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Project Site numbers will be proceeded by the following:

Municipal Brownfields - B

Superfund - HW

Spills - SP

ERP - E

VCP - V

BCP - C

0915231



July 13, 2012

Mr. David Szymanski

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue
Buffalo, New York 14203-2999

RECEIVED
NYSDEC - REGION 9

JUL 16 2012

Subject: **2011 Periodic Review Report**
Buffalo Color Corporation Site Area C
Site No. (C915231)
Amec Project No. 3410110843

FOIL
✓ REL UNREL

Dear Mr. Szymanski:

Amec Environment & Infrastructure, Inc. (Amec) is submitting this Periodic Review Report (PRR) for the Buffalo Color Corporation Site Area C (Site) on behalf of South Buffalo Development LLC (SBD). The completed Site Management PRR Notice - Institutional and Engineering Controls Certification Form is provided herein as **Attachment A**, which includes a summary of institutional controls. A report titled "2011 Annual Operation, Maintenance, and Monitoring Report, Buffalo Color Corporation Area C" (OM&M Report), is included herein as **Attachment B**. The remainder of this document follows the outline presented in your May 4, 2012 letter.

EXECUTIVE SUMMARY

Site Summary

The primary remedial objectives at the Site were to eliminate the potential for direct contact with waste and impacted soils and sediments, and to eliminate the potential for impacted groundwater to discharge offsite. Remedial construction activities were completed in 2010. The key remedial actions for the Site included:

- Excavation and off-Site disposal of 10,527 CY (in-place volume) of volatile organic compound (VOC) contaminated soils from two locations on the northern side of Area C to accomplish mass removal of the source material;
- The addition of a bioremediation enhancement agent (Regenesis ORC-A) to the excavation backfill to promote the bioremediation of residual soil and groundwater contamination at the excavated areas;
- Utilization of an integrated Site-wide cover system consisting of a combination of a minimum 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 prevent potential human exposure to remaining impacted Site soil; and

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Mr. David Szymanski
New York State Department of Environmental Conservation
July 2012

- Abandonment/plugging of unused process sewers and installation of a new storm sewer infrastructure.

The Buffalo Color Corporation Area C Site is located at 229 Elk Street, in the southern portion of the City of Buffalo, Erie County, New York (see Appendix A in **Attachment B**).

Structures located on Area C include the former Buffalo Color powerhouse (208), boiler house (207), as well as the other structures shown on Appendix A in **Attachment B**. These structures have been cleared of asbestos and residual chemicals and are anticipated 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 (see Appendix A in **Attachment B**). The surrounding area consists of industrial and residential properties.

The Buffalo Color Corporation Area C Site was 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 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 BCC 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. BCC purchased the manufacturing areas A through E, while Allied Chemical retained the acid plant (sold to PVS Chemical, Inc. in 1981), the research and development facility on Area F, and the parking lots on Areas G (Elk Street) and H (Smith Street).

The remediation involved excavation and disposal of the wastes present on Site along with the addition of a bioremediation enhancement agent (Regenesis ORC-A) to the excavation backfill, a Site-wide soil cover was incorporated over the entire Site, and a new sewer system was installed to manage Site storm water.

During 2011, the following routine OM&M activities were completed in accordance with the December 2010 Site Management Plan (SMP) prepared by MACTEC Engineering and Consulting, Inc. (now Amec):

- Quarterly groundwater monitoring;
- Quarterly Site inspections; and
- Routine maintenance activities.

Effectiveness Monitoring

The cover system is intact with suitable vegetative cover, surface pavement, and concrete slabs. Sufficient time has not elapsed to determine if the bioremediation enhancement agent has begun to promote the bioremediation of residual soil and groundwater contamination.

*what is the basis
for this statement?*

Mr. David Szymanski
New York State Department of Environmental Conservation
July 2012

Compliance

The OM&M activities conducted in 2011 were performed in accordance with the SMP and as described in the attached OM&M Report.

Recommendations

Implementation of the activities specified in the SMP will continue in 2012, as described in the attached OM&M Report and in Section VI. E. of this letter.

SITE OVERVIEW

Site Location

The Site plan is illustrated on the figures included in **Attachment B** of the attached OM&M Report. The Site is an approximately 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 (see Figure 2 in **Attachment B**). Structures that remain on Area C include the former Buffalo Color powerhouse (208), boiler house (207), as well as the other structures shown on Figure 2 in **Attachment B**.

The Site remedy included excavation and disposal of the wastes containing elevated levels of VOCs from two locations in the northern portion of the Site along with the addition of a bioremediation enhancement agent (Regenesi ORC-A) to the excavation backfill; a Site-wide soil cover system consisting of a combination of 12 inches of clean soil seeded with native grasses, 12 inches of clean gravel, existing or new pavement (asphalt or concrete), and Site buildings to prevent human exposure to impacted soil/fill remaining at the Site; and a new sewer system to manage Site storm water and abandonment/plugging of unused process and storm sewers.

Chronology

Excavation of soils began in October 2010 and the backfilling was complete in November 2010. Final grading and a one-foot soil cover were placed by December 2010. Seeding was initiated in the growing season in 2011 and a follow-up seeding event was completed in October 2011. The storm sewer work was initiated in April 2011 and completed in June 2011. The Site-wide cover was concluded when paving of asphalt areas was completed in several stages in the summer of 2011.

EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

The performance, effectiveness and protectiveness of the remedy is verified by ensuring that the cover system is intact as constructed.

- Ensuring the cover system is intact as constructed: Quarterly Site inspections are conducted that include monitoring of soil cover vegetation, ground inspections, and visual checks for evidence of erosion or subsidence. The results from the inspections

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indicate that the integrity of the cover system is sound (see the quarterly inspection reports included as Appendix D in the attached OM&M Report).

IC/EC PLAN COMPLIANCE REPORT

A separate IC/EC Plan has not been prepared. The status of Site engineering controls is discussed in the attached OM&M Report. Institutional controls for the Site include restriction of the land to commercial or industrial use.

MONITORING PLAN COMPLIANCE REPORT

A separate Monitoring Plan Compliance Report is not required for this Site. Monitoring requirements are addressed in the SMP.

OPERATION AND MAINTENANCE PLAN COMPLIANCE REPORT

Components of the OM&M Manual

Requirements of the SMP include the following:

- Quarterly Groundwater Sampling;
- Quarterly Site Inspections; and
- Maintenance Activities (annual mowing of soil cover, repair of pavement and concrete slab areas without vegetative cover, repair of areas showing erosion or subsidence, maintenance of storm water collection systems, etc).

Summary of OM&M Completed During 2011

Quarterly groundwater monitoring, quarterly Site inspections and other OM&M activities were completed in 2011 in accordance with the SMP. The following summarizes the activities completed:

- Quarterly groundwater sampling events were completed in March, June, September, and November 2011 and included collection of aqueous samples from seven monitoring wells for parameters described in the OM&M Manual. The results are summarized in the attached OM&M Report, and the analytical report is included in Appendix C of the OM&M report.
- Quarterly Site inspections were conducted as outlined in the OM&M Manual.
- Non-routine maintenance activities completed in 2011 included the following:
 - Initial seeding activities on soil cover areas – June 22, 2011
 - Follow-up seeding for areas disturbed during subsequent construction activities – October 4, 2011

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- Abandon monitoring well PS-05 and install replacement monitoring well PS-05A – September 15, 2011
- Installation of storm sewer system – April to June 2011
- Paving of surface areas – several occurrences throughout the summer months

Evaluation of Remedial Systems

During 2011, the systems effectively achieved the objectives of the remedial action, as described in the attached OM&M Report.

OM&M Deficiencies

In 2011 most of the monitoring points are fully functional; however, there are two damaged or destroyed monitoring points (MW-C01 and PS-05). These monitoring points were cleaned or replaced in 2010 and are currently functional.

2011

Conclusions and Recommendations

The following conclusions were developed based on the data collected during the 2011 OM&M period:

- Based on the results of the quarterly inspection reports, which verify that the integrity of the cover system is adequate and vegetation is established, the remedy remains protective for direct contact with impacted soils.
- Sufficient monitoring has not been performed to determine if a decreasing trend in groundwater constituents has been established based on the analytical results from the first year of quarterly groundwater sampling.

The following recommendations were developed based on the data collected during the 2011 OM&M period:

- Groundwater Monitoring – in conjunction with the Site inspections, groundwater samples will be collected on a quarterly basis from Site monitoring wells and piezometers. Groundwater monitoring will be completed in 2012 from the same monitoring points as in 2011 in accordance with the SMP. Groundwater monitoring results will be reported in the next annual PRR submittal.
- Groundwater constituents in groundwater will be reviewed to verify if a trend can be determined.
- Site inspections will continue on a quarterly basis during 2012 and any deficiencies handled in a timely manner.
- Routine OM&M activities should continue on an as-needed basis during 2012.

Mr. David Szymanski
New York State Department of Environmental Conservation
July 2012

- The next PRR submittal, to include the annual OM&M report, should be completed and submitted to NYSDEC by the end of the 1st quarter 2013.

OVERALL PRR CONCLUSIONS

Compliance

Activities completed during 2011 met each of the components of the SMP:

- Site cover system – The Site cover system is currently in place and in full compliance with the SMP. Seeding for the soil cover was not completed until the growing season, and areas that experienced additional construction activities were reseeded to meet SMP requirements. The surface pavements were completed to meet the SMP requirements. At-grade and basement slabs have been maintained to meet the SMP requirements.

Performance and Effectiveness of the Remedy

The condition of the cover system indicates that the remedy is performing effectively.

Future PRR Submittals

It is anticipated that the next PRR will be submitted by the end of the 1st quarter 2013.

CLOSING

Please contact Mr. Daniel Forlastro at (412) 279-6661 with any questions or comments on this submittal.

Sincerely,

AMEC Environment & Infrastructure, Inc.



Eric Weiler
Project Scientist



Daniel Forlastro
Senior Principal Engineer

EW/DF:anw
Attachments

cc: J. Yensan (SBD)
R. Galloway (Honeywell)
G. Pfeiffer (de maximis)
A. Madden (OSC)





ATTACHMENT A

PRR Notice

IC/EC Controls Certification Form



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



Site Details		Box 1	
Site No.	C915231		
Site Name Buffalo Color Corporation Site Area C			
Site Address: 229 Elk Street		Zip Code: 14210	
City/Town: Buffalo			
County: Erie			
Site Acreage: 6.0			
Reporting Period: December 28, 2010 to June 15, 2012			
		YES	NO
1. Is the information above correct?		☒	☐
If NO, include handwritten above or on a separate sheet.			
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.			
5. Is the site currently undergoing development?		☐	☒

		Box 2	
		YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial		☒	☐
7. Are all ICs/ECs in place and functioning as designed?		☒	☐
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.			
A Corrective Measures Work Plan must be submitted along with this form to address these issues.			
_____ Signature of Owner, Remedial Party or Designated Representative		_____ Date	

Box 2A

8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?

YES NO
☐ ☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid?
 (The Qualitative Exposure Assessment must be certified every five years)

☒ ☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C915231

Box 3

Description of Institutional Controls

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
122.12-1-30	South Buffalo Development, LLC	Building Use Restriction Ground Water Use Restriction IC/EC Plan Landuse Restriction Monitoring Plan Site Management Plan Soil Management Plan
122.12-1-35	South Buffalo Development, LLC	Building Use Restriction Ground Water Use Restriction IC/EC Plan Landuse Restriction Monitoring Plan Site Management Plan Soil Management Plan
122.12-1-36	South Buffalo Development, LLC	Building Use Restriction Ground Water Use Restriction IC/EC Plan Landuse Restriction Monitoring Plan Site Management Plan Soil Management Plan

Box 4

Description of Engineering Controls

<u>Parcel</u>	<u>Engineering Control</u>
122.12-1-30	Cover System
122.12-1-35	Cover System
122.12-1-36	Cover System

Engineering Control Details for Site No. C915231

Engineering Control Details for Site No. C915231

Parcel: 122.12-1-30

The Site Management Plan includes:

- An Institutional Controls Plan. Institutional controls at the site will include groundwater use restrictions and use restrictions of the Site to restricted use (i.e. commercial purposes).
- A Soil/Fill Management Plan to assure that future intrusive activities and soil/fill handling at the Site are completed in a safe and environmentally responsible manner.
- A Site Monitoring Plan that includes: provisions for groundwater monitoring; and,
- A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.

Parcel: 122.12-1-35

The Site Management Plan includes:

- An Institutional Controls Plan. Institutional controls at the site will include groundwater use restrictions and use restrictions of the Site to restricted use (i.e. commercial purposes).
- A Soil/Fill Management Plan to assure that future intrusive activities and soil/fill handling at the Site are completed in a safe and environmentally responsible manner.
- A Site Monitoring Plan that includes: provisions for groundwater monitoring; and,
- A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.

Parcel: 122.12-1-36

The Site Management Plan includes:

- An Institutional Controls Plan. Institutional controls at the site will include groundwater use restrictions and use restrictions of the Site to restricted use (i.e. commercial purposes).
- A Soil/Fill Management Plan to assure that future intrusive activities and soil/fill handling at the Site are completed in a safe and environmentally responsible manner.
- A Site Monitoring Plan that includes: provisions for groundwater monitoring; and,
- A Site-wide Inspection program to assure that the Institutional controls have not been altered and remain effective.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

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

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

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

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

South Buffalo Development, LLC

By its Manager SBD Holdings I, Inc.

Jon M. Williams, President SBD Holdings I, Inc.

Signature of Owner, Remedial Party or Designated Representative

July 12, 2012

Date

IC CERTIFICATIONS
SITE NO. C915231

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

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

am certifying as Owner (Owner or Remedial Party)

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

South Buffalo Development, LLC
By its Manager SBD Holdings I, Inc.
Jon M. Williams, President SBD Holdings I, Inc.

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

July 12, 2012
Date

IC/EC CERTIFICATIONS

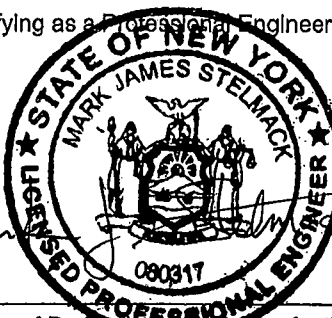
Box 7

Professional Engineer Signature

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

I Mark Stelmack at 511 Congress St., Portland, ME 04101
print name print business address

am certifying as a Professional Engineer for the South Buffalo Development, LLC
(Owner or Remedial Party)


Mark Stelmack

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

Stamp
(Required for PE)

July 12, 2012
Date





ATTACHMENT B

2011 Annual Operation, Maintenance, and Monitoring
Report



2011 ANNUAL OPERATION, MAINTENANCE, AND MONITORING REPORT

Buffalo Color Corporation Area C

NYSDEC Site No. C915231

Buffalo, New York

Submitted to:

The New York State Department of Environmental Conservation
Division of Hazardous Waste Remediation

Submitted by:

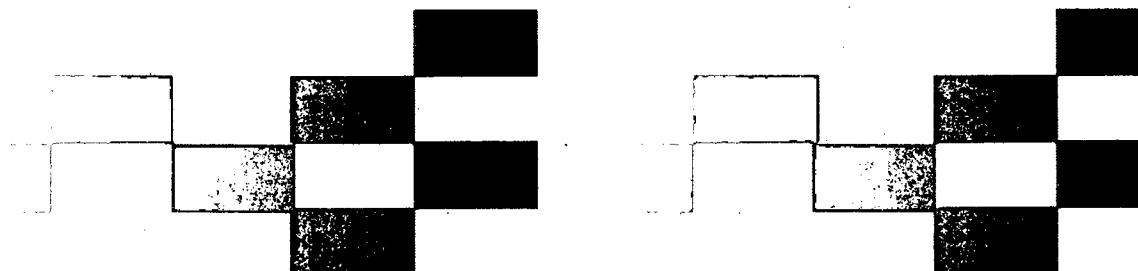
South Buffalo Development LLC
Buffalo, New York

Prepared by:

Amec Environment & Infrastructure, Inc.
800 N. Bell Avenue, Suite 200
Pittsburgh, Pennsylvania 15106
(412) 279-6661

July 2012

Project No. 3410110843





2011 ANNUAL OPERATION, MAINTENANCE, AND MONITORING REPORT

Buffalo Color Corporation Area C

NYSDEC Site No. C915231

Buffalo, New York

July 2012

Project No. 3410110843

This report was prepared by the staff of Amec
Environment & Infrastructure, Inc. under the
supervision of whose signature(s) appear hereon.

A handwritten signature in cursive script, appearing to read "Eric Weiler".

Eric Weiler
Project Scientist

A handwritten signature in cursive script, appearing to read "Daniel Forlastro".

Daniel Forlastro
Senior Principal Engineer

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1.0 INTRODUCTION

South Buffalo Development LLC (SBD) entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in April 2009, to investigate and remediate the 6.03-acre Buffalo Color Corporation Area C Site (Site) located in the City of Buffalo, Erie County, New York. The Site was remediated to restricted commercial or industrial use and will be used for environmentally sustainable commercial/industrial buildings and open space. Following remediation, SBD is performing long-term operation, maintenance, and monitoring (OM&M) at the Site. Amec Environment & Infrastructure (Amec) has prepared this report on behalf of SBD to document the results of the OM&M activities performed. The activities described in this report were completed in accordance with the Site Management Plan (SMP) (Mactec, December 2010).

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

- Excavation and off-Site disposal of 10,527 CY (in-place volume) of volatile organic compound (VOC) contaminated soils from two locations on the northern side of Area C to accomplish mass removal of the source material;
- The addition of a bioremediation enhancement agent (Regenesis ORC-A) to the excavation backfill to promote the bioremediation of residual soil and groundwater contamination at the excavated areas;
- Utilization of an integrated Site-wide cover system consisting of a combination of a minimum 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 prevent potential human exposure to remaining impacted Site soil; and
- Abandonment/plugging of unused process sewers and installation of a new storm sewer infrastructure.

Remedial construction began in October 2010 and was completed in December 2010.

This annual report has been prepared to summarize the OM&M activities completed at the Site from January 1, 2011 through December 31, 2011. Figures showing the Site location and as-

built Site Plan are included as **Appendix A**. It is anticipated that the next annual OM&M report will be submitted by the end of the 1st quarter 2013.

1.1 PROJECT BACKGROUND AND SITE DESCRIPTION

The Buffalo Color Corporation Area C Site is located at 229 Elk Street, in the southern portion of the City of Buffalo, Erie County, New York (**Appendix A**). The Site is situated on a 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 (**Appendix A**). Structures located on Area C include the former Buffalo Color powerhouse (208), boiler house (207), as well as other structures. These structures have been cleared of asbestos and residual chemicals and are anticipated 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. The surrounding area consists of industrial and residential properties.

The Buffalo Color Corporation Area C Site was 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 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. BCC purchased the manufacturing areas A through E, while Allied Chemical retained the acid plant (sold to PVS Chemical, Inc. in 1981), the research and development facility on Area F, and the parking lots on Areas G (Elk Street) and H (Smith Street).

1.2 2011 OM&M ACTIVITIES

OM&M activities conducted at the Site in 2011 included quarterly groundwater monitoring, Site and cover inspections, and routine maintenance activities. These activities are described in detail in Section 2.0 of this report.

2.0 SUMMARY OF 2011 OM&M ACTIVITIES

The annual groundwater sampling and Site inspections were conducted by a representative of SBD. The following sections summarize the OM&M activities completed in 2011.

2.1 GROUNDWATER MONITORING

Groundwater samples were collected from Site monitoring wells on a quarterly basis in 2011 as shown in **Table 1**. Samples were collected by Amec and SBD in the 1st quarter 2011 and by a representative of SBD for the remaining three quarters. The monitoring well locations are shown on the Site Plan in **Appendix A**. Prior to sample collection, field data was collected and documented on field data records for each location and are included in **Appendix B**. The seven wells that were sampled during 2011 included MW-C01, MW-C04, PS-04, PS-05A (PS-05A was installed to replace PS-05 after it was destroyed), PS-06, RFI-20, and RFI-31. The samples were collected and analyzed for target compound list (TCL) VOCs by method 8260B, TCL semivolatile organic compounds (SVOCs) by method 8270C, and target analyte list (TAL) metals by method 6010B including mercury by methods 7470A and 7471A, in accordance with the Site Management Plan (SMP; Mactec, 2010). During sampling, if the turbidity in the sample could not be reduced to below 50 nephelometric turbidity units (NTUs), a dissolved metals sample was collected along with the total metals sample. The results of the sampling are discussed in Section 3.1.

During the sampling event, the depth to water and total well depth were gauged and recorded for each monitoring well prior to purging activities. Monitoring wells were purged and sampled using low-flow techniques, which includes monitoring field measurements such as pH, temperature, conductivity, dissolved oxygen, turbidity, and reduction potential for stabilization prior to sampling. A peristaltic pump with dedicated tubing was used to collect each sample. Quality control (QC) samples collected during each sampling event included a Matrix Spike (MS), Matrix Spike Duplicate (MSD), trip blank, and duplicate sample. A dissolved metals sample was collected for MW-C01 in the second quarter and RFI-31 and MW-C01 in the third quarter based on turbidity monitoring. Immediately upon completion of sample collection, groundwater samples were packed with ice in laboratory coolers and delivered to the laboratory via overnight courier. Chain-of-Custody procedures were followed per the SMP.

After results from the laboratory were received, the data underwent a Level 2 data validation.

Level 2 includes the following data checks and evaluations:

- A review of the data set narrative to identify any issues that the lab reported in the data deliverable;
- A check of sample integrity (sample collection, preservation, and holding times);
- An evaluation of basic QC measurements used to assess the accuracy and precision of data including QC blanks, laboratory control samples (LCS), MS/MSDs, surrogate recovery when applicable, and field or lab duplicate results; and
- A review of sample results, target compounds, and detection limits to verify that project analytical requirements are met.

2.2 SITE AND COVER INSPECTIONS

A Site-wide inspection and a soil cover inspection were completed quarterly by SBD on March 29, June 24, August 22, and December 30, 2011. The inspections were conducted in accordance with the SMP. The engineering controls (soil cover, surface pavements, and at-grade/basement concrete slabs), institutional controls (Site use), OM&M requirements, and Site records were inspected during each event. The results of the inspections are discussed in Section 3.2.

2.3 MAINTENANCE ACTIVITIES

Maintenance activities were performed by SBD on an as-needed basis throughout the year. The following is a summary of the non-routine maintenance activities completed at the Site during the 2011 calendar year:

- Initial seeding of soil cover – June 22nd
- Follow up seeding of soil cover – October 4th
- Reinstallation of monitoring well PS-05 – September 15th
- Installation of storm water sewer – April 4th through June 23rd
- Hard surface paving – September 5th through September 13th

2.4 2011 OM&M PROCEDURE MODIFICATIONS

Groundwater monitoring completed during the 2011 year was modified based on Site conditions as described in the following paragraphs.

During the initial Site groundwater sampling event in March of 2011, it was discovered that MW-C01 was full of debris from construction activities at the Site. Therefore, a groundwater sample was not collected during the first quarter. The monitoring well was cleaned out and was sampled during the subsequent groundwater sampling events.

During the second quarter groundwater sampling event on June 29th, monitoring well PS-04 was purged dry. Therefore, the well was not sampled in the second quarter.

PS-05 was destroyed by construction activities at the Site, presumably during the soil cover installation activities in December 2010. The monitoring well was properly abandoned and replacement well PS-05A was installed by SJB Services, Inc. prior to the third quarter sampling event.

3.0 RESULTS OF 2011 OM&M ACTIVITIES

As discussed previously, SBD completed the 2011 OM&M activities at the Site and the quarterly groundwater sampling. The following sections summarize the results of the OM&M activities.

3.1 GROUNDWATER SAMPLING

The analytical laboratory reports for the quarterly groundwater sampling events are provided on CD in **Appendix C**. The analytical results are summarized on **Table 2**. Data Validation reports are included in **Appendix D**.

Results from the first quarter groundwater sampling event indicated that VOCs, SVOCs, and metals exceeded the New York Water Quality Surface Waters and Groundwater Class GA (NY Class GA) standards. The constituents that exceeded the NY Class GA standards were 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, benzene, chlorobenzene, 2,4-dichlorophenol, 2,4-dimethylphenol, aniline, phenol, arsenic, iron, manganese, and sodium.

Results from the second quarter groundwater sampling event indicated VOCs, SVOCs, and metals exceeded the NY Class GA standards. The constituents that exceeded the NY Class GA standards include 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, benzene, chlorobenzene, 2,4-dimethylphenol, aniline, benzo(a)pyrene, arsenic, chromium, iron, lead, manganese, mercury, and sodium.

Results from the third quarter groundwater sampling event indicated VOCs, SVOCs, and metals exceeded the NY Class GA standards. The constituents that exceeded the NY Class GA standards include 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, benzene, chlorobenzene, 2,4-dimethylphenol, aniline, benzo(a)pyrene, arsenic, barium, chromium, iron, lead, manganese, mercury, and sodium.

Results from the fourth quarter groundwater sampling event indicated VOCs, SVOCs, and metals exceeded the NY Class GA standards. The constituents that exceeded the NY Class GA standards include 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, benzene, chlorobenzene, 2,4-dimethylphenol, aniline, benzo(a)pyrene, arsenic, iron, manganese, and sodium.

At this time, groundwater trends cannot be established due to the minimal amount of available analytical data and because insufficient time has elapsed for the bioremediation enhancement agent, ORC-A, to be effective at eliminating impact.

3.2 SITE INSPECTIONS

Quarterly Site-wide inspections and soil cover inspections were performed by SBD on March 29, June 24, August 22 and December 30, 2011. The inspections were conducted in accordance with the SMP. The engineering controls (soil cover, surface pavements, and at-grade/basement concrete slabs) and institutional controls (Site use) were visually inspected. Copies of the completed inspection checklists are provided in **Appendix E**.

A representative of the NYSDEC participated in the fourth quarter inspection.

3.2.1 March 29, 2011 Inspection

The soil cover and surface pavements were unacceptable during the inspection. The soil cover had light pooling in areas and was missing grass vegetation because the seeding had not been completed. The surface pavement areas had not been completed at the time. No runoff, erosion issues or animal burrows were observed during the inspection. At-grade and basement concrete slabs were acceptable. The Area C storm sewer installation was to be completed shortly after the inspection; the seeding activities were to be completed following the construction activities.

3.2.2 June 24, 2011 Inspection

The soil cover and surface pavements were unacceptable during the inspection. The soil cover had just been seeded following the last of the construction activities at the Site; however, not enough time had passed to allow for the grass to sufficiently grow. No soil erosion, settlement, or animal burrows were observed during the inspection. At-grade and basement concrete slabs were acceptable. The surface pavement areas had not been completed at the time.

3.2.3 August 22, 2011 Inspection

The integrity of the soil and vegetative cover were acceptable during the inspection. The surface pavements had been inspected by a NYSDEC representative and determined to be acceptable. No soil erosion, settlement, or animal burrows were observed during the

inspection. At-grade and basement concrete slabs were acceptable. The Area C storm sewer installation had just been completed prior to the inspections.

3.2.4 October 27, 2010 Inspection

The integrity of the soil and vegetative cover and surface pavements were acceptable during the inspection. No soil erosion, settlement, or animal burrows were observed during the inspection. At-grade and basement concrete slabs were acceptable. Area C structures were boarded to secure the structures.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions were developed based on the data collected during the 2011 OM&M period:

- Based on the results of the quarterly inspection reports, which verify that the integrity of the soil cover is currently satisfactory and vegetation is established, the remedy remains protective for direct contact with impacted soils.
- Insufficient time has elapsed to determine if a decreasing trend in groundwater constituents has been established based on the analytical results from the first year of quarterly groundwater sampling.

The following recommendations were developed based on the data collected during the 2011 OM&M period:

- Groundwater Monitoring – in conjunction with the Site inspections, groundwater samples will be collected on a quarterly basis from Site monitoring wells and piezometers. Groundwater monitoring will be completed in 2012 from the same monitoring points as in 2011 in accordance with the SMP. Groundwater monitoring results will be reported in the next annual PRR submittal.
- Groundwater constituents in groundwater should be looked at to verify if a trend can be determined.
- Site inspections will continue on a quarterly basis during 2012 and any deficiencies handled in a timely manner.
- Routine OM&M activities will continue on an as-needed basis during 2012.
- The next PRR submittal, to include the annual OM&M report, will be completed and submitted to NYSDEC by the end of the 1st quarter 2013.

5.0 REFERENCES

Mactec Engineering and Consulting, Inc., December 2010, Former Buffalo Color Corporation Site - Area C, Erie County, New York, Site Management Plan, NYSDEC Site Number: C915231.

TABLES

Table 1

Quarterly Groundwater Collection Summary - 2011

Buffalo Color Corporation Area C

Buffalo, New York

	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
MW-C01		X	X	X
MW-C04	X	X	X	X
PS-04	X		X	X
PS-05A			X	X
PS-06	X	X	X	X
RFI-20	X	X	X	X
RFI-31	X	X	X	X

Table 2
Quarterly Groundwater Analytical Data - 2011
Buffalo Color Corporation Area C
Buffalo, New York

Sample Name		BCC-AREAC-MW-C04-0311	BCC-AREAC-PS-04-0311	BCC-AREAC-PS-04D-0311	BCC-AREAC-PS-06-0311	BCC-AREAC-RFI-20-0311	BCC-AREAC-RFI-31-0311	BCC-AREAC-MW-C01-0611	BCC-AREAC-MW-C04-0611	BCC-AREAC-PS-06-0611	BCC-AREAC-RFI-20-0611
Sample Date/Time		03/24/2011 12:30:00	03/24/2011 14:30:00	03/24/2011 14:30:00	03/24/2011 09:30:00	03/24/2011 10:50:00	03/24/2011 16:55:00	06/29/2011 20:40:00	06/29/2011 20:05:00	06/29/2011 14:45:00	06/29/2011 18:00:00
Lab Sample ID		480-2955-3	480-2955-4	480-2955-5	480-2955-1	480-2955-2	480-2955-6	480-6787-6	480-6787-3	480-6787-1	480-6787-2
NY Water Quality Standards Surface Waters and Groundwater - Class GA											
Parameter	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Volatile Organic Compounds (VOCs by 8260B)											
1,1,1-Trichloroethane	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
1,1,2,2-Tetrachloroethane	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L		8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
1,1,2-Trichloroethane	ug/L	1	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
1,1-Dichloroethane	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	0.98 J	50 U
1,1-Dichloroethene	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
1,2,4-Trichlorobenzene	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	180	1100 E	6.2	1.0 U	130
1,2-Dibromo-3-Chloropropane	ug/L	0.04	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/L	0.0006	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
1,2-Dichlorobenzene	ug/L	3	8.0 U	1.0 U	1.0 U	10 U	16	7.1	1.2	5.7	1.0 U
1,2-Dichloroethane	ug/L	0.6	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
1,2-Dichloropropane	ug/L	1	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
1,3-Dichlorobenzene	ug/L	3	17	1.0 U	1.0 U	10 U	5.0 U	1000 E	5.7	1.0 U	50 U
1,4-Dichlorobenzene	ug/L	3	29	1.0 U	1.0 U	10 U	5.0 U	69	1.2	30	1.0 U
2-Butanone (MEK, Methyl Ethyl Ketone)	ug/L		80 U	10 U	10 U	100 U	50 U	50 U	10 U	10 U	500 U
2-Hexanone	ug/L		40 U	5.0 U	5.0 U	50 U	25 U	25 U	5.0 U	5.0 U	250 U
4-Methyl-2-pentanone (MIBK, Methyl Isobutyl Ketone)	ug/L		40 U	5.0 U	5.0 U	50 U	25 U	25 U	5.0 U	5.0 U	250 U
Acetone	ug/L		80 U	10 U	10 U	100 U	50 U	50 U	3.7 J	10 U	500 U
Benzene	ug/L	1	8.0 U	1.0 U	1.0 U	10 U	120	9.5	1.0 U	1.0 U	2.7
Bromodichloromethane	ug/L		8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Bromoform	ug/L		8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Bromomethane	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Carbon disulfide	ug/L	60	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Carbon tetrachloride	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Chlorobenzene	ug/L	5	390	1.0 U	1.0 U	10 U	3000 E	680 E	18	390 E	5900 E
Chloroethane	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Chloroform	ug/L	7	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Chloromethane	ug/L		8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
cis-1,2-Dichloroethene	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
cis-1,3-Dichloropropene	ug/L	0.4	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Cyclohexane	ug/L		8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Dibromochloromethane	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Dichlorodifluoromethane	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Ethylbenzene	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Isopropylbenzene	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Methyl acetate	ug/L		8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Methyl tert-butyl ether (Tert-Butyl Methyl Ether)	ug/L		8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Methylcyclohexane	ug/L		8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Methylene Chloride	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	2.5 J	5.0 U	1.0 U	1.0 U	50 U
Styrene	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Tetrachloroethene (PCE)	ug/L		8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Toluene	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
trans-1,2-Dichloroethene	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
trans-1,3-Dichloropropene	ug/L	0.4	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Trichloroethene (TCE)	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Trichlorofluoromethane	ug/L	5	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Vinyl chloride	ug/L	2	8.0 U	1.0 U	1.0 U	10 U	5.0 U	5.0 U	1.0 U	1.0 U	50 U
Xylenes, Total	ug/L		16 U	2.0 U	2.0 U	20 U	10 U	10 U	2.0 U	2.0 U	100 U

newly
dashed
in 1 qtr.

Table 2
Quarterly Groundwater Analytical Data - 2011
Buffalo Color Corporation Area C
Buffalo, New York

		Sample Name	BCC-AREAC-MW-C04-0311	BCC-AREAC-PS-04-0311	BCC-AREAC-PS-04D-0311	BCC-AREAC-PS-06-0311	BCC-AREAC-RFI-20-0311	BCC-AREAC-RFI-31-0311	BCC-AREAC-MW-C01-0611	BCC-AREAC-MW-C04-0611	BCC-AREAC-PS-06-0611	BCC-AREAC-RFI-20-0611
		Sample Date/Time	03/24/2011 12:30:00	03/24/2011 14:30:00	03/24/2011 14:30:00	03/24/2011 09:30:00	03/24/2011 10:50:00	03/24/2011 16:55:00	06/29/2011 20:40:00	06/29/2011 20:05:00	06/29/2011 14:45:00	06/29/2011 18:00:00
		Lab Sample ID	480-2955-3	480-2955-4	480-2955-5	480-2955-1	480-2955-2	480-2955-6	480-6787-6	480-6787-3	480-6787-1	480-6787-2
		NY Water Quality Standards Surface Waters and Groundwater - Class GA										
Parameter	Unit		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Semivolatile Organic Compounds (SVOCs by 8270C)												
2,4,5-Trichlorophenol	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
2,4,6-Trichlorophenol	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
2,4-Dichlorophenol	ug/L	1	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
2,4-Dimethylphenol	ug/L	1	4.7 U		4.7 U		5.0 U		1.8 J		24 U	
2,4-Dinitrophenol	ug/L	1	9.4 U		9.4 U		10 U		47 U		50 U	
2,4-Dinitrotoluene	ug/L	5	4.7 U		4.7 U		5.0 U		24 U		25 U	
2,6-Dinitrotoluene	ug/L	5	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
2-Chloronaphthalene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
2-Chlorophenol	ug/L		1.3 J		4.7 U		5.0 U		0.56 J		24 U	
2-Methylnaphthalene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
2-Methylphenol (o-Cresol)	ug/L		4.7 U		4.7 U		5.0 U		2.4 J		24 U	
2-Nitroaniline	ug/L	5	9.4 U		9.4 U		10 U		47 U		50 U	
2-Nitrophenol	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
3,3'-Dichlorobenzidine	ug/L	5	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
3-Nitroaniline	ug/L	5	9.4 U		9.4 U		10 U		47 U		50 U	
4,6-Dinitro-2-methylphenol	ug/L		9.4 U		9.4 U		10 U		47 U		50 U	
4-Bromophenyl phenyl ether	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
4-Chloro-3-methylphenol	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
4-Chloroaniline	ug/L	5	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
4-Chlorophenyl phenyl ether	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
4-Methylphenol (p-Cresol)	ug/L		9.4 U		9.4 U		10 U		47 U		50 U	
4-Nitroaniline	ug/L	5	9.4 U		9.4 U		10 U		47 U		50 U	
4-Nitrophenol	ug/L		9.4 U		9.4 U		10 U		47 U		50 U	
Acenaphthene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Acenaphthylene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Acetophenone	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Aniline	ug/L	5	9.4 U		9.4 U		10 U		45		47 U	
Anthracene	ug/L		4.7 U		4.7 U		5.0 U		0.47 J		24 U	
Atrazine	ug/L	7.5	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Benzaldehyde	ug/L		4.7 U		4.7 U		5.0 U		0.40 J		24 U	
Benzo(a)anthracene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Benzo(a)pyrene	ug/L	Not Detectable	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Benzo(b)fluoranthene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Benzo(g,h,i)perylene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Benzo(k)fluoranthene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Biphenyl	ug/L	5	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
bis (2-chloroisopropyl) ether	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Bis(2-chloroethoxy)methane	ug/L	5	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Bis(2-chloroethyl)ether	ug/L	1.0	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Bis(2-ethylhexyl) phthalate	ug/L	5	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Butyl benzyl phthalate	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Caprolactam	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Carbazole	ug/L		4.7 U		4.7 U		5.0 U		0.47 J		24 U	
Chrysene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Dibenz(a,h)anthracene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Dibenzofuran	ug/L		9.4 U		9.4 U		10 U		10 U		47 U	
Diethyl phthalate	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Dimethyl phthalate	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Di-n-butyl phthalate	ug/L	50	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Di-n-octyl phthalate	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Fluoranthene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Fluorene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Hexachlorobenzene	ug/L	0.04	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Hexachlorobutadiene	ug/L	0.5	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Hexachlorocyclopentadiene	ug/L	5	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Hexachloroethane	ug/L	5	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Indeno(1,2,3-cd)pyrene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Isophorone	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Naphthalene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Nitrobenzene	ug/L	0.4	4.7 U		4.7 U		5.0 U		5.2 U		24 U	
N-Nitrosodi-n-propylamine	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
N-Nitrosodiphenylamine	ug/L		0.77 J		4.7 U		5.0 U		5.2 U		24 U	
Pentachlorophenol	ug/L	1	9.4 U		9.4 U		10 U		47 U		50 U	
Phenanthrene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	
Phenol	ug/L	1	4.7 U		4.7 U		5.0 U		1.9 J		24 U	
Pyrene	ug/L		4.7 U		4.7 U		5.0 U		5.2 U		24 U	

Table 2
Quarterly Groundwater Analytical Data - 2011
Buffalo Color Corporation Area C
Buffalo, New York

		Sample Name	BCC-AREAC-MW-C04-0311	BCC-AREAC-PS-04-0311	BCC-AREAC-PS-04D-0311	BCC-AREAC-PS-06-0311	BCC-AREAC-RFI-20-0311	BCC-AREAC-RFI-31-0311	BCC-AREAC-MW-C01-0611	BCC-AREAC-MW-C04-0611	BCC-AREAC-PS-06-0611	BCC-AREAC-RFI-20-0611
		Sample Date/Time	03/24/2011 12:30:00	03/24/2011 14:30:00	03/24/2011 14:30:00	03/24/2011 09:30:00	03/24/2011 10:50:00	03/24/2011 16:55:00	06/29/2011 20:40:00	06/29/2011 20:05:00	06/29/2011 14:45:00	06/29/2011 18:00:00
		Lab Sample ID	480-2955-3	480-2955-4	480-2955-5	480-2955-1	480-2955-2	480-2955-6	480-6787-6	480-6787-3	480-6787-1	480-6787-2
		NY Water Quality Standards Surface Waters and Groundwater - Class GA										
Parameter	Unit		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Total Metals (by 6010B ICP and 7470A CVAA for mercury)												
Aluminum	mg/L		0.20 U		1.6		2.2		0.73		0.20 U	
Antimony	mg/L	0.003	0.020 U		0.020 U		0.020 U		0.020 U		0.20 U	
Arsenic	mg/L	0.025	0.010 U		0.010 U		0.037		0.010 U		0.038	
Barium	mg/L	1.000	0.85		0.079		0.081		0.034		0.024	
Beryllium	mg/L		0.0020 U		0.0020 U		0.0020 U		0.0020 U		0.0020 U	
Cadmium	mg/L	0.005	0.0010 U		0.0023		0.0025		0.0010 U		0.0010 U	
Calcium	mg/L		177		234		235		413		212	
Chromium	mg/L	0.050	0.0040 U		0.0044		0.0049		0.0040 U		0.0040 U	
Cobalt	mg/L		0.0040 U		0.016		0.016		0.0040 U		0.0040 U	
Copper	mg/L	0.200	0.010 U		0.11		0.12		0.010 U		0.010 U	
Iron	mg/L	0.300	10.4		7.9		8.1		57.2		7.9	
Lead	mg/L	0.025	0.0050 U		0.0050 U		0.0073		0.0050 U		0.0050 U	
Magnesium	mg/L		12.3		76.2		78.1		187		15.0	
Manganese	mg/L	0.300	1.1		0.21		0.22		1.8		1.3	
Mercury	mg/L	0.0007	0.00020 U		0.00033		0.00048		0.00020 U		0.00020 U	
Nickel	mg/L	0.100	0.010 U		0.085		0.086		0.010 U		0.010 U	
Potassium	mg/L		4.9		6.3		6.5		3.0		7.1	
Selenium	mg/L	0.010	0.015 U		0.015 U		0.015 U		0.015 U		0.015 U	
Silver	mg/L	0.050	0.0030 U		0.0030 U		0.0030 U		0.0030 U		0.0030 U	
Sodium	mg/L	20.000	19.0		30.2		30.5		2780		29.2	
Thallium	mg/L		0.020 U		0.020 U		0.020 U		0.020 U		0.020 U	
Vanadium	mg/L		0.0050 U		0.0050 U		0.0052		0.0050 U		0.0050 U	
Zinc	mg/L		0.010 U		0.46		0.46		0.010 U		0.010 U	
Dissolved Metals (by 6010B ICP and 7470A CVAA for mercury)												
Aluminum	mg/L								0.20 U			
Antimony	mg/L	0.003							0.020 U			
Arsenic	mg/L	0.025							0.010 U			
Barium	mg/L	1.000							0.49			
Beryllium	mg/L								0.0020 U			
Cadmium	mg/L	0.005							0.0010			
Calcium	mg/L								376			
Chromium	mg/L	0.050							0.0040 U			
Cobalt	mg/L								0.0040 U			
Copper	mg/L	0.200							0.010 U			
Iron	mg/L	0.300							0.050 U			
Lead	mg/L	0.025							0.0050 U			
Magnesium	mg/L								103			
Manganese	mg/L	0.300							0.85			
Mercury	mg/L	0.0007							0.00020 U			
Nickel	mg/L	0.100							0.010 U			
Potassium	mg/L								23.7			
Selenium	mg/L	0.010							0.015 U			
Silver	mg/L	0.050							0.0030 U			
Sodium	mg/L	20.000							7310			
Thallium	mg/L								0.020 U			
Vanadium	mg/L								0.0050 U			
Zinc	mg/L								0.045			

NY Standards consist of the Water Quality Standards Surface Waters and Groundwater (Table 1, cf. section 703.5)
Bold and highlighted cells indicate an exceedance of the NY Standards for Class GA groundwater
ug/L - micrograms per Liter
mg/L - milligrams per Liter
U - analyte was not detected above the reporting limit
E - result exceeded calibration range
B - Compound was found in the blank and sample
J - result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
* - LCS or LCSD exceeds the control limits

Table 2
Quarterly Groundwater Analytical Data - 2011
Buffalo Color Corporation Area C
Buffalo, New York

		BCC-AREAC-RFI-31-0611		BCC-AREAC-RFI-31D-0611		BCC-AREA C-MW-C01-0911		BCC-AREA C-MW-C04-0911		BCC-AREA C-PS-04-911		BCC-AREA C-PS-05A-0911		BCC-AREA C-PS-06-0911		BCC-AREA C-RFI-20-0911		BCC-AREA C-RFI-31-0911		BCC-AREA C-RFI-31D-0911	
		06/29/2011 13:30:00		06/29/2011 13:30:00		9/30/11 16:30		9/30/11 13:30		9/30/11 14:30		9/30/11 11:30		9/30/11 10:30		9/30/11 12:30		9/30/11 15:30		9/30/11 15:30	
		480-6787-4		480-6787-5		480-10688-8		480-10688-4		480-10688-5		480-10688-2		480-10688-1		480-10688-3		480-10688-6		480-10688-7	
Parameter	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Volatile Organic Compounds (VOCs by 8260B)																					
1,1,1-Trichloroethane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
1,1,2-Trichloroethane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
1,1-Dichloroethane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
1,1-Dichloroethene	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	ug/L	330	E	310	E	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	34		2000	E	2300	E
1,2-Dibromo-3-Chloropropane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
1,2-Dibromoethane (Ethylene Dibromide)	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	ug/L	2.0		1.8		4.0	U	5.7		1.0	U	41		5.0	U	3.8		8.6		9.4	
1,2-Dichloroethane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
1,2-Dichloropropane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	ug/L	200	E	170	E	4.0	U	21		1.0	U	4.0	U	5.0	U	1.0	U	340		470	
1,4-Dichlorobenzene	ug/L	15		13		4.0	U	36		1.0	U	4.0	U	5.0	U	2.3		34		45	
2-Butanone (MEK, Methyl Ethyl Ketone)	ug/L	10	U	10	U	40	U	10	U	10	U	8.4	J	50	U	10	U	50	U	50	U
2-Hexanone	ug/L	5.0	U	5.0	U	20	U	5.0	U	5.0	U	20	U	25	U	5.0	U	25	U	25	U
4-Methyl-2-pentanone (MIBK, Methyl Isobutyl Ketone)	ug/L	5.0	U	5.0	U	20	U	5.0	U	5.0	U	20	U	25	U	5.0	U	25	U	25	U
Acetone	ug/L	10	U	10	U	40	U	10	U	10	U	40	U	50	U	10	U	50	U	50	U
Benzene	ug/L	2.8		2.6		4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	4.8		17		18	
Bromodichloromethane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Bromoform	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Bromomethane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Carbon disulfide	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Carbon tetrachloride	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Chlorobenzene	ug/L	180	E	170	E	4.0	U	500	E	1.0	U	1200	E	5.0	U	1100	E	1100	E	1100	E
Chloroethane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Chloroform	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Chloromethane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Cyclohexane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Dibromochloromethane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Dichlorodifluoromethane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Ethylbenzene	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Isopropylbenzene	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Methyl acetate	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Methyl tert-butyl ether (Tert-Butyl Methyl Ether)	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Methylcyclohexane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Methylene Chloride	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Styrene	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Tetrachloroethene (PCE)	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Toluene	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
trans-1,2-Dichloroethene	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Trichloroethene (TCE)	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Trichlorofluoromethane	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Vinyl chloride	ug/L	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	4.0	U	5.0	U	1.0	U	5.0	U	5.0	U
Xylenes, Total	ug/L	2.0	U	2.0	U	8.0	U	2.0	U	2.0	U	8.0	U	10	U	2.0	U	10	U	10	U

Table 2
Quarterly Groundwater Analytical Data - 2011
Buffalo Color Corporation Area C
Buffalo, New York

		BCC-AREAC-RFI-31-0611		BCC-AREAC-RFI-31D-0611		BCC-AREA C-MW-C01-0911		BCC-AREA C-MW-C04-0911		BCC-AREA C-PS-04-911		BCC-AREA C-PS-05A-0911		BCC-AREA C-PS-06-0911		BCC-AREA C-RFI-20-0911		BCC-AREA C-RFI-31-0911		BCC-AREA C-RFI-31D-0911	
		06/29/2011 13:30:00		06/29/2011 13:30:00		9/30/11 16:30		9/30/11 13:30		9/30/11 14:30		9/30/11 11:30		9/30/11 10:30		9/30/11 12:30		9/30/11 15:30		9/30/11 15:30	
		480-6787-4		480-6787-5		480-10688-8		480-10688-4		480-10688-5		480-10688-2		480-10688-1		480-10688-3		480-10688-6		480-10688-7	
Parameter	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Semivolatile Organic Compounds (SVOCs by 8270C)																					
2,4,5-Trichlorophenol	ug/L	1.9 J		2.0 J		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		2.7 J		4.0 J	
2,4,6-Trichlorophenol	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
2,4-Dichlorophenol	ug/L	0.57 J		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		0.75 J		25 J		8.7 J	
2,4-Dimethylphenol	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
2,4-Dinitrophenol	ug/L	9.6 U		9.5 U		12 U		9.5 U		9.4 U		11 U		53 U		11 U		11 U		11 U	
2,4-Dinitrotoluene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
2,6-Dinitrotoluene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
2-Chloronaphthalene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
2-Chlorophenol	ug/L	4.1 J		3.8 J		5.9 U		3.4 J		4.7 U		8.2		26 U		9.6		2.6 J		2.8 J	
2-Methylnaphthalene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
2-Methylphenol (o-Cresol)	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
2-Nitroaniline	ug/L	9.6 U		9.5 U		12 U		9.5 U		9.4 U		11 U		53 U		11 U		11 U		11 U	
2-Nitrophenol	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
3,3'-Dichlorobenzidine	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
3-Nitroaniline	ug/L	9.6 U		9.5 U		12 U		9.5 U		9.4 U		11 U		53 U		11 U		11 U		11 U	
4,6-Dinitro-2-methylphenol	ug/L	9.6 U		9.5 U		12 U		9.5 U		9.4 U		11 U		53 U		11 U		11 U		11 U	
4-Bromophenyl phenyl ether	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
4-Chloro-3-methylphenol	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
4-Chloroaniline	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
4-Chlorophenyl phenyl ether	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
4-Methylphenol (p-Cresol)	ug/L	9.6 U		9.5 U		12 U		9.5 U		9.4 U		11 U		53 U		11 U		11 U		11 U	
4-Nitroaniline	ug/L	9.6 U		9.5 U		12 U		9.5 U		9.4 U		11 U		53 U		11 U		11 U		11 U	
4-Nitrophenol	ug/L	9.6 U		9.5 U		12 U		9.5 U		9.4 U		11 U		53 U		11 U		11 U		11 U	
Acenaphthene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Acenaphthylene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Acetophenone	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Aniline	ug/L	9.6 U		9.5 U		12 U		9.5 U		9.4 U		11 U		53 U		11 U		11 U		1.1 J	
Anthracene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Atrazine	ug/L	4.8 U		4.7 U		5.9 U*		4.8 U*		4.7 U*		5.3 U*		26 U*		5.3 U*		5.4 U*		5.4 U*	
Benzaldehyde	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Benzo(a)anthracene	ug/L	4.8 U		4.7 U		0.88 J		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Benzo(a)pyrene	ug/L	4.8 U		4.7 U		0.63 J		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Benzo(b)fluoranthene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Benzo(g,h,i)perylene	ug/L	4.8 U		4.7 U		0.50 J		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Benzo(k)fluoranthene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Biphenyl	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
bis (2-chloroisopropyl) ether	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Bis(2-chloroethoxy)methane	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Bis(2-chloroethyl)ether	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Bis(2-ethylhexyl) phthalate	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Butyl benzyl phthalate	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Caprolactam	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Carbazole	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Chrysene	ug/L	4.8 U		4.7 U		0.71 J		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Dibenz(a,h)anthracene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Dibenzofuran	ug/L	9.6 U		9.5 U		12 U		9.5 U		9.4 U		11 U		53 U		11 U		11 U		11 U	
Diethyl phthalate	ug/L	4.8 U		0.99 J		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		1.7 J		5.1 J	
Dimethyl phthalate	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Di-n-butyl phthalate	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		0.47 J	
Di-n-octyl phthalate	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Fluoranthene	ug/L	4.8 U		4.7 U		1.5 J		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Fluorene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Hexachlorobenzene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Hexachlorobutadiene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Hexachlorocyclopentadiene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Hexachloroethane	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Indeno(1,2,3-cd)pyrene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Isophorone	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Naphthalene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Nitrobenzene	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
N-Nitrosodi-n-propylamine	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
N-Nitrosodiphenylamine	ug/L	4.8 U		4.7 U		5.9 U		1.3 J		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Pentachlorophenol	ug/L	9.6 U		9.5 U		12 U		9.5 U		9.4 U		11 U		53 U		11 U		11 U		11 U	
Phenanthrene	ug/L	4.8 U		4.7 U		1.2 J		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Phenol	ug/L	4.8 U		4.7 U		5.9 U		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	
Pyrene	ug/L	4.8 U		4.7 U		1.4 J		4.8 U		4.7 U		5.3 U		26 U		5.3 U		5.4 U		5.4 U	

Table 2
Quarterly Groundwater Analytical Data - 2011
Buffalo Color Corporation Area C
Buffalo, New York

		BCC-AREAC-RFI-31-0611		BCC-AREAC-RFI-31D-0611		BCC-AREA C-MW-C01-0911		BCC-AREA C-MW-C04-0911		BCC-AREA C-PS-04-911		BCC-AREA C-PS-05A-0911		BCC-AREA C-PS-06-0911		BCC-AREA C-RFI-20-0911		BCC-AREA C-RFI-31-0911		BCC-AREA C-RFI-31D-0911	
		06/29/2011 13:30:00		06/29/2011 13:30:00		9/30/11 16:30		9/30/11 13:30		9/30/11 14:30		9/30/11 11:30		9/30/11 10:30		9/30/11 12:30		9/30/11 15:30		9/30/11 15:30	
		480-6787-4		480-6787-5		480-10688-8		480-10688-4		480-10688-5		480-10688-2		480-10688-1		480-10688-3		480-10688-6		480-10688-7	
Parameter	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Total Metals (by 6010B ICP and 7470A CVAA for mercury)																					
Aluminum	mg/L	0.38		0.38		32.6		0.20 U		0.20 U		2.0		0.20		0.20 U		* 0.25		0.24	
Antimony	mg/L	0.20 U		0.20 U		0.020 U		0.020 U		0.020 U		0.020 U		0.020 U		0.020 U		0.020 U		0.020 U	
Arsenic	mg/L	0.010 U		0.010 U		0.044		0.010 U		0.010 U		0.16		0.065		0.011		0.010 U		0.010 U	
Barium	mg/L	0.042		0.042		1.3		0.81		0.063		0.033		0.030		0.020		0.030		0.031	
Beryllium	mg/L	0.0020 U		0.0020 U		0.0020 U		0.0020 U		0.0020 U		0.0020 U		0.0020 U		0.0020 U		0.0020 U		0.0020 U	
Cadmium	mg/L	0.0010		0.0010		0.0025		0.0010 U		0.0034		0.0010 U		0.0010 U		0.0010 U		0.0010 U		0.0010 U	
Calcium	mg/L	160		161		1300		235		197		225		268		395		386		351	
Chromium	mg/L	0.0070		0.0070		0.10		0.0040 U		0.0040 U		0.0040 U		0.0040 U		0.0040 U		0.0068		0.0074	
Cobalt	mg/L	0.0040 U		0.0040 U		0.030		0.0040 U		0.0074		0.0040 U		0.0040 U		0.0040 U		0.0040 U		0.0040 U	
Copper	mg/L	0.013		0.012		0.10		0.010 U		0.17		0.016		0.010 U		0.010 U		0.010 U		0.010 U	
Iron	mg/L	0.34		0.34		77.0		6.3		0.33		18.3		59.2		4.5		3.1		2.5	
Lead	mg/L	0.0050 U		0.0050 U		0.14		0.0050 U		0.0050 U		0.0088		0.0050 U		0.0050 U		0.0050 U		0.0050 U	
Magnesium	mg/L	49.7		50.1		531		16.9		47.4		13.6		11.4		121		123		108	
Manganese	mg/L	0.42		0.42		1.9		1.3		0.11		0.37		0.31		1.5		0.98		0.98	
Mercury	mg/L	0.00020 U		0.00020 U		0.0011		0.00020 U		0.00020 U		0.00020 U		0.00020 U		0.00020 U		0.00020 U		0.00020 U	
Nickel	mg/L	0.025		0.025		0.081		0.010 U		0.031		0.010 U		0.010 U		0.010 U		0.020		0.020	
Potassium	mg/L	19.1		19.4		37.7		8.4		5.1		15.6		144		7.7		24.4		25.3	
Selenium	mg/L	0.015 U		0.015 U		0.015 U		0.015 U		0.015 U		0.015 U		0.015 U		0.015 U		0.015 U		0.015 U	
Silver	mg/L	0.0030 U		0.0030 U		0.0030 U/L		0.0030 U		0.0030 U		0.0030 U		0.0030 U		0.0030 U		0.0030 U		0.0030 U	
Sodium	mg/L	2000		2010		14400		37.1		14.1		149		228		157		2740		2700	
Thallium	mg/L	0.020 U		0.020 U		0.020 U		0.020 U		0.020 U		0.020 U		0.020 U		0.020 U		0.020 U		0.020 U	
Vanadium	mg/L	0.0050 U		0.0050 U		0.060		0.0050 U		0.0050 U		0.0050 U		0.0050 U		0.0050 U		0.0050 U		0.0050 U	
Zinc	mg/L	0.025		0.026		0.89		0.010 U		0.16		0.054		0.010 U		0.010 U		0.032		0.028	
Dissolved Metals (by 6010B ICP and 7470A CVAA for mercury)																					
Aluminum	mg/L					0.20 U												0.37		0.20 U	
Antimony	mg/L					0.020 U												0.020 U		0.020 U	
Arsenic	mg/L					0.010 U												0.010 U		0.010 U	
Barium	mg/L					1.0												0.015		0.023	
Beryllium	mg/L					0.0020 U												0.0020 U		0.0020 U	
Cadmium	mg/L					0.0013												0.0010 U		0.0010 U	
Calcium	mg/L					1230												156		369	
Chromium	mg/L					0.0040 U												0.0040 U		0.0040 U	
Cobalt	mg/L					0.0052												0.0040 U		0.0040 U	
Copper	mg/L					0.010 U												0.010 U		0.010 U	
Iron	mg/L					2.0												0.050 U		0.050 U	
Lead	mg/L					0.0050 U												0.0050 U		0.0050 U	
Magnesium	mg/L					536												61.0		125	
Manganese	mg/L					1.1 B												0.30 B		0.87 B	
Mercury	mg/L					0.00020 U												0.00020 U		0.00020 U	
Nickel	mg/L					0.012												0.015		0.022	
Potassium	mg/L					29.2												27.7		22.4	
Selenium	mg/L					0.015 U												0.015 U		0.015 U	
Silver	mg/L					0.0030 U												0.0030 U		0.0030 U	
Sodium	mg/L					14000												2240		2560	
Thallium	mg/L					0.020 U												0.020 U		0.020 U	
Vanadium	mg/L					0.0050 U												0.0050 U		0.0050 U	
Zinc	mg/L					0.18												0.010 U		0.034	

NY Standards consist of the Water Quality Standards Surface Water
Bold and highlighted cells indicate an exceedance of the NY Standards
ug/L - micrograms per Liter
mg/L - milligrams per Liter
U - analyte was not detected above the reporting limit
E - result exceeded calibration range
B - Compound was found in the blank and sample
J - result is less than the RL but greater than or equal to the MDL
* - LCS or LCSD exceeds the control limits

Table 2
Quarterly Groundwater Analytical Data - 2011
Buffalo Color Corporation Area C
Buffalo, New York

		BCC-AREA C-MW-C01-1111		BCC-AREA C-MW-C04-1111		BCC-AREA C-PS-04-1111		BCC-AREA C-PS-05A-1111		BCC-AREA C-PS-06-1111		BCC-AREA C-RFI-20-1111		BCC-AREA C-RFI-20D-1111		BCC-AREA C-RFI-31-1111	
		11/25/11 10:00		11/25/11 14:15		11/25/11 13:00		11/25/11 16:47		11/25/11 17:33		11/25/11 15:48		11/25/11 15:48		11/25/11 11:35	
		480-13191-1		480-13191-4		480-13191-3		480-13191-7		480-13191-8		480-13191-5		480-13191-6		480-13191-2	
Parameter	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Volatile Organic Compounds (VOCs by 8260B)																	
1,1,1-Trichloroethane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
1,1,2,2-Tetrachloroethane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
1,1,2-Trichloroethane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
1,1-Dichloroethane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
1,1-Dichloroethene	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
1,2,4-Trichlorobenzene	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	280		280		410	E
1,2-Dibromo-3-Chloropropane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
1,2-Dibromoethane (Ethylene Dibromide)	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
1,2-Dichlorobenzene	ug/L	4.0	U	4.2		1.0	U	11		4.0	U	24		24		4.0	U
1,2-Dichloroethane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
1,2-Dichloropropane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
1,3-Dichlorobenzene	ug/L	4.0	U	16		1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	180	
1,4-Dichlorobenzene	ug/L	4.0	U	29		1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	15	
2-Butanone (MEK, Methyl Ethyl Ketone)	ug/L	40	U	40	U	10	U	40	U	40	U	40	U	40	U	40	U
2-Hexanone	ug/L	20	U	20	U	5.0	U	20	U	20	U	20	U	20	U	20	U
4-Methyl-2-pentanone (MIBK, Methyl Isobutyl Ketone)	ug/L	20	U	20	U	5.0	U	20	U	20	U	20	U	20	U	20	U
Acetone	ug/L	40	U	40	U	10	U	40	U	40	U	40	U	40	U	40	U
Benzene	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0		4.0		4.0	U
Bromodichloromethane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Bromoform	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Bromomethane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Carbon disulfide	ug/L	4.0	U	4.0	U	1.0	U	2.4	J	3.1	J	3.2	J	4.0	U	4.0	U
Carbon tetrachloride	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Chlorobenzene	ug/L	4.0	U	390	J	1.0	U	580	E	4.0	U	2100	E	2100	E	320	
Chloroethane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Chloroform	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Chloromethane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
cis-1,2-Dichloroethene	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
cis-1,3-Dichloropropene	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Cyclohexane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Dibromochloromethane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Dichlorodifluoromethane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Ethylbenzene	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Isopropylbenzene	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Methyl acetate	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Methyl tert-butyl ether (Tert-Butyl Methyl Ether)	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Methylcyclohexane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Methylene Chloride	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Styrene	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Tetrachloroethene (PCE)	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Toluene	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
trans-1,2-Dichloroethene	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
trans-1,3-Dichloropropene	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Trichloroethene (TCE)	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Trichlorofluoromethane	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Vinyl chloride	ug/L	4.0	U	4.0	U	1.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Xylenes, Total	ug/L	8.0	U	8.0	U	2.0	U	8.0	U	8.0	U	8.0	U	8.0	U	8.0	U

Table 2
Quarterly Groundwater Analytical Data - 2011
Buffalo Color Corporation Area C
Buffalo, New York

Parameter	Unit	BCC-AREA C-MW-C01-1111		BCC-AREA C-MW-C04-1111		BCC-AREA C-PS-04-1111		BCC-AREA C-PS-05A-1111		BCC-AREA C-PS-06-1111		BCC-AREA C-RFI-20-1111		BCC-AREA C-RFI-20D-1111		BCC-AREA C-RFI-31-1111	
		11/25/11 10:00		11/25/11 14:15		11/25/11 13:00		11/25/11 16:47		11/25/11 17:33		11/25/11 15:48		11/25/11 15:48		11/25/11 11:35	
		480-13191-1		480-13191-4		480-13191-3		480-13191-7		480-13191-8		480-13191-5		480-13191-6		480-13191-2	
Parameter	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Semivolatile Organic Compounds (SVOCs by 8270C)																	
2,4,5-Trichlorophenol	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		6.6	
2,4,6-Trichlorophenol	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
2,4-Dichlorophenol	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
2,4-Dimethylphenol	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		1.3 J		4.7 U		4.7 U		4.7 U	
2,4-Dinitrophenol	ug/L	9.7 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U	
2,4-Dinitrotoluene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
2,6-Dinitrotoluene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
2-Chloronaphthalene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
2-Chlorophenol	ug/L	4.8 U		0.97 J		4.7 U		4.3 J		4.7 U		2.5 J		1.8 J		3.0 J	
2-Methylnaphthalene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
2-Methylphenol (o-Cresol)	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		1.3 J		4.7 U		4.7 U		4.7 U	
2-Nitroaniline	ug/L	9.7 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U	
2-Nitrophenol	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
3,3'-Dichlorobenzidine	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
3-Nitroaniline	ug/L	9.7 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U	
4,6-Dinitro-2-methylphenol	ug/L	9.7 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U	
4-Bromophenyl phenyl ether	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
4-Chloro-3-methylphenol	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
4-Chloroaniline	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
4-Chlorophenyl phenyl ether	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
4-Methylphenol (p-Cresol)	ug/L	9.7 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U	
4-Nitroaniline	ug/L	9.7 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U	
4-Nitrophenol	ug/L	9.7 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U	
Acenaphthene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Acenaphthylene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Acetophenone	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Aniline	ug/L	9.7 U		9.4 U		9.4 U		9.4 U		11		9.4 U		9.4 U		9.4 U	
Anthracene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Atrazine	ug/L	4.8 U*		4.7 U*		4.7 U*		4.7 U*		4.7 U*		4.7 U*		4.7 U*		4.7 U*	
Benzaldehyde	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Benzo(a)anthracene	ug/L	0.45 J		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Benzo(a)pyrene	ug/L	3.2 J		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Benzo(b)fluoranthene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Benzo(g,h,i)perylene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Benzo(k)fluoranthene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Biphenyl	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
bis (2-chloroisopropyl) ether	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Bis(2-chloroethoxy)methane	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Bis(2-chloroethyl)ether	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Bis(2-ethylhexyl) phthalate	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Butyl benzyl phthalate	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Caprolactam	ug/L	4.8 UJ		4.7 UJ		4.7 UJ		4.7 UJ		4.7 UJ		4.7 UJ		4.7 UJ		4.7 UJ	
Carbazole	ug/L	0.33 J		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Chrysene	ug/L	0.41 J		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Dibenz(a,h)anthracene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Dibenzofuran	ug/L	9.7 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U	
Diethyl phthalate	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		1.7 J	
Dimethyl phthalate	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Di-n-butyl phthalate	ug/L	0.30 J		4.7 U		0.29 J		0.54 J		0.35 J		4.7 U		0.30 J		4.7 U	
Di-n-octyl phthalate	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Fluoranthene	ug/L	3.3 J		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Fluorene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Hexachlorobenzene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Hexachlorobutadiene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Hexachlorocyclopentadiene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Hexachloroethane	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Indeno(1,2,3-cd)pyrene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Isophorone	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Naphthalene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Nitrobenzene	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
N-Nitrosodi-n-propylamine	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
N-Nitrosodiphenylamine	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Pentachlorophenol	ug/L	9.7 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U		9.4 U	
Phenanthrene	ug/L	0.85 J		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Phenol	ug/L	4.8 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	
Pyrene	ug/L	0.69 J		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U		4.7 U	

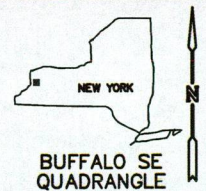
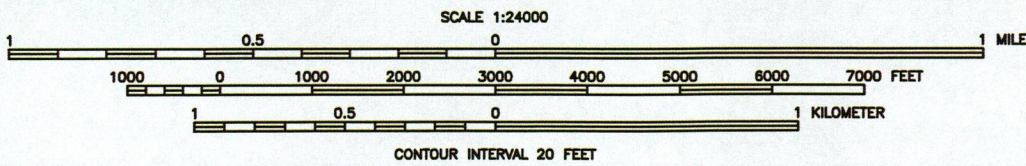
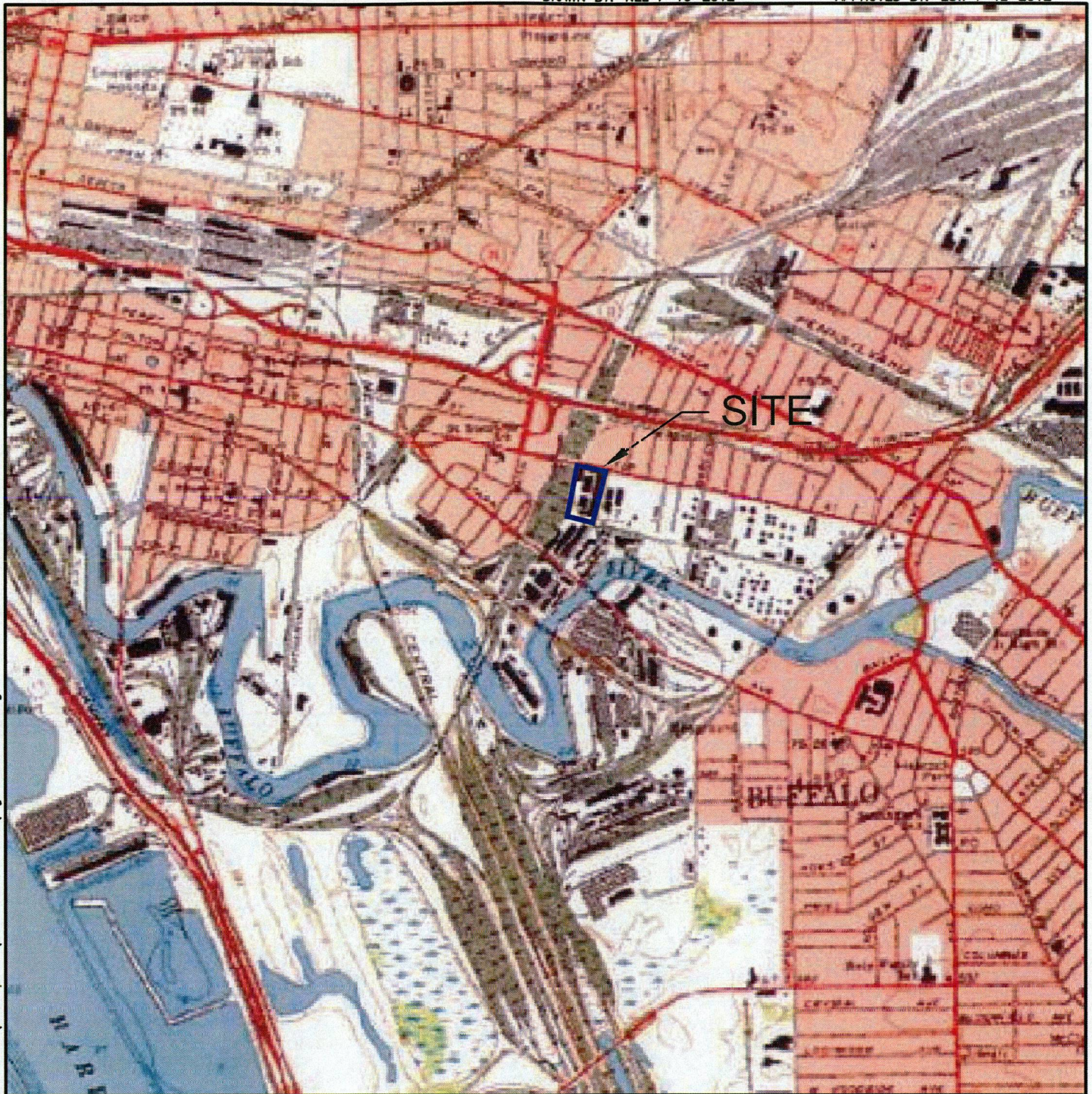
Table 2
Quarterly Groundwater Analytical Data - 2011
Buffalo Color Corporation Area C
Buffalo, New York

		BCC-AREA C-MW-C01-1111		BCC-AREA C-MW-C04-1111		BCC-AREA C-PS-04-1111		BCC-AREA C-PS-05A-1111		BCC-AREA C-PS-06-1111		BCC-AREA C-RFI-20-1111		BCC-AREA C-RFI-20D-1111		BCC-AREA C-RFI-31-1111	
		11/25/11 10:00		11/25/11 14:15		11/25/11 13:00		11/25/11 16:47		11/25/11 17:33		11/25/11 15:48		11/25/11 15:48		11/25/11 11:35	
		480-13191-1		480-13191-4		480-13191-3		480-13191-7		480-13191-8		480-13191-5		480-13191-6		480-13191-2	
Parameter	Unit	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Total Metals (by 6010B ICP and 7470A CVAA for mercury)																	
Aluminum	mg/L	0.44		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Antimony	mg/L	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Arsenic	mg/L	0.018		0.010	U	0.010	U	0.088		0.054		0.010	U	0.010	U	0.010	U
Barium	mg/L	0.95		0.28		0.030		0.019		0.027		0.016		0.016		0.036	
Beryllium	mg/L	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U
Cadmium	mg/L	0.0014		0.0010	U	0.0015		0.0010	U	0.0010	U	0.0010	U	0.0010	U	0.0010	U
Calcium	mg/L	922		277		104		320		281		410		407		264	
Chromium	mg/L	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U
Cobalt	mg/L	0.0056		0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U	0.0040	U
Copper	mg/L	0.010	U	0.010	U	0.12		0.010	U	0.010	U	0.010	U	0.010	U	0.010	U
Iron	mg/L	23.4		8.9		0.17		24.4		64.6		1.2		1.2		0.45	
Lead	mg/L	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U
Magnesium	mg/L	419		22.4		26.9		23.0		11.8		224		216		78.9	
Manganese	mg/L	1.1		2.0		0.050		0.40		0.33		1.8		1.7		1.0	
Mercury	mg/L	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U
Nickel	mg/L	0.010	U	0.010	U	0.013		0.010	U	0.010	U	0.010	U	0.010	U	0.017	
Potassium	mg/L	28.5		7.6		2.2		15.1		139		4.3		4.2		23.6	
Selenium	mg/L	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U
Silver	mg/L	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U	0.0030	U
Sodium	mg/L	13600		33.5		8.3		105		199		229		226		2650	
Thallium	mg/L	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Vanadium	mg/L	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U
Zinc	mg/L	0.033		0.010	U	0.067		0.010	U	0.010	U	0.010	U	0.010	U	0.024	
Dissolved Metals (by 6010B ICP and 7470A CVAA for mercury)																	
Aluminum	mg/L																
Antimony	mg/L																
Arsenic	mg/L																
Barium	mg/L																
Beryllium	mg/L																
Cadmium	mg/L																
Calcium	mg/L																
Chromium	mg/L																
Cobalt	mg/L																
Copper	mg/L																
Iron	mg/L																
Lead	mg/L																
Magnesium	mg/L																
Manganese	mg/L																
Mercury	mg/L																
Nickel	mg/L																
Potassium	mg/L																
Selenium	mg/L																
Silver	mg/L																
Sodium	mg/L																
Thallium	mg/L																
Vanadium	mg/L																
Zinc	mg/L																

NY Standards consist of the Water Quality Standards Surface Water
Bold and highlighted cells indicate an exceedance of the NY Standards
ug/L - micrograms per Liter
mg/L - milligrams per Liter
U - analyte was not detected above the reporting limit
E - result exceeded calibration range
B - Compound was found in the blank and sample
J - result is less than the RL but greater than or equal to the MDL
* - LCS or LCSD exceeds the control limits

APPENDIX A

Site Location and As-Built Site Plan Figures



SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK



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

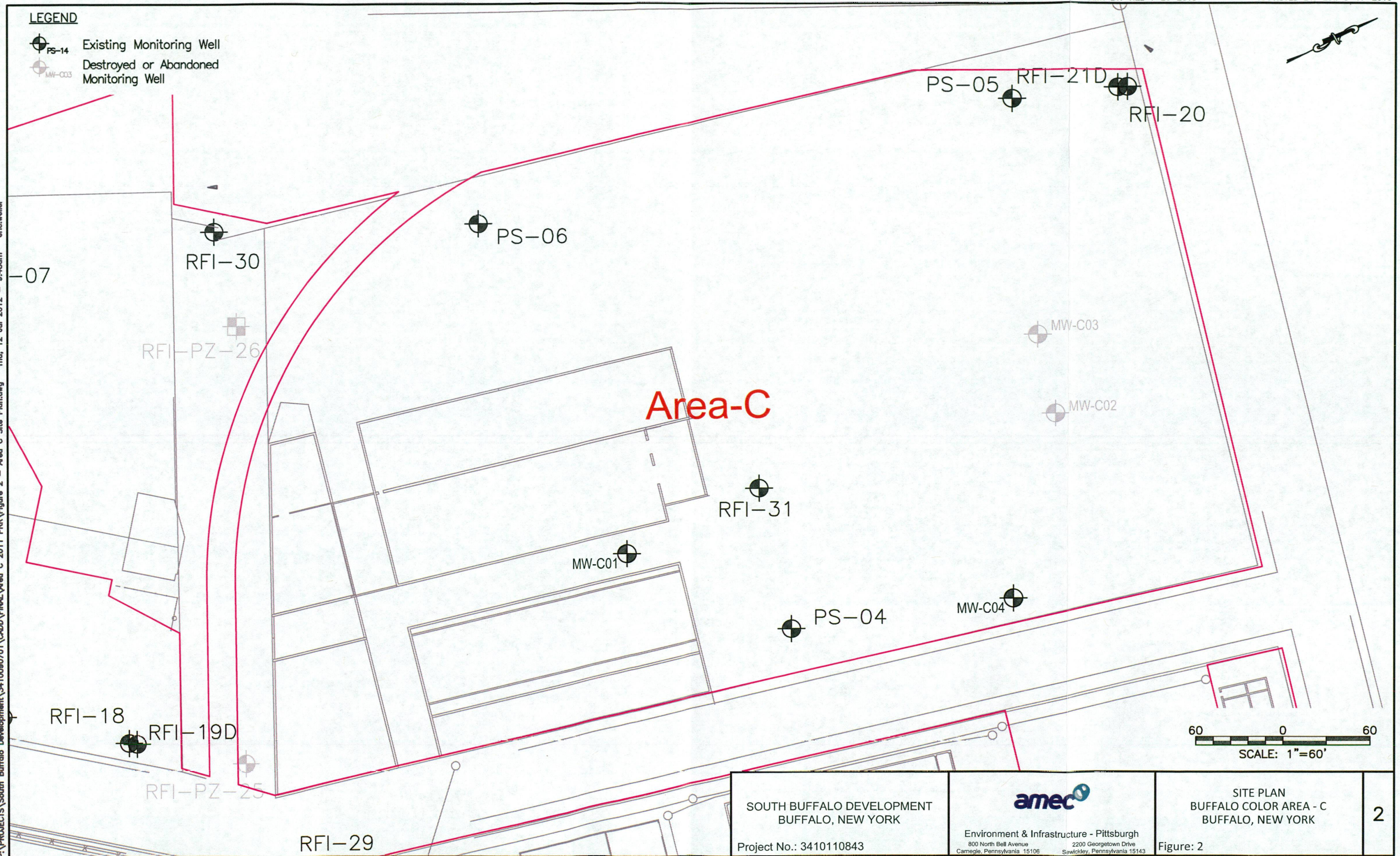
SITE LOCATION MAP
BUFFALO COLOR AREA - C
BUFFALO, NEW YORK

Figure: 1

LEGEND

-  PS-14 Existing Monitoring Well
 MW-C03 Destroyed or Abandoned Monitoring Well

P:\PROJECTS\South Buffalo Development\3410090701\CADD\FINAL\Area C 2011 PRR\Figure 2 - Area C Site Plan.dwg Thu, 12 Jul 2012 - 9:48am eric.weller



SOUTH BUFFALO DEVELOPMENT
BUFFALO, NEW YORK

Project No.: 3410110843



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

SITE PLAN
BUFFALO COLOR AREA - C
BUFFALO, NEW YORK

Figure: 2

ENGINEERING AND INSTITUTIONAL CONTROLS

- Integrated cover system consist of 1 foot of soil /asphalt pavement/concrete pavement/building slabs
- Vapor mitigation/vapor intrusion evaluations must be carried out in new or re-occupied structures and or site redevelopment.
- Use of groundwater in the entire Easement Area is restricted without water quality treatment as may be required by the New York State Department of Health.
- Future Intrusive activities must adhere to the Site Management Plan and associated Site Excavation Plan.
- Evaluation for potential vapor intrusion of any buildings is required.
- Agricultural use in the entire Easement Area is prohibited.

The limits of Integrated Cover System engineering control are approximate and are subject to change pending final construction documentation.

The Integrated Cover System engineering control are subject to change pending future redevelopment of the site. A current as-built survey should be referenced for the documented limits of the Integrated Cover System.

The engineering and institutional controls for this Easement are set forth in the Site Management Plan (SMP). A copy of the SMP must be obtained by any party with an interest in the property. The SMP can be obtained from NYS Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233, or at derweb@gw.dec.state.ny.us

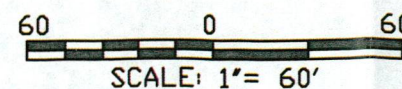
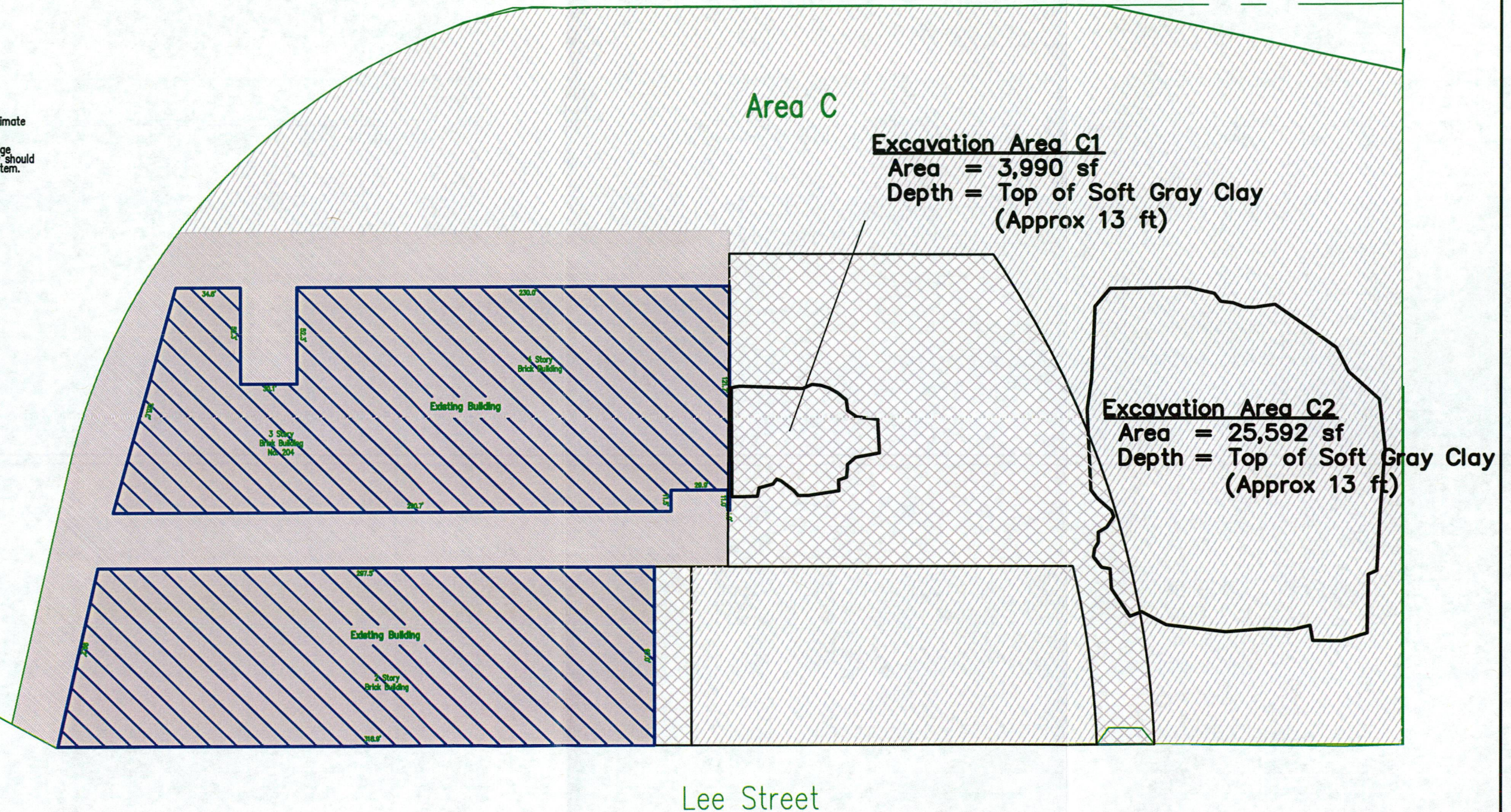
This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the New York Environmental Conservation Law.

REF.: NIAGARA BOUNDARY, 0941 ENG CONTROLS, 9-30-2010.

COVER SYSTEM DETAILS SHOWING TRANSITIONS ARE SHOWN IN APPENDIX L

Approximate Limits of Engineering / Institutional Controls

- Soil Cover With Grass
- Asphalt or Concrete Driveway
- Gravel Cover
- Concrete Pad
- Existing Building



SOUTH BUFFALO DEVELOPMENT, LLC
BUFFALO, NEW YORK

Project No.: 3410090701

MACTEC
Engineering & Consulting Inc.
800 North Bell Avenue, Suite 200
Pittsburgh, PA 15106

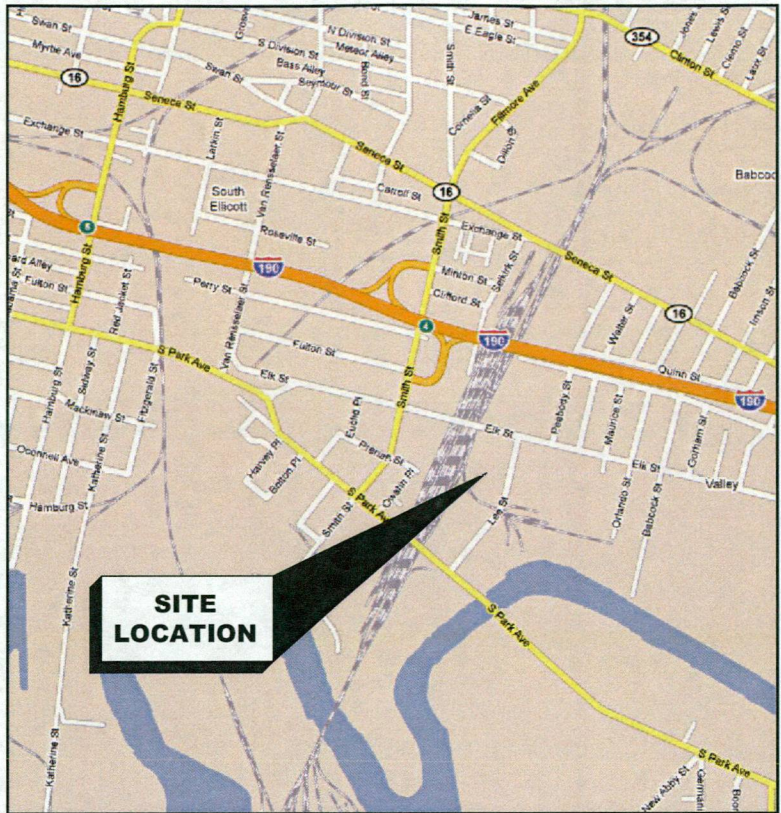
RECORD DRAWING -
AREA C FINAL COVER

FIGURE: 5

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

AREA C DRAINAGE DESIGN

FEBRUARY 2011



LOCATION PLAN

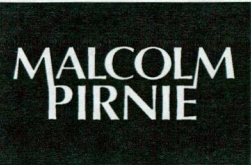
INDEX OF DRAWINGS

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

APPROVED _____

MALCOLM PIRNIE, INC.

MPI PROJECT# 6927001

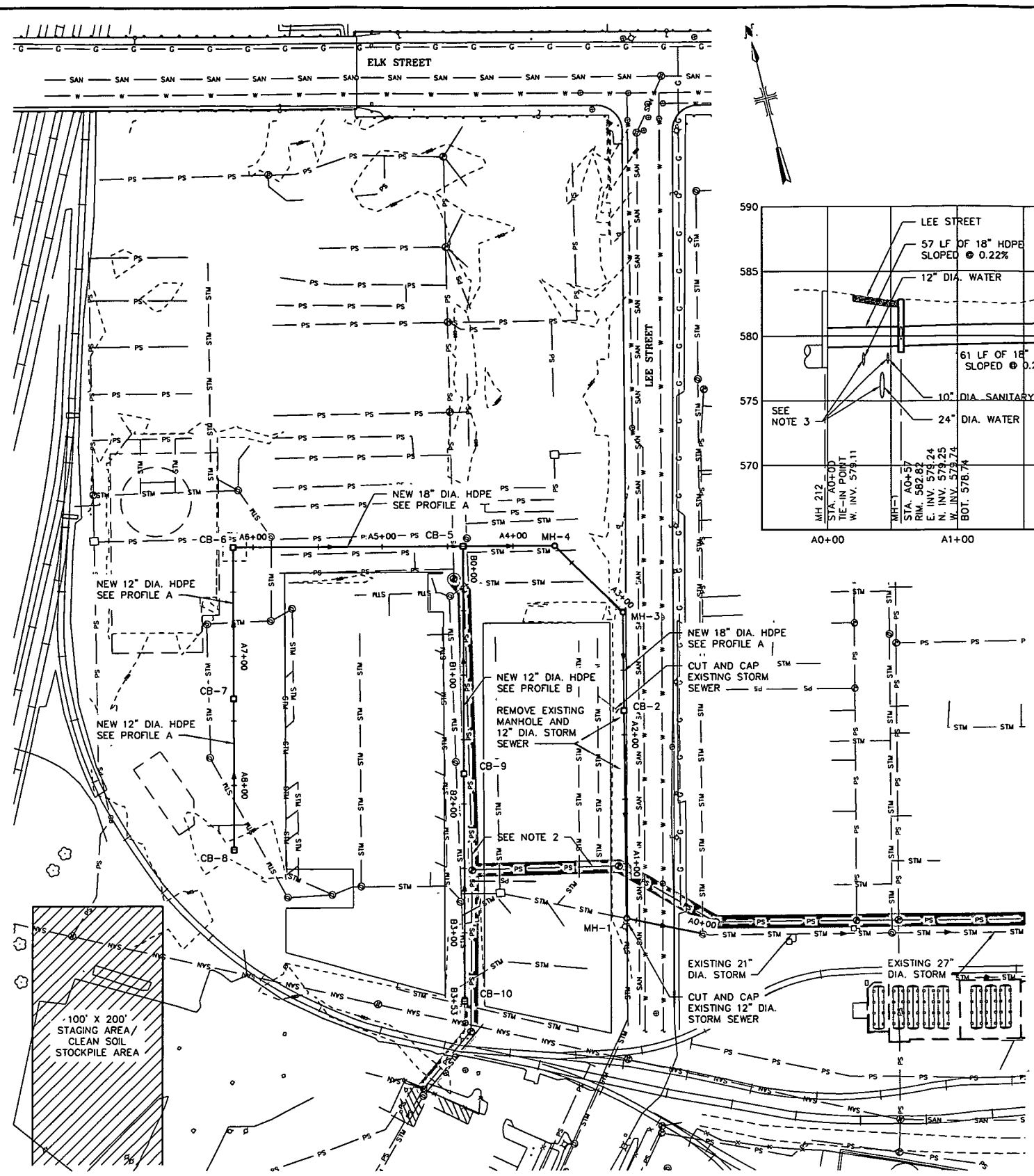


MALCOLM PIRNIE, INC.
50 FOUNTAIN PLAZA, SUITE 600
BUFFALO, NEW YORK 14202

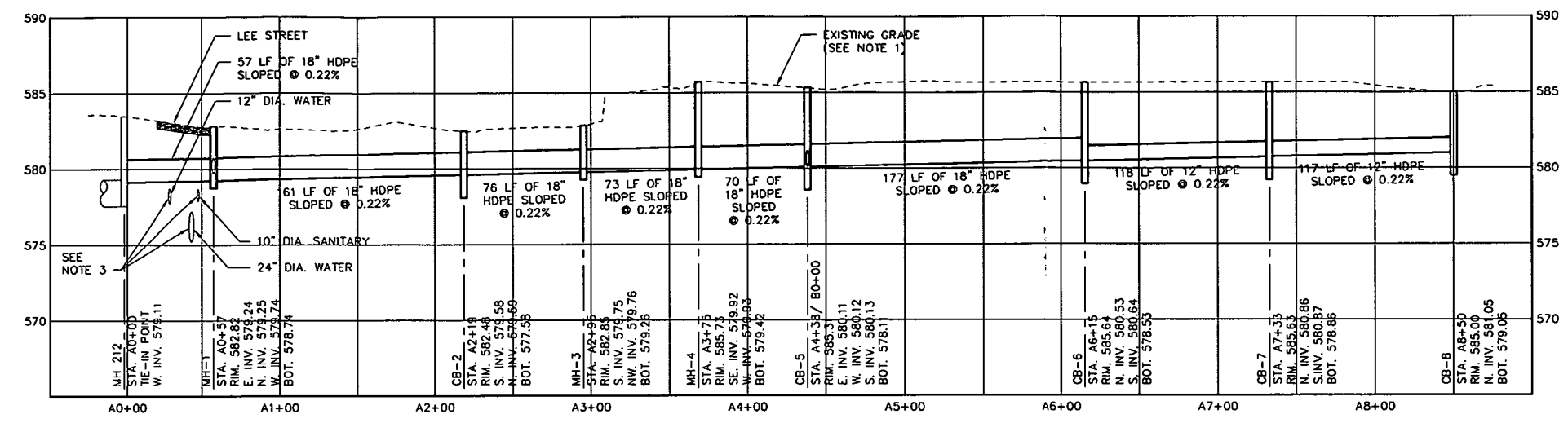
XREFS: \\buffalo-color\images\site\LOCATION_page_1.tif
User: wsl\wsl\wsl Spec: PIRNIE STANDARD File F:\Buffalo Color\GEN\6927001.DWG Scale: 1:1 Date: 02/03/2011 Time: 15:54 Layout: Layout1

WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW,
SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER
THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND
SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED,
THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF
NEW YORK LAW, SECTION 7209.2.

Users: WLSHAWNS, Spec: PIRNIE, STANDARD File: F:\Bulldo Color\6927G002.DWG, Scale: 1" = 50', Date: 02/17/2011, Time: 14:18, Layout: Layout1
XREFS: \VREF\6927PPIPE.dwg, \VREF\6927TUL.dwg, \VREF\6927TOP.dwg, \VREF\6927BASE.dwg, \VREF\6927PPIPE.dwg, \VREF\6927TUL.dwg, \VREF\6927TOP.dwg, \VREF\6927BASE.dwg, \VREF\6927PPIPE.dwg, \VREF\6927TUL.dwg, \VREF\6927TOP.dwg, \VREF\6927BASE.dwg

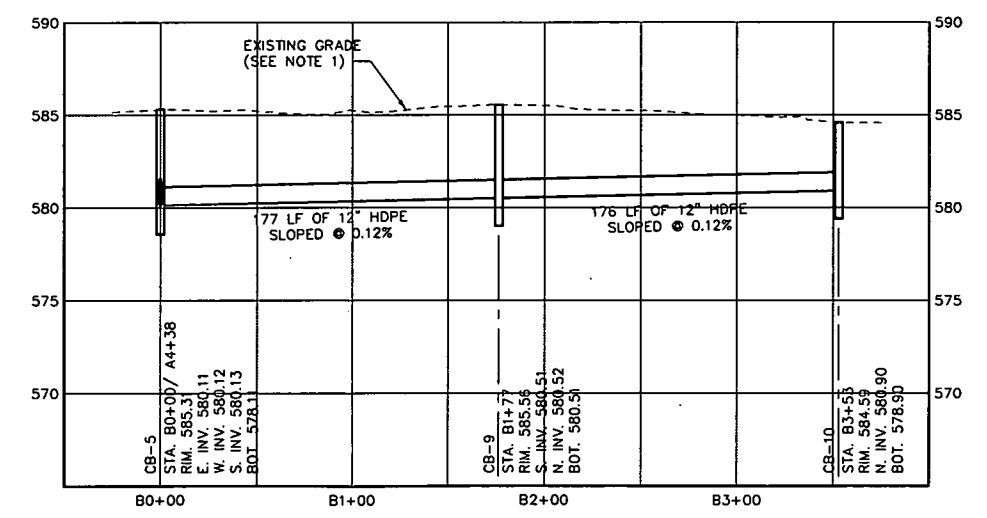


PARTIAL SITE PLAN
SCALE: 1" = 50'

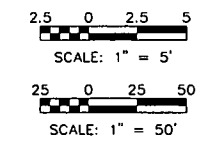


PROFILE A
HORIZ. SCALE: 1" = 50'
VERT. SCALE: 1" = 5'

- LEGEND**
- G — EXISTING GAS LINE
 - PS — EXISTING PROCESS SEWER
 - SAN — EXISTING SANITARY SEWER
 - STM — EXISTING STORM SEWER
 - W — EXISTING WATER LINE
 - CB — NEW CATCH BASIN
 - MH — NEW MANHOLE
 - SS — NEW STORM SEWER
 - F — FLOW DIRECTION
- NOTES:**
- EXISTING GRADE WAS MEASURED PRIOR TO 12" OF CLEAN FILL BEING PLACED ON SITE. OWNER/ CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS PRIOR TO STARTING WORK.
 - SHADED PORTIONS OF EXISTING PROCESS SEWER TO REMAIN IN SERVICE. OWNER/ CONTRACTOR SHALL PROTECT THESE PORTIONS WHEN ENCOUNTERED. ALL OTHER PROCESS SEWERS MAY BE REMOVED AS REQUIRED.
 - EXISTING UTILITIES ARE SHOWN IN THE APPROXIMATE LOCATION. THE ELEVATIONS ARE ASSUMED. OWNER/ CONTRACTOR SHALL FIELD VERIFY ACTUAL ELEVATIONS PRIOR TO STARTING WORK.



PROFILE B
HORIZ. SCALE: 1" = 50'
VERT. SCALE: 1" = 5'



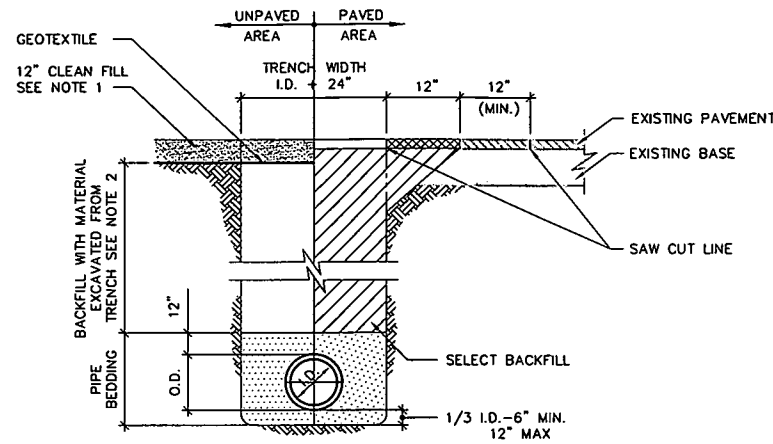
**MALCOLM
PIRNIE**

REVISIONS				DES	CMC
NO.	BY	DATE	REMARKS		
				DWN	MAW
				CKD	TAW

ONTARIO SPECIALTY CONTRACTORS
HONEYWELL/ FORMER BUFFALO COLOR FACILITY
BUFFALO, NEW YORK
AREA C DRAINAGE DESIGN

**PARTIAL SITE PLAN
AND PROFILES**
SCALE: AS NOTED

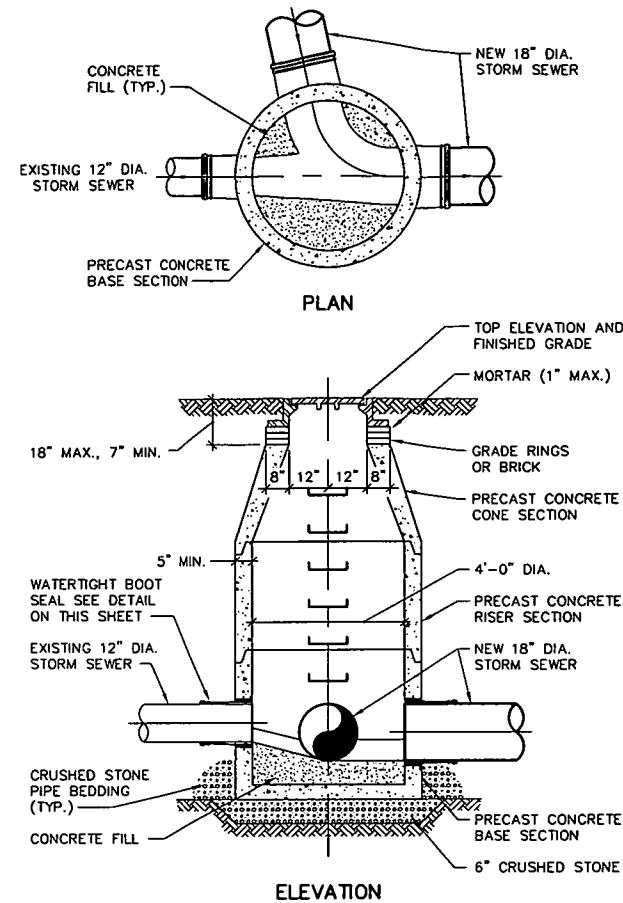
COPYRIGHT © 2011
MALCOLM PIRNIE, INC.
DATE: FEBRUARY 2011
G SHEET 2 OF 3
CAD REF. NO. 6927G002



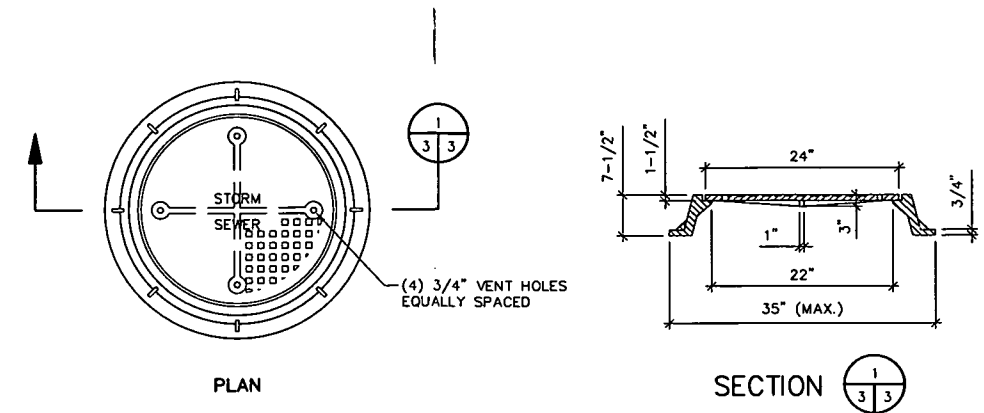
UNPAVED AND PAVED
TRENCH DETAIL
NOT TO SCALE

NOTE:

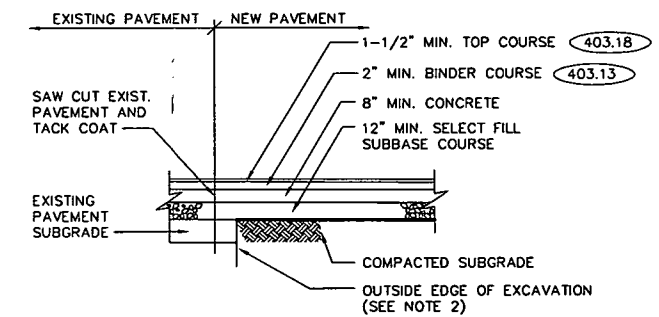
1. THE SITE HAS 12" OF CLEAN FILL ALREADY APPLIED. WHEN EXCAVATING FOR THE PIPE INSTALL, THE CLEAN FILL SHOULD BE EXCAVATED AND STOCK PILED SO IT CAN BE RE-USED. THE STOCKPILE (STAGING AREA) WILL BE IN THE NW CORNER OF AREA B AS SHOWN ON SHEET G-2. IF THE GEOTEXTILE IS ENCOUNTERED, IT SHALL BE REPLACED
2. SOIL MATERIAL BELOW THE 12" CLEAN FILL MAY BE CONTAMINATED AND MUST BE TESTED BEFORE USING AS BACKFILL.



TYPICAL STORM SEWER
MANHOLE DETAIL
NOT TO SCALE



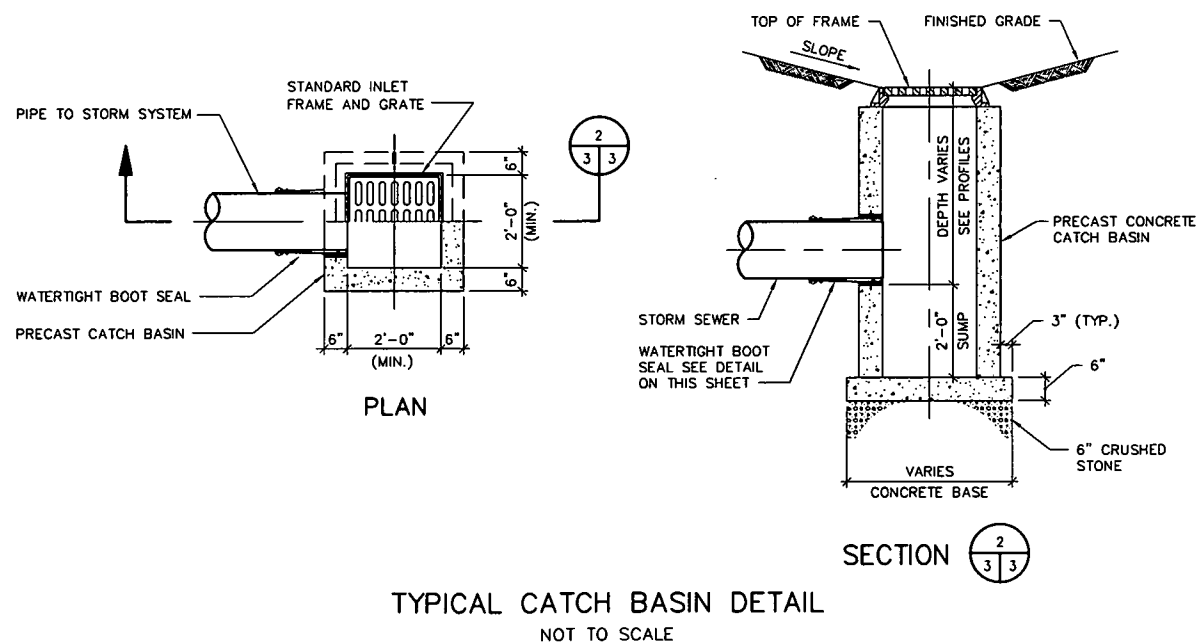
TYPICAL MANHOLE FRAME AND COVER
NOT TO SCALE



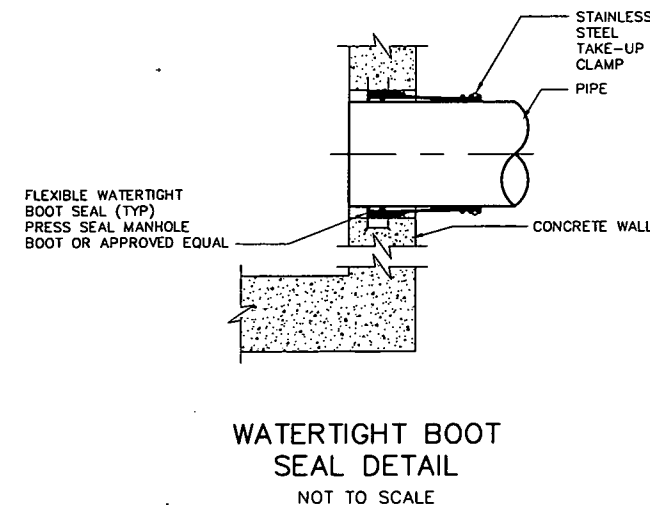
ASPHALT PAVEMENT REPLACEMENT DETAIL
NOT TO SCALE

NOTES:

1. NUMBERS INSIDE OF 403.05 SYMBOL INDICATES NYSDOT ITEM NO.
2. PRIOR TO PAVING OWNER/ CONTRACTOR SHALL BACK CUT AND REMOVE EXISTING PAVEMENT A MINIMUM OF 1' FROM OUTSIDE EDGE OF EXCAVATION.



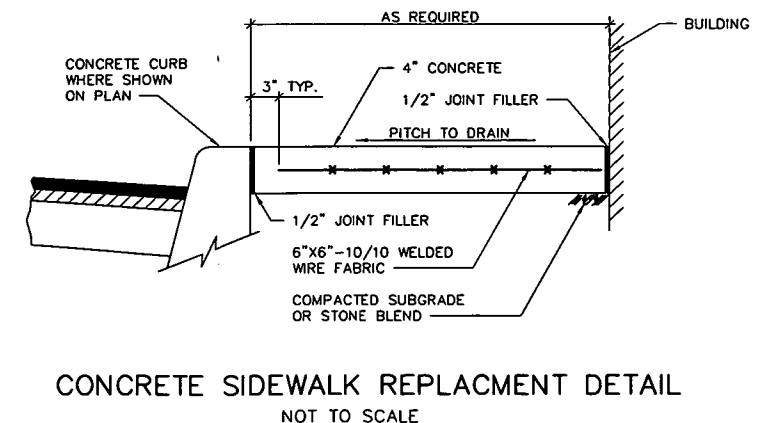
TYPICAL CATCH BASIN DETAIL
NOT TO SCALE



WATERTIGHT BOOT
SEAL DETAIL
NOT TO SCALE

NOTE:

1. TO BE INSTALLED DURING FABRICATION OF CONCRETE WALL



CONCRETE SIDEWALK REPLACEMENT DETAIL
NOT TO SCALE

MALCOLM
PIRNIE

REVISIONS				
NO.	BY	DATE	REVISIONS	REMARKS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

DES CMC
DWN MAW
CKD TAW

ONTARIO SPECIALTY CONTRACTORS
HONEYWELL/ FORMER BUFFALO COLOR FACILITY
BUFFALO, NEW YORK
AREA C DRAINAGE DESIGN

DETAILS

SCALE: AS NOTED

COPYRIGHT © 2011
MALCOLM PIRNIE, INC.
DATE FEBRUARY 2011
G SHEET 3 OF 3
CAD REF. NO. 6927G003

APPENDIX B

Groundwater Field Data Records

MACTEC

031

DATE 3/7 4/11

ESW / Am

MEASUREMENT POINT

☒ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER _____

SCREEN LENGTH	FT
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
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46	46
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68	68
69	69
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80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

[illegible]

TYPE OF PUMP

☐ WAILER
☐ SIMCO BLAODER
☒ GEOPUMP

TYPE OF TUBING

☐ LOW DENSITY POLYETHYLENE
☒ HIGH DENSITY POLYETHYLENE
☐ OTHER

To Be Collected

☐ VOC- ON-SITE LAB

☒ VOC
☒ SVOC
☐ PEST / PCBs
☒ TAL INORGANICS
☐ CYANIDE
☐ Maine DRO
☐ TOC
☐ TSS
☐ TKN
☐ Other _____
☐ Other _____
☐ Other _____

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 361.2

PRESERVATION

METHOD

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME

REQUIRED

2 X 40 mL
3 X 40 mL
2 X 1 L AG
2 X 1 L AG
1 x 1 L P

2 X 1 L AG
2 X 40 ML
1 X 250 mL
1 X 1 L P

SAMPLE

COLLECTED

☐ VOC- ON-SITE LAB
☒ VOC
☒ SVOC
☐ PEST / PCBs
☒ TAL INORGANICS
☐ CYANIDE
☐ Maine DRO
☐ TOC
☐ TSS
☐ TKN
☐
☐
☐

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED ☒ YES ☐ NO

NUMBER OF GALLONS
GENERATED

NOTES

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

SIGNATURE: _____

LOCATION SKETCH

MACTEC

SAMPLERS ES-1 AM

MEASUREMENT POINT
☐ TOP OF WELL RISER
☐ TOP OF PROTECTIVE CASING
☐ OTHER _____

SCREEN LENGTH	FT
---------------	----

WELL DIAMETER	IN
------------------	----

TOTAL VOL. PURGED	GAL
----------------------	-----

[illegible]☐ OTHER

TKM

SIGNATURE:

Collect Sample @ 0930

MACTEC

221

DATE 3/24/18

SAMPLERS	Esu/Am
----------	--------

☒	TOP OF WELL RISER
☐	TOP OF PROTECTIVE CASING
☐	OTHER

TOTAL VOL. PURGED	GAL.
----------------------	------

Final depth to water
5.84'

GALLONS	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. c)	CONDUCTANCE (ms/cm)	pH (units)	DISS. O ₂ (mg/L)	TURBIDITY (ntu)	REDOX (mv)	COMMENTS
		150	5.70	0.711	6.53	6.51	71000	148.8	Unable to fit
		150	5.73	0.722	6.65	5.11	>10000	142.5	taking sand w/L
		150	5.65	0.752	6.77	2.90	500 20	133.5	meter into well
		150	5.85	0.834	6.66	2.22	62	138.2	at same time
		150	5.66	0.854	6.87	1.07	50	125.3	
		150	5.46	0.879	7.00	0.82	62	116.1	
		150	5.57	0.894	7.04	0.79	47	111.8	
		150	5.70	0.913	7.09	0.78	103	164.5	
		150	5.74	0.921	7.12	0.78	91	101.7	
		150	5.73	0.928	7.16	0.63	64	97.8	
		150	5.80	0.939	7.19	0.88	67	92.5	
		150	5.77	0.947	7.25	0.66	62	85.2	
		150	5.62	0.952	7.28	1.08	39	84.6	

☐ OTHER

SIGNATURE:

Collect Sample @ 1430

MACTEC

DATE 3 24/11

DATE 3 24/11

SAMPLERS	ESUO / ALM
----------	------------

MEASUREMENT POINT

☒	TOP OF WELL RISER
☐	TOP OF PROTECTIVE CASING
☐	OTHER

SCREEN LENGTH	FT
------------------	----

WELL DIAMETER 2" IN

TOTAL VOL. PURGED	GAL
----------------------	-----

SPECIFIC

[illegible]

TYPE OF PUMP

☐ WAILER
☐ SIMCO BLADDER
☒ GEOPUMP

TYPE OF TUBING

☐ LOW DENSITY POLYETHYLENE
☒ HIGH DENSITY POLYETHYLENE
☐ OTHER

To Be Collected

☐ VOC- ON-SITE LAB

☒ VOC
☒ SVOC
☐ PEST / PCBs
☒ TAL INORGANICS
☐ CYANIDE
☐ Maine DRO
☐ TOC
☐ TSS
☐ TKN
☐ Other _____
☐ Other _____
☐ Other _____

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION

HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME

2 X 40 ml

3 X 40 mL
2 X 1 L AG
2 X 1 L AG
1 x 1 L P

2 X 1 L AG
2 X 40 ML
1 X 250 mL P
1 X 1 L P

SAMPLE

☐ VOC-ON-SITE LAB

☒ VOC
☒ SVOC
☐ PEST / PCBs
☒ TAL INORGANICS
☐ CYANIDE
☐ Maine DRO
☐ TOC
☐ TSS
☐ TKN
☐
☐
☐

PURGE WATER CONTAINERIZED	☒ YES	☐ NO
------------------------------	--------------------------------------	--------------------------

NUMBER OF GALLONS
GENERATED 2.5

NOTES

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

SIGNATURE: [Signature]

LOCATION SKETCH

Collect Sample @ 1050

FIELD DATA RECORD - GROUNDWATER SAMPLING



PROJECT	Buffalo Color Corporation	SAMPLE I.D. NUMBER	BCC-AREAC-MW-C01-0611	ONTARIO SPECIALTY CONTRACTING, INC.	
WELL ID:	MW - C01	SAMPLING EVENT	2nd Q 2011 OM&M		
TIME	START 20:40 END 22:10	JOB NUMBER	0913-OMM		
				DATE	6/29/2011
				SAMPLERS	Andrew Madden (AM)

WATER LEVEL / PUMP SETTINGS

MEASUREMENT POINT	☒ TOP OF WELL RISER
	☐ TOP OF PROTECTIVE CASING
	☐ OTHER
INITIAL DEPTH TO WATER	7.55 FT
WELL DEPTH	15 FT
WELL DIAMETER	2 IN
TOTAL VOL. PURGED	3.830 GAL
SCREEN LENGTH	10 FT
MEASUREMENT POINT ELEVATION	Unknown FT

PURGE DATA

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 (mv)	COMMENTS
20:40		7.55	200	12.92	39.030	6.98	0.52	390.00	-121.4	- Well was recently rehabilitated by
20:50	0.528	8.72	200	12.89	33.710	7.31	0.35	870.00	-144.9	National Vac high pressure water
21:00	0.528	8.87	200	12.96	31.450	7.37	0.33	1000.00	-146.9	snake.
21:10	0.396	9.24	150	13.05	24.230	7.71	0.31	1000.00	-141.7	
21:20	0.396	9.40	150	13.41	24.900	7.72	0.30	1000.00	-150.3	- Storm sewer install just completed
21:30	0.396	9.50	150	13.43	25.000	7.71	0.26	1000.00	-139.9	within 3ft proximity of well.
21:40	0.396	9.83	150	13.44	24.850	7.69	0.25	1000.00	-138.7	
21:50	0.396	9.95	150	13.35	25.070	7.70	0.31	1000.00	-135.4	- Will have lab filter samples
22:00	0.396	10.25	150	13.32	25.110	7.71	0.33	1000.00	-141.3	
22:10	0.396	10.50	150	13.42	25.150	7.68	0.37	1000.00	-142.5	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	TYPE OF TUBING
☐ WAILER	☐ LOW DENSITY POLYETHYLENE
☐ SIMCO BLADDER	☒ HIGH DENSITY POLYETHYLENE
☒ GEOPUMP	☐ OTHER

ANALYTICAL PARAMETERS

To Be Collected	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
☐ VOC - ONSITE LAB	MOD-8021	HCL / 4 DEG. C	2 X 40 mL	☐ VOC - ONSITE LAB
☒ VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	☒ VOC
☒ SVOC	CLP	4 DEG. C	2 X 1 LAG	☒ SVOC
☐ PEST / PCB's	CLP	4 DEG. C	2 X 1 LAG	☐ PEST / PCB's
☒ TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	☒ TAL INORGANICS
☐ CYANIDE	335.4			☐ CYANIDE
☐ MAINE DRO	MEDEP	HCL / 4 DEG. C	2 X 1 LAG	☐ MAINE DRO
☐ TOC	USEPA 415.1	H2SO4 to pH <2	2 X 40 mL	☐ TOC
☐ TSS	USEPA 160.2	4 DEG. C	1 X 250 mL P	☐ TSS
☐ TKN	USEPA 351.2	H2SO4 to pH <2	1 X 1 LP	☐ TKN
☐ Other				☐
☐ Other				☐
☐ Other				☐

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	3.830
---------------------------	---	-----------------------------	-------

NOTES

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

SIGNATURE:

LOCATION SKETCH

Collect Sample @ 2210

ONTARIO SPECIALTY CONTRACTING, INC.

DATE	6/29/2011
------	-----------

SAMPLERS	Andrew Madden (AM)
----------	--------------------

MEASUREMENT POINT

X	TOP OF WELL RISER
	TOP OF PROTECTIVE CASING
	OTHER

SCREEN LENGTH	10	FT
---------------	----	----

MEASUREMENT POINT ELEVATION

554.24	FT
--------	----

TOTAL VOL. PURGED	1.519	GAL
----------------------	-------	-----

SPECIFIC

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION

METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME

REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL
1 X 1 LP

SAMPLE

COLLECTED
☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

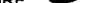
LOCATION SKETCH

PURGE WATER
CONTAINERIZED YES ☒ NO ☐

NUMBER OF GALLONS GENERATED	1.519
--------------------------------	-------

NOTES

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

SIGNATURE: 

Collect Sample @ 2005

ONTARIO SPECIALTY CONTRACTING, INC.

DATE	6/29/2011
------	-----------

SAMPLERS	Andrew Madden (AM)
----------	--------------------

MEASUREMENT POINT	
☒ X	TOP OF WELL RISER
☐	TOP OF PROTECTIVE CASING
☐	OTHER

SCREEN LENGTH	Unknown	FT
---------------	---------	----

MEASUREMENT POINT ELEVATION

587.70	FT
--------	----

TOTAL VOL. PURGED	GAL
----------------------	-----

SPECIFIC

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP

TYPE OF TUBING

☐	LOW DENSITY POLYETHYLENE
☒	HIGH DENSITY POLYETHYLENE
☐	OTHER

To Be Collected

VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION
METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME
REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL P
1 X 1 LP

SAMPLE
COLLECTED

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER CONTAINERIZED YES ☒ NO ☐

YES ☒ NO ☐

NUMBER OF GALLONS GENERATED	
--------------------------------	--

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

SIGNATURE:

LOCATION SKETCH

Collect Sample @

ONTARIO SPECIALTY CONTRACTING, INC.

DATE	6/29/2011
------	-----------

SAMPLERS | Andrew Madden (AM)

MEASUREMENT POINT

X	TOP OF WELL RISER
	TOP OF PROTECTIVE CASING
	OTHER

SCREEN LENGTH	Unknown	FT
---------------	---------	----

MEASUREMENT POINT ELEVATION

587.35 FT

TOTAL VOL. PURGED	GAL
----------------------	-----

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION

METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME

REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL
1 X 1 LP

SAMPLE

COLLECTED
☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER
CONTAINERIZED

YES ☒ NO ☐

NUMBER OF GALLONS
GENERATED

NOTES

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

SIGNATURE:

LOCATION SKETCH

PS-05 was unable to be sampled due to missing riser. Scheduled for replacement after landscaping and before next sampling event.

ONTARIO SPECIALTY CONTRACTING, INC.

DATE	6/29/2011
------	-----------

SAMPLERS	Andrew Madden (AM)
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MEASUREMENT POINT

X	TOP OF WELL RISER
	TOP OF PROTECTIVE CASING
	OTHER

SCREEN LENGTH	5	FT
---------------	---	----

MEASUREMENT POINT ELEVATION

587.67	FT
--------	----

TOTAL VOL. PURGED	2.113	GAL
----------------------	-------	-----

SPECIFIC

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION

METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME

REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL P
1 X 1 LP

SAMPLE

COLLECTED

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER
CONTAINERIZED

YES ☒ NO ☐

NUMBER OF GALLONS
GENERATED

2.113

NOTES

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

SIGNATURE:

Paula F. Hudd

LOCATION SKETCH

Collect Sample @ 1440

ONTARIO SPECIALTY CONTRACTING, INC.

DATE	6/29/2011
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SAMPLERS	Andrew Madden (AM)
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MEASUREMENT POINT	
X	TOP OF WELL RISER
	TOP OF PROTECTIVE CASING
	OTHER

INITIAL DEPTH TO WATER	5.63	FT
WELL DEPTH	12.3	FT
WELL DIAMETER	2	IN
TOTAL VOL. PURGED	1.123	GAL

SCREEN LENGTH	6	FT
---------------	---	----

MEASUREMENT POINT ELEVATION	
587.52	FT

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION

METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME

REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL P
1 X 1 LP

SAMPLE

COLLECTED
☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER CONTAINERIZED YES ☒ NO ☐

NUMBER OF GALLONS GENERATED	1.123
--------------------------------	-------

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

SIGNATURE:

Reda Ghaddar

LOCATION SKETCH

Collect Sample @ 1800

ONTARIO SPECIALTY CONTRACTING, INC.

DATE 6/29/2011

SAMPLERS	Andrew Madden (AM)
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MEASUREMENT POINT	
☒ X	TOP OF WELL RISER
☐	TOP OF PROTECTIVE CASING
☐	OTHER

SCREEN LENGTH	5	FT
---------------	---	----

MEASUREMENT POINT ELEVATION

587.86	FT
--------	----

TOTAL VOL. PURGED	0.793	GAL
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[illegible]

TYPE OF PUMP	
☐	WAILER
☐	SIMCO BLADDER
☒	GEOPUMP

TYPE OF TUBING	
☐	LOW DENSITY POLYETHYLENE
☒	HIGH DENSITY POLYETHYLENE
☐	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION
METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME
REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL F
1 X 1 LP

SAMPLE
COLLECTED

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER
CONTAINERIZED YES ☒ NO ☐

NUMBER OF GALLONS GENERATED	0.793
--------------------------------	-------

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

SIGNATURE:

LOCATION SKETCH

Collect Sample @ 1330

ONTARIO SPECIALTY CONTRACTING, INC.

DATE | 9/30/2011

SAMPLERS	Andrew Madden (AM)
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MEASUREMENT POINT	
☒	TOP OF WELL RISER
☐	TOP OF PROTECTIVE CASING
☐	OTHER

SCREEN LENGTH	5	FT
---------------	---	----

MEASUREMENT POINT ELEVATION

587.67	FT
--------	----

TOTAL VOL. PURGED	1.585	GAL
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[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION

METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME

REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL P
1 X 1 LP

SAMPLE

COLLECTED

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	1.585
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NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE:

André Groulx

LOCATION SKETCH

Collect Sample @ 10:30 am

ONTARIO SPECIALTY CONTRACTING, INC.

DATE 9/30/2011

SAMPLERS | Andrew Madden (AM)

MEASUREMENT POINT

X	TOP OF WELL RISER
	TOP OF PROTECTIVE CASING
	OTHER

SCREEN LENGTH	5	FT
---------------	---	----

MEASUREMENT POINT ELEVATION

588.60 FT

TOTAL VOL. PURGED	1.585	GAL
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SPECIFIC

[illegible]

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

METHOD
NUMBER
MOD-8021

PRESERVATION
METHOD
HCL / 4 DEG. C

VOLUME
REQUIRED
2 X 40 mL

SAMPLE
COLLECTED
VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL P
1 X 1 LP

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

LOCATION SKETCH

PURGE WATER
CONTAINERIZED YES ☒ NO ☐

NUMBER OF GALLONS GENERATED	1.585
--------------------------------	-------

Collect Sample @ 11:30 am

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

SIGNATURE:

André Groulx

ONTARIO SPECIALTY CONTRACTING, INC.

DATE	9/30/2011
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SAMPLERS	Andrew Madden (AM)
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MEASUREMENT POINT	
☒ X	TOP OF WELL RISER
☐	TOP OF PROTECTIVE CASING
☐	OTHER

SCREEN LENGTH	6	FT
---------------	---	----

MEASUREMENT POINT ELEVATION

587.52	FT
--------	----

TOTAL VOL. PURGED	1.255	GAL
----------------------	-------	-----

[illegible]

TYPE OF PUMP		TYPE OF TUBING	
☐	WAILER	☐	LOW DENSITY POLYETHYLENE
☐	SIMCO BLADDER	☒	HIGH DENSITY POLYETHYLENE
☒	GEOPUMP	☐	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION
METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME
REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL P
1 X 1 LP

SAMPLE
COLLECTED

VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER CONTAINERIZED YES ☒ NO ☐

NUMBER OF GALLONS GENERATED	1.255
--------------------------------	-------

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

SIGNATURE:

LOCATION SKETCH

Collect Sample @ 12:30 pm

ONTARIO SPECIALTY CONTRACTING, INC.

DATE	9/30/2011
------	-----------

SAMPLERS | Andrew Madden (AM)

MEASUREMENT POINT	
☒ X	TOP OF WELL RISER
☐	TOP OF PROTECTIVE CASING
☐	OTHER

SCREEN LENGTH	10	FT
---------------	----	----

MEASUREMENT POINT ELEVATION

554.24	FT
--------	----

TOTAL VOL. PURGED	1.849	GAL
----------------------	-------	-----

[illegible]

TYPE OF PUMP

TYPE OF PUMP	
☐	WAILER
☐	SIMCO BLADDER
☒	GEOPUMP

TYPE OF TUBING

TYPE OF POLYMER	
	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION

METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME
REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL P
1 X 1 LP

SAMPLE

COLLECTED
☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER
CONTAINERIZED YES ☒ NO ☐

NUMBER OF GALLONS GENERATED	1.849
--------------------------------	-------

NOTES

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

SIGNATURE:

Paul Grubb

LOCATION SKETCH

Collect Sample @ 1:35 pm

ONTARIO SPECIALTY CONTRACTING, INC.

DATE 9/30/2011

SAMPLERS	Andrew Madden (AM)
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MEASUREMENT POINT	
☒	TOP OF WELL RISER
☐	TOP OF PROTECTIVE CASING
☐	OTHER

SCREEN LENGTH	4.5	FT
---------------	-----	----

MEASUREMENT POINT ELEVATION

587.70	FT
--------	----

1.057 GAL

SPECIFIC

[illegible]

TYPE OF PUMP

TYPE OF PUMP	
☐	WAILER
☐	SIMCO BLADDER
☒	GEOPUMP

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION

METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME

REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL
1 X 1 LP

SAMPLE

COLLECTED

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER CONTAINERIZED YES ☒ NO ☐

NUMBER OF GALLONS GENERATED	1.057
--------------------------------	-------

NOTES

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

SIGNATURE:

Paul F. Hudd

LOCATION SKETCH

Collect Sample @ 2:25 pm

ONTARIO SPECIALTY CONTRACTING, INC.

DATE	9/30/2011
------	-----------

SAMPLERS	Andrew Madden (AM)
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MEASUREMENT POINT	
X	TOP OF WELL RISER
	TOP OF PROTECTIVE CASING
	OTHER

SCREEN LENGTH	5	FT
---------------	---	----

MEASUREMENT POINT ELEVATION

587.86	FT
--------	----

TOTAL VOL. PURGED	0.925	GAL
----------------------	-------	-----

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION

METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME

REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL
1 X 1 LP

SAMPLE

COLLECTED
☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	0.925
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NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE:

LOCATION SKETCH

Collect Sample @ 3:20 pm

DATE	9/30/2011
------	-----------

Andrew Madden (AM)

SAMPLE I.D. NUMBER	BCC-AREAC-MW-C01-0911
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SAMPLING EVENT	3rd Q 2011 OM&M
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JOB NUMBER	0913-OMM
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MEASUREMENT POINT	
X	TOP OF WELL RISER
	TOP OF PROTECTIVE CASING
	OTHER

SCREEN LENGTH	10	FT
---------------	----	----

MEASUREMENT POINT ELEVATION

582.45	FT
--------	----

TOTAL VOL. PURGED	1.255	GAL
----------------------	-------	-----

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION

METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME

REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL
1 X 1 LP

SAMPLE F

COLLECTED

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER
CONTAINERIZED YES ☒ NO ☐

NUMBER OF GALLONS GENERATED	1.255
--------------------------------	-------

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

SIGNATURE:

LOCATION SKETCH

Collect Sample @ 4:30 pm

ONTARIO SPECIALTY CONTRACTING, INC.

DATE	11/25/2011
------	------------

SAMPLERS | Andrew Madden (AM) Tom Wagner (TW)

MEASUREMENT POINT	
☒ X	TOP OF WELL RISER
☐	TOP OF PROTECTIVE CASING
☐	OTHER

SCREEN LENGTH	5	FT
---------------	---	----

MEASUREMENT POINT ELEVATION

587.67 FT

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION

METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME

REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL
1 X 1 LP

SAMPLE

COLLECTED
☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER CONTAINERIZED YES ☒ NO ☐

NUMBER OF GALLONS GENERATED	1.321
--------------------------------	-------

NOTES

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

SIGNATURE:

Paul Grubb

LOCATION SKETCH

Collect Sample @ 5:33 pm

ONTARIO SPECIALTY CONTRACTING, INC.

DATE	11/25/2011
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SAMPLERS	Andrew Madden (AM) Tom Wagner (TW)
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MEASUREMENT POINT	
☒ X	TOP OF WELL RISER
☐	TOP OF PROTECTIVE CASING
☐	OTHER

SCREEN LENGTH	5	FT
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MEASUREMENT POINT ELEVATION

588.60	FT
--------	----

SPECIFIC

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION METHOD

HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME
REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL P
1 X 1 LP

SAMPLE
COLLECTED

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER
CONTAINERIZED YES ☒ NO ☐

NUMBER OF GALLONS GENERATED	1.321
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All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE:

Robert F. Kennedy

LOCATION SKETCH

Collect Sample @ 4:47 pm

OSC

ONTARIO SPECIALTY CONTRACTING, INC.

DATE	11/25/2011
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SAMPLERS Andrew Madden (AM) Tom Wagner (TW)

MEASUREMENT POINT	
X	TOP OF WELL RISER
	TOP OF PROTECTIVE CASING
	OTHER

SCREEN LENGTH	6	FT
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MEASUREMENT POINT ELEVATION

587.52	FT
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587.52	FT
--------	----

SPECIFIC

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION

METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME

REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL P
1 X 1 LP

SAMPLE

COLLECTED
☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER CONTAINERIZED YES ☒ NO ☐

NUMBER OF GALLONS GENERATED	2.378
--------------------------------	-------

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

SIGNATURE:

Robert F. Kennedy

LOCATION SKETCH

Collect Sample @ 3:48 pm

ONTARIO SPECIALTY CONTRACTING, INC.

DATE	11/25/2011
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SAMPLERS	Andrew Madden (AM) Tom Wagner (TW)
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MEASUREMENT POINT	
☒ X	TOP OF WELL RISER
☐	TOP OF PROTECTIVE CASING
☐	OTHER

SCREEN LENGTH	10	FT
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MEASUREMENT POINT ELEVATION

554.24	FT
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TOTAL VOL. PURGED	1.638	GAL
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SPECIFIC

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION METHOD

HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME
REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL P
1 X 1 LP

SAMPLE
COLLECTED

VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER
CONTAINERIZED YES ☒ NO ☐

NUMBER OF GALLONS GENERATED	1.638
--------------------------------	-------

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

SIGNATURE:

André Gribble

LOCATION SKETCH

Collect Sample @ 2:15 pm

ONTARIO SPECIALTY CONTRACTING, INC.

DATE 11/25/2011

SAMPLERS	Andrew Madden (AM) Tom Wagner (TW)
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MEASUREMENT POINT	
X	TOP OF WELL RISER
	TOP OF PROTECTIVE CASING
	OTHER

MEASUREMENT POINT ELEVATION	
587.70	FT

[illegible]

TYPE OF TUBING	
☐	LOW DENSITY POLYETHYLENE
☒	HIGH DENSITY POLYETHYLENE
☐	OTHER

VOC - C

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

LOCATION SKETCH

Collect Sample @ 1:00 pm

SIGNATURE:

ONTARIO SPECIALTY CONTRACTING, INC.

DATE	11/25/2011
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SAMPLERS Andrew Madden (AM) Tom Wagner (TW)

MEASUREMENT POINT	
☒	TOP OF WELL RISER
☐	TOP OF PROTECTIVE CASING
☐	OTHER

SCREEN LENGTH	5	FT
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MEASUREMENT POINT ELEVATION

587.86	FT
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SPECIFIC

[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION

METHOD
HCL / 4 DEG. C

HCL / 4 DEG. C
4 DEG. C
4 DEG. C

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME

REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL
1 X 1 LP

SAMPLE

COLLECTED
☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER
CONTAINERIZED YES ☒ NO ☐

NUMBER OF GALLONS GENERATED	1.321
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NOTES
All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNATURE:

LOCATION SKETCH

Collect Sample @ 10:35 am

ONTARIO SPECIALTY CONTRACTING, INC.

DATE	11/25/2011
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SAMPLERS Andrew Madden (AM) Tom Wagner (TW)

MEASUREMENT POINT	
X	TOP OF WELL RISER
	TOP OF PROTECTIVE CASING
	OTHER

SCREEN LENGTH	10	FT
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MEASUREMENT POINT ELEVATION	
582.45	FT

TOTAL VOL. PURGED	1.658	GAL
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[illegible]

TYPE OF PUMP

	WAILER
	SIMCO BLADDER
X	GEOPUMP

TYPE OF TUBING

	LOW DENSITY POLYETHYLENE
X	HIGH DENSITY POLYETHYLENE
	OTHER

To Be Collected

☐ VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN
	Other
	Other
	Other

METHOD
NUMBER
MOD-8021

8260B
CLP
CLP
CLP
335.4
MEDEP
USEPA 415.1
USEPA 160.2
USEPA 351.2

PRESERVATION

METHOD
HCL / 4 DEG. C

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

HCL / 4 DEG. C
H2SO4 to pH <2
4 DEG. C
H2SO4 to pH <2

VOLUME
REQUIRED
2 X 40 mL

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

2 X 1 LAG
2 X 40 mL
1 X 250 mL P
1 X 1 LP

SAMPLE
COLLECTED

VOC - ONSITE LAB

X	VOC
X	SVOC
	PEST / PCB's
X	TAL INORGANICS
	CYANIDE
	MAINE DRO
	TOC
	TSS
	TKN

PURGE WATER CONTAINERIZED	YES ☒ NO ☐	NUMBER OF GALLONS GENERATED	1.658
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NOTES

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

SIGNATURE:

André Groulx

LOCATION SKETCH

Collect Sample @ 10:00 am

APPENDIX C

Analytical Laboratory Reports (CD)



APPENDIX D

Data Validation Report

**DATA VALIDATION SUMMARY REPORT
2011 GROUNDWATER MONITORING
HONEYWELL – BUFFALO COLOR AREA C
BUFFALO, NEW YORK**

1.0 INTRODUCTION

Data validation was completed on groundwater samples collected from May 2011 through November 2011. Samples were analyzed by TestAmerica Laboratories in Buffalo, New York (TAL-Buffalo) and reported in data sets 480-2955, 480-6787, 480-10688, and 480-13191. A summary of samples included in this review is presented on Table 1. The following U.S. Environmental Protection Agency (USEPA) analytical methods (USEPA, 1996) were performed:

- Volatile organic compounds (VOCs) by USEPA Method SW846 8260B
- Semivolatile organic compounds (SVOCs) by USEPA Method SW846 8270C
- Metals by USEPA Method 6010B/7470A

Data validation was completed by the AMEC project chemist in accordance with the Honeywell Remediation program Level II data validation procedures described in the Quality Assurance Project Plan (QAPP) (MACTEC, 2006). Data validation was completed using general procedures in USEPA validation guidelines (USEPA, 2004; USEPA, 2008a; USEPA, 2008b). Laboratory quality control (QC) limits were used when assessing precision and accuracy.

An initial Level II data validation step was completed using the Locus Technology EIM system. The EIM system has a computerized data validation module that performs data validation for QC checks specified by Honeywell for Level II validation. Sample results and associated QC data were compared to laboratory limits. The EIM assigns validation reason codes to all results that are associated with QC measurements outside project QC goals, and the validation module applies data validation qualifiers to the final results. The data qualification actions are reviewed by the project chemist prior to accepting the final data.

During the Level II data validation the following data quality indicators were reviewed:

- Case Narrative
- Sample Collection and Holding Times
- QC Blanks
- Laboratory Control Samples (LCS)
- Matrix Spike/Matrix Spike Duplicates (MS/MSD)
- Laboratory and Field Duplicates
- Surrogate Spikes
- Reporting Limits
- Data Completeness
- Electronic Data Verification

Data qualifications were completed if necessary in accordance with the validation guidelines and professional judgment using the following qualifiers:

J = The reported concentration is considered an estimated value

U = The target compound was not detected above the reporting limit

UJ = The target compound was not detected and the reporting limit is considered to be estimated

A summary of qualification actions are presented on Table 2. Validation reason codes are associated with results that are qualified during validation. Final results are presented on Table 3.

2.0 DATA VALIDATION ACTIONS AND OBSERVATIONS

With the exception of the items discussed below, QC parameters and measurements checked during validation met requirements in the analytical method, validation guidelines, and quality assurance (QA) plan goals. Unless specified below, results are usable without qualification.

2.1 VOCs

QC Blanks

480-13191 – Chloroform was detected in the method blank associated with all samples at a concentration less than the reporting limit. Chloroform was detected below the reporting limit in associated samples BCC-AREAC-RFI-20-1111 and BCC-AREAC-PS-06-1111 and was qualified as not detected (U) at the reporting limit.

MS/MSD

480-10688 – The MS/MSD associated with sample BCC-AREAC-PS-06-0911 had percent recoveries less than the lower laboratory QC limit of 66 for bromoform (62/62), which may indicate low bias. Bromoform was not detected in sample BCC-AREAC-PS-06-09111 and was qualified as estimated (UJ).

480-13191 – The MS/MSD associated with sample BCC-AREAC-MW-C04-1111 had percent recoveries less than the lower laboratory QC limit of 66 for chlorobenzene (-134/-130), which may indicate low bias. The unspiked sample concentration of 390 µg/L was almost four times the spiking concentration of 100 µg/L. Based on professional judgment, the detection of chlorobenzene in sample BCC-AREAC-MW-C04-1111 was qualified as estimated (J)

Reporting Limits

480-2955 – Samples BCC-AREAC-RFI-20-0311, BCC-AREAC-MW-C04-0311, BCC-AREAC-RFI-31-0311, and BCC-AREAC-PS-06-0311 were analyzed at dilution due to high concentrations of target compounds or matrix interference. Reporting limits for target compounds that were not detected in the samples are elevated due to dilution.

480-6787 – Samples BCC-AREAC-MW-C04-0611 and BCC-AREAC-RFI-20-0611 were analyzed at dilution due to high concentrations of target compounds. Reporting limits for target compounds that were not detected in the samples are elevated due to dilution.

480-10688 – Samples BCC-AREAC-PS-06-0911, BCC-AREAC-PS-05A-0911, BCC-AREAC-RFI-31-0911, BCC-AREAC-RFI-31D-0911, and BCC-AREAC-MW-C01-0911 were analyzed at dilution due to high concentrations of target compounds or matrix interference. Reporting limits for target compounds that were not detected in the samples are elevated due to dilution.

480-13191 – Samples BCC-AREAC-MW-C01-1111, BCC-AREAC-RFI-31-1111, BCC-AREAC-MW-C04-1111, BCC-AREAC-RFI-20-1111, BCC-AREAC-RFI-20D-1111, BCC-AREAC-PS-05A-1111, and BCC-AREAC-PS-06-1111 were analyzed at dilution due to high concentrations of target compounds or matrix interference. Reporting limits for target compounds that were not detected in the samples are elevated due to dilution.

2.2 SVOCs

QC Blanks

480-2955 – Di-n-butyl phthalate was reported in the method blank associated with all samples at a concentration less than the reporting limit. Di-n-butyl phthalate was detected below the reporting limit in associated sample BCC-AREAC-PS-06-0311 and was qualified as not detected (U) at the reporting limit.

480-6787 – Di-n-butyl phthalate was reported in the method blank associated with all samples at a concentration less than the reporting limit. Di-n-butyl phthalate was detected below the reporting limit in associated samples BCC-AREAC-PS-06-0611, BCC-AREAC-RFI-31-0611, BCC-AREAC-RFI-31D-0611, and BCC-AREAC-MW-C01-0611 and was qualified as not detected (U) at the reporting limit.

LCS

480-13191 – The LCS associated with all samples had a percent recovery less than the lower laboratory QC limit of 30 for caprolactam (28), which may indicate low bias. Caprolactam was not detected in associated samples and reporting limits were qualified estimated (UJ).

MS/MSD

480-2955 – The MS/MSD associated with sample BCC-AREAC-RFI-31-0311 had percent recoveries below the lower laboratory QC limit of 69 for bis(2-ethylhexyl)phthalate (64/61), which may indicate low bias. Bis(2-ethylhexyl)phthalate was not detected in sample BCC-AREAC-RFI-31-0311 and the reporting limit was qualified as estimated (UJ).

Laboratory and Field Duplicates

480-10688 – The relative percent difference (RPD) between sample BCC-AREAC-RFI-31-0911 and its field duplicate BCC-AREAC-RFI-31D-0911 was outside the QC limit of 50 for 2,4-dichlorophenol (96). Results for 2,4-dichlorophenol in samples BCC-AREAC-RFI-31-0911 and BCC-AREAC-RFI-31D-0911 were qualified as estimated (J).

July 12, 2012

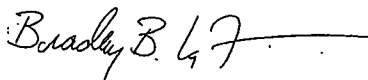
Reporting Limits

480-2955 – Samples BCC-AREAC-RFI-20-0311 and BCC-AREAC-RFI-31-0311 were analyzed at dilution due to high concentrations of target compounds or matrix interference. Reporting limits for target compounds that were not detected in the samples are elevated due to dilution.

480-10688 – Sample BCC-AREAC-PS-06-0911 was analyzed at dilution due to matrix interference. Reporting limits for target compounds that were not detected in the sample are elevated due to dilution.

2.3 Metals

No data quality issues were identified and results are interpreted to be usable as reported by the lab.



Data Validator: Bradley B. LaForest, NRCC-EAC

July 11, 2012



Senior Chemist: Christian S. Ricardi, NRCC-EAC

July 12, 2012

References:

MACTEC, 2006. "Buffalo Color Quality Assurance Project Plan"; Appendix D – Quality Assurance/Quality Control, 2006.

U.S. Environmental Protection Agency (USEPA), 1996. "Test Methods for Evaluating Solid Waste"; Laboratory Manual Physical/Chemical Methods; Office of Solid Waste and Emergency Response; Washington, DC; SW-846; November 1986; Revision 4 -December 1996.

USEPA, 2004. "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review"; Office of Superfund Remediation and Technology Innovation; EPA-540-R-04-004; October 2004.

U.S. Environmental Protection Agency (USEPA) Region II, 2008a. "Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B"; SOP No. HW-24, Revision 2; August 2008.

U.S. Environmental Protection Agency (USEPA) Region II, 2008b. "Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D"; SOP No. HW-22, Revision 4; August 2008.

Table 1
Data Validation Summary Report
2011 Groundwater Monitoring
Honeywell - Buffalo Color Area C
Buffalo, New York

Sample ID	Sample Date	QC code	SDG	Filtered Method Lab Sample ID	N SW8260 VOC	N SW8270 SVOC	N SW6010 metals	N SW7470 Hg	Y SW6010 metals	Y SW7470 Hg
BCC-AREA C-MW-C01-0911	9/30/2011	REG	480-10688-1	480-10688-8	48	66	22	1	22	1
BCC-AREA C-MW-C04-0911	9/30/2011	REG	480-10688-1	480-10688-4	47	66	22	1		
BCC-AREA C-MW-C04-0911	9/30/2011	REG	480-10688-1	480-10688-4DIL	1					
BCC-AREA C-PS-04-911	9/30/2011	REG	480-10688-1	480-10688-5	48	66	22	1		
BCC-AREA C-PS-05A-0911	9/30/2011	REG	480-10688-1	480-10688-2	47	66	22	1		
BCC-AREA C-PS-05A-0911	9/30/2011	REG	480-10688-1	480-10688-2DIL	1					
BCC-AREA C-PS-06-0911	9/30/2011	REG	480-10688-1	480-10688-1	48	66	22	1		
BCC-AREA C-RFI-20-0911	9/30/2011	REG	480-10688-1	480-10688-3	47	66	22	1		
BCC-AREA C-RFI-20-0911	9/30/2011	REG	480-10688-1	480-10688-3DIL	1					
BCC-AREA C-RFI-31-0911	9/30/2011	REG	480-10688-1	480-10688-6	46	66	22	1	22	1
BCC-AREA C-RFI-31-0911	9/30/2011	REG	480-10688-1	480-10688-6DIL	2					
BCC-AREA C-RFI-31D-0911	9/30/2011	REG	480-10688-1	480-10688-7	46	66	22	1	22	1
BCC-AREA C-RFI-31D-0911	9/30/2011	REG	480-10688-1	480-10688-7DIL	2					
TRIP BLANK	9/30/2011	TB	480-10688-1	480-10688-9	48					
BCC-AREA C-MW-C01-1111	11/25/2011	REG	480-13191-1	480-13191-1	48	66	22	1		
BCC-AREA C-MW-C04-1111	11/25/2011	REG	480-13191-1	480-13191-4	48	66	22	1		
BCC-AREA C-PS-04-1111	11/25/2011	REG	480-13191-1	480-13191-3	48	66	22	1		
BCC-AREA C-PS-05A-1111	11/25/2011	REG	480-13191-1	480-13191-7	47	66	22	1		
BCC-AREA C-PS-05A-1111	11/25/2011	REG	480-13191-1	480-13191-7DIL	1					
BCC-AREA C-PS-06-1111	11/25/2011	REG	480-13191-1	480-13191-8	48	66	22	1		
BCC-AREA C-RFI-20-1111	11/25/2011	REG	480-13191-1	480-13191-5	47	66	22	1		
BCC-AREA C-RFI-20-1111	11/25/2011	REG	480-13191-1	480-13191-5DIL	1					
BCC-AREA C-RFI-20D-1111	11/25/2011	REG	480-13191-1	480-13191-6	47	66	22	1		
BCC-AREA C-RFI-20D-1111	11/25/2011	REG	480-13191-1	480-13191-6DIL	1					
BCC-AREA C-RFI-31-1111	11/25/2011	REG	480-13191-1	480-13191-2	47	66	22	1		
BCC-AREA C-RFI-31-1111	11/25/2011	REG	480-13191-1	480-13191-2DIL	1					
TRIP BLANK	11/25/2011	TB	480-13191-1	480-13191-9	48					
BCC-AREAC-MW-C04-0311	3/24/2011	REG	480-2955-1	480-2955-3	48	66	22	1		
BCC-AREAC-PS-04-0311	3/24/2011	REG	480-2955-1	480-2955-4	48	66	22	1		
BCC-AREAC-PS-04D-0311	3/24/2011	REG	480-2955-1	480-2955-5	48	66	22	1		
BCC-AREAC-PS-06-0311	3/24/2011	REG	480-2955-1	480-2955-1	48	66	22	1		
BCC-AREAC-RFI-20-0311	3/24/2011	REG	480-2955-1	480-2955-2	47	66	22	1		
BCC-AREAC-RFI-20-0311	3/24/2011	REG	480-2955-1	480-2955-2DIL	1					
BCC-AREAC-RFI-31-0311	3/24/2011	REG	480-2955-1	480-2955-6	45	66	22	1		
BCC-AREAC-RFI-31-0311	3/24/2011	REG	480-2955-1	480-2955-6DIL	3					
TRIP BLANK	3/24/2011	TB	480-2955-1	480-2955-7	48					
BCC-AREAC-MW-C01-0611	6/29/2011	REG	480-6787-1	480-6787-6	48	66	22	1	22	1
BCC-AREAC-MW-C04-0611	6/29/2011	REG	480-6787-1	480-6787-3	47	66	22	1		
BCC-AREAC-MW-C04-0611	6/29/2011	REG	480-6787-1	480-6787-3DIL	1					

Table 1
Data Validation Summary Report
2011 Groundwater Monitoring
Honeywell - Buffalo Color Area C
Buffalo, New York

Sample ID	Sample Date	QC code	SDG	Filtered Method Lab Sample ID	N SW8260 VOC	N SW8270 SVOC	N SW6010 metals	N SW7470 Hg	Y SW6010 metals	Y SW7470 Hg
BCC-AREAC-PS-06-0611	6/29/2011	REG	480-6787-1	480-6787-1	48	66	22	1		
BCC-AREAC-RFI-20-0611	6/29/2011	REG	480-6787-1	480-6787-2	47	66	22	1		
BCC-AREAC-RFI-20-0611	6/29/2011	REG	480-6787-1	480-6787-2DIL	1					
BCC-AREAC-RFI-31-0611	6/29/2011	REG	480-6787-1	480-6787-4	45	66	22	1		
BCC-AREAC-RFI-31-0611	6/29/2011	REG	480-6787-1	480-6787-4DIL	3					
BCC-AREAC-RFI-31D-0611	6/29/2011	REG	480-6787-1	480-6787-5	45	66	22	1		
BCC-AREAC-RFI-31D-0611	6/29/2011	REG	480-6787-1	480-6787-5DIL	3					
TRIP.BLANK	6/29/2011	TB	480-6787-1	480-6787-7	48					

Notes:

number indicates number of analytes reported

Table 2
Data Validation Summary Report
2011 Groundwater Monitoring
Honeywell - Buffalo Color Area C
Buffalo, New York

Field Sample Id	Lab Sample Id	Method	Parameter Name	Lab Result	Lab Qualifier	Validation Qualifier	Units	Reason Codes
BCC-AREA C-PS-06-0911	480-10688-1	SW8260	Bromoform	1.3	U	UJ	ug/L	MSL
BCC-AREA C-MW-C04-1111	480-13191-4	SW8260	Chlorobenzene	390		J	ug/L	MSL
BCC-AREA C-RFI-20-1111	480-13191-5	SW8260	Chloroform	4	J,B	U	ug/L	BL1
BCC-AREA C-PS-06-1111	480-13191-8	SW8260	Chloroform	4	J,B	U	ug/L	BL1
BCC-AREA C-RFI-31D-0911	480-10688-7	SW8270	2,4-Dichlorophenol	8.7		J	ug/L	FD
BCC-AREA C-RFI-31-0911	480-10688-6	SW8270	2,4-Dichlorophenol	25		J	ug/L	FD
BCC-AREAC-RFI-31-0311	480-2955-6	SW8270	Bis(2-ethylhexyl) phthalate	9	U	UJ	ug/L	MSL
BCC-AREA C-RFI-31-1111	480-13191-2	SW8270	Caprolactam	2.1	U,*	UJ	ug/L	LCSL
BCC-AREA C-RFI-20D-1111	480-13191-6	SW8270	Caprolactam	2.1	U,*	UJ	ug/L	LCSL
BCC-AREA C-RFI-20-1111	480-13191-5	SW8270	Caprolactam	2.1	U,*	UJ	ug/L	LCSL
BCC-AREA C-PS-06-1111	480-13191-8	SW8270	Caprolactam	2.1	U,*	UJ	ug/L	LCSL
BCC-AREA C-PS-05A-1111	480-13191-7	SW8270	Caprolactam	2.1	U,*	UJ	ug/L	LCSL
BCC-AREA C-PS-04-1111	480-13191-3	SW8270	Caprolactam	2.1	U,*	UJ	ug/L	LCSL
BCC-AREA C-MW-C04-1111	480-13191-4	SW8270	Caprolactam	2.1	U,*	UJ	ug/L	LCSL
BCC-AREA C-MW-C01-1111	480-13191-1	SW8270	Caprolactam	2.1	U,*	UJ	ug/L	LCSL
BCC-AREAC-RFI-31D-0611	480-6787-5	SW8270	Di-n-butyl phthalate	4.7	J,B	U	ug/L	BL1
BCC-AREAC-RFI-31-0611	480-6787-4	SW8270	Di-n-butyl phthalate	4.8	J,B	U	ug/L	BL1
BCC-AREAC-PS-06-0611	480-6787-1	SW8270	Di-n-butyl phthalate	4.7	J,B	U	ug/L	BL1
BCC-AREAC-PS-06-0311	480-2955-1	SW8270	Di-n-butyl phthalate	5.2	J	U	ug/L	BL1
BCC-AREAC-MW-C01-0611	480-6787-6	SW8270	Di-n-butyl phthalate	5.6	J,B	U	ug/L	BL1

Notes:

BL1 = Result qualified due to laboratory blank

FD = Field duplicate exceeds relative percent difference criteria

LCSL = Laboratory control sample recovery less than criteria

MSL = Matrix spike recovery criteria less than lower limit

Table 3
Data Validation Summary Report
2011 Groundwater Monitoring
Honeywell - Buffalo Color Area C
Buffalo, New York
VOCs

Location ID Field Sample ID Sample Date SDG			BCC-AREAC-MW-C01 BCC-AREAC-MW-C01-0611 06/29/11 480-6787-1	BCC-AREA C-MW-C01 BCC-AREA C-MW-C01-0911 09/30/11 480-10688-1	BCC-AREA C-MW-C01 BCC-AREA C-MW-C01-1111 11/25/11 480-13191-1	BCC-AREAC-MW-C04 BCC-AREAC-MW-C04-0311 03/24/11 480-2955-1	BCC-AREAC-MW-C04 BCC-AREAC-MW-C04-0611 06/29/11 480-6787-1	BCC-AREA C-MW-C04 BCC-AREA C-MW-C04-0911 09/30/11 480-10688-1	BCC-AREA C-MW-C04 BCC-AREA C-MW-C04-1111 11/25/11 480-13191-1	BCC-AREA C-PS-04 BCC-AREAC-PS-04-0311 03/24/11 480-2955-1	BCC-AREA C-PS-04D BCC-AREAC-PS-04D-0311 03/24/11 480-2955-1
Method	Parameter	Units	Lab Result Qualifier	Lab Result Qualifier	Lab Result Qualifier	Lab Result Qualifier	Lab Result Qualifier	Lab Result Qualifier	Lab Result Qualifier	Lab Result Qualifier	Lab Result Qualifier
SW8260	1,1,1-Trichloroethane	ug/L	0.82 U	3.3 U	3.3 U	6.6 U	0.82 U	0.82 U	3.3 U	0.82 U	0.82 U
SW8260	1,1,2,2-Tetrachloroethane	ug/L	0.21 U	0.84 U	0.84 U	1.7 U	0.21 U	0.21 U	0.84 U	0.21 U	0.21 U
SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	0.31 U	1.2 U	1.2 U	2.5 U	0.31 U	0.31 U	1.2 U	0.31 U	0.31 U
SW8260	1,1,2-Trichloroethane	ug/L	0.23 U	0.92 U	0.92 U	1.8 U	0.23 U	0.23 U	0.92 U	0.23 U	0.23 U
SW8260	1,1-Dichloroethane	ug/L	0.38 U	1.5 U	1.5 U	3 U	0.38 U	0.38 U	1.5 U	0.38 U	0.38 U
SW8260	1,1-Dichloroethene	ug/L	0.29 U	1.2 U	1.2 U	2.3 U	0.29 U	0.29 U	1.2 U	0.29 U	0.29 U
SW8260	1,2,4-Trichlorobenzene	ug/L	6.2	1.6 U	1.6 U	3.3 U	0.41 U	0.41 U	1.6 U	0.41 U	0.41 U
SW8260	1,2-Dibromo-3-Chloropropane	ug/L	0.39 U	1.6 U	1.6 U	3.1 U	0.39 U	0.39 U	1.6 U	0.39 U	0.39 U
SW8260	1,2-Dibromoethane	ug/L	0.73 U	2.9 U	2.9 U	5.8 U	0.73 U	0.73 U	2.9 U	0.73 U	0.73 U
SW8260	1,2-Dichlorobenzene	ug/L	1.2	3.2 U	3.2 U	6.3 U	5.7	5.7	4.2	0.79 U	0.79 U
SW8260	1,2-Dichloroethane	ug/L	0.21 U	0.84 U	0.84 U	1.7 U	0.21 U	0.21 U	0.84 U	0.21 U	0.21 U
SW8260	1,2-Dichloropropane	ug/L	0.72 U	2.9 U	2.9 U	5.8 U	0.72 U	0.72 U	2.9 U	0.72 U	0.72 U
SW8260	1,3-Dichlorobenzene	ug/L	5.7	3.1 U	3.1 U	17	17	21	16	0.78 U	0.78 U
SW8260	1,4-Dichlorobenzene	ug/L	1.2	3.4 U	3.4 U	29	30	36	29	0.84 U	0.84 U
SW8260	2-Butanone (MEK)	ug/L	1.3 U	5.3 U	5.3 U	11 U	1.3 U	1.3 U	5.3 U	1.3 U	1.3 U
SW8260	2-Hexanone	ug/L	1.2 U	5 U	5 U	9.9 U	1.2 U	1.2 U	5 U	1.2 U	1.2 U
SW8260	4-Methyl-2-pentanone (MIBK)	ug/L	2.1 U	8.4 U	8.4 U	17 U	2.1 U	2.1 U	8.4 U	2.1 U	2.1 U
SW8260	Acetone	ug/L	3.7 J	12 U	12 U	24 U	3 U	3 U	12 U	3 U	3 U
SW8260	Benzene	ug/L	0.41 U	1.6 U	1.6 U	3.3 U	0.41 U	0.41 U	1.6 U	0.41 U	0.41 U
SW8260	Bromodichloromethane	ug/L	0.39 U	1.6 U	1.6 U	3.1 U	0.39 U	0.39 U	1.6 U	0.39 U	0.39 U
SW8260	Bromoform	ug/L	0.26 U	1 U	1 U	2.1 U	0.26 U	0.26 U	1 U	0.26 U	0.26 U
SW8260	Bromomethane	ug/L	0.69 U	2.8 U	2.8 U	5.5 U	0.69 U	0.69 U	2.8 U	0.69 U	0.69 U
SW8260	Carbon disulfide	ug/L	0.19 U	0.76 U	0.76 U	1.5 U	0.19 U	0.19 U	0.76 U	0.19 U	0.19 U
SW8260	Carbon tetrachloride	ug/L	0.27 U	1.1 U	1.1 U	2.2 U	0.27 U	0.27 U	1.1 U	0.27 U	0.27 U
SW8260	Chlorobenzene	ug/L	18	3 U	3 U	390	400	580	390 J	0.75 U	0.75 U
SW8260	Chloroethane	ug/L	0.32 U	1.3 U	1.3 U	2.6 U	0.32 U	0.32 U	1.3 U	0.32 U	0.32 U
SW8260	Chloroform	ug/L	0.34 U	1.4 U	1.4 U	2.7 U	0.34 U	0.34 U	1.4 U	0.34 U	0.34 U
SW8260	Chloromethane	ug/L	0.35 U	1.4 U	1.4 U	2.8 U	0.35 U	0.35 U	1.4 U	0.35 U	0.35 U
SW8260	cis-1,2-Dichloroethene	ug/L	0.81 U	3.2 U	3.2 U	6.5 U	0.81 U	0.81 U	3.2 U	0.81 U	0.81 U
SW8260	cis-1,3-Dichloropropene	ug/L	0.36 U	1.4 U	1.4 U	2.9 U	0.36 U	0.36 U	1.4 U	0.36 U	0.36 U
SW8260	Cyclohexane	ug/L	0.18 U	0.72 U	0.72 U	1.4 U	0.18 U	0.18 U	0.72 U	0.18 U	0.18 U
SW8260	Dibromochloromethane	ug/L	0.32 U	1.3 U	1.3 U	2.6 U	0.32 U	0.32 U	1.3 U	0.32 U	0.32 U
SW8260	Dichlorodifluoromethane	ug/L	0.68 U	2.7 U	2.7 U	5.4 U	0.68 U	0.68 U	2.7 U	0.68 U	0.68 U
SW8260	Ethylbenzene	ug/L	0.74 U	3 U	3 U	5.9 U	0.74 U	0.74 U	3 U	0.74 U	0.74 U
SW8260	Isopropylbenzene	ug/L	0.79 U	3.2 U	3.2 U	6.3 U	0.79 U	0.79 U	3.2 U	0.79 U	0.79 U
SW8260	Methyl acetate	ug/L	0.5 U	2 U	2 U	4 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U
SW8260	Methyl tert-butyl ether	ug/L	0.16 U	0.64 U	0.64 U	1.3 U	0.16 U	0.16 U	0.64 U	0.16 U	0.16 U
SW8260	Methylcyclohexane	ug/L	0.16 U	0.64 U	0.64 U	1.3 U	0.16 U	0.16 U	0.64 U	0.16 U	0.16 U
SW8260	Methylene Chloride	ug/L	0.44 U	1.8 U	1.8 U	3.5 U	0.44 U	0.44 U	1.8 U	0.44 U	0.44 U
SW8260	Styrene	ug/L	0.73 U	2.9 U	2.9 U	5.8 U	0.73 U	0.73 U	2.9 U	0.73 U	0.73 U
SW8260	Tetrachloroethene	ug/L	0.36 U	1.4 U	1.4 U	2.9 U	0.36 U	0.36 U	1.4 U	0.36 U	0.36 U
SW8260	Toluene	ug/L	0.51 U	2 U	2 U	4.1 U	0.51 U	0.51 U	2 U	0.51 U	0.51 U
SW8260	trans-1,2-Dichloroethene	ug/L	0.9 U	3.6 U	3.6 U	7.2 U	0.9 U	0.9 U	3.6 U	0.9 U	0.9 U
SW8260	trans-1,3-Dichloropropene	ug/L	0.37 U	1.5 U	1.5 U	3 U	0.37 U	0.37 U	1.5 U	0.37 U	0.37 U
SW8260	Trichloroethene	ug/L	0.46 U	1.8 U	1.8 U	3.7 U	0.46 U	0.46 U	1.8 U	0.46 U	0.46 U
SW8260	Trichlorofluoromethane	ug/L	0.88 U	3.5 U	3.5 U	7 U	0.88 U	0.88 U	3.5 U	0.88 U	0.88 U
SW8260	Vinyl chloride	ug/L	0.9 U	3.6 U	3.6 U	7.2 U	0.9 U	0.9 U	3.6 U	0.9 U	0.9 U
SW8260	Xylenes, Total	ug/L	0.66 U	2.6 U	2.6 U	5.3 U	0.66 U	0.66 U	2.6 U	0.66 U	0.66 U

Notes:

U = undetected

J = estimated value

Table 3
Data Validation Summary Report
2011 Groundwater Monitoring
Honeywell - Buffalo Color Area C
Buffalo, New York
VOCs

Location ID			BCC-AREA C-PS-04		BCC-AREA C-PS-04		BCC-AREA C-PS-05A		BCC-AREA C-PS-05A		BCC-AREA C-PS-06		BCC-AREA C-PS-06		BCC-AREA C-PS-06		BCC-AREA C-PS-06		BCC-AREA C-RFI-20		BCC-AREA C-RFI-20	
Field Sample ID			BCC-AREA C-PS-04-911		BCC-AREA C-PS-04-1111		BCC-AREA C-PS-05A-0911		BCC-AREA C-PS-05A-1111		BCC-AREAC-PS-06-0311		BCC-AREAC-PS-06-0611		BCC-AREA C-PS-06-0911		BCC-AREA C-PS-06-1111		BCC-AREAC-RFI-20-0311		BCC-AREAC-RFI-20-0611	
Sample Date			09/30/11		11/25/11		09/30/11		11/25/11		03/24/11		06/29/11		09/30/11		11/25/11		03/24/11		06/29/11	
SDG			480-10688-1		480-13191-1		480-10688-1		480-13191-1		480-2955-1		480-6787-1		480-10688-1		480-13191-1		480-2955-1		480-6787-1	
Method	Parameter	Units	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier
SW8260	1,1,1-Trichloroethane	ug/L	0.82	U	0.82	U	3.3	U	3.3	U	8.2	U	0.82	U	4.1	U	3.3	U	4.1	U	41	U
SW8260	1,1,2,2-Tetrachloroethane	ug/L	0.21	U	0.21	U	0.84	U	0.84	U	2.1	U	0.21	U	1.1	U	0.84	U	1	U	11	U
SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	0.31	U	0.31	U	1.2	U	1.2	U	3.1	U	0.31	U	1.6	U	1.2	U	1.6	U	16	U
SW8260	1,1,2-Trichloroethane	ug/L	0.23	U	0.23	U	0.92	U	0.92	U	2.3	U	0.23	U	1.2	U	0.92	U	1.2	U	12	U
SW8260	1,1-Dichloroethane	ug/L	0.38	U	0.38	U	1.5	U	1.5	U	3.8	U	0.98	J	1.9	U	1.5	U	1.9	U	19	U
SW8260	1,1-Dichloroethene	ug/L	0.29	U	0.29	U	1.2	U	1.2	U	2.9	U	0.29	U	1.5	U	1.2	U	1.4	U	15	U
SW8260	1,2,4-Trichlorobenzene	ug/L	0.41	U	0.41	U	1.6	U	1.6	U	4.1	U	0.41	U	2.1	U	1.6	U	180		130	
SW8260	1,2-Dibromo-3-Chloropropane	ug/L	0.39	U	0.39	U	1.6	U	1.6	U	3.9	U	0.39	U	2	U	1.6	U	2	U	20	U
SW8260	1,2-Dibromoethane	ug/L	0.73	U	0.73	U	2.9	U	2.9	U	7.3	U	0.73	U	3.7	U	2.9	U	3.6	U	37	U
SW8260	1,2-Dichlorobenzene	ug/L	0.79	U	0.79	U	41		11		7.9	U	0.79	U	4	U	3.2	U	16		40	U
SW8260	1,2-Dichloroethane	ug/L	0.21	U	0.21	U	0.84	U	0.84	U	2.1	U	0.21	U	1.1	U	0.84	U	1	U	11	U
SW8260	1,2-Dichloropropane	ug/L	0.72	U	0.72	U	2.9	U	2.9	U	7.2	U	0.72	U	3.6	U	2.9	U	3.6	U	36	U
SW8260	1,3-Dichlorobenzene	ug/L	0.78	U	0.78	U	3.1	U	3.1	U	7.8	U	0.78	U	3.9	U	3.1	U	3.9	U	39	U
SW8260	1,4-Dichlorobenzene	ug/L	0.84	U	0.84	U	3.4	U	3.4	U	8.4	U	0.84	U	4.2	U	3.4	U	4.2	U	42	U
SW8260	2-Butanone (MEK)	ug/L	1.3	U	1.3	U	8.4	J	5.3	U	13	U	1.3	U	6.6	U	5.3	U	6.6	U	66	U
SW8260	2-Hexanone	ug/L	1.2	U	1.2	U	5	U	5	U	12	U	1.2	U	6.2	U	5	U	6.2	U	62	U
SW8260	4-Methyl-2-pentanone (MIBK)	ug/L	2.1	U	2.1	U	8.4	U	8.4	U	21	U	2.1	U	11	U	8.4	U	10	U	110	U
SW8260	Acetone	ug/L	3	U	3	U	12	U	12	U	30	U	4.5	J	15	U	12	U	15	U	150	U
SW8260	Benzene	ug/L	0.41	U	0.41	U	1.6	U	1.6	U	4.1	U	2.7		2.1	U	1.6	U	120		25	J
SW8260	Bromodichloromethane	ug/L	0.39	U	0.39	U	1.6	U	1.6	U	3.9	U	0.39	U	2	U	1.6	U	2	U	20	U
SW8260	Bromoform	ug/L	0.26	U	0.26	U	1	U	1	U	2.6	U	0.26	U	1.3	UJ	1	U	1.3	U	13	U
SW8260	Bromomethane	ug/L	0.69	U	0.69	U	2.8	U	2.8	U	6.9	U	0.69	U	3.5	U	2.8	U	3.4	U	35	U
SW8260	Carbon disulfide	ug/L	0.19	U	0.19	U	0.76	U	2.4	J	1.9	U	0.19	U	0.95	U	3.1	J	0.95	U	9.5	U
SW8260	Carbon tetrachloride	ug/L	0.27	U	0.27	U	1.1	U	1.1	U	2.7	U	0.27	U	1.4	U	1.1	U	1.4	U	14	U
SW8260	Chlorobenzene	ug/L	0.75	U	0.75	U	1100		640		7.5	U	0.75	U	3.8	U	3	U	5300		5400	
SW8260	Chloroethane	ug/L	0.32	U	0.32	U	1.3	U	1.3	U	3.2	U	0.32	U	1.6	U	1.3	U	1.6	U	16	U
SW8260	Chloroform	ug/L	0.34	U	0.34	U	1.4	U	1.4	U	3.4	U	0.34	U	1.7	U	4	U	1.7	U	17	U
SW8260	Chloromethane	ug/L	0.35	U	0.35	U	1.4	U	1.4	U	3.5	U	0.35	U	1.8	U	1.4	U	1.8	U	18	U
SW8260	cis-1,2-Dichloroethene	ug/L	0.81	U	0.81	U	3.2	U	3.2	U	8.1	U	0.81	U	4.1	U	3.2	U	4	U	41	U
SW8260	cis-1,3-Dichloropropene	ug/L	0.36	U	0.36	U	1.4	U	1.4	U	3.6	U	0.36	U	1.8	U	1.4	U	1.8	U	18	U
SW8260	Cyclohexane	ug/L	0.18	U	0.18	U	0.72	U	0.72	U	1.8	U	0.18	U	0.9	U	0.72	U	0.9	U	9	U
SW8260	Dibromochloromethane	ug/L	0.32	U	0.32	U	1.3	U	1.3	U	3.2	U	0.32	U	1.6	U	1.3	U	1.6	U	16	U
SW8260	Dichlorodifluoromethane	ug/L	0.68	U	0.68	U	2.7	U	2.7	U	6.8	U	0.68	U	3.4	U	2.7	U	3.4	U	34	U
SW8260	Ethylbenzene	ug/L	0.74	U	0.74	U	3	U	3	U	7.4	U	0.74	U	3.7	U	3	U	3.7	U	37	U
SW8260	Isopropylbenzene	ug/L	0.79	U	0.79	U	3.2	U	3.2	U	7.9	U	0.79	U	4	U	3.2	U	4	U	40	U
SW8260	Methyl acetate	ug/L	0.5	U	0.5	U	2	U	2	U	5	U	0.5	U	2.5	U	2	U	2.5	U	25	U
SW8260	Methyl tert-butyl ether	ug/L	0.16	U	0.16	U	0.64	U	0.64	U	1.6	U	0.16	U	0.8	U	0.64	U	0.8	U	8	U
SW8260	Methylcyclohexane	ug/L	0.16	U	0.16	U	0.64	U	0.64	U	1.6	U	0.16	U	0.8	U	0.64	U	0.8	U	8	U
SW8260	Methylene Chloride	ug/L	0.44	U	0.44	U	1.8	U	1.8	U	4.4	U	0.44	U	2.2	U	1.8	U	2.5	J	22	U
SW8260	Styrene	ug/L	0.73	U	0.73	U	2.9	U	2.9	U	7.3	U	0.73	U	3.7	U	2.9	U	3.6	U	37	U
SW8260	Tetrachloroethene	ug/L	0.36	U	0.36	U	1.4	U	1.4	U	3.6	U	0.36	U	1.8	U	1.4	U	1.8	U	18	U
SW8260	Toluene	ug/L	0.51	U	0.51	U	2	U	2	U	5.1	U	0.51	U	2.6	U	2	U	2.6	U	26	U
SW8260	trans-1,2-Dichloroethene	ug/L	0.9	U	0.9	U	3.6	U	3.6	U	9	U	0.9	U	4.5	U	3.6	U	4.5	U	45	U
SW8260	trans-1,3-Dichloropropene	ug/L	0.37	U	0.37	U	1.5	U	1.5	U	3.7	U	0.37	U	1.9	U	1.5	U	1.8	U	19	U
SW8260	Trichloroethene	ug/L	0.46	U	0.46	U	1.8	U	1.8	U	4.6	U	0.46	U	2.3	U	1.8	U	2.3	U	23	U
SW8260	Trichlorofluoromethane	ug/L	0.88	U	0.88	U	3.5	U	3.5	U	8.8	U	0.88	U	4.4	U	3.5	U	4.4	U	44	U
SW8260	Vinyl chloride	ug/L	0.9	U	0.9	U	3.6	U	3.6	U	9	U	0.9	U	4.5	U	3.6	U	4.5	U	45	U
SW8260	Xylenes, Total	ug/L	0.66	U	0.66	U	2.6	U	2.6	U	6.6	U	0.66	U	3.3	U	2.6	U	3.3	U	33	U

Notes:
U = undetected
J = estimated value

Table 3
Data Validation Summary Report
2011 Groundwater Monitoring
Honeywell - Buffalo Color Area C
Buffalo, New York
VOCs

Location ID Field Sample ID Sample Date SDG		BCC-AREA C-RFI-20 BCC-AREA C-RFI-20-0911 09/30/11 480-10688-1	BCC-AREA C-RFI-20 BCC-AREA C-RFI-20-1111 11/25/11 480-13191-1	BCC-AREA C-RFI-20 BCC-AREA C-RFI-20D-1111 11/25/11 480-13191-1	BCC-AREA C-RFI-31 BCC-AREAC-RFI-31-0311 03/24/11 480-2955-1	BCC-AREA C-RFI-31 BCC-AREAC-RFI-31-0611 06/29/11 480-6787-1	BCC-AREA C-RFI-31D BCC-AREAC-RFI-31D-0611 06/29/11 480-6787-1	BCC-AREA C-RFI-31 BCC-AREA C-RFI-31-0911 09/30/11 480-10688-1	BCC-AREA C-RFI-31 BCC-AREA C-RFI-31D-0911 09/30/11 480-10688-1	BCC-AREA C-RFI-31 BCC-AREA C-RFI-31-1111 11/25/11 480-13191-1	TRIP BLANK TRIP BLANK 03/24/11 480-2955-1			
Method	Parameter	Units	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier
SW8260	1,1,1-Trichloroethane	ug/L	0.82	U	3.3	U	3.3	U	4.1	U	0.82	U	4.1	U
SW8260	1,1,2,2-Tetrachloroethane	ug/L	0.21	U	0.84	U	0.84	U	0.21	U	0.21	U	1.1	U
SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	0.31	U	1.2	U	1.2	U	0.31	U	0.31	U	1.6	U
SW8260	1,1,2-Trichloroethane	ug/L	0.23	U	0.92	U	0.92	U	0.23	U	0.23	U	1.2	U
SW8260	1,1-Dichloroethane	ug/L	0.38	U	1.5	U	1.5	U	0.38	U	0.38	U	1.9	U
SW8260	1,1-Dichloroethene	ug/L	0.29	U	1.2	U	1.2	U	0.29	U	0.29	U	1.5	U
SW8260	1,2,4-Trichlorobenzene	ug/L	34		280		1100		340		2300		2700	
SW8260	1,2-Dibromo-3-Chloropropane	ug/L	0.39	U	1.6	U	1.6	U	0.39	U	0.39	U	2	U
SW8260	1,2-Dibromoethane	ug/L	0.73	U	2.9	U	2.9	U	0.73	U	0.73	U	3.7	U
SW8260	1,2-Dichlorobenzene	ug/L	3.8		24		7.1		2		8.6		9.4	
SW8260	1,2-Dichloroethane	ug/L	0.21	U	0.84	U	0.84	U	0.21	U	0.21	U	1.1	U
SW8260	1,2-Dichloropropane	ug/L	0.72	U	2.9	U	2.9	U	0.72	U	0.72	U	3.6	U
SW8260	1,3-Dichlorobenzene	ug/L	0.78	U	3.1	U	3.1	U	1100		200		180	
SW8260	1,4-Dichlorobenzene	ug/L	2.3		3.4		3.4		69		15		34	
SW8260	2-Butanone (MEK)	ug/L	1.3	U	5.3	U	5.3	U	6.6	U	1.3	U	6.6	U
SW8260	2-Hexanone	ug/L	1.2	U	5	U	5	U	6.2	U	1.2	U	6.2	U
SW8260	4-Methyl-2-pentanone (MIBK)	ug/L	2.1	U	8.4	U	8.4	U	2.1	U	2.1	U	11	U
SW8260	Acetone	ug/L	3	U	12	U	12	U	15	U	3	U	15	U
SW8260	Benzene	ug/L	4.8		4		9.5		2.8		2.6		17	
SW8260	Bromodichloromethane	ug/L	0.39	U	1.6	U	1.6	U	0.39	U	0.39	U	2	U
SW8260	Bromoform	ug/L	0.26	U	1	U	1	U	0.26	U	0.26	U	1.3	U
SW8260	Bromomethane	ug/L	0.69	U	2.8	U	2.8	U	0.69	U	0.69	U	3.5	U
SW8260	Carbon disulfide	ug/L	0.19	U	3.2	J	0.76	U	0.95	U	0.19	U	0.95	U
SW8260	Carbon tetrachloride	ug/L	0.27	U	1.1	U	1.1	U	0.27	U	0.27	U	1.4	U
SW8260	Chlorobenzene	ug/L	8500		2700		2800		180		170		1300	
SW8260	Chloroethane	ug/L	0.32	U	1.3	U	1.3	U	0.32	U	0.32	U	1.6	U
SW8260	Chloroform	ug/L	0.34	U	4	U	1.4	U	0.34	U	0.34	U	1.7	U
SW8260	Chloromethane	ug/L	0.35	U	1.4	U	1.4	U	0.35	U	0.35	U	1.8	U
SW8260	cis-1,2-Dichloroethene	ug/L	0.81	U	3.2	U	3.2	U	0.81	U	0.81	U	4.1	U
SW8260	cis-1,3-Dichloropropene	ug/L	0.36	U	1.4	U	1.4	U	0.36	U	0.36	U	1.8	U
SW8260	Cyclohexane	ug/L	0.18	U	0.72	U	0.72	U	0.18	U	0.18	U	0.9	U
SW8260	Dibromochloromethane	ug/L	0.32	U	1.3	U	1.3	U	0.32	U	0.32	U	1.6	U
SW8260	Dichlorodifluoromethane	ug/L	0.68	U	2.7	U	2.7	U	0.68	U	0.68	U	3.4	U
SW8260	Ethylbenzene	ug/L	0.74	U	3	U	3	U	0.74	U	0.74	U	3.7	U
SW8260	Isopropylbenzene	ug/L	0.79	U	3.2	U	3.2	U	0.79	U	0.79	U	4	U
SW8260	Methyl acetate	ug/L	0.5	U	2	U	2	U	0.5	U	0.5	U	2.5	U
SW8260	Methyl tert-butyl ether	ug/L	0.16	U	0.64	U	0.64	U	0.16	U	0.16	U	0.8	U
SW8260	Methylcyclohexane	ug/L	0.16	U	0.64	U	0.64	U	0.16	U	0.16	U	0.8	U
SW8260	Methylene Chloride	ug/L	0.44	U	1.8	U	2.2	U	0.44	U	0.44	U	2.2	U
SW8260	Styrene	ug/L	0.73	U	2.9	U	2.9	U	0.73	U	0.73	U	3.7	U
SW8260	Tetrachloroethene	ug/L	0.36	U	1.4	U	1.4	U	0.36	U	0.36	U	1.8	U
SW8260	Toluene	ug/L	0.51	U	2	U	2	U	0.51	U	0.51	U	2.6	U
SW8260	trans-1,2-Dichloroethene	ug/L	0.9	U	3.6	U	3.6	U	0.9	U	0.9	U	4.5	U
SW8260	trans-1,3-Dichloropropene	ug/L	0.37	U	1.5	U	1.5	U	0.37	U	0.37	U	1.9	U
SW8260	Trichloroethene	ug/L	0.46	U	1.8	U	1.8	U	0.46	U	0.46	U	2.3	U
SW8260	Trichlorofluoromethane	ug/L	0.88	U	3.5	U	3.5	U	0.88	U	0.88	U	4.4	U
SW8260	Vinyl chloride	ug/L	0.9	U	3.6	U	3.6	U	0.9	U	0.9	U	4.5	U
SW8260	Xylenes, Total	ug/L	0.66	U	2.6	U	2.6	U	0.66	U	0.66	U	3.3	U

Notes:
U = undetected
J = estimated value

Table 3
Data Validation Summary Report
2011 Groundwater Monitoring
Honeywell - Buffalo Color Area C
Buffalo, New York
VOCs

Location ID Field Sample ID Sample Date SDG			TRIP BLANK TRIP BLANK 06/29/11 480-6787-1		TRIP BLANK TRIP BLANK 09/30/11 480-10688-1		TRIP BLANK TRIP BLANK 11/25/11 480-13191-1		TRIP BLANK TRIP BLANK 03/24/11 480-2955-1		TRIP BLANK TRIP BLANK 06/29/11 480-6787-1	
Method	Parameter	Units	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier
SW8260	1,1,1-Trichloroethane	ug/L	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
SW8260	1,1,2,2-Tetrachloroethane	ug/L	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
SW8260	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
SW8260	1,1,2-Trichloroethane	ug/L	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
SW8260	1,1-Dichloroethane	ug/L	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
SW8260	1,1-Dichloroethene	ug/L	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U
SW8260	1,2,4-Trichlorobenzene	ug/L	0.52	J	0.41	U	0.41	U	0.41	U	0.52	J
SW8260	1,2-Dibromo-3-Chloropropane	ug/L	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U
SW8260	1,2-Dibromoethane	ug/L	0.73	U	0.73	U	0.73	U	0.73	U	0.73	U
SW8260	1,2-Dichlorobenzene	ug/L	0.79	U	0.79	U	0.79	U	0.79	U	0.79	U
SW8260	1,2-Dichloroethane	ug/L	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
SW8260	1,2-Dichloropropane	ug/L	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U
SW8260	1,3-Dichlorobenzene	ug/L	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U
SW8260	1,4-Dichlorobenzene	ug/L	0.84	U	0.84	U	0.84	U	0.84	U	0.84	U
SW8260	2-Butanone (MEK)	ug/L	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
SW8260	2-Hexanone	ug/L	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
SW8260	4-Methyl-2-pentanone (MIBK)	ug/L	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
SW8260	Acetone	ug/L	3	U	3	U	3	U	3	U	3	U
SW8260	Benzene	ug/L	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
SW8260	Bromodichloromethane	ug/L	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U
SW8260	Bromoform	ug/L	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
SW8260	Bromomethane	ug/L	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U
SW8260	Carbon disulfide	ug/L	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U
SW8260	Carbon tetrachloride	ug/L	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U
SW8260	Chlorobenzene	ug/L	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U
SW8260	Chloroethane	ug/L	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
SW8260	Chloroform	ug/L	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
SW8260	Chloromethane	ug/L	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
SW8260	cis-1,2-Dichloroethene	ug/L	0.81	U	0.81	U	0.81	U	0.81	U	0.81	U
SW8260	cis-1,3-Dichloropropene	ug/L	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
SW8260	Cyclohexane	ug/L	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
SW8260	Dibromochloromethane	ug/L	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
SW8260	Dichlorodifluoromethane	ug/L	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U
SW8260	Ethylbenzene	ug/L	0.74	U	0.74	U	0.74	U	0.74	U	0.74	U
SW8260	Isopropylbenzene	ug/L	0.79	U	0.79	U	0.79	U	0.79	U	0.79	U
SW8260	Methyl acetate	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW8260	Methyl tert-butyl ether	ug/L	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
SW8260	Methylcyclohexane	ug/L	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
SW8260	Methylene Chloride	ug/L	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U
SW8260	Styrene	ug/L	0.73	U	0.73	U	0.73	U	0.73	U	0.73	U
SW8260	Tetrachloroethene	ug/L	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
SW8260	Toluene	ug/L	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U
SW8260	trans-1,2-Dichloroethene	ug/L	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U
SW8260	trans-1,3-Dichloropropene	ug/L	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
SW8260	Trichloroethene	ug/L	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U
SW8260	Trichlorofluoromethane	ug/L	0.88	U	0.88	U	0.88	U	0.88	U	0.88	U
SW8260	Vinyl chloride	ug/L	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U
SW8260	Xylenes, Total	ug/L	0.66	U	0.66	U	0.66	U	0.66	U	0.66	U

Notes:
U = undetected
J = estimated value

Table 3
Data Validation Summary Report
2011 Groundwater Monitoring
Honeywell - Buffalo Color Area C
Buffalo, New York
SVOCs

Location ID			BCC-AREAC-MW-C01	BCC-AREA C-MW-C01	BCC-AREA C-MW-C01	BCC-AREAC-MW-C04	BCC-AREAC-MW-C04	BCC-AREA C-MW-C04	BCC-AREA C-MW-C04	BCC-AREA C-MW-C04	BCC-AREA C-PS-04	BCC-AREA C-PS-04D	BCC-AREA C-PS-04	BCC-AREA C-PS-04	BCC-AREA C-PS-05A	
Field Sample ID			BCC-AREAC-MW-C01-061	BCC-AREA C-MW-C01-091	BCC-AREA C-MW-C01-111	BCC-AREAC-MW-C04-031	BCC-AREAC-MW-C04-061	BCC-AREA C-MW-C04-091	BCC-AREA C-MW-C04-111	BCC-AREAC-PS-04-0311	BCC-AREAC-PS-04D-0311	BCC-AREA C-PS-04-911	BCC-AREA C-PS-04-1111	BCC-AREA C-PS-05A-0911		
Sample Date			06/29/11	09/30/11	11/25/11	03/24/11	06/29/11	09/30/11	11/25/11	03/24/11	03/24/11	09/30/11	11/25/11	09/30/11		
SDG			480-6787-1	480-10688-1	480-13191-1	480-2955-1	480-6787-1	480-10688-1	480-13191-1	480-2955-1	480-2955-1	480-10688-1	480-13191-1	480-10688-1		
Method	Parameter	Units	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier
SW8270	2,4,5-Trichlorophenol	ug/L	0.53 U		0.56 U		0.46 U		0.45 U		0.45 U		0.45 U		0.51 U	
SW8270	2,4,6-Trichlorophenol	ug/L	0.68 U		0.72 U		0.59 U		0.58 U		0.58 U		0.58 U		0.64 U	
SW8270	2,4-Dichlorophenol	ug/L	0.57 U		0.6 U		0.49 U		0.48 U		0.48 U		0.48 U		0.54 U	
SW8270	2,4-Dimethylphenol	ug/L	0.56 U		0.59 U		0.48 U		0.47 U		0.47 U		0.47 U		0.53 U	
SW8270	2,4-Dinitrophenol	ug/L	2.5 U		2.6 U		2.1 U		2.1 U		2.1 U		2.1 U		2.3 U	
SW8270	2,4-Dinitrotoluene	ug/L	0.5 U		0.53 U		0.43 U		0.42 U		0.42 U		0.42 U		0.47 U	
SW8270	2,6-Dinitrotoluene	ug/L	0.44 U		0.47 U		0.39 U		0.38 U		0.38 U		0.38 U		0.42 U	
SW8270	2-Chloronaphthalene	ug/L	0.51 U		0.54 U		0.44 U		0.43 U		0.43 U		0.43 U		0.48 U	
SW8270	2-Chlorophenol	ug/L	0.59 U		0.62 U		0.51 U		1.3 J		0.97 J		0.5 U		8.2	
SW8270	2-Methylnaphthalene	ug/L	0.67 U		0.71 U		0.58 U		0.57 U		0.57 U		0.6 U		0.63 U	
SW8270	2-Methylphenol	ug/L	0.44 U		0.47 U		0.39 U		0.38 U		0.38 U		0.4 U		0.42 U	
SW8270	2-Nitroaniline	ug/L	0.47 U		0.49 U		0.41 U		0.4 U		0.4 U		0.42 U		0.44 U	
SW8270	2-Nitrophenol	ug/L	0.53 U		0.56 U		0.46 U		0.45 U		0.45 U		0.48 U		0.51 U	
SW8270	3,3'-Dichlorobenzidine	ug/L	0.44 U		0.47 U		0.39 U		0.38 U		0.38 U		0.4 U		0.42 U	
SW8270	3-Nitroaniline	ug/L	0.53 U		0.56 U		0.46 U		0.45 U		0.45 U		0.48 U		0.51 U	
SW8270	4,6-Dinitro-2-methylphenol	ug/L	2.4 U		2.6 U		2.1 U		2.1 U		2.1 U		2.2 U		2.3 U	
SW8270	4-Bromophenyl phenyl ether	ug/L	0.5 U		0.53 U		0.43 U		0.42 U		0.42 U		0.45 U		0.47 U	
SW8270	4-Chloro-3-methylphenol	ug/L	0.5 U		0.53 U		0.43 U		0.42 U		0.42 U		0.45 U		0.47 U	
SW8270	4-Chloroaniline	ug/L	0.66 U		0.69 U		0.57 U		0.56 U		0.56 U		0.59 U		0.62 U	
SW8270	4-Chlorophenyl phenyl ether	ug/L	0.39 U		0.41 U		0.34 U		0.33 U		0.33 U		0.35 U		0.37 U	
SW8270	4-Methylphenol	ug/L	0.4 U		0.42 U		0.35 U		0.34 U		0.34 U		0.36 U		0.38 U	
SW8270	4-Nitroaniline	ug/L	0.28 U		0.29 U		0.24 U		0.24 U		0.24 U		0.25 U		0.26 U	
SW8270	4-Nitrophenol	ug/L	1.7 U		1.8 U		1.5 U		1.4 U		1.4 U		1.5 U		1.6 U	
SW8270	Acenaphthene	ug/L	0.9 J		0.48 U		0.4 U		0.39 U		0.39 U		0.41 U		0.43 U	
SW8270	Acenaphthylene	ug/L	0.42 U		0.45 U		0.37 U		0.36 U		0.36 U		0.38 U		0.4 U	
SW8270	Acetophenone	ug/L	0.6 U		0.64 U		0.52 U		0.51 U		0.51 U		0.54 U		0.57 U	
SW8270	Aniline	ug/L	0.68 U		0.72 U		0.59 U		0.58 U		0.58 U		0.61 U		0.64 U	
SW8270	Anthracene	ug/L	0.92 J		0.33 U		0.27 U		0.26 U		0.26 U		0.28 U		0.29 U	
SW8270	Atrazine	ug/L	0.51 U		0.54 U		0.44 U		0.43 U		0.43 U		0.46 U		0.48 U	
SW8270	Benzaldehyde	ug/L	0.3 U		0.31 U		0.26 U		0.25 U		0.25 U		0.27 U		0.28 U	
SW8270	Benzo(a)anthracene	ug/L	2.2 J		0.88 J		0.45 J		0.34 U		0.34 U		0.36 U		0.38 U	
SW8270	Benzo(a)pyrene	ug/L	2.3 J		0.63 J		3.2 J		0.44 U		0.44 U		0.47 U		0.49 U	
SW8270	Benzo(b)fluoranthene	ug/L	2.9 J		0.4 U		0.33 U		0.32 U		0.32 U		0.34 U		0.36 U	
SW8270	Benzo(g,h,i)perylene	ug/L	1.5 J		0.5 J		0.34 U		0.33 U		0.33 U		0.35 U		0.37 U	
SW8270	Benzo(k)fluoranthene	ug/L	1.3 J		0.86 U		0.71 U		0.69 U		0.69 U		0.73 U		0.77 U	
SW8270	Biphenyl	ug/L	0.73 U		0.77 U		0.63 U		0.62 U		0.62 U		0.65 U		0.69 U	
SW8270	bis (2-chloroisopropyl) ether	ug/L	0.58 U		0.61 U		0.5 U		0.49 U		0.49 U		0.52 U		0.55 U	
SW8270	Bis(2-chloroethoxy)methane	ug/L	0.39 U		0.41 U		0.34 U		0.33 U		0.33 U		0.35 U		0.37 U	
SW8270	Bis(2-chloroethyl)ether	ug/L	0.44 U		0.47 U		0.39 U		0.38 U		0.38 U		0.4 U		0.42 U	
SW8270	Bis(2-ethylhexyl) phthalate	ug/L	2 U		2.1 U		1.7 U		1.7 U		1.7 U		1.8 U		1.9 U	
SW8270	Butyl benzyl phthalate	ug/L	0.47 U		0.49 U		0.41 U		0.4 U		0.4 U		0.42 U		0.44 U	
SW8270	Caprolactam	ug/L	2.4 U		2.6 U		2.1 U		2.1 U		2.1 U		2.2 U		2.3 U	
SW8270	Carbazole	ug/L	1.1 J		0.35 U		0.33 J		0.28 U		0.28 U		0.3 U		0.32 U	
SW8270	Chrysene	ug/L	2.6 J		0.71 J		0.41 J		0.31 U		0.31 U		0.33 U		0.35 U	
SW8270	Di-n-butyl phthalate	ug/L	5.6 U		0.36 U		0.3 J		0.29 U		0.29 U		0.31 U		1.5 J	
SW8270	Di-n-octyl phthalate	ug/L	0.52 U		0.55 U		0.45 U		0.44 U		0.44 U		0.47 U		0.49 U	
SW8270	Dibenz(a,h)anthracene	ug/L	0.47 U		0.49 U		0.41 U		0.4 U		0.4 U		0.42 U		0.44 U	
SW8270	Dibenzofuran	ug/L	0.5/ U		0.8 U		0.49 U		0.48 U		0.48 U		0.51 U		0.54 U	
SW8270	Diethyl phthalate	ug/L	0.24 U		0.26 U		0.21 U		0.21 U		0.21 U		0.22 U		0.23 U	
SW8270	Dimethyl phthalate	ug/L	0.4 U		0.42 U		0.35 U		0.34 U		0.34 U		0.36 U		0.38 U	
SW8270	Fluoranthene	ug/L	5.4 J		1.5 J		3.3 J		0.38 U		0.38 U		0.4 U		0.42 U	
SW8270	Fluorene	ug/L	0.81 J		0.42 U		0.35 U		0.34 U		0.34 U		0.36 U		0.38 U	
SW8270	Hexachlorobenzene	ug/L	0.57 U		0.6 U		0.49 U		0.48 U		0.48 U		0.51 U		0.54 U	
SW8270	Hexachlorobutadiene	ug/L	0.76 U		0.8 U		0.66 U		0.64 U		0.64 U		0.68 U		0.72 U	
SW8270	Hexachlorocyclopentadiene	ug/L	0.66 U		0.69 U		0.57 U		0.56 U		0.56 U		0.59 U		0.62 U	
SW8270	Hexachloroethane	ug/L	0.66 U		0.69 U		0.57 U		0.56 U		0.56 U		0.59 U		0.62 U	
SW8270	Indeno(1,2,3-cd)pyrene	ug/L	1.3 J		0.55 U		0.45 U		0.44 U		0.44 U		0.47 U		0.49 U	
SW8270	Isophorone	ug/L	0.48 U		0.51 U		0.42 U		0.41 U		0.41 U		0.43 U		0.45 U	
SW8270	N-Nitrosodi-n-propylamine	ug/L	0.6 U		0.64 U		0.52 U		0.51 U		0.51 U		0.54 U		0.57 U	
SW8270	N-Nitrosodiphenylamine	ug/L	0.57 U		0.6 U		0.49 U		0.77 J		0.48 U		0.51 U		0.54 U	
SW8270	Naphthalene	ug/L	0.84 U		0.89 U		0.73 U		0.72 U		0.72 U		0.76 U		0.8 U	
SW8270	Nitrobenzene	ug/L	0.32 U		0.34 U		0.28 U		0.27 U		0.27 U		0.29 U		0.31 U	
SW8270	Pentachlorophenol	ug/L	2.4 U		2.6 U		2.1 U		2.1 U		2.1 U		2.2 U		2.3 U	
SW8270	Phenanthrene	ug/L	3.5 J		1.2 J		0.85 J		0.42 U		0.42 U		0.44 U		0.46 U	
SW8270	Phenol	ug/L	0.43 U		0.46 U		0.38 U		0.37 U		0.37 U		0.39 U		0.41 U	
SW8270	Pyrene	ug/L	4.6 J		1.4 J		0.69 J		0.32 U		0.32 U		0.34 U		0.36 U	

Notes:
U = undetected
J = estimated value

Table 3
Data Validation Summary Report
2011 Groundwater Monitoring
Honeywell - Buffalo Color Area C
Buffalo, New York
SVOCs

Location ID			BCC-AREA C-PS-05A	BCC-AREA C-PS-06	BCC-AREA C-PS-06	BCC-AREA C-PS-06	BCC-AREA C-PS-06	BCC-AREA C-PS-06	BCC-AREA C-RFI-20	BCC-AREA C-RFI-20	BCC-AREA C-RFI-20	BCC-AREA C-RFI-20	BCC-AREA C-RFI-20	BCC-AREA C-RFI-31	BCC-AREA C-RFI-31	
Field Sample ID			BCC-AREA C-PS-05A-1111	BCC-AREAC-PS-06-0311	BCC-AREAC-PS-06-0611	BCC-AREA C-PS-06-0911	BCC-AREAC-PS-06-1111	BCC-AREAC-RFI-20-0311	BCC-AREAC-RFI-20-0611	BCC-AREA C-RFI-20-0911	BCC-AREA C-RFI-20-1111	BCC-AREA C-RFI-20D-1111	BCC-AREAC-RFI-31-0311	BCC-AREAC-RFI-31-0611		
Sample Date			11/25/11	03/24/11	06/29/11	09/30/11	11/25/11	03/24/11	06/29/11	09/30/11	11/25/11	11/25/11	03/24/11	06/29/11		
SDG			480-13191-1	480-2955-1	480-6787-1	480-10688-1	480-13191-1	480-2955-1	480-6787-1	480-10688-1	480-13191-1	480-13191-1	480-2955-1	480-6787-1		
Method	Parameter	Units	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier
SW8270	2,4,5-Trichlorophenol	ug/L	0.45 U		0.49 U		0.45 U		2.5 U		0.45 U		0.51 U		0.45 U	
SW8270	2,4,6-Trichlorophenol	ug/L	0.58 U		0.63 U		0.58 U		3.2 U		0.58 U		0.64 U		0.58 U	
SW8270	2,4-Dichlorophenol	ug/L	0.48 U		0.53 U		0.48 U		2.7 U		0.48 U		0.75 J		0.48 U	
SW8270	2,4-Dimethylphenol	ug/L	0.47 U		1.8 J		1.3 J		2.6 U		0.47 U		0.53 U		0.47 U	
SW8270	2,4-Dinitrophenol	ug/L	2.1 U		2.3 U		2.1 U		12 U		2.1 U		2.3 U		2.1 U	
SW8270	2,4-Dinitrotoluene	ug/L	0.42 U		0.46 U		0.42 U		2.4 U		0.42 U		0.47 U		0.42 U	
SW8270	2,6-Dinitrotoluene	ug/L	0.38 U		0.41 U		0.38 U		2.1 U		0.38 U		0.42 U		0.38 U	
SW8270	2-Chloronaphthalene	ug/L	0.43 U		0.47 U		0.43 U		2.4 U		0.43 U		0.48 U		0.43 U	
SW8270	2-Chlorophenol	ug/L	4.3 J		0.56 J		0.5 U		2.8 U		0.5 U		9.6		1.8 J	
SW8270	2-Methylnaphthalene	ug/L	0.57 U		0.62 U		0.57 U		3.2 U		0.57 U		0.63 U		0.57 U	
SW8270	2-Methylphenol	ug/L	0.38 U		2.4 J		2 J		2.1 U		0.38 U		0.42 U		0.38 U	
SW8270	2-Nitroaniline	ug/L	0.4 U		0.43 U		0.4 U		2.2 U		0.4 U		0.44 U		0.4 U	
SW8270	2-Nitrophenol	ug/L	0.45 U		0.49 U		0.45 U		2.5 U		0.45 U		0.51 U		0.45 U	
SW8270	3,3'-Dichlorobenzidine	ug/L	0.38 U		0.41 U		0.38 U		2.1 U		0.38 U		0.42 U		0.38 U	
SW8270	3-Nitroaniline	ug/L	0.45 U		0.49 U		0.45 U		2.5 U		0.45 U		0.51 U		0.45 U	
SW8270	4,6-Dinitro-2-methylphenol	ug/L	2.1 U		2.3 U		2.1 U		12 U		2.1 U		2.3 U		2.1 U	
SW8270	4-Bromophenyl phenyl ether	ug/L	0.42 U		0.46 U		0.42 U		2.4 U		0.42 U		0.47 U		0.42 U	
SW8270	4-Chloro-3-methylphenol	ug/L	0.42 U		0.46 U		0.42 U		2.4 U		0.42 U		0.47 U		0.42 U	
SW8270	4-Chloroaniline	ug/L	0.56 U		0.61 U		0.56 U		3.1 U		0.56 U		0.62 U		0.56 U	
SW8270	4-Chlorophenyl phenyl ether	ug/L	0.33 U		0.36 U		0.33 U		1.8 U		0.33 U		0.37 U		0.33 U	
SW8270	4-Methylphenol	ug/L	0.34 U		0.37 U		0.34 U		1.9 U		0.34 U		0.38 U		0.34 U	
SW8270	4-Nitroaniline	ug/L	0.24 U		0.26 U		0.24 U		1.3 U		0.24 U		0.26 U		0.24 U	
SW8270	4-Nitrophenol	ug/L	1.4 U		1.6 U		1.4 U		8 U		1.4 U		1.6 U		1.4 U	
SW8270	Acenaphthene	ug/L	0.39 U		0.42 U		0.39 U		2.2 U		0.39 U		0.43 U		0.39 U	
SW8270	Acenaphthylene	ug/L	0.36 U		0.39 U		0.36 U		2 U		0.36 U		0.4 U		0.36 U	
SW8270	Acetophenone	ug/L	0.51 U		0.56 U		0.51 U		2.8 U		0.51 U		0.57 U		0.51 U	
SW8270	Aniline	ug/L	0.58 U		45		36		8.9 J		0.58 U		0.64 U		0.58 U	
SW8270	Anthracene	ug/L	0.26 U		0.47 J		0.31 J		1.5 U		0.26 U		0.29 U		0.26 U	
SW8270	Atrazine	ug/L	0.43 U		0.47 U		0.43 U		2.4 U		0.43 U		0.48 U		0.43 U	
SW8270	Benzaldehyde	ug/L	0.25 U		0.4 J		0.25 U		1.4 U		0.25 U		0.28 U		0.25 U	
SW8270	Benzo(a)anthracene	ug/L	0.34 U		0.37 U		0.34 U		1.9 U		0.34 U		0.38 U		0.34 U	
SW8270	Benzo(a)pyrene	ug/L	0.44 U		0.48 U		0.44 U		2.5 U		0.44 U		0.49 U		0.44 U	
SW8270	Benzo(b)fluoranthene	ug/L	0.32 U		0.35 U		0.32 U		1.8 U		0.32 U		0.36 U		0.32 U	
SW8270	Benzo(g,h,i)perylene	ug/L	0.33 U		0.36 U		0.33 U		1.8 U		0.33 U		0.37 U		0.33 U	
SW8270	Benzo(k)fluoranthene	ug/L	0.69 U		0.75 U		0.69 U		3.8 U		0.69 U		0.77 U		0.69 U	
SW8270	Biphenyl	ug/L	0.62 U		0.67 U		0.62 U		3.4 U		0.62 U		0.69 U		0.62 U	
SW8270	bis (2-chloroisopropyl) ether	ug/L	0.49 U		0.54 U		0.49 U		2.7 U		0.49 U		0.55 U		0.49 U	
SW8270	Bis(2-chloroethoxy)methane	ug/L	0.33 U		0.36 U		0.33 U		1.8 U		0.33 U		0.37 U		0.33 U	
SW8270	Bis(2-chloroethyl)ether	ug/L	0.38 U		0.41 U		0.38 U		2.1 U		0.38 U		0.42 U		0.38 U	
SW8270	Bis(2-ethylhexyl) phthalate	ug/L	1.7 U		1.9 U		1.7 U		9.5 U		1.7 U		1.9 U		1.7 U	
SW8270	Butyl benzyl phthalate	ug/L	0.4 U		0.43 U		0.4 U		2.2 U		0.4 U		0.44 U		0.4 U	
SW8270	Caprolactam	ug/L	2.1 UJ		2.3 U		2.1 U		12 U		2.1 UJ		2.3 U		2.1 UJ	
SW8270	Carbazole	ug/L	0.28 U		0.47 J		0.38 J		1.6 U		0.28 U		0.32 U		0.28 U	
SW8270	Chrysene	ug/L	0.31 U		0.34 U		0.31 U		1.7 U		0.31 U		0.35 U		0.31 U	
SW8270	Di-n-butyl phthalate	ug/L	0.54 J		5.2 U		4.7 U		1.6 U		0.35 J		0.29 U		0.3 J	
SW8270	Di-n-octyl phthalate	ug/L	0.44 U		0.48 U		0.44 U		2.5 U		0.44 U		0.49 U		0.44 U	
SW8270	Dibenz(a,h)anthracene	ug/L	0.4 U		0.43 U		0.4 U		2.2 U		0.4 U		0.44 U		0.4 U	
SW8270	Dibenzofuran	ug/L	0.48 U		0.53 U		0.48 U		2.7 U		0.48 U		0.54 U		0.48 U	
SW8270	Diethyl phthalate	ug/L	0.21 U		0.23 U		0.21 U		1.2 U		0.21 U		0.23 U		0.21 U	
SW8270	Dimethyl phthalate	ug/L	0.34 U		0.37 U		0.34 U		1.9 U		0.34 U		0.38 U		0.34 U	
SW8270	Fluoranthene	ug/L	0.38 U		0.41 U		0.38 U		2.1 U		0.38 U		0.42 U		0.38 U	
SW8270	Fluorene	ug/L	0.34 U		0.37 U		0.34 U		1.9 U		0.34 U		0.38 U		0.34 U	
SW8270	Hexachlorobenzene	ug/L	0.48 U		0.53 U		0.48 U		2.7 U		0.48 U		0.54 U		0.48 U	
SW8270	Hexachlorobutadiene	ug/L	0.64 U		0.7 U		0.64 U		3.6 U		0.64 U		0.72 U		0.64 U	
SW8270	Hexachlorocyclopentadiene	ug/L	0.56 U		0.61 U		0.56 U		3.1 U		0.56 U		0.62 U		0.56 U	
SW8270	Hexachloroethane	ug/L	0.56 U		0.61 U		0.56 U		3.1 U		0.56 U		0.62 U		0.56 U	
SW8270	Indeno(1,2,3-cd)pyrene	ug/L	0.44 U		0.48 U		0.44 U		2.5 U		0.44 U		0.49 U		0.44 U	
SW8270	Isophorone	ug/L	0.41 U		0.44 U		0.41 U		2.3 U		0.41 U		0.45 U		0.41 U	
SW8270	N-Nitrosodi-n-propylamine	ug/L	0.51 U		0.56 U		0.51 U		2.8 U		0.51 U		0.57 U		0.51 U	
SW8270	N-Nitrosodiphenylamine	ug/L	0.48 U		0.53 U		0.48 U		2.7 U		0.48 U		0.54 U		0.48 U	
SW8270	Naphthalene	ug/L	0.72 U		0.78 U		0.72 U		4 U		0.72 U		0.8 U		0.72 U	
SW8270	Nitrobenzene	ug/L	0.27 U		0.3 U		0.27 U		1.5 U		0.27 U		0.31 U		0.27 U	
SW8270	Pentachlorophenol	ug/L	2.1 U		2.3 U		2.1 U		12 U		2.1 U		2.3 U		2.1 U	
SW8270	Phenanthrene	ug/L	0.42 U		0.45 U		0.49 J		2.3 U		0.42 U		0.46 U		0.42 U	
SW8270	Phenol	ug/L	0.37 U		1.9 J		0.37 U		2.1 U		0.37 U		0.41 U		0.37 U	
SW8270	Pyrene	ug/L	0.32 U		0.35 U		0.32 U		1.8 U		0.32 U		0.36 U		0.32 U	

Notes:
U = undetected
J = estimated value

Table 3
Data Validation Summary Report
2011 Groundwater Monitoring
Honeywell - Buffalo Color Area C
Buffalo, New York
SVOCs

Location ID			BCC-AREA C-RFI-31D		BCC-AREA C-RFI-31		BCC-AREA C-RFI-31		BCC-AREA C-RFI-31	
Field Sample ID			BCC-AREAC-RFI-31D-0611		BCC-AREAC-RFI-31-0911		BCC-AREAC-RFI-31D-0911		BCC-AREAC-RFI-31-1111	
Sample Date			06/29/11		09/30/11		09/30/11		11/25/11	
SDG			480-6787-1		480-10688-1		480-10688-1		480-13191-1	
Method	Parameter	Units	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier
SW8270	2,4,5-Trichlorophenol	ug/L	2 J		2.7 J		4 J		6.6	
SW8270	2,4,6-Trichlorophenol	ug/L	0.58 U		0.66 U		0.66 U		0.58 U	
SW8270	2,4-Dichlorophenol	ug/L	0.48 U		25 J		8.7 J		0.48 U	
SW8270	2,4-Dimethylphenol	ug/L	0.47 U		0.54 U		0.54 U		0.47 U	
SW8270	2,4-Dinitrophenol	ug/L	2.1 U		2.4 U		2.4 U		2.1 U	
SW8270	2,4-Dinitrotoluene	ug/L	0.42 U		0.49 U		0.48 U		0.42 U	
SW8270	2,6-Dinitrotoluene	ug/L	0.38 U		0.43 U		0.43 U		0.38 U	
SW8270	2-Chloronaphthalene	ug/L	0.44 U		0.5 U		0.49 U		0.43 U	
SW8270	2-Chlorophenol	ug/L	3.8 J		2.6 J		2.8 J		3 J	
SW8270	2-Methylnaphthalene	ug/L	0.57 U		0.65 U		0.65 U		0.57 U	
SW8270	2-Methylphenol	ug/L	0.38 U		0.43 U		0.43 U		0.38 U	
SW8270	2-Nitroaniline	ug/L	0.4 U		0.46 U		0.45 U		0.4 U	
SW8270	2-Nitrophenol	ug/L	0.45 U		0.52 U		0.52 U		0.45 U	
SW8270	3,3'-Dichlorobenzidine	ug/L	0.38 U		0.43 U		0.43 U		0.38 U	
SW8270	3-Nitroaniline	ug/L	0.45 U		0.52 U		0.52 U		0.45 U	
SW8270	4,6-Dinitro-2-methylphenol	ug/L	2.1 U		2.4 U		2.4 U		2.1 U	
SW8270	4-Bromophenyl phenyl ether	ug/L	0.43 U		0.49 U		0.48 U		0.42 U	
SW8270	4-Chloro-3-methylphenol	ug/L	0.43 U		0.49 U		0.48 U		0.42 U	
SW8270	4-Chloroaniline	ug/L	0.56 U		0.64 U		0.63 U		0.56 U	
SW8270	4-Chlorophenyl phenyl ether	ug/L	0.33 U		0.38 U		0.38 U		0.33 U	
SW8270	4-Methylphenol	ug/L	0.34 U		0.39 U		0.39 U		0.34 U	
SW8270	4-Nitroaniline	ug/L	0.24 U		0.27 U		0.27 U		0.24 U	
SW8270	4-Nitrophenol	ug/L	1.4 U		1.7 U		1.6 U		1.4 U	
SW8270	Acenaphthene	ug/L	0.39 U		0.45 U		0.44 U		0.39 U	
SW8270	Acenaphthylene	ug/L	0.36 U		0.41 U		0.41 U		0.36 U	
SW8270	Acetophenone	ug/L	0.51 U		0.59 U		0.58 U		0.51 U	
SW8270	Aniline	ug/L	0.58 U		0.66 U		1.1 J		0.58 U	
SW8270	Anthracene	ug/L	0.27 U		0.3 U		0.3 U		0.26 U	
SW8270	Atrazine	ug/L	0.44 U		0.5 U		0.49 U		0.43 U	
SW8270	Benzaldehyde	ug/L	0.25 U		0.29 U		0.29 U		0.25 U	
SW8270	Benzo(a)anthracene	ug/L	0.34 U		0.39 U		0.39 U		0.34 U	
SW8270	Benzo(a)pyrene	ug/L	0.45 U		0.51 U		0.51 U		0.44 U	
SW8270	Benzo(b)fluoranthene	ug/L	0.32 U		0.37 U		0.37 U		0.32 U	
SW8270	Benzo(g,h,i)perylene	ug/L	0.33 U		0.38 U		0.38 U		0.33 U	
SW8270	Benzo(k)fluoranthene	ug/L	0.69 U		0.79 U		0.78 U		0.69 U	
SW8270	Biphenyl	ug/L	0.62 U		0.71 U		0.7 U		0.62 U	
SW8270	bis (2-chloroisopropyl) ether	ug/L	0.49 U		0.57 U		0.56 U		0.49 U	
SW8270	Bis(2-chloroethoxy)methane	ug/L	0.33 U		0.38 U		0.38 U		0.33 U	
SW8270	Bis(2-chloroethyl)ether	ug/L	0.38 U		0.43 U		0.43 U		0.38 U	
SW8270	Bis(2-ethylhexyl) phthalate	ug/L	1.7 U		2 U		1.9 U		1.7 U	
SW8270	Butyl benzyl phthalate	ug/L	0.4 U		0.46 U		0.45 U		0.4 U	
SW8270	Caprolactam	ug/L	2.1 U		2.4 U		2.4 U		2.1 UJ	
SW8270	Carbazole	ug/L	0.28 U		0.33 U		0.32 U		0.28 U	
SW8270	Chrysene	ug/L	0.31 U		0.36 U		0.35 U		0.31 U	
SW8270	Di-n-butyl phthalate	ug/L	4.7 U		0.34 U		0.47 J		0.29 U	
SW8270	Di-n-octyl phthalate	ug/L	0.45 U		0.51 U		0.51 U		0.44 U	
SW8270	Dibenz(a,h)anthracene	ug/L	0.4 U		0.46 U		0.45 U		0.4 U	
SW8270	Dibenzofuran	ug/L	0.48 U		0.55 U		0.55 U		0.48 U	
SW8270	Diethyl phthalate	ug/L	0.99 J		1.7 J		5.1 J		1.7 J	
SW8270	Dimethyl phthalate	ug/L	0.34 U		0.39 U		0.39 U		0.34 U	
SW8270	Fluoranthene	ug/L	0.38 U		0.43 U		0.43 U		0.38 U	
SW8270	Fluorene	ug/L	0.34 U		0.39 U		0.39 U		0.34 U	
SW8270	Hexachlorobenzene	ug/L	0.48 U		0.55 U		0.55 U		0.48 U	
SW8270	Hexachlorobutadiene	ug/L	0.64 U		0.74 U		0.73 U		0.64 U	
SW8270	Hexachlorocyclopentadiene	ug/L	0.56 U		0.64 U		0.63 U		0.56 U	
SW8270	Hexachloroethane	ug/L	0.56 U		0.64 U		0.63 U		0.56 U	
SW8270	Indeno(1,2,3-cd)pyrene	ug/L	0.45 U		0.51 U		0.51 U		0.44 U	
SW8270	Isophorone	ug/L	0.41 U		0.47 U		0.46 U		0.41 U	
SW8270	N-Nitrosodi-n-propylamine	ug/L	0.51 U		0.59 U		0.58 U		0.51 U	
SW8270	N-Nitrosodiphenylamine	ug/L	0.48 U		0.55 U		0.55 U		0.48 U	
SW8270	Naphthalene	ug/L	0.72 U		0.83 U		0.82 U		0.72 U	
SW8270	Nitrobenzene	ug/L	0.27 U		0.32 U		0.31 U		0.27 U	
SW8270	Pentachlorophenol	ug/L	2.1 U		2.4 U		2.4 U		2.1 U	
SW8270	Phenanthrene	ug/L	0.42 U		0.48 U		0.47 U		0.42 U	
SW8270	Phenol	ug/L	0.37 U		0.42 U		0.42 U		0.37 U	
SW8270	Pyrene	ug/L	0.32 U		0.37 U		0.37 U		0.32 U	

Notes:
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Table 3
Data Validation Summary Report
2011 Groundwater Monitoring
Honeywell - Buffalo Color Area C
Buffalo, New York
Total Metals

Location ID Field Sample ID Sample Date SDG			BCC-AREAC-MW-C01		BCC-AREA C-MW-C01		BCC-AREA C-MW-C01		BCC-AREAC-MW-C04		BCC-AREAC-MW-C04		BCC-AREA C-MW-C04		BCC-AREA C-MW-C04		BCC-AREA C-PS-04		BCC-AREA C-PS-04D		BCC-AREA C-PS-04	
			BCC-AREAC-MW-C01-0611		BCC-AREA C-MW-C01-0911		BCC-AREA C-MW-C01-1111		BCC-AREAC-MW-C04-0311		BCC-AREAC-MW-C04-0611		BCC-AREA C-MW-C04-0911		BCC-AREA C-MW-C04-1111		BCC-AREAC-PS-04-0311		BCC-AREAC-PS-04D-0311		BCC-AREA C-PS-04-911	
			06/29/11		09/30/11		11/25/11		03/24/11		06/29/11		09/30/11		11/25/11		03/24/11		03/24/11		09/30/11	
			480-6787-1		480-10688-1		480-13191-1		480-2955-1		480-6787-1		480-10688-1		480-13191-1		480-2955-1		480-2955-1		480-10688-1	
Method	Parameter	Units	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier
SW6010	Aluminum	mg/L	31.4		32.6		0.44		0.2 U		0.2 U		0.2 U		0.2 U		1.6		2.2		0.2 U	
SW6010	Antimony	mg/L	0.02 U		0.02 U		0.02 U		0.02 U		0.02 U		0.02 U		0.02 U		0.02 U		0.02 U		0.02 U	
SW6010	Arsenic	mg/L	0.026		0.044		0.018		0.01 U		0.01 U		0.01 U		0.01 U		0.01 U		0.01 U		0.01 U	
SW6010	Barium	mg/L	0.72		1.3		0.95		0.85		1		0.81		0.28		0.079		0.081		0.063	
SW6010	Beryllium	mg/L	0.002 U		0.002 U		0.002 U		0.002 U		0.002 U		0.002 U		0.002 U		0.002 U		0.002 U		0.002 U	
SW6010	Cadmium	mg/L	0.0027		0.0025		0.0014		0.001 U		0.001 U		0.001 U		0.001 U		0.0023		0.0025		0.0034	
SW6010	Calcium	mg/L	476		1300		922		177		212		235		277		234		235		197	
SW6010	Chromium	mg/L	0.12		0.1		0.004 U		0.004 U		0.004 U		0.004 U		0.004 U		0.0044		0.0049		0.004 U	
SW6010	Cobalt	mg/L	0.027		0.03		0.0056		0.004 U		0.004 U		0.004 U		0.004 U		0.016		0.016		0.0074	
SW6010	Copper	mg/L	0.1		0.1		0.01 U		0.01 U		0.01 U		0.01 U		0.01 U		0.11		0.12		0.17	
SW6010	Iron	mg/L	55.5		77		23.4		10.4		7.9		6.3		8.9		7.9		8.1		0.33	
SW6010	Lead	mg/L	0.19		0.14		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.0073		0.005 U	
SW6010	Magnesium	mg/L	142		531		419		12.3		15		16.9		22.4		76.2		78.1		47.4	
SW6010	Manganese	mg/L	1.8		1.9		1.1		1.1		1.3		1.3		2		0.21		0.22		0.11	
SW6010	Nickel	mg/L	0.084		0.081		0.01 U		0.01 U		0.01 U		0.01 U		0.01 U		0.085		0.086		0.031	
SW6010	Potassium	mg/L	28.1		37.7		28.5		4.9		7.1		8.4		7.6		6.3		6.5		5.1	
SW6010	Selenium	mg/L	0.015 U		0.015 U		0.015 U		0.015 U		0.015 U		0.015 U		0.015 U		0.015 U		0.015 U		0.015 U	
SW6010	Silver	mg/L	0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
SW6010	Sodium	mg/L	7910		14400		13600		19		29.2		37.1		33.5		30.2		30.5		14.1	
SW6010	Thallium	mg/L	0.02 U		0.02 U		0.02 U		0.02 U		0.02 U		0.02 U		0.02 U		0.02 U		0.02 U		0.02 U	
SW6010	Vanadium	mg/L	0.072		0.06		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.0052		0.005 U	
SW6010	Zinc	mg/L	0.83		0.89		0.033		0.01 U		0.01 U		0.01 U		0.01 U		0.46		0.46		0.16	
SW7470	Mercury	mg/L	0.0015		0.0011		0.0002 U		0.0002 U		0.0002 U		0.0002 U		0.0002 U		0.00033		0.00048		0.0002 U	

Notes:
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Table 3
Data Validation Summary Report
2011 Groundwater Monitoring
Honeywell - Buffalo Color Area C
Buffalo, New York
Total Metals

Location ID Field Sample ID Sample Date SDG			BCC-AREA C-PS-04 BCC-AREA C-PS-04-1111 11/25/11 480-13191-1		BCC-AREA C-PS-05A BCC-AREA C-PS-05A-0911 09/30/11 480-10688-1		BCC-AREA C-PS-05A BCC-AREA C-PS-05A-1111 11/25/11 480-13191-1		BCC-AREA C-PS-06 BCC-AREAC-PS-06-0311 03/24/11 480-2955-1		BCC-AREA C-PS-06 BCC-AREAC-PS-06-0611 06/29/11 480-6787-1		BCC-AREA C-PS-06 BCC-AREA C-PS-06-0911 09/30/11 480-10688-1		BCC-AREA C-PS-06 BCC-AREA C-PS-06-1111 11/25/11 480-13191-1		BCC-AREA C-RFI-20 BCC-AREAC-RFI-20-0311 03/24/11 480-2955-1		BCC-AREA C-RFI-20 BCC-AREAC-RFI-20-0611 06/29/11 480-6787-1		BCC-AREA C-RFI-20 BCC-AREA C-RFI-20-0911 09/30/11 480-10688-1	
Method	Parameter	Units	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier
SW6010	Aluminum	mg/L	0.2	U	2		0.2	U	0.73		0.2	U	0.2		0.2	U	0.2		0.2	U	0.2	U
SW6010	Antimony	mg/L	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
SW6010	Arsenic	mg/L	0.01	U	0.16		0.088		0.037		0.038		0.065		0.054		0.01	U	0.01	U	0.011	
SW6010	Barium	mg/L	0.03		0.033		0.019		0.034		0.024		0.03		0.027		0.012		0.018		0.02	
SW6010	Beryllium	mg/L	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
SW6010	Cadmium	mg/L	0.0015		0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.0014		0.001	U
SW6010	Calcium	mg/L	104		225		320		234		229		268		281		413		373		395	
SW6010	Chromium	mg/L	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
SW6010	Cobalt	mg/L	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
SW6010	Copper	mg/L	0.12		0.016		0.01	U	0.01		0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
SW6010	Iron	mg/L	0.17		18.3		24.4		57.2		53.8		59.2		64.6		1.5		4.3		4.5	
SW6010	Lead	mg/L	0.005	U	0.0088		0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U
SW6010	Magnesium	mg/L	26.9		13.6		23		10.4		9.8		11.4		187		113		121		121	
SW6010	Manganese	mg/L	0.05		0.37		0.4		0.28		0.26		0.31		0.33		1.8		1.1		1.5	
SW6010	Nickel	mg/L	0.013		0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
SW6010	Potassium	mg/L	2.2		15.6		15.1		147		143		144		139		3		9.6		7.7	
SW6010	Selenium	mg/L	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U
SW6010	Silver	mg/L	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
SW6010	Sodium	mg/L	8.3		149		105		253		205		228		199		190		145		157	
SW6010	Thallium	mg/L	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
SW6010	Vanadium	mg/L	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U
SW6010	Zinc	mg/L	0.067		0.054		0.01	U	0.026		0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
SW7470	Mercury	mg/L	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U

Notes:
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J = estimated value

Table 3
Data Validation Summary Report
2011 Groundwater Monitoring
Honeywell - Buffalo Color Area C
Buffalo, New York
Total Metals

Location ID			BCC-AREA C-RFI-20		BCC-AREA C-RFI-20		BCC-AREA C-RFI-31		BCC-AREA C-RFI-31		BCC-AREA C-RFI-31D		BCC-AREA C-RFI-31		BCC-AREA C-RFI-31		BCC-AREA C-RFI-31	
Field Sample ID			BCC-AREA C-RFI-20-1111		BCC-AREA C-RFI-20D-1111		BCC-AREAC-RFI-31-0311		BCC-AREAC-RFI-31-0611		BCC-AREAC-RFI-31D-0611		BCC-AREA C-RFI-31-0911		BCC-AREA C-RFI-31D-0911		BCC-AREA C-RFI-31-1111	
Sample Date			11/25/11		11/25/11		03/24/11		06/29/11		06/29/11		09/30/11		09/30/11		11/25/11	
SDG			480-13191-1		480-13191-1		480-2955-1		480-6787-1		480-6787-1		480-10688-1		480-10688-1		480-13191-1	
Method	Parameter	Units	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier
SW6010	Aluminum	mg/L	0.2	U	0.2	U	0.2	U	0.38		0.38		0.25		0.24		0.2	U
SW6010	Antimony	mg/L	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
SW6010	Arsenic	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
SW6010	Barium	mg/L	0.016		0.016		0.028		0.042		0.042		0.03		0.031		0.036	
SW6010	Beryllium	mg/L	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
SW6010	Cadmium	mg/L	0.001	U	0.001	U	0.001	U	0.001		0.001		0.001	U	0.001	U	0.001	U
SW6010	Calcium	mg/L	410		407		542		160		161		386		351		264	
SW6010	Chromium	mg/L	0.004	U	0.004	U	0.024		0.007		0.007		0.0068		0.0074		0.004	U
SW6010	Cobalt	mg/L	0.004	U	0.004	U	0.005		0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
SW6010	Copper	mg/L	0.01	U	0.01	U	0.01	U	0.013		0.012		0.01	U	0.01	U	0.01	U
SW6010	Iron	mg/L	1.2		1.2		7		0.34		0.34		3.1		2.5		0.45	
SW6010	Lead	mg/L	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U
SW6010	Magnesium	mg/L	224		216		179		49.7		50.1		123		108		78.9	
SW6010	Manganese	mg/L	1.8		1.7		1		0.42		0.42		0.98		0.98		1	
SW6010	Nickel	mg/L	0.01	U	0.01	U	0.028		0.025		0.025		0.02		0.02		0.017	
SW6010	Potassium	mg/L	4.3		4.2		16.1		19.1		19.4		24.4		25.3		23.6	
SW6010	Selenium	mg/L	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U
SW6010	Silver	mg/L	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
SW6010	Sodium	mg/L	229		226		2780		2000		2010		2740		2700		2650	
SW6010	Thallium	mg/L	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
SW6010	Vanadium	mg/L	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U
SW6010	Zinc	mg/L	0.01	U	0.01	U	0.036		0.025		0.026		0.032		0.028		0.024	
SW7470	Mercury	mg/L	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U

Notes:
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Table 3
Data Validation Summary Report
2011 Groundwater Monitoring
Honeywell - Buffalo Color Area C
Buffalo, New York
Dissolved Metals

			Location ID Field Sample ID Sample Date SDG		BCC-AREAC-MW-C01 BCC-AREAC-MW-C01-0611 06/29/11 480-6787-1		BCC-AREA C-MW-C01 BCC-AREA C-MW-C01-0911 09/30/11 480-10688-1		BCC-AREA C-RFI-31 BCC-AREA C-RFI-31-0911 09/30/11 480-10688-1		BCC-AREA C-RFI-31 BCC-AREA C-RFI-31D-0911 09/30/11 480-10688-1	
Method	Parameter	Units	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier	Lab Result	Qualifier
SW6010	Aluminum, Dissolved	mg/L	0.2	U	0.2	U	0.37		0.2	U		
SW6010	Antimony, Dissolved	mg/L	0.02	U	0.02	U	0.02	U	0.02	U		
SW6010	Arsenic, Dissolved	mg/L	0.01	U	0.01	U	0.01	U	0.01	U		
SW6010	Barium, Dissolved	mg/L	0.49		1		0.015		0.023			
SW6010	Beryllium, Dissolved	mg/L	0.002	U	0.002	U	0.002	U	0.002	U		
SW6010	Cadmium, Dissolved	mg/L	0.001		0.0013		0.001	U	0.001	U		
SW6010	Calcium, Dissolved	mg/L	376		1230		156		369			
SW6010	Chromium, Dissolved	mg/L	0.004	U	0.004	U	0.004	U	0.004	U		
SW6010	Cobalt, Dissolved	mg/L	0.004	U	0.0052		0.004	U	0.004	U		
SW6010	Copper, Dissolved	mg/L	0.01	U	0.01	U	0.01	U	0.01	U		
SW6010	Iron, Dissolved	mg/L	0.05	U	2		0.05	U	0.05	U		
SW6010	Lead, Dissolved	mg/L	0.005	U	0.005	U	0.005	U	0.005	U		
SW6010	Magnesium, Dissolved	mg/L	103		536		61		125			
SW6010	Manganese, Dissolved	mg/L	0.85		1.1		0.3		0.87			
SW6010	Nickel, Dissolved	mg/L	0.01	U	0.012		0.015		0.022			
SW6010	Potassium, Dissolved	mg/L	23.7		29.2		27.7		22.4			
SW6010	Selenium, Dissolved	mg/L	0.015	U	0.015	U	0.015	U	0.015	U		
SW6010	Silver, Dissolved	mg/L	0.003	U	0.003	U	0.003	U	0.003	U		
SW6010	Sodium, Dissolved	mg/L	7310		14000		2240		2560			
SW6010	Thallium, Dissolved	mg/L	0.02	U	0.02	U	0.02	U	0.02	U		
SW6010	Vanadium, Dissolved	mg/L	0.005	U	0.005	U	0.005	U	0.005	U		
SW6010	Zinc, Dissolved	mg/L	0.045		0.18		0.01	U	0.034			
SW7470	Mercury, Dissolved	mg/L	0.0002	U	0.0002	U	0.0002	U	0.0002	U		

Notes:

U = undetected

J = estimated value

APPENDIX E

Site-wide and Soil Cover Inspection Forms

SOIL COVER INSPECTION CHECKLIST

Former Buffalo Color Facility, Area C, Buffalo, NY

Date: March 29th 2011
 Weather: Sunny and Cold
 Personnel (Organization): Andrew Madden (Ontario Specialty Contracting)

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

EVALUATION ITEMS

CONDITION: (Check)

Action Required	Acceptable	Not Acceptable	Yes	No	Remarks
(Write NA if not applicable)					
1. Integrity of Soil Cover					
a. Runoff/Erosion Damage	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>None</u>
b. Settlement	<u> </u>	<u>✓</u>	<u>✓</u>	<u> </u>	<u>Light Pooling</u>
c. Missing/Insufficient grass/vegetation	<u> </u>	<u>✓</u>	<u>✓</u>	<u> </u>	<u>Hydro Seeding Scheduled</u>
d. Animal Burrows	<u>✓</u>	<u> </u>	<u> </u>	<u>✓</u>	<u>None</u>
2. Surface Pavement					
a. Condition	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u>Hard cover finishing work scheduled</u>
3. At-Grade/Basement Concrete Slabs (occupied structures)					
a. Condition	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u>None</u>

SPECIFIC DATA ITEMS (Write NA if not applicable)

Area(s): N/A

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) measured 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.

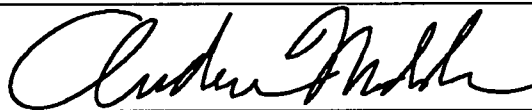
N/A

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



Signature of Inspector(s)

Attachments

_____ Yes ☒ No

Other Comments:

The Area C storm sewer installation is scheduled for the following week and will be followed by site wide landscaping and finishing activities. This will include renewed grading of clay cap, soil cover with hydro seeding and resealing / replacement of concrete and asphalt cover areas.

SOIL COVER INSPECTION CHECKLIST

Former Buffalo Color Facility, Area C, Buffalo, NY

Date: June 24th 2011
Weather: Cloudy and cold
Personnel (Organization): Andrew Madden (Ontario Specialty Contracting)

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

EVALUATION ITEMS

CONDITION: (Check)

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

SPECIFIC DATA ITEMS (Write NA if not applicable)

Area(s): N/A

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) measured 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.

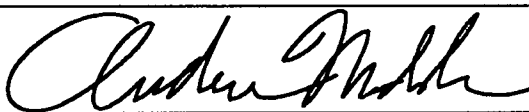
N/A

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



Signature of Inspector(s)

Attachments

_____ Yes ☒ No

Other Comments:

A follow up hydro seeding of the Area C cover was recently performed and grass has started to show.

SOIL COVER INSPECTION CHECKLIST

Former Buffalo Color Facility, Area C, Buffalo, NY

Date: August 22nd 2011
Weather: Sunny and Warm
Personnel (Organization): Andrew Madden (Ontario Specialty Contracting)

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

EVALUATION ITEMS

CONDITION: (Check)

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

SPECIFIC DATA ITEMS (Write NA if not applicable)

Area(s): N/A

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) measured 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.

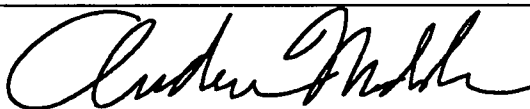
N/A

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



Signature of Inspector(s)

Attachments

_____ Yes ☒ No

Other Comments:

The Area C storm sewer installation was recently wrapped up.

SOIL COVER INSPECTION CHECKLIST

Former Buffalo Color Facility, AreaC, Buffalo, NY

Date: 12/30/2011 4Q2011
 Weather: Sunny and Clear
 Personnel (Organization): Andrew Madden (OSC), Tom Wagner (OSC), David Szymanski (NYSDEC)

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

EVALUATION ITEMS

CONDITION: (Check)

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

SPECIFIC DATA ITEMS (Write NA if not applicable)

Area(s): N/A

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) measured 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.

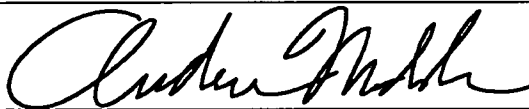
N/A

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



Signature of Inspector(s)

Attachments

_____ Yes ☒ No

Other Comments:

Currently boarding up and further securing the Area C structures.

SITE-WIDE INSPECTION FORM

Former Buffalo Color Facility, Area C, Buffalo, NY

Date: March 29th 2011
 Weather: Sunny and Cold
 Personnel (Organization): Andrew Madden (Ontario Specialty Contracting)

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

EVALUATION ITEMS

CONDITION: (Check)

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

SITE-WIDE INSPECTION FORM (CONTINUED)

Former Buffalo Color Facility, Area C, Buffalo, NY

7. General Site Conditions

The Area C storm sewer installation is scheduled for the following week and will be followed by site wide landscaping and finishing activities. This will include renewed grading of clay cap, soil cover with hydro seeding and resealing / replacement of concrete and asphalt cover areas.



Signature of Inspector(s)

Attachments

_____ Yes

_____ ☒ No

Other Comments:

SITE-WIDE INSPECTION FORM

Former Buffalo Color Facility, Area C, Buffalo, NY

Date: June 24th 2011
 Weather: Cloudy and cold
 Personnel (Organization): Andrew Madden (Ontario Specialty Contracting)

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

EVALUATION ITEMS

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

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

7. General Site Conditions

A follow up hydro seeding of the Area C cover was recently performed and grass has started to show.



Signature of Inspector(s)

Attachments

_____ Yes ☒ No

Other Comments:

SITE-WIDE INSPECTION FORM

Former Buffalo Color Facility, Area C, Buffalo, NY

Date: August 22nd 2011
 Weather: Sunny and Warm
 Personnel (Organization): Andrew Madden (Ontario Specialty Contracting)

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

EVALUATION ITEMS

CONDITION: (Check)

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

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

7. General Site Conditions

The grass has filled in and looks good.



Signature of Inspector(s)

Attachments

_____ Yes

_____ ☒ No

Other Comments:

The Area C storm sewer installation was recently wrapped up.

SITE-WIDE INSPECTION FORM

Former Buffalo Color Facility, Area C, Buffalo, NY

Date: 12/30/2011 4Q2011
 Weather: Sunny and Clear
 Personnel (Organization): Andrew Madden (OSC), Tom Wagner (OSC), David Szymanski (NYSDEC)

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

EVALUATION ITEMS

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

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

7. General Site Conditions

Very Good.



Signature of Inspector(s)

Attachments

☐ Yes

☒ No

Other Comments:

Currently boarding up and further securing the Area C structures.