTERED)
ICATI	X SVO	С		8260 CLP	JB		4 DEG. C	:G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC
DUPL	X TAL			CLP			HNO3 to pH	+<2 +<2	1 X1LP	X TAL INORGANICS
	X VOC	INDICOANICO		8260)B		HCL / 4 DE	:G. C	3 X 40 mL	X VOC
MS	X SVO	C INORGANICS		CLP CLP			4 DEG. C HNO3 to pH	H <2	2 X1LAG 1 X1LP	X SVOC X TAL INORGANICS
	TAL	INORGANICS		CLP			HNO3 to pl	H <2	X 1 LP	TAL INORGANICS (FILTERED)
Д	X SVO	С		8260 CLP	JB		4 DEG. C	:G. C	3 X 40 mL 2 X 1 LAG	X VOC X SVOC
ž	X TAL	INORGANICS		CLP CLP			HNO3 to pH	+ <2 + <2	1 X1LP X1LP	X TAL INORGANICS TAL INORGANICS (FILTERED)
	OBSERVA	TIONS					COMMENT	- -S		
PURGE W	ATER			NUMBER OF G	ALLONS 0.655		D, MS, MS	D		
CONTAIN	ERIZED	YES X	NO	GENERATED						
NOTES All equipm	ent used eith	ner dedicated or d	econned prior to	D						
arrival on s	SILE. INO FINSE		equirea							
		1/2	una OS	Wagu	-					
SIGNITU	JRE:			V						

FIELD	DATA	RECORD	- GROU	NDWA	TER SA	AMPLING						050
PROJECT		Buffalo Color C	Corporation			SAMPLE ID	BCC	_AREA.C_R	FI-20_1213	ONT	ario Sp	ECIALTY CONTRACTING, INC.
WELL ID		RFI-2	0]	SAMPLE EVENT		AREA.C_40	22013		SAM	IPLE DATE 12/2/2013
TIME	START	11:45 AM	END 12	2:45 PM		JOB NUMBER		0913ON	1M	SA	MPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S			MEASUREMENT POIN	T				NAPL REN	NOVAL METHOD
STATIC D TO W	EPTH ATER	5.88	FT			TOP OF WELL R TOP OF PROTEC	ISER CTIVE CAS	SING			PER ABS	ER ISTALTIC PUMP ORBENT SOCK
D	WELL EPTH	12.3	FT			MEASUREMENT POINT ELEVATION		587.502	FASL	DEPTH NON DE	H TO NAPL TECT (ND)	ND FT
DIAM	WELL ETER	2.0	IN		WELL STICH CASING HI	KUP TO PROTECTIVE EIGHT DIFFERENTIAL		3.58	IN	1	NAPL VOL. REMOVED	GAL
SC	REEN NGTH	6.0	FT	IN	WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED			X NO				
TOTAL VOL. PURGED 0.262 GAL					TIME OF SAMPLE COLLECTION		12:10 P	м				
PURGE I	DATA					SPECIFIC						
TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURG RATE (m	E I/m)	TEMP. (deg. C)	CONDUCTANCE (ms/cm)	pH (units)	DISS O2. (mg/L)	TURBIDIT (ntu)	(OF	DOX RP)	COMMENTS
12:00	0.007	7.10	165		11.20	2.470	7.34	0.57	24.40	9	.4	
12:02	0.087	7.23	165		11.10	2.320	7.29	0.55	20.20	24	.6	
12:06	0.087	7.42	165		11.00	2.230	7.24	0.53	19.20	29	.0	
										-		
		JMENTATION		TYP	E OF TUBIN	G	TYP	E OF WATE	R QUALITY M	ETER	TYPE OF V	WATER LEVEL DEVICE
	WAILER SIMCO BL	ADDER		X	SILICONE HIGH DEN	SITY POLYETHYLENE	X	HORIBA U	-50 W/ FLOW	CELL	X GEO SOLI	INST WATER METER
Х	GEOPUMF	PERISTALTIC P	PUMP		OTHER			OTHER			OTH	ER
ANALYT	ICAL PAR	AMETERS			METH			PRESERVA		VOLUME		SAMPI F
	X VOC				NUM	BER				REQUIRED	<u>)</u> ml	
IDARI	X SVO	с			CLP	D		4 DEG. C	.6. 0	2 X1L	AG	X SVOC
STAN	X TAL	INORGANICS INORGANICS			CLP CLP			HNO3 to pl HNO3 to pl	+ <2 + <2	1 X1L X1L	P P	X TAL INORGANICS TAL INORGANICS (FILTERED)
CATE	VOC SVO	C			8260I CLP	В		HCL / 4 DE 4 DEG. C	G. C	X 40 I X 1 L	mL AG	VOC SVOC
DUPLI	TAL				CLP			HNO3 to pl	H <2 H <2	X 1 LI X 1 LI	P	TAL INORGANICS
	VOC				8260	В		HCL / 4 DE	G. C	X 40	mL	VOC
MS	TAL	C INORGANICS			CLP			4 DEG. C HNO3 to pl	H <2	X 1 L X 1 L	AG P	TAL INORGANICS
	TAL VOC	INORGANICS			CLP 8260	В		HNO3 to pH HCL / 4 DE	- <2 :G. C	X 1 LI X 40 I	P mL	TAL INORGANICS (FILTERED) VOC
MSD	SVO				CLP			4 DEG. C	1 < 2	X 1 L	AG P	
	TAL INORGANICS CLP TAL INORGANICS CLP							HNO3 to pl	1 <2	X1L	P	TAL INORGANICS (FILTERED)
PURGE 0	OBSERVA	TIONS						COMMENT	S			
PURGE W	ATER ERIZED	YES X	NO	NUM GEN	IBER OF GA	LLONS 0.262						
NOTES			_									
All equipme arrival on s	ent used eith site. No rinse	ner dedicated or d ate / field blank re	leconned pri equired	or to								
		1	hund	Shi								
		1/1	C	1	In							
SIGNITU	RE:											

FIELD	DATA	RECORD -	GROUNE	WATER SA	AMPLING					050
PROJECT		Buffalo Color C	orporation		SAMPLE ID	BCC	_AREA.C_R	FI-31_1213	ONTARIO SPI	ECIALTY CONTRACTING, INC.
WELL ID		RFI-3	1		SAMPLE EVENT		AREA.C_40	22013	SAM	PLE DATE 12/3/2013
TIME	START	9:30 AM	10:30 END	AM	JOB NUMBER		0913ON	1M	SAMPLER	Tom Wagner (TW)
WATER	LEVEL / P	UMP SETTING	S		MEASUREMENT POIN	T			NAPL REM	IOVAL METHOD
STATIC D TO W	EPTH ATER	6.88	FT		TOP OF WELL R TOP OF PROTEC	ISER CTIVE CAS	ING		PERI ABSC	ER STALTIC PUMP DRBENT SOCK
D	WELL	14.0	FT		MEASUREMENT POINT ELEVATION		587.721	FASL	DEPTH TO NAPL NON DETECT (ND)	ND FT
DIAM	WELL ETER	2.0	IN	WELL STIC CASING H	WELL STICKUP TO PROTECTIVE CASING HEIGHT DIFFERENTIAL				NAPL VOL. REMOVED	GAL
SCREEN 5.0 FT			WELL	PROTECTIVE CASING PROPERLY SECURED	YES	X NO				
TOTAL VOL. PURGED 0.436 GAL				TIME OF SAMPLE COLLECTION		10:00 A	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)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
9:40		8.20	165	11.10	13.460	6.94	0.16	9.50	-43.8	
9:42	0.087	8.38	165	11.00	13.380	7.00	0.18	8.30	-46.2	
9:44 9:46	0.087	8.64	165	10.90	13.280	7.03	0.16	8.72	-47.3	
9:48	0.087	8.79	165	10.90	13.080	7.12	0.16	8.51	-52.0	
9:50	0.087	8.91	165	10.80	12.870	7.19	0.17	9.98	-58.9	
	ENT DOCU E OF PUMP WAILER SIMCO BL			X SILICONE X HIGH DEN	<u>G</u> SITY POLYETHYLENE	TYPI X	E OF WATEI YSI 556 MF HORIBA U-	R QUALITY MET PS W/ FLOW CE 50 W/ FLOW CI	ER TYPE OF V LL X GEO ELL SOLI	VATER LEVEL DEVICE TECH INTERFACE METER NST WATER METER
	GEOPOINF	PERISTALTIC P	UMP	OTHER			OTHER			-R
ANALYT To Be Collec TAMDARD SM QS MANDARD SM QS MANDARD	ICAL PAR led X VOC X SVOI X TAL TAL VOC SVOI TAL TAL VOC SVOI TAL TAL VOC SVOI SVOI SVOI	C INORGANICS INORGANICS C INORGANICS INORGANICS C INORGANICS INORGANICS C		MET NUM 8260 CLP CLP 8260 CLP CLP 8260 CLP CLP CLP 8260 CLP 8260 CLP	HOD <u>BER</u> B B B		PRESERV/ METHOD HCL / 4 DE 4 DEG. C HNO3 to pH HNO3 to pH HNO3 to pH HNO3 to pH HNO3 to pH HCL / 4 DE 4 DEG. C HNO3 to pH HNO3 to pH HNO3 to pH HNO3 to pH HOL / 4 DE 4 DEG. C	ATION IG. C I <2 I <2	VOLUME <u>REQUIRED</u> 3 X 40 mL 2 X 1 LAG 1 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	SAMPLE COLLECTED X VOC X SVOC X TAL INORGANICS TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS (FILTERED) VOC VOC SVOC TAL INORGANICS (FILTERED) VOC SVOC TAL INORGANICS TAL INORGANICS TAL INORGANICS TAL INORGANICS SVOC VOC SVOC SVOC SVOC SVOC SVOC
≥	TAL TAL	INORGANICS INORGANICS		CLP CLP			HNO3 to pH HNO3 to pH	H <2 H <2	X 1 LP X 1 LP	TAL INORGANICS TAL INORGANICS (FILTERED)
PURGE	OBSERVA	TIONS					COMMENT	S		
PURGE W CONTAIN	ATER ERIZED	YES X	NO	NUMBER OF GA	ALLONS 0.436					
NOTES All equipm arrival on s	NOTES All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required									
SIGNITU	RE:									

ATTACHMENT D

SITE INSPECTION SHEETS

SOIL COVER INSPECTION CHECKLIST Former Buffalo Color Facility, AreaC, Buffalo, NY

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

<u>Instructions</u>: 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.

EV	ALUATION ITEMS						
<u>C(</u>	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 Concrete Sl	abs (occupied str	uctures)				
a.	Condition	\checkmark					
<u>SP</u>	ECIFIC DATA ITEMS (Write N	IA if not applicab	le)				
Are	ea(s): <u>N/A</u>						_
1.	Approximate size in feet area(s)	(List separately)					
	a) by						
	b) by						

c) by _____

2. Deepest point of area(s) (e.g. erosion/damage) measu red from the adjacent surface (List separately)

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

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

- 3. Attach a hand sketch or photograph to the attached Site plan showing the location(s) of the area(s). Identify each area by using the letter a, b, c, etc. from Question 1. N/A
- 4. Approximate size in feet of any settlement area within the area(s). (List separately.)
 - a) _____ by ____
 - b) _____ by ____ c) by ____
- 5. Approximate size and location of animal burrows. (Attach a sketch showing approximate locations.) N/A
- 6. Approximate depth of settlement area(s) measured from the adjacent surface. (List separately.)
 - a) feet
 - b) _____ feet
 - c) _____ feet
- 7. Attach a hand sketch or photograph to the attached Site plan showing the location of the settlement area(s). Identify each area by using the letter a, b, or c, etc. from Question 6.

N/A

- 8. Approximate size and depth of eroded area(s).
 - a) _____ feet
 - b) _____ feet
 - c) feet
- 9. Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).

N/A

Three O. Wage _____

Signature of Inspector(s)

Attachments Yes

___ ✓ No

Other Comments: None

SOIL COVER INSPECTION CHECKLIST

Former Buffalo Color Facility, AreaC, Buffalo, NY

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

<u>Instructions</u>: 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.

EV	ALUATION ITEMS						
CC	NDITION: (Check)						
	Action Required						
(W	rite NA if not applicable)	Acceptable	Not Acceptable	Yes	No	Remarks	
1.	Integrity of Soil Cover						
a.	Runoff/Erosion Damage	\checkmark					
b.	Settlement						
c.	Missing/Insufficient grass/vegetation						
d.	Animal Burrows						
2. a.	Surface Pavement Condition	√					
3. a.	At-Grade/Basement Concrete S Condition	labs (occupied str ✔	uctures)				
<u>SPI</u>	ECIFIC DATA ITEMS (Write N	IA if not applicabl	le)				
Are	ea(s): <u>N/A</u>						
1.	Approximate size in feet area(s)	(List separately)					
	a) by						
	b) by						

c) _____ by ____

2. Deepest point of area(s) (e.g. erosion/damage) measu red from the adjacent surface (List separately)

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

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

- 3. Attach a hand sketch or photograph to the attached Site plan showing the location(s) of the area(s). Identify each area by using the letter a, b, c, etc. from Question 1. N/A
- 4. Approximate size in feet of any settlement area within the area(s). (List separately.)
 - a) _____ by ____
 - b) _____ by ____ c) by ____
- 5. Approximate size and location of animal burrows. (Attach a sketch showing approximate locations.) N/A
- 6. Approximate depth of settlement area(s) measured from the adjacent surface. (List separately.)
 - a) feet
 - b) _____ feet
 - c) _____ feet
- 7. Attach a hand sketch or photograph to the attached Site plan showing the location of the settlement area(s). Identify each area by using the letter a, b, or c, etc. from Question 6.

N/A

- 8. Approximate size and depth of eroded area(s).
 - a) _____ feet
 - b) _____ feet
 - c) feet
- 9. Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).

N/A

Three O. Wage _____

Signature of Inspector(s)

Attachments Yes

___ ✓ No

Other Comments: None
SOIL COVER INSPECTION CHECKLIST Former Buffalo Color Facility, AreaC, Buffalo, NY

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

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

E١	ALUATION ITEMS						
C	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 Concrete	Slabs (occupied st	ructures)				
a.	Condition						
<u>SP</u>	ECIFIC DATA ITEMS (Write	NA if not applicab	le)				
٨r	0.2 (c): N/A						
1	Approvimato sizo in fact area	(List constably)					
١.	Approximate size in reet area	s) (List separately)					
	a) by						

c) _____ by ____
2. Deepest point of area(s) (e.g. erosion/damage) measu red from the adjacent surface (List separately)

- a) feet
- b) feet
- c) feet

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

- 3. Attach a hand sketch or photograph to the attached Site plan showing the location(s) of the area(s). Identify each area by using the letter a, b, c, etc. from Question 1. N/A
- 4. Approximate size in feet of any settlement area within the area(s). (List separately.)
 - a) _____ by ____
 - b) _____ by ____ c) by ____
- 5. Approximate size and location of animal burrows. (Attach a sketch showing approximate locations.) N/A
- 6. Approximate depth of settlement area(s) measured from the adjacent surface. (List separately.)
 - a) feet
 - b) _____ feet
 - c) _____ feet
- 7. Attach a hand sketch or photograph to the attached Site plan showing the location of the settlement area(s). Identify each area by using the letter a, b, or c, etc. from Question 6.

N/A

- 8. Approximate size and depth of eroded area(s).
 - a) _____ feet
 - b) _____ feet
 - c) feet
- 9. Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).

N/A

Three O. Wage _____

Signature of Inspector(s)

Attachments Yes

___ ✓ No

Other Comments: None

SOIL COVER INSPECTION CHECKLIST Former Buffalo Color Facility, AreaC, Buffalo, NY

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

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

EV	ALUATION ITEMS						
CC	NDITION: (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 Concrete Sl	abs (occupied str	uctures)				
a.	Condition						
<u>SPI</u>	ECIFIC DATA ITEMS (Write N	A if not applicabl	e)				
Are	ea(s): <u>N/A</u>						
1.	Approximate size in feet area(s) a) by	(List separately)					

- b) _____ by ____
- c) _____ by ____

2. Deepest point of area(s) (e.g. erosion/damage) measu red from the adjacent surface (List separately)

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

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

- 3. Attach a hand sketch or photograph to the attached Site plan showing the location(s) of the area(s). Identify each area by using the letter a, b, c, etc. from Question 1. N/A
- 4. Approximate size in feet of any settlement area within the area(s). (List separately.)
 - a) _____ by ____
 - b) _____ by ____ c) by ____
- 5. Approximate size and location of animal burrows. (Attach a sketch showing approximate locations.) N/A
- 6. Approximate depth of settlement area(s) measured from the adjacent surface. (List separately.)
 - a) feet
 - b) _____ feet
 - c) _____ feet
- 7. Attach a hand sketch or photograph to the attached Site plan showing the location of the settlement area(s). Identify each area by using the letter a, b, or c, etc. from Question 6.

N/A

- 8. Approximate size and depth of eroded area(s).
 - a) _____ feet
 - b) _____ feet
 - c) feet
- 9. Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).

N/A

Three O. Wage _____

Signature of Inspector(s)

Attachments Yes

_ ✓ No

Other Comments: None

SOIL COVER INSPECTION CHECKLIST Former Buffalo Color Facility, AreaC, Buffalo, NY

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

<u>Instructions</u>: 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.

Eν	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 Concrete SI	abs (occupied st	ructures)				
a.	Condition						
<u>SP</u>	ECIFIC DATA ITEMS (Write N	A if not applicab	le)				
Are	ea(s): <u>N/A</u>						_
1.	Approximate size in feet area(s)	(List separately)					
	a) by						

b) _____ by _____ c) by _____

2. Deepest point of area(s) (e.g. erosion/damage) measu red from the adjacent surface (List separately)

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

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

- 3. Attach a hand sketch or photograph to the attached Site plan showing the location(s) of the area(s). Identify each area by using the letter a, b, c, etc. from Question 1. N/A
- 4. Approximate size in feet of any settlement area within the area(s). (List separately.)
 - a) _____ by ____
 - b) _____ by ____ c) by ____
- 5. Approximate size and location of animal burrows. (Attach a sketch showing approximate locations.) N/A
- 6. Approximate depth of settlement area(s) measured from the adjacent surface. (List separately.)
 - a) feet
 - b) _____ feet
 - c) _____ feet
- 7. Attach a hand sketch or photograph to the attached Site plan showing the location of the settlement area(s). Identify each area by using the letter a, b, or c, etc. from Question 6.

N/A

- 8. Approximate size and depth of eroded area(s).
 - a) _____ feet
 - b) _____ feet
 - c) feet
- 9. Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).

N/A

Three O. Wage _____

Signature of Inspector(s)

Attachments Yes

_ ✓ No

Other Comments: None

SOIL COVER INSPECTION CHECKLIST Former Buffalo Color Facility, AreaC, Buffalo, NY

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

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

EV	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 Concrete Sla	abs (occupied str	uctures)			
a.	Condition					
<u>SPI</u>	ECIFIC DATA ITEMS (Write Na	A if not applicabl	e)			
1	Annroximate size in feet area(s)	(List separately)				
1.	a) by					
	b) by					
	c) by					

2. Deepest point of area(s) (e.g. erosion/damage) measu red from the adjacent surface (List separately)

- feet a)
- b) feet c) feet

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

- 3. Attach a hand sketch or photograph to the attached Site plan showing the location(s) of the area(s). Identify each area by using the letter a, b, c, etc. from Question 1. N/A
- 4. Approximate size in feet of any settlement area within the area(s). (List separately.)
 - a) _____ by ____
 - b) _____ by ____ c) by ____
- 5. Approximate size and location of animal burrows. (Attach a sketch showing approximate locations.) N/A
- 6. Approximate depth of settlement area(s) measured from the adjacent surface. (List separately.)
 - a) feet
 - b) _____ feet
 - c) _____ feet
- 7. Attach a hand sketch or photograph to the attached Site plan showing the location of the settlement area(s). Identify each area by using the letter a, b, or c, etc. from Question 6.

N/A

- 8. Approximate size and depth of eroded area(s).
 - a) _____ feet
 - b) _____ feet
 - c) feet
- 9. Attach a sketch or photograph to the attached Site plan showing location of any eroded area(s).

N/A

Three O. Wage _____

Signature of Inspector(s)

Attachments Yes

_ ✓ No

Other Comments: None

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

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

CONDITION (Check)

EVALUATION ITEMS

				Actio	n Required	k
(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	\checkmark				
c.	At-Grade/Basement Slabs	✓				
3.	Site Management Activities					
	Confirmation Sampling					
a.						
b.	Health & Safety Inspection	<u> </u>				
c.	Other (specify)					
4.	Permits					
a.	Compliant?	✓				
5.	O&M					
a.	Schedule being followed?	✓				
6.	Site Records					
a.	Up to date?	\checkmark				

7. General Site Conditions Good

Three O. Wage _____

Signature of Inspector(s)

Attachments

Yes

✓ No

Other Comments:

12/20/12 35, Ptl. cloudy

Personnel (Organization): Tom Wagner(OSC) - Dave Szymanski(Dec)

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

CONDITION (Check)

EVALUATION ITEMS

Date:

Weather:

			COND			<u> </u>
				Actio	n Required	b
(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	\checkmark				
b.	Health & Safety Inspection	\checkmark				
c.	Other (specify)	✓				
4.	Permits					
a.	Compliant?	✓				
5.	O&M					
a.	Schedule being followed?	✓				
6.	Site Records					
a.	Up to date?	\checkmark				

7. General Site Conditions Good

Three O. Wage _____

Signature of Inspector(s)

Attachments

Yes

✓ No

Other Comments:

3/7/13
39 Lt. Snow

Personnel (Organization): Tom Wagner(OSC) - Dave Szymanski(Dec)

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

EVALUATION ITEMS

Date: Weather:

		CONDITION: (Check) Action Required				
						k
(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	✓		. <u> </u>		
3.	Site Management Activities					
a.	Confirmation Sampling	\checkmark				
b.	Health & Safety Inspection	\checkmark				
c.	Other (specify)	✓				
4.	Permits					
a.	Compliant?	✓				
_	0.111					
5.	U& M					
a.	Schedule being followed?					
6.	Site Records					
a.	Up to date?	✓				

7. General Site Conditions Good

Three O. Wage _____

Signature of Inspector(s)

Attachments

Yes

✓ No

Other Comments:

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

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

				Actio	n Required	ł
(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	\checkmark				
c.	At-Grade/Basement Slabs	\checkmark				
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?	\checkmark				

7. General Site Conditions Good

Three O. Wage _____

Signature of Inspector(s)

Attachments

Yes

✓ No

Other Comments:

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

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

CONDITION (Check)

EVALUATION ITEMS

				Actio	n Required	ł
(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	\checkmark				
c.	At-Grade/Basement Slabs	\checkmark				
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?	\checkmark				

7. General Site Conditions Good

Three O. Wage _____

Signature of Inspector(s)

Attachments

Yes

✓ No

Other Comments:

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

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

CONDITION: (Check)

EVALUATION ITEMS

		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?	\checkmark				. <u>.</u>
6. a.	Site Records Up to date?					

7. General Site Conditions Good

Three O. Wage _____

Signature of Inspector(s)

Attachments

Yes

✓ No

Other Comments:

ATTACHMENT E

MONITORING WELL PS-04A DOCUMENTATION

	-	E	AR	TH	DIMENSIONS, IN	С.
16F13 PROJECT	Replace City of	e existi Buffal	ng da o, Eri	HOLE N amaged 1 e Co., N	Soil and Hydrogeologic Investigations • Wetlan 1091 Jamison Road • Elma, NY 14059 (716) 655-1717 • FAX (716) 655-2915 NO. Bore Hole PS-04A "PVC well with 2" well LOCATION	NA Delineations SURF. ELEVATION Lee Street at Elk Street (Former Buffalo Color Area C)
DEPTH IN FT	BLOWS SAMPLI	ON ER	<u>ty co</u>		<u>, inc.</u> DATE STARTED <u>oc</u>	<u>90721713</u> COMPLETED <u>90721713</u>
SN 0/ 6	6/ 12 12 18	/ 18/ 24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL WATER TABLE AND REMARKS
					Advanced bore hole with 4 1/4 inch ID x 8 inch OD hollow stem auger casing without split spoon sampling to 7.0 feet. 7.0 Boring completed at 7.0 feet.	 (1)
20						

N=NUMBER OF BLOWS TO DRIVE <u>N/A</u>SPOON <u>N/A</u>" WITH <u>N/A</u> Ib. WT. FALLING <u>N/A</u>" PER BLOW LOGGED BY <u>Brian R. Bartron, Geologist, (mw)</u> SHEET 1 OF 1