DRAFT

FILE

REMEDIAL INVESTIGATION REPORT

BUFFALO COLOR CORPORATION
Area ABCE Site
NYSDEC Site No. 915184
Buffalo NY

Prepared for:

HONEYWELL INTERNATIONAL INC.
Morristown New Jersey

Prepared by:

MACTEC ENGINEERING AND CONSULTING, INC.

September 28, 2007

MACTEC

MACTEC Engineering and Consulting
700 North Bell Avenue, Suite 200
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Department of Environmental Conservation

Division of Environmental Remediation

Trench Sampling Report

Area A between EW-1 and Pipe Gallery
Buffalo Color Plant Site
Erie County, New York
SITE NO. 9-15-184

August 2006

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

Trench Sampling report

Area A between EW-1 and Pipe Gallery
Buffalo Color Plant Site
Erie County, New York
SITE NO. 9-15-184

Prepared by:

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

Linda Ross, C.P.G.
Engineering Geologist I

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Sampling Summary

The New York State Department of Environmental Conservation (NYSDEC) sampled the trench which ran from the Pipe Gallery to Extraction Well Number 1 (EW-1) on July 6, 2006 (see attached Figure) on the Buffalo Color Plant Site (hw915184) in Area A.

The trench was excavated on July 5, 2006 by Honeywell Inc's contractor Sevenson under the supervision of MACTEC. NYSDEC's Project Manager Linda Ross asked MACTEC on July 5, 2006, to sample soil which was discolored purple along the sidewall of the trench (TSW-1 and TSW-2), soil in the base of the trench (TB-1 and TB-2) and soil adjacent to EW-1 which was stained black (TSW-3).

On July 5, 2006 MACTEC declined to sample the soil, and so NYSDEC personnel Linda Ross and David Szymanski sampled the soil in the morning of July 6, 2006.

Five samples were taken, as shown on the attached Figure. TSW-1 and TSW-2 were stained purple and were found approximately 6 inches below the surface along the sidewall of the trench. Samples TB-1 and TB-2 were taken from the bottom of the trench approximately 5 feet from the surface. It should be noted that the base of the trench was dry. TSW-3 was taken approximately 1 foot below the surface adjacent to EW-1. TSW-1 was located between EW-1 and the Buffalo River.

The samples were analyzed by Severn Trent Laboratory (STL) Buffalo. The samples were analyzed for Volatile Organic Compounds (VOCs) by EPA Method 8260, Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270 and Metals by EPA Methods 6010 and 7471.

The Tables of detections are found on Tables 1 through 3. Samples which exceed TAGM 4046 are shaded.

Conclusions and Recommendation

Based on the July 6, 2006 sampling, VOCs were not a concern, however SVOCs and Metals are of concern and may require remediation. It should be noted that SVOC Tentitively Identified Compounds (TICs) were elevated for TSW-1, TB-1, TSW-2 and TSW-3. The soil samples were analyzed for 20 SVOC TICs. TSW-1 and TB-1 had 20 TICs listed and there may have been more compounds which could have been quantified. It is recommended that during the upcoming Remedial Investigation that at least 30 TICs should be run for the SVOC samples. VOCs should have TICs reported, as well.

FIGURE

TABLES

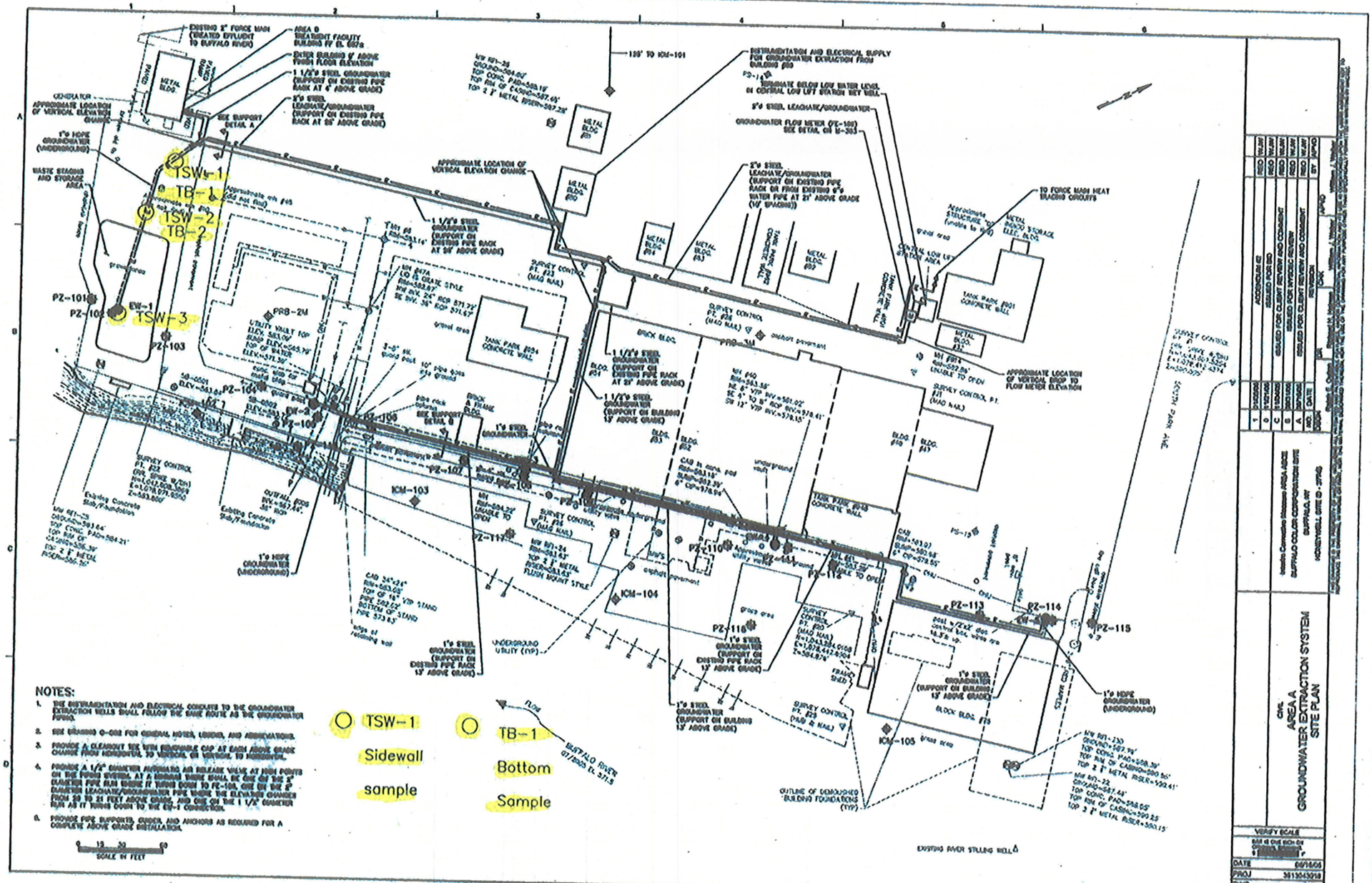

TSW-1
TB-1
TSW-2
TB-2
TSW-3
EW-1
PZ-101
PZ-102
PZ-103
PZ-104
PZ-105
PZ-106
PZ-107
PZ-108
PZ-109
PZ-110
PZ-111
PZ-112
PZ-113
PZ-114
PZ-115
PZ-116
PRB-2M
PRB-3M
ICM-103
ICM-104
ICM-105
TSW-1 Sidewall sample
TB-1 Bottom Sample
FLOW
BUFFALO RIVER
NOTES:
1. THE INSTRUMENTATION AND ELECTRICAL CONDUITS TO THE GROUNDWATER EXTRACTION WELLS SHALL FOLLOW THE SAME ROUTE AS THE GROUNDWATER PIPING.
2. SEE DRAWING G-002 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
3. PROVIDE A CLEANOUT SEE WITH REMOVABLE CAP AT EACH ABOVE GRADE CHANGE FROM HORIZONTAL TO VERTICAL OR VERTICAL TO HORIZONTAL.
4. PROVIDE A 1/8" DIAMETER AUTOMATIC AIR RELEASE VALVE AT HIGH POINTS ON THE PIPING SYSTEM. AT A BRANCH THREE SHALL BE ONE ON THE 2" DIAMETER PIPE RUN WHERE IT TURNS DOWN TO PZ-108, ONE ON THE 2" DIAMETER LEACHATE/GROUNDWATER PIPE WHERE THE ELEVATION CHANGES FROM 20 TO 21 FEET ABOVE GRADE, AND ONE ON THE 1 1/2" DIAMETER RUN AS IT TURNS DOWN TO THE EW-1 CONNECTION.
5. PROVIDE PIPE SUPPORTS, GUIDES, AND ANCHORS AS REQUIRED FOR A COMPLETE ABOVE GRADE INSTALLATION.
0 15 30 60
SCALE IN FEET
EXISTING RIVER STILLING WELL
OUTLINE OF DEMOLISHED BUILDING FOUNDATIONS (TYP.)
UNDERGROUND UTILITY (TYP.)
CML
AREA A
GROUNDWATER EXTRACTION SYSTEM
SITE PLAN
VERIFY SCALE
DATE 06/16/08
PROJ 38130-3018
DWG C-104
SHEET 8 OF 17

Table 1

Table of Detections VOCs Buffalo Color Area A Trench Samples from Pipe Gallery to EW-1

Sample Point	TSW-1	TB-1	TSW-2	TB-2	TSW-3	TAGM 4046
Analyte						
Acetone	3 BJ	ND	ND	ND	ND	200
Methylene Chloride	10 B	6 B	7 B	4 BJ	7B	100
Trichlorofluoromethane	2 BJ	2 BJ	2 BJ	2 BJ	2 BJ	NVG
Total Tentatively Identified Compounds	6	ND	6	6	ND	10,000

Notes:
Sample results are in ug/kg
Samples collected July 6, 2006
Shaded results exceed TAGM 4046
B=The analyte was found in the associated blank
J=Indicates an estimated value
NVG=No value given
ND=Not detected

Table 2

Table of Dectection SVOCs Buffalo Color Area A Trench Samples from Pipe Gallery to EW-1

Sample Point	TSW-1	TB-1	TSW-2	TB-2	TSW-3	TAGM 4046
Analyte						
2,4- Dimethylphenol	ND	1600 J	ND	ND	ND	NVG
2,4-Dinitrotoluene	ND	14000	ND	ND	ND	NVG
2,6-Dinitrotoluene	ND	13000	ND	ND	ND	1000
2-Methylnaphthalene	1800 J	670 J	ND	ND	ND	36,400
Acenaphthene	5200 J	400 J	ND	630 J	4000 J	50,000
Acenaphtylene	1600 J	6300 J	ND	230 J	ND	41,000
Anthracene	9800	4100 J	ND	1400 J	10000 J	50,000
Benzo(a)anthracene	22000	17000	1400 J	4400	22000 J	224
Benzo(a)pyrene	21000	19000	2000 J	4000	22000 J	61
Benzo(b)fluoraranthene	22000	27000	2700 J	4300	26000 J	1,100
Benzo(ghi) perylene	13000	17000	1600 J	3200 J	16000 J	50,000
Benzo(k)fluoranthene	9000	6900 J	900 J	1500 J	7800 J	1,100
Carbazole	4500 J	950 J	ND	600 J	3800 J	NVG
Chrysene	19000	17000	1200 J	4100	19000 J	400
Dibenzo(a,h) anthracene	4200 J	6200 J	520 J	800 J	4400 J	14
Dibenzofuran	4400 J	720 J	ND	370 J	2800 J	6,200
Fluoranthene	39000	26000	1500 J	7100	40000	50,000
Fluorene	5000 J	1100 J	ND	600 J	4800 J	50,000
Indeno (1,2,3-cd) pyrene	12000	16000	1500 J	2400 J	14000 J	3,200
N-nitrosodiphenylamine	1800 J	510 J	ND	ND	ND	NVG
Naphthalene	3400 J	1300 J	ND	ND	3900 J	13,000
Phenanthrene	38000	14000	520 J	5500	38000	50,000
Pyrene	35000	22000	1500 J	7700	36000 J	50,000
Total Tentatively Identified Compounds	359,200	101,900	297,900	16,600	ND	
Total	630,900	334,650	313,240	65,430	274,500	500,000

Notes:
Sample results are in ug/kg
Samples collected July 6, 2006
Shaded results exceed TAGM 4046
ND=Non detect
J=Indicates an estimated value
NVG=No value given

Table 3

Table of Detections for Metals Buffalo Color Area A Trench Samples from Pipe Gallery to EW-1

Sample Point	TSW-1	TB-1	TSW-2	TB-2	TSW-3	TAGM 4046
Analyte						
Aluminum	6310	11500	6000	4350	4960	SB
Arsenic	**324**	**34.4**	**29.4**	**85.1**	**49.6**	7.5
Barium	71.1	363	75.1	64.6	265	300
Beryllium	**0.54**	**2**	**0.69**	**0.5**	**0.6**	0.16
Cadmium	**3.5**	**1.1**	1	1	**2.3**	1
Calcium	48200	82800	130000	74600	29400	SB
Chromium	**190**	**119**	**169**	**40.6**	**122**	10
Cobalt	7.4	6	5.5	4.6	7.3	30
Copper	**293**	**193**	**14100**	**132**	**224**	25
Iron	**41000**	**36700**	**48100**	**20300**	**66600**	2000
Lead	646	428	**9200**	320	884	500
Magnesium	10100	9100	10600	4940	4960	SB
Manganese	439	636	2880	270	533	SB
Mercury	**5.5**	**4**	**3.2**	**2.1**	**2.2**	0.1
Nickel	**36.6**	**19**	**86.8**	**18.4**	**31.5**	13
Potassium	840	1760	1180	537	878	SB
Silver	ND	ND	ND	ND	0.93	SB
Sodium	638	2050	190	ND	293	SB
Vanadium	19.1	17.8	69.9	20.5	16	150
Zinc	**9250**	**849**	**458**	**283**	**1780**	20

Note:
Sample results are in mg/kg
Samples collected July 6, 2006
Shaded results exceed TAGM 4046
ND=Non detect
SB=Site Background

APPENDIX A

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A06-7724

STL Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC Spills - Buffalo Color: Site 915184

Mr. David Szymanski
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

STL Buffalo



Brian J. Fischer
Project Manager

07/31/2006

STL Buffalo
Current Certifications

As of 4/10//2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6772404	TB-1	SOIL	07/06/2006	11:00	07/07/2006	15:00
A6772403	TB-2	SOIL	07/06/2006	10:50	07/07/2006	15:00
A6772401	TSW-1	SOIL	07/06/2006	10:30	07/07/2006	15:00
A6772402	TSW-2	SOIL	07/06/2006	10:40	07/07/2006	15:00
A6772405	TSW-3	SOIL	07/06/2006	11:15	07/07/2006	15:00

METHODS SUMMARY

Job#: A06-7724

STL Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC-SPILLS-SOIL- 8260 - TCL VOA (4.2)	SW8463 8260
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS+ANILINE	SW8463 8270
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7471
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-7724

STL Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-7724
Sample Cooler(s) were received at the following temperature(s); 2@4.8 °C
All samples were received in good condition.

GC/MS Volatile Data

The analytes Acetone and Trichlorofluoromethane were detected in the Method Blank (A6B2302202) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Methylene chloride was detected in the Method Blank (A6B2302202) at a level above the project established reporting limit. Samples had levels of Methylene chloride less than ten times that of the Method Blank value. All sample detections for Methylene chloride may potentially be due to laboratory contamination and should be evaluated accordingly. All associated sample detections were qualified with a "B".

GC/MS Semivolatile Data

All surrogate concentrations were diluted below the linear range of the calibration curve in samples TSW-1, TSW-2 and TSW-3.

Metals Data

The LCS (Lot D051-540) recovery for Iron fell outside of the quality control limits, however, the LCS CLP (A6B2262301) value was within the manufacturer's recommended acceptance limits. No corrective action was taken.

The recoveries of sample TSW-1 Matrix Spike exhibited results below the quality control limits for Antimony and above the quality control limits for Aluminum and Barium. The recovery of sample TSW-1 Matrix Spike Duplicate exhibited results below the quality control limits for Antimony. Sample matrix is suspect. The RPD of sample TSW-1 Matrix Spike and Matrix Spike Duplicate exceeded quality control limits for Aluminum and Barium. However, the LCS CLP (A6B2262301) was acceptable.

The recovery of sample TSW-1 Matrix Spike exhibited results below the quality control limits for Arsenic, Chromium, and Iron and above the quality control limits for Calcium, Lead, Magnesium, Manganese, and Zinc. The recovery of sample TSW-1 Matrix Spike Duplicate exhibited results below the quality control limits for Magnesium, Manganese, Iron, Calcium and Chromium and above the quality control limits for Arsenic, Copper, Lead, and Zinc. The sample results are more than four times greater than the spikes added. The RPD of sample TSW-1 Matrix Spike and Matrix Spike Duplicate exceeded quality control limits for Arsenic, Calcium, Chromium, Copper, Iron, Magnesium, Manganese, and Zinc. The LCS CLP (A6B2262301) is acceptable.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Brian J. Fischer
Project Manager

8-1-01
Date

Dilution Log w/Code Information
For Job A06-7724

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
TSW-1	A6772401	8270	20.00	008
TSW-1	A6772401	Mercury - Total	10.00	008
TSW-1	A6772401	Zinc - Total	20.00	008
TSW-1	A6772401MS	Calcium - Total	20.00	008
TSW-1	A6772401MS	Zinc - Total	20.00	008
TSW-1	A6772401SD	Zinc - Total	20.00	008
TSW-2	A6772402	8270	20.00	012
TSW-2	A6772402	Calcium - Total	10.00	008
TSW-2	A6772402	Copper - Total	10.00	008
TSW-2	A6772402	Lead - Total	10.00	008
TSW-2	A6772402	Manganese - Total	10.00	008
TSW-2	A6772402	Mercury - Total	10.00	008
TB-2	A6772403	8270	10.00	008
TB-2	A6772403	Calcium - Total	5.00	008
TB-2	A6772403	Mercury - Total	10.00	008
TB-1	A6772404	8270	20.00	008
TB-1	A6772404	Calcium - Total	5.00	008
TB-1	A6772404	Mercury - Total	10.00	008
TB-1	A6772404	Zinc - Total	5.00	008
TSW-3	A6772405	8270	10.00	008
TSW-3	A6772405	Mercury - Total	10.00	008
TSW-3	A6772405	Zinc - Total	5.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

SEVERN TRENT STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

MACTEC

September 28, 2007

3410060484

Mr. Martin L. Doster, P.E.
Regional Hazardous Waste Remediation Engineer
New York State Department of Environmental Conservation
Division of Hazardous Waste Remediation, Region 9
270 Michigan Avenue
Buffalo, New York 14203-2999

RECEIVED
OCT 0 2 2007
NYSDEC REG 9
FOIL
REL UNREL

Subject: **Transmittal of Remedial Investigation Report**
Buffalo Color Areas ABCE
NYSDEC Site No. 915184
City of Buffalo, Erie County

Dear Mr. Doster:

On behalf of Honeywell International Inc. ("Honeywell"), MACTEC Engineering and Consulting, Inc. ("MACTEC") is providing you with two copies of the referenced report for your review. Each copy of the report consists of two three-ring binders.

As we have discussed, the associated Feasibility Study deliverable will be provided to you in a separate submittal by October 31, 2007.

Please contact me at (412) 279-6661 or jmscrabis@mactec.com should you wish to discuss this submittal or should you require additional information.

Sincerely,

MACTEC Engineering and Consulting, Inc.

John M. Scrabis
Senior Principal Engineer

JMS:

w/Enclosures

cc: J. Morris (Honeywell)
G. Litwin (NYSDOH)
R. Knizek (NYSDER)
C. Burns, P.E. (Clough Harbour & Assocs.)
W. Weber (MACTEC)
J. Ryan, Esq. (NYSDEC)
D. Cantor (Arnold & Porter)
D. Flynn, Esq. (Phillips Lytle)
C. O'Connor (NYSDOH)

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___REL ___UNREL

REMEDIAL INVESTIGATION REPORT

Buffalo Color Corporation Area ABCE Site
NYSDEC Site No. 915184
Buffalo, New York

Prepared for:

HONEYWELL INTERNATIONAL INC.

Morristown, New Jersey

September 28, 2007

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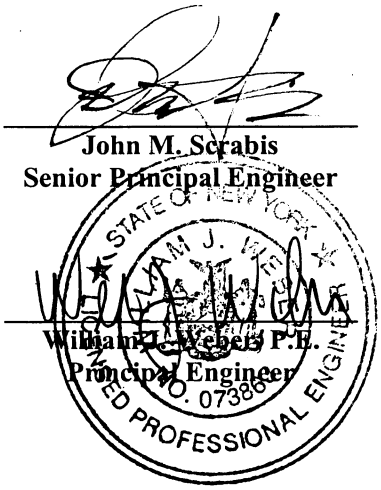
REMEDIAL INVESTIGATION REPORT

BUFFALO COLOR CORPORATION AREA ABCE SITE
NYSDEC SITE NO. 915184
BUFFALO, NEW YORK

Prepared for:

HONEYWELL INTERNATIONAL INC.

Morristown, New Jersey



John M. Scrabis
Senior Principal Engineer

William J. Weber, P.E.
Principal Engineer

MACTEC Engineering and Consulting, Inc.
Pittsburgh, Pennsylvania

September 28, 2007

MACTEC Project 3410060484

DRAFT

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1.0 INTRODUCTION

MACTEC Engineering and Consulting, Inc. (MACTEC) has prepared this Remedial Investigation (RI) Report on behalf of Honeywell International Inc. (Honeywell) for the Buffalo Color Corporation (BCC) Area ABCE Site (Site). The RI activities and corresponding Feasibility Study (FS) were completed in accordance with the approved RI/FS Scope of Work (SOW) and the existing Consent Order (No. B9-0707-05-10) between Honeywell and the New York State Department of Environmental Conservation (NYSDEC). The work was performed in accordance with MACTEC's RI/FS Work Plan dated September 29, 2006, which was approved by NYSDEC for implementation via letter dated December 19, 2006, a copy of which is included in Appendix A. Per agreement with NYSDEC, the corresponding FS report is being prepared and will be submitted as a separate document.

1.1 SITE DESCRIPTION

The Site is located on the south side of the City of Buffalo, in Erie County, New York. The physical address of the Site office building, which is located on Area B, is 100 Lee Street. The Site occupies approximately 42 acres near and adjacent to the Buffalo River (Figure 1). The Site, with a few exceptions discussed below, is owned by BCC.

1.1.1 Physical Setting and Local Land Use

The present layout of the four areas of the Site (Areas A, B, C, and E) are shown on Figure 2 (Site Layout). These areas are described as follows:

- Area A is the located on the southern end of the Site. The property is fenced and is accessible by vehicle via gated entrances along South Park Avenue. It includes various former production buildings, several aboveground storage tank (AST) farms, and an office/maintenance building. It is bounded by South Park Avenue to the north, the Buffalo River to the east, an inactive rail line to the south (beyond which is Area D, which is not part of the Site for the purposes of the RI/FS), and railroad tracks to the west.

- Area B is located to the north of Area A, across South Park Avenue. Area B is fenced and is accessible by vehicle via a gated entrance along Lee Street. Area B includes the former BCC office building located at 100 Lee Street and surrounding asphalt parking area. Area B is bounded by a rail spur and Area C to the north, Lee Street to the east, South Park Avenue to the south, and railroad tracks to the west.

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- Area C is located on the northwestern corner of the Site. It is fenced and accessible by vehicle from gated entrances along Lee Street. Area C includes the former powerhouse building and former ice house. A large AST, formerly used for storage of fuel oil, is located on the western side of the property. Area C is bounded by Elk Street to the north (across which is the Honeywell Buffalo Research Laboratory facility), Lee Street to the east, a rail spur and Area B to the south, and railroad tracks to the west.

- Area E is the largest of the four areas and is located on the northeastern side of the Site. Area E includes various former production buildings, maintenance sheds, a former laboratory, the former wastewater treatment plant (including surface impoundments) and a large AST farm. Much of the eastern half of Area E is vacant and grass-covered. Area E is bounded by Elk Street to the north, Orlando Street to the east (across which are industrial/commercial properties, including the former Exxon Mobil refinery and bulk petroleum terminal), and Prenatt Street to the south (a paper street that includes a rail spur and across which is the PVS Chemical facility).

The Site is located in an area of heavy industrial development that dates to the mid-1800s. Contaminated soil and/or groundwater is known or suspected to exist on many of the surrounding properties. Area D was formerly the location of plant production and waste disposal operations. Remedial action for Area D was completed under a Consent Order in the 1990s in accordance with NYSDEC requirements. The former Exxon Mobil refinery and bulk petroleum terminal located east of Area E reportedly has groundwater contamination which includes the presence of light non-aqueous phase liquids (LNAPL). NYSDEC has indicated that the Exxon Mobil facility is being addressed under the New York State Brownfield Program. The nearest residential areas are about 150 feet north and east of the Site, across Elk and Orlando Streets.

1.1.2 Site Utilities

Potable water is provided to the Site and surrounding area by the City of Buffalo. Site sewage and wastewater is conveyed off site via a network of underground sewer lines to the Buffalo Sewer Authority (BSA) wastewater treatment plant. A portion of site stormwater is conveyed via underground storm sewer lines to two outfalls located along the Buffalo River as described in Section 1.1.3. Figure 3 shows the locations of known Site underground sewer and storm sewer lines.

Electric and gas service are also available to the site from local utilities. However, these services have been shut off for the Buffalo Color plant except for the office building at 100 Lee Street on

Area B, and the warehouse building located on Area E near Elk Street and the groundwater extraction system on Area A.

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1.1.3 Topography and Surface Drainage

Regionally, the ground surface is generally flat and has a gentle slope to the west toward Lake Erie. The Site is also generally flat, with ground surface elevations typically between 584 and 586 feet above mean sea level (MSL). Surface runoff at the Site is conveyed to the facility's underground storm sewer lines. The storm sewers discharge to the Buffalo River via two main outfalls: Outfall 006 is located on Area A and Outfall 011 runs from Area E south across the adjacent PVS chemical property. Shallow groundwater is recharged by rainfall or snow-melt that does not otherwise run off to surface water. Figure 2 shows existing ground surface conditions for Area ABCE. As depicted on Figure 2, nearly 60 percent of the facility is covered by paved areas or existing structures.

The Site is situated within the Lake Erie and Niagara River drainage basin. The Buffalo River is the predominant surface drainage near the Site. The river is approximately 8 miles in length and is classified as a Class C waterway suitable for secondary contact recreation. The Buffalo River generally flows from east to west and eventually drains into Lake Erie several miles west of the Site, although periodic flow reversals occur due to Lake Erie seiche conditions. The Buffalo River has a reported median summer low monthly flow of 48 cubic feet per second (cfs) but, during the spring, runoff conditions may exhibit monthly flows as high as 1,200 cfs. Historically, the banks of the Buffalo River have been altered for industrial development. Fill has been placed in several areas of the Site for this purpose. The river is presently used on a limited basis for commercial shipping. The Buffalo River is not used as a drinking water source.

1.1.4 Regional Geology and Hydrogeology

Significant analysis of regional geology and hydrogeology is contained in prior reports prepared for the Site and Area D (Engineering Science, Inc., 1989; Remcor, Inc. 1995; Golder Associates 1997). Where appropriate, such prior analysis is restated below.

The BCC facility is located within the Erie-Ontario Lowland physiographic province of New York State. The Erie-Ontario Lowland is underlain by layers of sedimentary bedrock which are largely

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covered with unconsolidated deposits. The bedrock consists mainly of shale, limestone, and dolomite. The bedrock units are comprised of fine-grained sediments deposited in seas during the Silurian and Devonian Periods, and are bedded or layered.

The Onondaga Limestone is the uppermost bedrock unit at the Site. The upper portion of the Onondaga Limestone was subjected to glacial scouring and weathering and is characterized as a hard, gray, finely crystalline, massively bedded, stylolitic and cherty limestone. The limestone is typically heavily jointed and exhibits a high degree of secondary porosity. The regional dip of the bedrock is gently south-southwest at approximately 1 percent (40 feet per mile).

In the vicinity of the Site, the unconsolidated deposits overlying bedrock are mostly glacial deposits formed during Pleistocene time about 10,000 to 15,000 years ago, when a continental ice sheet covered the region. The glacial deposits consist of glacial till, which is a nonsorted mixture of clay, silt, sand and stones deposited directly from the ice sheet; lake deposits, which are bedded clay, silt, and sand that settled out in lakes fed by the melting ice;and sand and gravel deposits associated with glacial streams. The glacial sand and gravel deposits may be either ice-contact or outwash types. Other unconsolidated deposits are alluvium consisting of sand and gravel laid down by rivers and streams during recent geologic time. The unconsolidated deposits generally are less than 50 feet thick in the vicinity of the Site, excluding fill materials.

Groundwater can be found locally in both the unconsolidated deposits and the limestone bedrock of the region. The unconsolidated deposits exhibit a wide range of permeability and can yield varying quantities of water, or none at all. Groundwater within the bedrock is transmitted through fractures such as horizontal and vertical joints, which are widened by dissolution processes. The availability of groundwater in the bedrock can vary widely based on the occurrence of fractures and the size of the solution openings. Additional information regarding the aquifers present at the Site is provided in Section 2.2.2.

1.1.5 Current Local Groundwater Use

As noted in Section 1.1.2, potable water is provided to the Site and surrounding area by the City of Buffalo. As described in the RCRA Facility Investigation (RFI) report (Golder 1997), no drinking water wells were identified within four miles of the Site, and the City has an ordinance restricting the use of wells. The Exxon Mobil facility located immediately east of Area E reportedly extracts

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groundwater from the uppermost aquifer (herein referred to as the Shallow Aquifer) at a rate of 50 to 300 gallons per minute (gpm) as part of a groundwater control system and discharges the extracted groundwater to the BSA. A groundwater extraction system is in place at Area D to control the water level behind the slurry wall installed as part of the remedial efforts at Area D. The Area D system is operated very infrequently (typically only several days per year because the remedial cap has effectively reduced infiltration of precipitation); the Area D water is also discharged to the BSA. A groundwater extraction system has also been installed at Area A as part of Interim Corrective Measures for the site; this is described in detail in Section 3.0.

1.1.6 Sensitive Receptors

The RFI report (Golder 1997) provides information regarding potential receptors. No sensitive receptors, including endangered or threatened species, were identified in the vicinity of the Site.

1.2 SITE HISTORY

MACTEC obtained information regarding the history of the Site through review of previous reports, historical maps (including Sanborn fire insurance maps), aerial photographs, BCC plant records, and other available documents. This information was supplemented through interviews with former BCC employees and others with knowledge of the Site history. Figure 4 includes locations of concern based on the historical information gathered by MACTEC.

During its time of operation, the plant reportedly produced in excess of 1,000 different dyes and organic chemicals based primarily on aniline and various aniline derivatives. Beginning in 1977 until manufacturing operations ceased in 2003, the operations at BCC mainly involved production of Indigo dye, alkylanilines, anydrides, and dye intermediates.

Chemical manufacturing at the Site commenced in 1879 by the Schoellkopf Aniline and Dye Company (Schoellkopf). In 1916, Schoellkopf merged with several other companies to form National Aniline Chemical Company (NACCO). NACCO subsequently merged with four other companies to create Allied Chemical Corporation (Allied Chemical) in 1920. In 1977, Allied Chemical sold the property, the dye-making facilities and the right to produce certain dyes and intermediates to BCC. 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,

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while Allied Chemical retained the acid plant (sold to PVS in 1981), the research and development facility on Area F (the present location of the Honeywell Buffalo Research Laboratory), and the parking lots on Areas G (Elk Street) and H (Smith Street).

Area A is the oldest section of the plant and is the location of the original Schoellkopf facility constructed in 1879. Area A appears on the 1889 Sanborn map, which indicates Site usage involving aniline, carbolic acid (phenol), benzene, nitrobenzol (nitrobenzene), and nitric acid. The 1900 Sanborn Map indicates departments making direct, azo, and sulfur dyes in Area A, as well as nigrosine and eosine. Benzene and tar stills/tanks are also shown on the early Sanborn maps. Demolition activities completed since the late 1960s have involved Area A departments called aniline, sulfur colors, wool colors, CSA, and Harmon products. The Indigo Department, which was moved into Area A in 1923, most recently occupied the half-dozen Area A buildings which date from the 1917 era, as well as several newer structures built in the 1970s and 1980s.

Area B is shown as the location of residential properties on the earliest Sanborn Map. The former production facilities at Area B were constructed in 1916-1917. The industrial development of Area B appears fully completed on the 1917 Sanborn map. The azo and direct dye operations were apparently moved from Area A to Area B into what became known as the Acid and Direct Dyes (A&D) Department. Operations labeled as Phenyl Acid, H Acid, and Warehousing Departments are also shown on the 1917 Sanborn Map. All of these structures, which covered virtually all of Area B, were demolished in the 1970s and 1980s. The entire area is now covered with grass, parking lots, the existing office building (now owned by others) at 100 Lee Street, and various smaller ancillary buildings.

On Area C, the building cornerstone and the identification plates on some of the heavy equipment still standing in the powerhouse reportedly carry the date of 1917. Coal piles can be seen behind the powerhouse in a 1951 aerial photograph of the area and on the Sanborn maps. This section of the plant is shown as a lumber yard on the 1900 Sanborn Map. In addition to the powerhouse and a large icehouse, the 1940 Sanborn Map shows departments called Phthalic Anhydride and Anthraquinone that covered the northern side of the property. The boilers in the powerhouse were reportedly converted from coal to No. 6 fuel oil in 1970. The Area C buildings located on the northern side of the property, which housed chemical processing departments, were razed in the 1970s. Today, the powerhouse, some maintenance shops, a large fuel oil AST, and the icehouse building remain standing on Area C.

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Area E was the last of the four areas developed for chemical production. The 1900 and 1940 Sanborn Maps show the west side along Lee Street to contain lumber yards, while the 1889, 1900, 1940, and 1950 Sanborn Maps show the southeast side near Orlando Street to be occupied by various oil and energy companies. The 1950 Sanborn Map depicts the Dye Plant's three main operating buildings in Area E. A permit for a river outfall was issued to Allied Chemical in 1947 for a new line serving Area E and these three buildings. The 1950 Sanborn Map also shows the presence of the horizontal tank farm along the southern edge of Area E. A wastewater treatment plant, including Lagoons 1 and 2, were built on the eastern side of Area E in 1971, while Lagoon 3 was added five years later. The lagoons were closed in accordance with NYSDEC requirements (see Section 2.1) and the wastewater treatment plant was phased out and closed by 1989. The treatment plant buildings remain on Area E today.

In 2005, BCC filed for Chapter 11 bankruptcy protection. The bankruptcy proceeding was subsequently converted to a Chapter 7 proceeding. During the bankruptcy proceedings, some of the facility's production equipment was sold and removed from the site. In addition, the office building located at 100 Lee Street on Area A and the warehouse building located near Elk Street on Area E, along with land around those buildings, were sold to other parties. Except for these two buildings, BCC remains the owner of the Site. Agreements are in place to preserve Honeywell's access rights to the land for the purposes of environmental investigation and remediation activities.

1.3 AREA OF INVESTIGATION

The RI addresses Areas A, B, C, and E (Figure 2). Specific areas of concern within each of the four areas are discussed in Section 4.1.

1.4 OBJECTIVE OF RI/FS

The objectives of the RI and the corresponding FS are to (i) supplement the results of the NYSDEC-approved RFI, (ii) complete an investigation of the Site in accordance with the Consent Order and the approved SOW, and (iii) evaluate and identify final remedial alternatives that will facilitate the future commercial and/or industrial redevelopment of the Site.

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1.5 PROJECT ORGANIZATION

Listed below are the key project personnel and their office/primary telephone numbers. The complete contact information for these individuals (address, phone, email address, etc.).

NYSDEC Region 9

Mr. Martin Doster, Regional Hazardous Waste Remediation Engineer, (716) 851-7220
Ms. Linda Ross, Project Manager, (716) 851-7220

Honeywell

Mr. John Morris, Remediation Portfolio Director, (973) 455-4003

MACTEC

Mr. John Scrabis, Senior Principal Engineer, (412) 279-6661
Mr. Wayne Swinehart, Project Scientist, (716) 626-3070

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2.0 SUMMARY OF PREVIOUS INVESTIGATIONS

Since 1984, various environmental investigations and closure of RCRA-regulated units have been completed at the Site. The following sections discuss these previous activities.

2.1 CHRONOLOGICAL HISTORY OF SITE INVESTIGATION AND RCRA CLOSURE ACTIVITIES

The following is a chronological summary of the documented previous site investigation and RCRA closure activities:

- **1984-1988** – Three former Area E surface impoundments (Lagoons 1, 2 and 3) were operated at the BCC facility beginning in the early 1970s. The lagoons reportedly received wastewater from dye manufacturing processes. The approximate locations of the former lagoons are shown on Figure 4. A RCRA Part A Permit for operation of these impoundments was filed in 1980 by BCC and the three lagoons were closed between 1984 and 1988 in accordance with closure plans approved by the NYSDEC. The closure activities involved the removal of approximately 4,000 cubic yards of sludge and clay liner materials. Because the impoundments were not clean–closed, BCC was required to obtain a RCRA Post-Closure Permit. Hazardous constituents were detected in the groundwater in monitoring wells located along the hydraulically-downgradient (southern) edge of the closed lagoons. A RCRA Facility Assessment (RFA) was finalized by NYSDEC in 1991 to identify releases from identified solid waste management units (SWMUs) at the Site. The RFA included visual site inspections performed by NYSDEC in 1986 and by NYSDEC and the United States Environmental Protection Agency (USEPA) in 1988. The revised RFA (April 1991) updated the status and initial investigation requirements for eight SWMUs. The final 6 NYCRR Part 373 Post Closure Permit issued to BCC on February 10, 1995 required BCC to monitor and maintain these former impoundment areas.

- **1989** – A deep well was used on Area E between 1957 and 1963 for disposal of ammonium sulfate wastewater. The approximate location of the deep well is shown on Figure 4. The well was installed and used at a depth of 180 feet from 1957 to 1960. The well depth was extended to 744 feet in 1960. A closure plan was submitted to NYSDEC in December 1988 and approved by NYSDEC in March 1989. The well was plugged by BCC in accordance with the approved closure plan in April 1989. No further action was required by NYSDEC.

- **1990** – A former waste drum and container storage area located on Area E was investigated in April 1990 in accordance with a NYSDEC-approved sampling plan. The work was documented in a BCC submittal to NYSDEC dated December 20, 1990. No further action was required by NYSDEC under a 1995 Part 373 permit.

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- **1995** – NYSDEC issued a RCRA Part 373 Post Closure Permit. The permit required the completion of a RCRA Facility Investigation (RFI) for the entire site. No investigation was required for the then-current 90-day hazardous waste storage area since no releases had been documented for that area. The permit also required the cleaning of Building 320 (located on Area E) prior to demolition of the building. Building 320 remains on the Site as of the date of this report.

- **1997** - Elemental mercury associated with a broken sewer line was encountered during installation of piping associated with the Area D treatment building on the southern side of Area A. Section 2.17.2 of the Certification Report (2000) for Area D, page 2-18, indicates that the mercury contamination was identified in 1997. The report indicates that free mercury was found in shallow soil in the vicinity of a former building foundation. According to the report, the free mercury was vacuumed up and disposed under the cap in Area D, soils with mercury were also excavated and placed under the Area D cap, and uncontaminated soils were used to backfill the area. According to NYSDEC, the mercury appeared to result from a broken sewer pipe that was encountered approximately 6 feet below the ground surface. NYSDEC indicates this location to be north of the treatment building and southeast of Building 85 (Figure 4).

- **1997 to 1999** – The initial RFI was completed and the RFI report issued by Golder Associates (Golder) in 1997. In December 1998, an RFI addendum was issued by Golder Associates to document two supplemental investigations that addressed NYSDEC-identified data gaps. A total of 36 monitoring wells and 13 piezometers were installed on Areas ABCE and on the adjacent PVS chemical property during the RFI process. Approximately 160 soil samples were collected during the RFI process for field screening or laboratory testing. The RFI report (including subsequent addendums) was approved by NYSDEC via letter dated March 19, 1999.

- **2006** – As described in detail in Section 3.0, interim corrective measures (ICM) were implemented at the Site in 2006. During the ICM construction activities, soil samples were collected from the southern end of Area A for laboratory testing as follows:

    - MACTEC collected two samples of soil that exhibited blue/purple from the river bank on the southeastern corner of Area A prior to placement of a protective erosion mattress. The samples were analyzed for metals, volatile organic compounds (VOCs), and semivolatile organic compounds (SVOCs). Arsenic and various polynuclear aromatic hydrocarbons (PAHs) were found in the samples at levels that exceed the 6NYCRR Part 375 Industrial Soil Cleanup Objectives (SCOs). No VOCs were identified in the soil samples above the Industrial SCOs. The results of the sampling were transmitted from MACTEC to NYSDEC via email on June 2, 2006.
    - Samples were collected by NYSDEC from stained soils observed within a trench on the south side of Area A. The trench had been excavated for installation of underground piping for the Area A groundwater migration control system. The samples were analyzed for VOCs, SVOCs and metals. No VOCs were identified at levels of concern. Arsenic and PAHs were reported at concentrations that exceeded the Industrial SCOs. The results of this sampling event were presented in a report prepared by NYSDEC dated August 2006.

The specific areas for which no further action determinations have been made by NYSDEC (i.e., the former Area E deep well, the former Area E container storage area, and the former 90-day hazardous waste storage area) were not investigated further under the RI/FS. The RFI completed by Golder in 1997-1998 represents the most relevant and comprehensive investigation conducted at the Site to date, and the objective of this RI/FS is to supplement that investigation. Other investigations were conducted prior to the RFI. The results of the prior investigations are discussed in greater detail below.

2.2 SUMMARY OF PREVIOUS INVESTIGATION RESULTS

The following sections describe the results of previous investigations, including the 1997-1998 RFI completed by Golder.

2.2.1 Site Geology

Approximately 36 monitoring wells, 13 piezometers, and 24 soil borings were installed during the RFI. Other wells, piezometers, and test borings were installed during investigations that pre-dated the RFI. The locations of these borings, wells, and piezometers are shown on RI/FS Work Plan Figures 2 through 9 provided in Appendix B.

The previous investigations identified a number of subsurface zones that have contrasting hydrogeologic properties. In order of increasing depth, these include:

- Fill: This unconsolidated material is found over the majority of the surface of the site. It typically consists of clay, silt, crushed stone gravel, bricks, and miscellaneous building demolition debris. The fill thickness ranges from less than 1 foot to 20 feet, with the maximum thickness occurring near the Buffalo River.

- Alluvium: This unit consists of unconsolidated materials, mostly fine to very coarse sands, and likely represents the historical deposits from the Buffalo River. These materials have a moderately high conductivity (i.e., transmit water fairly easily). The thickness of this unit varies from approximately 0 feet to 21 feet, with the maximum thickness located near the Buffalo River.

- Clay and Silt Tills (Upper Tills): This unit is unconsolidated fine-grained clay and silt tills. The thickness ranges from 0 to 10 feet. This unit underlies the majority of Areas B, C and E as well as portions of Area A.

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- Glaciolacustrine Clay: This unit is primarily clay, with occasional fine sands. This unit underlies the entire site. Thickness ranges from 24 to 36 feet. Grain size analysis shows that this unit is comprised almost entirely of clay sized particles. These materials have a relatively low conductivity and the unit is an aquitard between the Shallow and Confined Aquifers (see Section 2.2.2.).

- Basal Till: This unit is a mixture of sand, silt, gravel and minor amount of clay. This unit was found in all deep borings, and was encountered immediately above the bedrock. Thickness ranged from 2 to 5 feet.

- Onondaga Limestone: This bedrock unit was described as fractured and weathered, dark gray limestone. Only the upper few feet of this unit were penetrated during prior drilling activities. The bedrock surface slopes gently to the south, at a rate of approximately 1.2 feet per 100 feet.

2.2.2 Site Hydrogeology

Two aquifers have been identified at the site. The first aquifer encountered, designated the Shallow Aquifer, is a saturated unconfined system within the fill and sediments above the glaciolacustrine clay unit. The second aquifer, designated the Confined Aquifer, occurs within the basal till and weathered upper surface of the bedrock. Golder concluded in the RFI report that the thick, low conductivity glaciolacustrine clay unit acts as an aquitard, separating these aquifers and providing a confining layer for the deeper aquifer.

Appendix B includes copies RI/FS Work Plan Figure 5, which presents groundwater contours for the Shallow Aquifer based on data collected in August 1998, which are typical of those measured historically. Groundwater flow in the Shallow Aquifer during the RFI was generally towards the Buffalo River. However, it was concluded that subsurface utilities and other manmade features influence local flow conditions. Figure 3 shows the location of known subsurface sewer lines. Gravity sewer lines and associated backfill are below the water at various locations and were found to act as groundwater discharge points because depressions in the water table surface at the Site coincided with the location of utilities. Such a depression was found during the RFI in most of the area between Area E and the PVS site. A similar depression was identified between Area B and Area C. A groundwater mound in the PVS site was also identified that could be due in part to groundwater discharge to utilities located to the north and west, possibly accentuated by some local increased recharge at the PVS site (e.g., leaking water lines).

RI/FS Work Plan Figure 6 (Appendix B) shows the groundwater contours for the Confined Aquifer based on data collected in July 1997 and are typical of those measured historically. During the RFI, the water levels for the Confined Aquifer were measured in 12 monitoring wells

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screened within the Basal Till unit (four of which were installed during the RFI and eight of which were installed prior to the RFI). The groundwater in the Confined Aquifer exists under apparent confined conditions within the Basal Till unit and upper portion of the Onondoga Limestone beneath the base of the glaciolacustrine clay. During the RFI, the Confined Aquifer contours were interpreted by Golder to indicate a groundwater divide on the eastern side of Area E. Groundwater flow is shown within the Confined Aquifer as to the east and west of the divide area, parallel to the Buffalo River. Golder reported that gradient in the Confined Aquifer ranged from 0 to 0.008 ft/ft on two separate occasions in 1997.

2.2.3 Soil

During the RFI, Golder collected approximately 160 soil samples from Areas A, B, C and E. Of those samples, 54 were screening samples (i.e., samples analyzed at the laboratory using a screening method) and 23 were confirmatory soil samples (i.e., samples analyzed by the laboratory using USEPA SW-846 Methods) which were collected during Phase I of the RFI. During Phase II, 32 screening soil samples, 4 confirmatory soil samples, and 6 surface soil samples were collected. Grain size and total organic carbon testing were also conducted on selected soil samples.

The screening samples were analyzed for a Site-specific list of VOCs to help identify areas of contaminated soils. The vast majority of the laboratory-screened soil samples did not have detected concentrations of VOCs. RFI screening samples that exceeded potentially applicable reference values from the NYSDEC Technical Administrative Guidance Memorandum (TAGM) #4046 Soil Cleanup Objectives (SCO) guidance document, which have since been replaced by the SCOs established under 6NYCRR Part 375, are identified on RI/FS Work Plan Figure 7 provided in Appendix B.

The RFI confirmatory samples and the six surface (0-2 feet) soil samples were analyzed in the laboratory for Target Compound List (TCL) VOCs, TCL SVOCs, Target Analyte List (TAL) metals, polychlorinated biphenyls (PCBs), hexavalent chromium, and total cyanide. Confirmatory and surface RFI soil samples with results that exceeded the TAGM #4046 SCOs are shown on a figure provided on RI/FS Work Plan Figure 7 in Appendix B. The figure shows the location and depth of the RFI soil samples as well as the concentrations of the contaminants that exceeded the TAGM #4046 SCOs.

2.2.4 Groundwater

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The RFI confirmed that Site-related groundwater contamination is present in the Shallow Aquifer. RI/FS Work Plan Figure 8 in Appendix B summarizes the detected groundwater contaminants that were found at concentrations that exceeded the New York Class GA groundwater standards. In the Shallow Aquifer, groundwater concentrations above the standards were noted for various VOCs (specifically chlorobenzene and related compounds), SVOCs (specifically aniline and PAHs), and metals.

In the Confined Aquifer, the primary contaminants detected during the RFI were benzene, chlorobenzene, and aniline. Detected concentrations were in the low part per billion range. Because the Confined Aquifer is not used as a source of potable water, Golder concluded in the NYSDEC-approved RFI report that potential impacts to human health or the environment associated with the Confined Aquifer are negligible.

2.3 CONSTITUENTS OF CONCERN

Extensive research into the various chemicals historically used and produced at the Buffalo Color plant was completed during the previous RCRA investigations and documented at length in the various RCRA reports, including the 1995 Current Conditions Report. Honeywell believes this information to be accurate. To develop the RI scope of work, MACTEC reviewed the historic chemical usage information, along with other historical records. Many of the substances that were used and produced at the site are substances that would immediately break down if and when released into the environment (i.e., acids, caustics), are not hazardous (i.e., glucose, food-grade dyes), or were not used in appreciable quantities (i.e., chemicals used in the plant research laboratories). Based on the results of the RFI and other investigations, the following substances were identified as potential constituents of concern (COCs) for soil and groundwater at the Site for the purposes of the RI:

<u>Soil</u>

- VOCs: chlorobenzene and degradation products, nitrobenzene, 1,2,4-trichlorobenzene
- SVOCs: aniline and PAHs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, indeno(1,2,3-cd)pyrene, and dibenzofuran

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Metals

- Inorganics: metals including arsenic, cadmium, chromium, lead, mercury, selenium and cyanide

Groundwater

- VOCs: chlorobenzene and degradation products, benzene, toluene, ethylbenzene and xylene (BTEX), and others
- SVOCs: aniline and related compounds, dichlorobenzene and trichlorobenzene compounds, total phenolics, and others
- Metals: arsenic, cadmium, manganese, iron, lead, mercury, and others
- Inorganics: primarily sulfate/sulfide and chloride

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3.0 INTERIM CORRECTIVE MEASURES

In 1999, Parsons Engineering Science completed aquifer testing at Area A and, in October 1999, issued a report titled "Pumping Test and Groundwater Modeling for Area A". The Parsons report concluded that extraction wells could be used to maintain an inward hydraulic gradient and minimize the potential for Area A groundwater in the Shallow Aquifer to impact the Buffalo River.

In January of 2000, Golder issued a Corrective Measures Study (CMS) report that specified a proposed scope for the remedy at the Site, including the use of a groundwater extraction system at Area A. The CMS was approved by NYSDEC in July 2000. On August 5, 2003, Conestoga Rovers Associates (CRA) issued a work plan titled "Proposed Scope of Work/Work Plan for Interim Corrective Measure, Buffalo Color Area ABC, Buffalo, New York". The plan was approved in a letter from NYSDEC dated January 9, 2004.

An Order on Consent with an effective date of April 4, 2005 was entered between Honeywell and NYSDEC for implementation of the ICM. The specified ICM scope of work includes the following tasks, which comprised the approved Site remedy set forth in the CMS:

1. Area A Groundwater Extraction System (Migration Control System - MCS);
2. Area BCE Groundwater Control (passive control via existing sewer network);
3. Institutional Controls;
4. Groundwater Monitoring;
5. Repair Sheet Piling Breach (Area E) via injection grouting; and
6. Area A River Bank Erosion Control (protective mat on river bank).

In August 2005, MACTEC issued the 100 Percent Basis of Design report for the proposed ICM. The design was approved by NYSDEC in a letter dated November 18, 2005. In April 2006, the contracts for ICM construction were issued by Honeywell. Construction began in May 2006 and, by October 2006, the sheet pile breach was repaired, the Area A river bank erosion protection mat was installed, and construction of the Area A MCS was substantially complete.

Startup of the Area A MCS occurred in October 2006. Shortly after startup, plugging of the discharge lines due to rapid buildup of scale prevented simultaneous pumping at all five extraction

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wells (EW-1 through EW-5). In late 2006 and into the Spring of 2007, MACTEC conducted various laboratory and field/operational tests involving pumping at selected extraction well locations to determine the cause of the piping scale. It was concluded that the scale buildup occurred when groundwater with widely varying chemistry and pH levels was mixed together in the discharge piping. Since April 2007, continuous pumping has occurred at extraction well EW-1, which is not affected by high-pH groundwater. This well has the highest chlorobenzene concentrations of the five extraction wells. Thus, the groundwater pumped from EW-1 is discharged to the on-Site treatment building (which was originally constructed to treat effluent from the Area D groundwater extraction system), where it passes through carbon filters prior to discharge to the BSA via the Area A low lift station. Operation of EW-1 has resulted in mass removal of chlorobenzene-impacted groundwater as described in Section 7.1.2.

To address the piping scale associated with the rest of the Area A MCS, MACTEC determined that installation of dedicated HDPE discharge piping was necessary to keep the high pH groundwater at extraction wells EW-3 and EW-4 separate from the groundwater extracted at other locations. Thus, installation of new HDPE piping is required to convey the groundwater from extractions wells EW-3/EW-4 and well EW-5 directly to the Area A low lift station. Construction of the new HDPE piping was initiated in July 2007 and is expected to be completed in the Fall of 2007. Upon installation of the new piping, it is expected that simultaneous operation of all five extraction wells will resume and long term monitoring in accordance with the existing NYSDEC-approved Operations, Maintenance and Monitoring (OM&M) plan will commence.

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4.0 DATA GAP ANALYSIS

In order to develop the RI/FS sampling and analysis plan, it was necessary for MACTEC to complete a data gap analysis. The analysis involved a review of previous reports and project documents, review of historical maps, review of historic aerial photographs, and site visits. In addition, certain of the BCC environmental files and plant drawings maintained at the former BCC office building at 100 Lee Street were reviewed by MACTEC. MACTEC also interviewed former BCC personnel and others knowledgeable about the Site, including Mr. Gordon Bolles. Mr. Bolles began working at the Site in 1979 and had numerous job titles with BCC, including Engineer, Area A Production Manager, and BCC Environmental Manager.

4.1 IDENTIFIED DATA GAPS AND AREAS OF CONCERN

Based on the above activities, MACTEC identified the following data gaps that were addressed during the RI/FS process.

4.1.1 Area A

Former Aniline Plant: As shown in Appendix B, the RFI data indicated that the aniline concentrations in the Shallow Aquifer groundwater at Area A were highest in the central portion of the parcel. In the case of MW-26, during the RFI it was noted that the groundwater in the well was deep purple, which coincides with the groundwater sample from that location having the highest aniline concentration on Area A. The former aniline plant (Figure 4) was located near MW-26 on the central portion of Area A. Thus, a source of the aniline in groundwater is potentially located in the vicinity of the former aniline plant.

Former Crude Stock/Drum Storage Area: Sanborn maps indicate that the northwestern corner of Area A was formerly used for the storage of crude stock and then later as a drum storage area.

Former Underground Storage Tanks (USTs): The 1940 and 1950 Sanborn maps indicate that several USTs were used for storage of alcohols on the western side of Area A (Figure 4). The 1917 Sanborn map indicates that fuel oil USTs were located on the southern side of Area A. No

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documentation has been found to indicate if the USTs were removed. Mr. Bolles had no knowledge of any USTs on the Site.

Previous Buildings and Aboveground Storage Tanks (ASTs): As shown on historical maps and aerial photographs, process buildings and storage tanks were at one time located over the majority of Area A. Previous ASTs existed on the south side of the property and along the western property line near the railroad tracks.

Electrical Transformers: Mr. Bolles indicated that PCB transformers may have been located at one time in the substations located on the south side of the existing Area A complex.

Existing Buildings and ASTs: The existing buildings on Area A are located on the central portion of the parcel. The buildings have concrete floors. Potential sources of subsurface contamination associated with the existing buildings include tanks and chemical handling areas, sumps/pits, floor drains/underground drains, and the various AST farms that surround the buildings (Figure 2).

Separate Phase Liquids: During the ICM construction process, separate-phase liquids (SPL) were encountered at Area A within extraction well EW-5 (2 inches) and in piezometers PZ-110 (1 inch) and PZ-103 (< 0.5 inch) after well development. Subsequent sampling and analyses completed by MACTEC in August 2006, the results of which were provided to NYSDEC Region 9, indicated that the material is a petroleum-based substance with significant concentrations of toluene, ethylbenzene, xylene, naphthalene, phenol, and polynuclear aromatic hydrocarbons (PAHs). No indications of SPL were reported during the RFI and other previous investigation work at Area A, nor was SPL identified in the Area A wells and piezometers during previous investigations.

4.1.2 Area B

Former Production Areas: By the 1940s, the vast majority of Area B contained buildings used for chemical handling and dye production. By 1986, only the main office building remained with the balance of the area covered by an asphalt parking lot.

Former Drum Storage Yard: The 1950 Sanborn map indicated that a drum storage yard was located on the northwestern corner of Area B (Figure 4).

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Office Building Indoor Air: NYSDEC has indicated that, because the office building located at 100 Lee Street was recently sold by BCC and it will continue to be used as an office building, the potential for impact to indoor air within the building must be evaluated in accordance with state guidance. The evaluation will include collection of building sub-slab vapor samples at this location.

4.1.3 Area C

Former Production Areas: The Sanborn maps indicate that at one time most of Area C contained buildings. The southern side of Area C was the location of an ice house and a boiler house, both of which are still present on the Site. The northern side of Area C contained buildings that housed operations involving phthalic anhydride and quinone, a solvent tank house, condensers and other operations. The buildings on the northern side of Area C have since been demolished and the area is presently vacant. As shown in Appendix B, relatively few soil samples were collected from Area C during the RFI.

Fuel Oil ASTs: A large storage tank (VT-3) is located on the western side of Area C (Figure 4). The tank was previously used for the storage of No. 6 fuel oil, which was used to fuel the boilers in the adjacent boiler house. A second, smaller AST formerly used for storage of No. 2 fuel oil is located to the south of Tank VT-3.

Former Naphthalene Tank Area: The 1950 Sanborn map indicated that ASTs used for the storage of naphthalene were located on the western side of the site to the east of fuel oil tank VT-3 (Figure 4).

4.1.4 Area E

Existing Storage Tanks: Various storage tank farms and individual chemical storage tanks are present on Area E. The main AST farm is located on the southwestern side of Area E (south of the plant area) and includes tanks previously used for storage of chemicals such as formaldehyde, aniline, methanol, ethanol, butadiene, and other substances. Another tank farm is located to the northeast of the main AST farm and includes tanks that stored DEA and MEA. Both tank farms are equipped with concrete secondary containment. Individual storage tanks are also located outside the western wall of Building 320; these ASTs reportedly stored nitrobenzene and other substances.

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Existing Buildings: Existing buildings on Area E include Building 312 (alkyl anilines and anhydrides), Building 316 (Red 40 – food dye), Building 320 (food colors, bromine, benzidine, and arsenic press), Building 322 (warehouse and laboratory – recently sold), and various maintenance buildings. Potential sources of subsurface contamination associated with the existing buildings include process vessels, tanks, chemical handling areas, sumps/pits, and floor drains/underground drains.

Former Drum Storage Area: According to Mr. Bolles, a large drum storage area was previously located to the east of Building 320.

Former Tidewater Oil Company: According to the 1940 Sanborn map, the Tidewater Oil Company was located on the southeastern side of Area E (Figure 4). This facility was also shown on previous Sanborn maps under different names. The facility included a large gasoline AST and various oil ASTs.

Monitoring Well R-14: Monitoring well R-14, located on the southeastern side of Area E (immediately east of the former Tidewater Oil Company and in the vicinity of the former BCC wastewater lagoons that were closed in 1989) was the subject of a NYSDEC Spill Report dated March 22, 2001. According to the report, BCC reported the presence of petroleum in the well. The report indicated the petroleum had previously been discovered in the same well in 1996. BCC indicated that no storage of petroleum products by BCC occurred at the location of well R-14. NYSDEC has indicated that the occurrence of free-phase petroleum in R-14 must be investigated during the RI/FS.

Electrical Transformers/Substations: According to the 1950 Sanborn map and Mr. Bolles, a former Niagara Mohawk electrical substation was located on the southwestern corner of Area E (Figure 4). Another substation is located on the northwestern corner of Area E. Mr. Bolles indicated that PCB transformers may have been used previously at those locations.

Former Lagoons 1, 2 and 3: As described in Section 2.1, these three former wastewater lagoons were closed in accordance with RCRA requirements and approved by NYSDEC between 1984 and 1988. The lagoons were drained, sludge was removed, and the areas were backfilled with soil and capped/revegetated. However, residual soil and shallow groundwater contamination

associated with these former lagoons is expected to remain based on the sampling data associated with the lagoon closure work and subsequent investigations.

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4.1.5 Site Wide Features

Underground Sewer Lines: As shown on Figure 3, there is an extensive network of underground sewer lines (both sanitary and storm) located on the property. The sanitary sewers discharge to the Buffalo Sewer Authority. As described in various project documents, including the CMS report (Golder, 2000) and the 100 Percent Basis of Design document (MACTEC, 2005), there is evidence that groundwater infiltrates the sanitary sewer lines. The underground storm sewer lines located on Area A discharge to the Buffalo River via Outfall 006. The underground storm sewer lines located on Areas B, C and E discharge to the Buffalo River via Outfall 011 located on PVS property. The discharges were authorized under State Pollutant Discharge Elimination System (SPDES) permits issued to BCC, which require BCC to perform monthly monitoring. During 2005, by which time plant operations had ceased, samples of effluent collected by BCC at Outfall 011 were found to contain levels of total recoverable phenolics (TRP) at concentrations that exceeded the maximum allowable concentrations under the SPDES permit. Flow rates at Outfall 011 during these sampling events were approximately 40,000 gallons per day. Since filing bankruptcy, BCC has not continued with the required SPDES monitoring for Outfalls 006 and 011. Although the SPDES permits and associated monitoring requirements are not Honeywell's responsibility, Honeywell agreed to investigate this issue during the RI/FS to determine if infrastructure issues associated with facility storm sewer lines resulting in infiltration of contaminated groundwater.

Confined Aquifer: As described above, the Confined Aquifer exists at the site above the bedrock and below the glaciolacustrine clay. In the Confined Aquifer, contaminants were detected during the RFI at concentrations that were significantly lower than those identified in the Shallow Aquifer. Golder concluded in the RFI report that potential impacts to human health or the environment associated with the Confined Aquifer are negligible, and MACTEC agrees with this conclusion. However, NYSDEC requested that further evaluation of the Confined Aquifer be performed as part of the RI process. As explained below, the results of this RI support Golder's conclusion.

5.0 SAMPLING AND ANALYSIS METHODS

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The initial RI sampling and analysis was completed in accordance with the RI/FS Work Plan (Revision 1 dated September 29, 2006) and are described in Sections 5.1 through 5.4. Based on the results of the initial RI activities, a Supplemental Investigation (Section 5.5) and a Background Study (Section 5.6) were also completed for the Site. NYSDEC representatives were on Site periodically to observe the RI field activities. These activities are described in detail below.

5.1 SITE SOIL (SURFACE AND SUBSURFACE)

5.1.1 Soil Borings

From January 2, 2007 through January 11, 2007, MACTEC advanced 92 soil borings across the Site to characterize Site soils. The boring locations were selected to evaluate the data gaps and areas of concern described in Section 4.1 and also to obtain spatial coverage across the Site. The rationale for the specific boring locations is summarized on Table 1. The boring locations are depicted on Figure 5.

MACTEC retained SJB Services, Inc. of Hamburg, New York to advance the test borings with direct-push drilling equipment (Geoprobe^{TM}). Thirty-three (31) direct-push borings were advanced on Area A (borings TB-A1 through TB-A31), fourteen (14) borings were advanced on Area B (borings TB-B1 through TB-B14), thirteen (13) borings were advanced on Area C (borings TB-C1 through TB-C13), and thirty-two (32) borings were advanced on Area E (borings TB-E1 through TB-E32). Two soil borings (TB-A32 and TB-A33) were also advanced on Area A using a conventional rotary drill rig as described in Section 5.1.2.

Soil samples were collected continuously during drilling with a 4-feet long stainless steel sampler fitted with an inner disposable clear plastic sample tube. The borings were advanced into the first zone of saturation or sampler refusal, whichever occurred first. Upon retrieving the plastic sample tube, the tube was cut open and screened with a photoionization detector (PID). MACTEC inspected the samples for evidence of contamination such as odor, discoloration, staining, or SPL and described the soil using the Unified Soil Classification System (USCS). Boring logs were

prepared for each test boring and include USCS descriptions, PID readings, and other pertinent information. Copies of the boring logs are provided in Appendix C.

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A total of 174 soil samples were collected from the borings for analytical laboratory testing. At the majority of boring locations, one soil sample was collected from the upper 2 inches of soil to evaluate surface conditions in accordance with the NYSDEC Draft DER-10 manual ("Technical Guidance for Site Investigation and Remediation") and one soil sample was collected from an interval below a depth of 2 inches and above the top of the first water-bearing zone to evaluate subsurface soil conditions. When possible, the subsurface samples were collected from unsaturated intervals that exhibited evidence of contamination (i.e., elevated PID reading, discoloration, staining, etc.). When no direct evidence of subsurface contamination in unsaturated soils was encountered at a particular boring location, the subsurface sample was collected from immediately above the first water-bearing zone. Except for the subsurface soil samples collected from borings TB-A32 and TB-A33 (which were advanced near suspected former UST locations), no saturated soil samples were analyzed.

The soil samples were managed, packaged, and shipped with chain-of-custody forms to STL Buffalo, a New York-licensed laboratory approved for use by Honeywell. The soil samples were analyzed for

- TCL VOCs by USEPA Method 8260;
- TCL SVOCs (including aniline) by Method 8270;
- TAL metals the EPA 6000/7000 series of methods; and
- Total cyanide by EPA Method 9012A.

The VOC portion of each soil sample was collected with Encore™ samplers in accordance with EPA Method 5035. The laboratory also reported tentatively identified compounds (TICs) for VOCs and SVOCs in accordance with the USEPA Contract Laboratory Program (CLP). Samples collected in the vicinity of electrical substations/transformers on Areas A and E were also analyzed for PCBs by EPA Method 8081.

Drill cuttings were used to backfill the borings upon completion of drilling. The locations of each boring were recorded using a hand-held global positioning system (GPS) unit. The GPS

coordinates were then converted to state plane coordinates and plotted on the Site plans included in this report and the FS report.

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5.1.2 Test Pits

As noted in Section 4.1.1, fuel oil and alcohol USTs were identified on historic Sanborn maps at two locations on Area A. No records have been identified to indicate if the USTs were removed or if they were closed in place. The approximate locations of the USTs were located by MACTEC in the field based on the scaled locations determined from the Sanborn maps and existing reference points. MACTEC retained SJB to use a rubber-tired backhoe to excavate two test pits at the former fuel oil UST locations (TP-A1 and TP-A2) and two test pits at the former alcohol UST location (TP-A3 and TP-A4). The test pit excavations occurred on January 9, 2007. Surface soil samples were collected from test pits TP-A1, TP-A2 and TP-A4. Subsurface soil samples were collected from a depth interval of 3 to 4 feet below ground surface from test pits TP-A2 and TP-A4. A MACTEC field geologist/engineer visually inspected each excavation. No USTs were encountered in any test pit. However, obstructions believed to be concrete slabs were encountered at depths ranging from 1 to 8 feet at each test pit location.

To further investigate the suspected former UST locations, MACTEC directed SJB to advance test borings TB-A32 and TB-A33 immediately downgradient from the reported UST locations. The borings were advanced with a conventional rotary drill rig using hollow stem augers. Soil samples were collected via split barrel samplers for field screening and visual inspection by MACTEC. One subsurface soil sample was collected from each boring to evaluate subsurface conditions. The borings were advanced to a depth of 15 feet below ground surface. Copies of the borings logs are included in Appendix C.

The soil samples collected from the fuel oil UST location (TP-A1, TP-A2 and TB-A32) were analyzed for the same parameters as listed above for the soil borings, plus the fuel oil parameters specified in the STARS #1 "Petroleum Contaminated Soil Guidance Policy". The samples collected from the alcohol UST location (TP-A3, TP-A4, TB-A33) were analyzed for the same parameters as the soil borings, plus alcohols (including methanol and ethanol) in accordance with EPA Method 8015.

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5.2 SITE GROUNDWATER

A detailed groundwater monitoring plan is provided in the Final Operations, Maintenance & Monitoring (OM&M) Plan prepared by MACTEC for the ICM at Areas ABCE (March 2006). In discussions with NYSDEC, it was agreed that the initial groundwater monitoring performed under the OM&M plan would be incorporated into the RI/FS.

Prior to sampling, MACTEC completed a well inventory to verify the location and condition of each well selected for monitoring. Table 2 identifies the wells and piezometers that were included in the RI sampling activities. Wells RFI-39, RFI-42, and RFI-45 were either damaged or could not be located, as noted on Table 2.

The groundwater sampling and water level measurement program specified in the OM&M Plan is subdivided between Areas A, B and C/E. The initial groundwater monitoring and sampling event to support the RI was completed in January 2007, and the following sections describe the groundwater monitoring activities by area.

5.2.1 Area A

Groundwater samples were collected in January 2007 from the five Area A MCS extraction wells (none of which were pumping at the time of sampling), four existing Shallow Aquifer wells (W6-R-R, RFI-22, RFI-24 and RFI-25) and five new monitoring wells (ICM-101 through ICM-105). ICM-101 was installed as part of the ICM as a Shallow Aquifer background well for Area A about midway along the west property line. Wells ICM-102 through ICM-104 are located in areas between the extraction wells. The Confined Aquifer wells RFI-16 and RFI-23D were also sampled. Water levels were recorded in each of these wells, along with selected other wells and piezometers located at Area A.

In February 2007, depth-discrete samples were collected from extraction well EW-1 and nearby piezometer PZ-102. The samples were collected using a peristaltic pump to evaluate chlorobenzene concentrations at depths above, at, and below the pump intake depth under static conditions (i.e., when the extraction wells were not in operation).

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During the Area A groundwater monitoring and sampling activities, monitoring wells and piezometers were inspected for the presence of SPL. An electronic interface probe was used to gauge the thickness of SPL, where present.

5.2.2 Area B

In January of 2007, groundwater samples were collected from Area B Shallow Aquifer wells RFI-18, RFI-27, RFI-28, RFI-30, RFI-35 and RFI-45. A groundwater sample was also collected from Confined Aquifer well RFI-19D. Water levels were measured in each of these wells along with piezometer PS-07.

5.2.3 Areas C and E

In January 2007, water level measurements and collection of groundwater samples were performed at Shallow Aquifer wells RFI-17, RFI-20, RFI-29, RFI-31, RFI-32, RFI-33, RFI-36, RFI-39, RFI-42, RFI-43, RFI-51, RFI-PZ-17, RFI-PZ-18 and RFI-PZ-19 and Confined Aquifer wells RFI-21D, R-01 and R-04.

Water levels were measured in these wells and in piezometers PS-01-N, PS-01-S, PS-02-N, PS-02-S, PS-03-N, PS-03-S, PS-04, PS-05, PS-06, and PS-13, monitoring well R-15, piezometer PZ-119, and in new piezometers PZ-120-S and PZ-120-N, which were installed on the immediate south and north side, respectively, of the gravity sewer along Prenatt Street to verify that grouting of the breach in the wooden "sheet pile" (performed as part of the ICM described in Section 3.0) has eliminated the funneling of groundwater through the former breach.

5.2.4 Groundwater Sampling Methodology

Low-flow groundwater sampling techniques were employed during the January 2007 grounwater monitoring event, as specified in the RI/FS Work Plan. All wells, including the Area A extraction wells, were sampled using peristaltic pumps with dedicated tubing. The tubing was secured to the well casing or cap during sampling to prevent disturbance of any sediments in the well. Pumping rates were kept at less than 300 milliliters per minute during purging and sampling.

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The inorganics and metals portions of the groundwater samples were collected when groundwater turbidty was below 50 Nephelometric Turbidity Units (NTUs). The use of low-flow sampling techniques helped to minimize turbidity levels in the samples. Purge water was containerized and discharged to the onsite sanitary sewer system or allowed to infiltrate in the immediate area of the well.

5.2.5 Groundwater Analytical Protocols

The groundwater analytical data was generated using USEPA SW-846 analytical procedures (USEPA, 1997). Groundwater analytical methods and parameters are summarized below:

- VOCs by Method 8260B with reporting of TICs per CLP guidelines
- SVOCs by Method 8270C with reporting of TICs per CLP guidelines
- TAL Metals by Method 6010B including mercury by Methods 7470A and 7471A
- Total Cyanide by Method 9012A
- Sulfide by Method 376.1
- Sulfate by Method 300.0
- Chloride by Method 300.0
- Nitrate/Nitrite by Method 353.2

Container size and type, preservative, and holding time requirements for groundwater samples were consistent with SW-846 and NYSDEC requirements. Groundwater samples were labeled and transported to the laboratory with chain of custody documentation in accordance with NYSDEC and Honeywell requirements. Quality assurance/quality control requirements for groundwater samples are specified in the Quality Assurance Project Plan (QAPP) provided as part of the RI/FS Work Plan.

5.3 SOIL GAS SAMPLING AT AREA B

As noted previously, the office building located at 100 Lee Street was recently sold by BCC and is under new ownership. As of the date of this report, there were no full time occupants of the building, but the building may be used in the future as commercial office space. Based on this future use scenario, NYSDEC indicated that the indoor air pathway for the office building must be addressed. On July 7, 2007, MACTEC collected two sub-slab soil vapor samples within the

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building via temporary sample points to evaluate the soil vapor intrusion pathway, as specified in the RI/FS Work Plan. The sample points were designated SV-B01-0707 and SV-B02-0707 and were located on the northern and southern ends of the office building as shown on Figure 6. Prior to sample collection, a checklist was completed to describe building conditions that might affect the vapor intrusion pathway; a copy of the completed checklist is provided in Appendix D. The subslab vapor samples were collected by drilling a ¼-inch hole into the concrete and inserting tubing connected to a one-liter flow-regulated Summa™ canister into the hole. The annular space around the tubing was sealed using pure bees wax. Prior to sampling, purging of the sub-slab interval was performed by withdrawing 100 cubic centimeters (cc) of air using a disposable 10 cc syringe. Samples were collected by opening the valve on the Summa™ canister and withdrawing a representative air sample at a rate of 0.2 liter per minute over a period of 60 minutes in accordance with EPA Method TO-15.

The Summa canisters were labeled and submitted with chain of custody documentation to STL for VOC analyses by EPA Method TO-15.

5.4 SITE WIDE AOCS

As noted in Section 4.1.5, two site-wide AOCs were to be addressed during the RI/FS: the underground storm sewer network associated with Outfalls 006 and 011 and the Confined Aquifer.

5.4.1 Site Sewers

Honeywell conducted sampling of solid material present within the plant sanitary and storm sewers from accessible locations on Areas ABCE. As noted in Section 4.1.5, the facility sanitary sewer lines discharge to the Buffalo Sewer Authority system and the storm sewers discharge to the Buffalo River via Outfalls 006 (Area A) and 011 (Area E). The samples of solid materials collected from Site sewers during the RI were managed, packaged, shipped to the laboratory, and analyzed for the same parameters and test methods as the RI soil samples, as described in Section 5.1.1. Prior to sampling, MACTEC reviewed utility location plans and conducted a site walk with Mr. Bolles to identify manholes, storm sewer intakes, sewer cleanouts, and/or sumps where sludge or sediment was visible and accessible within the facility storm sewer and sanitary sewer systems. Due to safety concerns, no confined space entry work was performed to collect these samples. A total of seven (7) samples of solid material were collected with a long-handled scoop from

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locations where solid material was identified within the facility sewer lines. The sample locations and types (storm sewer or sanitary sewer) are identified on Figure 3. Following is a summary of the sample locations by identification number and location:

- SED-A01-0107: Area A, manhole at juncture of 12-inch, 24-inch and 30-inch storm sewer lines
- SED-A02-0107: Area A, manhole at juncture of 6-inch and 12-inch sanitary sewer pipes
- SED-B01-0107: Area B, manhole at 36-inch storm sewer line
- SED-C01-0107: Area C, manhole at 18-inch sanitary sewer line along railroad tracks adjacent to southern side of Area C
- SED-C03-0107: Area C, manhole at juncture of 12-inch and 24-inch sanitary sewer lines
- SED-E01-0107: Area E, manhole at juncture of 15-inch, 21-inch and 24-inch sanitary sewer lines
- SED-E02-0107: Area E, manhole at 24-inch sanitary sewer line

To evaluate the potential for infrastructure issues with the facility storm sewer lines to lead to the infiltration of groundwater, MACTEC completed the following steps:

1. MACTEC evaluated construction records regarding the Site storm sewer system and compared storm sewer invert elevations to groundwater elevations to determine where infiltration may be occurring.

2. At selected groundwater wells located near the identified areas of potential infiltration, total recoverable phenolics were included as an analytical parameter for the groundwater samples collected from those wells during the RI groundwater monitoring event.

3. Effluent samples were collected at Outfalls 006 and 011 on March 1, 2007 following a period of at least 72 hours after the last known precipitation event. The effluent samples were collected with clean tubing and a peristaltic pump via manholes. The samples were analyzed for the parameters specified in the BCC SPDES permits, including total recoverable phenolics. The effluent flow at each outfall was estimated at the time of sampling based on visual observations.

4. A comparison was made of the results of the effluent sample values to concentrations identified in the nearby monitoring wells to determine if groundwater infiltration may be occurring.

The results of the site sewer evaluation are presented in Section 7.0.

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5.4.2 Confined Aquifer

Wells installed in the Confined Aquifer are included in the groundwater monitoring program described in Section 5.2. MACTEC has also consulted available reference materials, including regional geologic and hydrogeologic reports, to gather data regarding the extent, uses, and discharge point(s) associated with the Confined Aquifer. This information, along with the groundwater sampling data, has been used to identify and evaluate potentially complete exposure pathways associated with the Confined Aquifer as described in Sections 6.0 and 7.0.

5.5 SUPPLEMENTAL INVESTIGATION ACTIVITIES

The results of the initial RI activities were discussed with NYSDEC in a meeting between Honeywell and NYSDEC representatives at the NYSDEC Region 9 office in Buffalo on March 28, 2007. Based on the results of the initial RI work, MACTEC proposed the completion of additional site investigation work in a Supplemental Investigation (SI) Work Plan letter to NYSDEC dated April 24, 2007. NYSDEC issued comments to the SI Work Plan via a letter to Honeywell dated April 30, 2007. MACTEC responded to the comments in a letter to NYSDEC dated May 14, 2007, and NYSDEC subsequently approved the completion of the SI work via a letter to Honeywell dated May 30, 2007. Copies of each of the referenced letters are included in Appendix A. The specific SI activities completed by MACTEC are described in the following sections.

5.5.1 Hexavalent Chromium Sampling

On July 5, 2007, direct-push drilling techniques were used to collect soil samples from the RI soil sample points that contained the highest reported total chromium levels. The sample locations are as follows (reported total chromium concentrations in milligrams per kilogram are shown in parentheses for each sample):

- TB-A16-SURFACE (4,130 mg/kg)
- TB-A31-0405 (28,500 mg/kg)
- TB-C11-0203 (3,420 mg/kg)

A direct-push boring was advanced immediately adjacent to the original RI boring location and soil samples were collected from the same depth interval as the listed RI samples. Drilling,

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sample inspection, field documentation and quality assurance/quality control (QA/QC) procedures were completed as described in the RI/FS Work Plan. The samples were submitted to STL Buffalo (the same laboratory used for the initial RI work) where they were analyzed for hexavalent chromium in accordance with USEPA SW-846 Methods.

5.5.2 Soil and Groundwater Evaluation – Chlorobenzene Areas

MACTEC retained Columbia Technologies, LLC of Baltimore, Maryland to complete Membrane Interface Probing (MIP) at locations on Areas A, C and E where part per million levels of chlorobenzene were found in Site groundwater. The MIP approach utilized direct-push (i.e., Geoprobe Systems, Inc.) equipment to advance a SmartMIP™ tool equipped with an Electron Capture Device (ECD), Photoionization Detector (PID), and Flame Ionization Detector (FID). The MIP work was started on June 25, 2007 and completed on July 3, 2007. MIP has been used on various projects in New York and is recognized by federal and state agencies throughout the country as an effective site characterization approach. The data was generated in real time and analyzed in the field as the work proceeded. Data reports and maps were uploaded to the Columbia Technologies' web site on a daily basis for remote viewing by MACTEC as necessary. Logs and diagrams were produced onsite that displayed the data in both horizontal and vertical layouts to confirm sample locations and adjust them as necessary to assess the impacted areas. Twenty (20) MIP borings were advanced on Area A, seven (7) MIP borings were advanced on Area C, and nine (9) MIP borings were advanced on Area E. The MIP borings were advanced into the saturated zone to evaluate VOC concentrations with depth. The purpose of the MIP investigation was to further identify potential source areas and to further evaluate the horizontal and vertical extent of constituents at each location.

Soil samples were collected from unsaturated soils via direct push drilling equipment from 10 MIP boring locations for laboratory testing. The laboratory samples were used to compare MIP results versus actual VOC concentrations in soil. The soil samples were submitted to STL Buffalo for analyses for TCL VOCs. Soil sample handling, sample inspection, field documentation and QA/QC procedures were consistent with the RI/FS Work Plan.

Upon completion of the MIP work, Columbia Technologies produced separate reports for Areas A, C and E that describe the work methods and presents the MIP data. Charts and color-coded

maps and figures (including 3-D figures) are included in the Columbia Technologies' MIP reports. Complete copies of the reports are provided in Appendix E.

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5.5.3 Additional Soil Sampling – Boring TB-A15 Vicinity

Soil samples collected during the initial RI work from boring TB-A15 had elevated aniline concentrations (100 mg/kg in the surface soil sample and 16 mg/kg in the subsurface soil sample as discussed further in Section 6.0) when compared to other soil samples collected on the site. On July 5, 2007, MACTEC advanced six direct-push borings in the vicinity of boring TB-A15 to evaluate the extent of the elevated aniline levels. The borings were designated TB-A15A through TB-A15F. The boring locations were spaced between TB-A15 and the closest other RI boring locations which did not have significant aniline concentrations in soil. The boring locations are shown on Figure 5. At each boring location, MACTEC collected surface samples from 0 to 2 inches in depth and subsurface soil samples above the first water bearing zone. Boring logs for the TB-A15 delineation borings are included in Appendix C. Drilling, sample inspection, field documentation and quality assurance/quality control (QA/QC) procedures were consistent with the RI/FS Work Plan. The samples were submitted to STL Buffalo, where they were analyzed for SVOCs (including aniline and TICs) in accordance with the USEPA SW-846 Methods specified in the Work Plan.

5.6 BACKGROUND STUDY

The analytical results for soil samples collected during the initial RI activities identified concentrations of arsenic and polynuclear aromatic hydrocarbons (PAHs) that exceed the 6NYCRR Part 375 SCOs at almost all locations across the Site. These results occur in a pattern that does not appear to reflect site-related spills or releases and reported concentrations were at levels within potential urban background ranges. Based on correspondence with NYSDEC, it was determined that a Background Study was appropriate to determine if the concentrations of arsenic and PAHs in the majority of the RI site surface soil samples are consistent with background levels. MACTEC issued a letter to NYSDEC dated June 18, 2007 that identified a proposed approach to complete the Background Study. NYSDEC provided comments on the proposed approach in a letter to Honeywell dated June 29, 2007. MACTEC presented draft responses to the NYSDEC comments via email, to which Honeywell responded via email with additional comments and questions. Ultimately, NYSDEC indicated in a telephone conversation with MACTEC on August 8, 2007 that NYSDEC would not provide formal approval of the Background Study approach, but

that it was acceptable for Honeywell to complete the Background Study and present the results in the RI report. Copies of the various letters and email correspondence pertaining to the Background Study are provided in Appendix A.

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To complete the Background Study, MACTEC followed current USEPA guidance (USEPA, ProUCL Version 4.0, Technical Guide, 2007) and the procedures used by NYSDEC to establish SCOs based on background concentrations as described in Chapter 9 and Appendix D of the Technical Support Document (TSD) (http://www.dec.ny.gov/chemical/34189.html). The USEPA guidance indicates that background evaluations and comparisons require the computations of Upper Prediction Limits (UPLs) and Upper Tolerance Limits (UTLs) to estimate background threshold values (BTVs). To be consistent with the NYSDEC methodology cited in the TSD, MACTEC used the distribution free (nonparametric statistical approach) in calculating the 98th percentile of the background sample results (at a confidence limit of 95%) for arsenic and PAHs. Rather than conducting a statistical comparison of the site and background datasets, the statistics are performed on the background dataset to determine what concentrations ranges can be expected for the background population. The UPLs and UTLs are used for screening of constituents of concern, to identify site areas of concern and "hot spots", and also to compare site concentrations with those of the background. The BTVs are used as not-to-exceed values on a sample by sample basis. Each RI data point for surface soil (i.e., soil samples collected within the upper two feet) has been compared against the calculated BTVs as described in Section 6.0.

To complete the background study and to ensure that an appropriate background data set of a reasonable size is obtained to characterize a background area including computation of upper limits (e.g., estimates of BTVs or not-to-exceed values), MACTEC collected 15 soil samples from off-site background locations on August 10, 2007. The samples were designated BS01-Surface through BS15-Surface. GPS coordinates were obtained for each sample point and the sample locations are depicted on Figure 7. The samples were collected from public rights-of-way and City-owned properties (sidewalk areas, utility easements, etc.) in the vicinity of the Buffalo Color site. The sample locations were at least 2 meters (approximately 6 feet) from the roadways and sidewalks, as directed by NYSDEC. The sample locations were reviewed with Ms. Linda Ross of NYSDEC for concurrence prior to sample collection.

The background soil samples were collected with hand shovel from the upper two inches of soil, as directed by NYSDEC. Care was taken to ensure that the samples did not include pavement,

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trash, or materials with evidence of contamination (such as discernable odor or staining). The background soil samples were submitted to the STL Buffalo laboratory, where they were analyzed for PAHs via EPA Method 8270C and arsenic via the EPA Method 6010 series. The background soil samples were labeled, handled, analyzed, and validated in accordance with the procedures and QA/QC requirements described in the RI/FS Work Plan dated September 29, 2006.

6.0 RESULTS

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The following sections describe the results of the Remedial Investigation completed for the BCC Areas ABCE Site. Copies of the STL analytical reports for the RI work are provided on the compact disc in Appendix F.

6.1 SITE GEOLOGY AND HYDROGEOLOGY

Boring logs have been prepared for the RI borings, copies of which are provided in Appendix C. The information obtained during the RI regarding site geology and hydrogeology is generally consistent with that found during the RFI and prior investigations (as summarized in Section 2.2).

The RI boring logs have been used to supplement the cross sections prepared during the RFI (Golder, 1997-1998). The updated cross sections are provided as Figures 8. Copies of cross sections prepared during the RFI by Golder are included in Appendix A.

Groundwater levels were measured at the site wells and piezometers in January 2007 prior to collection of groundwater samples. The water levels and associated groundwater elevations are summarized in Table 2. The groundwater elevations were used by MACTEC to prepare groundwater contour maps.

Figure 9 depicts groundwater contours based on RI groundwater level measurements for the wells/piezometers screened within the fill unit. Figure 10 depicts groundwater contours based on RI groundwater level measurements for the wells/piezometers screened within the underlying alluvial and glacial materials. These contours are consistent with those determined during the previous RFI work. There are variations in groundwater elevation between the wells/piezometers screened within the fill unit versus those screened within the alluvial and glacial deposits, though it is clear that both zones are part of the Shallow Aquifer. These variations are likely due to differences in hydraulic conductivity, surface infiltration rates, and man-made influences such as underground utility lines. In general, groundwater in the Shallow Aquifer flows toward the Buffalo River and discharges to the river under normal conditions. However, operation of the Area A groundwater extraction system (see Section 3.0) and the presence of subsurface utilities and other manmade features at the Site influence local flow conditions within the Shallow Aquifer. Figure 3 shows the location of known subsurface sewer lines. Portions of the sewer lines

(and surrounding backfill materials) that are present below the water table often act as groundwater collection points, as described in Section 2.2.

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Figure 11 shows the groundwater contours for the Confined Aquifer based on water level measurements obtained from wells screened within the basal till and upper bedrock units. As noted in Section 2.2, the groundwater in the Confined Aquifer exists under apparent confined conditions within the Basal Till unit and upper portion of the Onondoga Limestone beneath the base of the glaciolacustrine clay. As shown on Figure 11, there is high point located on the southeastern side of Area E based on water level measurements made in well R-07, which is screened within the confined unit. The high point was identified as a groundwater divide during the RFI and its occurrence may be due to a natural anomaly, surveying error, or man-made conditions (compromised well seal). In general, groundwater flow within the confined unit is to the west/southwest along the Buffalo River valley with the ultimate discharge point expected to be Lake Erie.

Golder reported that vertical gradients calculated between the Shallow and Confined Aquifers in 1997 ranged from -0.11 to -0.13 ft/ft, indicating a downward gradient. Downward gradients were confirmed during the RI as evidenced by the differences in elevation between the shallow and deep well combinations at RFI-20/RFI-21D, RFI-22/RFI-23D, and W6-R-R/RFI-16.

6.2 SITE SOIL (SURFACE AND SUBSURFACE)

Consistent with use of the Site for chemical dye manufacturing processes that occurred for over 100 years, the RI test borings encountered soils at certain locations that exhibited elevated PID readings, staining (typically blue or purple in color), odor, or other evidence of potential impact. These conditions are noted on the RI test boring logs provided in Appendix C. In many instances, these conditions were observed in saturated soils. In certain locations, these conditions were associated with unsaturated soils, in which case certain soil samples were collected for laboratory analyses in order to bias the sampling to address potential worst-case conditions. Specific soil samples collected from locations that exhibited evidence of potential contamination included:

AREA A

- TB-A03-0204 (elevated PID reading at water table – 4 ft.)
- TB-A12-SURFACE (elevated PID reading)

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- TB-A14-0102 (blue staining)
- TB-A15-0102 (blue staining)
- TB-A19-0304 (elevated PID reading at water table – 4 ft.)

AREA B

- TB-B13-0607 (hydrocarbon-like odor noted at water table – 7 ft.)
- TB-B14-0304 (blue staining)

AREA C

- TB-C03-0304 (hydrocarbon-like odor at water table – 4 ft.)

AREA E

- TB-E01-SURFACE (purple staining)
- TB-E07-0304 (elevated PID reading)
- TB-E09-0304 (elevated PID reading)
- TB-E27-0708 (hydrocarbon odor)

Tables 3 through 6 summarize the analytical results (for detected substances only) for the initial RI soil samples collected from the test borings. These tables summarize the results by area and types of analytes and include the 6 NYCRR Part 375 SCOs for comparison. Surface (i.e., 0 to 2 inch) samples are identified via the word "SURFACE" at the end of the sample identification number. Subsurface sample depth intervals are identified via the last four digits of the sample identification number (i.e., sample TB-A01-0506 was collected from a depth of 5 to 6 feet below ground surface).

It should be noted that SCOs are not provided in 6 NYCRR Part 375 for aniline and nitrobenzene, two substances identified as COCs for the Site. Per the guidance in 6 NYCRR Part 375, MACTEC calculated SCOs for these substances. The calculated SCOs are provided on the data summary tables. Copies of the detailed SCO calculations for aniline and nitrobenzene as completed by MACTEC are provided in Appendix G.

Figures 12 and 13 summarize the surface and subsurface sample results, respectively, that exceeded the Industrial SCOs. Figures 14 and 15 summarize the surface and subsurface soil sample results, respectively, that exceeded the Protection of Groundwater SCOs. These specific SCOs were used because the most likely future use scenario involves industrial use.

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As shown on the referenced data summary tables and figures, the initial RI soil analytical results identified the following:

- Arsenic and PAHs were found consistently across the Site at levels that exceeded the SCOs. The results occur in a pattern that does not appear to reflect site-related spills or releases and these substances are known to be present as background contaminants throughout the state. However, there are certain sample locations where concentrations of arsenic and/or PAHs are markedly higher than surrounding samples (such as the PAH concentrations identified at boring locations TB-E21, TB-E22, TB-E23 and TB-E30) and do not appear to represent potential background conditions.

- Only certain metals (including arsenic and mercury) and SVOCs (primarily PAHs) were found in surface or subsurface unsaturated soil at levels that exceeded the Industrial SCOs. No VOCs were found in the Site soil above the Industrial SCOs.

- Given the generally lower values for Protection of Groundwater SCOs, there were more substances identified in the surface and subsurface soil samples that exceeded the Protection of Groundwater SCOs. Substances that exceeded these SCOs consistently across the Site were various metals (including arsenic) and PAHs. Other substances in the soil samples at concentrations above the Protection of Groundwater SCOs occurred at specific sample locations primarily on Areas A and E and included aniline (an SVOC) and benzene, chlorobenzene, dichlorobenzenes, nitrobenzene, and other VOCs.

6.3 SITE GROUNDWATER

Table 7 summarizes the analytical results (for detected substances only) for the RI groundwater samples. Table 7 summarizes the results by area and analytes and includes for comparison the relevant Class GA (fresh groundwater) water quality standards as provided in 6 NYCRR Part 703.

Figures 16 and 17 provide visual summaries of the groundwater analytical results that exceeded the Class GA standards for samples collected from wells/piezometers screened in the Shallow Aquifer and the Confined Aquifer, respectively. The data obtained during the RI identified the following with respect to Site groundwater quality:

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- Organics in Shallow Groundwater: There are three characterized areas where elevated concentrations of chlorobenzene (i.e. part per million levels) are present in the shallow groundwater. The largest of these areas is located on the central and southern portion of Area A (see Figure 16). The shallow groundwater in this area also contains aniline above the Class GA Standard at part per million levels. The second location where part per million levels of chlorobenzene were found in shallow groundwater was at Area C at the location of upgradient monitoring well RFI-20 (Figure 16). The third location of elevated chlorobenze levels in shallow groundwater was at well RFI-32 on Area E (Figure 16). This location is immediately downgradient of a large former AST farm.

- Metals/Inorganics in Shallow Groundwater: Various metals and inorganic parameters were found at concentrations that exceed the NY Class GA standards across the site. As with the soil, it is suspected that naturally occurring background or anthropogenic conditions contribute to these concentrations.

- Confined Aquifer: During the RI, groundwater samples were collected from six wells screened in the Confined Aquifer. These wells span the site from Area A to Area E. Samples from these wells were found to contain several metals/inorganics and SVOCs at relatively low concentrations that slightly exceed the Class GA standards. No chlorobenzene or other VOCs were identified in any Confined Aquifer sample at levels that exceeded the Class GA standards.

6.4 SOIL GAS SAMPLING AT AREA B

The analytical results for the subslab soil gas samples collected from the Area B office building are summarized in Table 8 (detected substances only are shown). The complete STL analytical report for the soil gas samples is provided on the CD in Appendix F. As shown on Table 8, various organic substances were detected in the two subslab soil gas samples (SV-B01-0707 and SV-B02-0707). As described in Section 3.3.2 of the guidance document "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (NYSDOH, October 2006), there are presently no standards, criteria, or guidance values in New York State for concentrations of substances in subslab vapor samples. However, NYSDOH has provided indoor air guidelines for the following volatile chemicals:

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- Carbon tetrachloride (Matrix 1)
- 1,1-Dichloroethene (Matrix 2)
- Cis-1,2-dichloroethene (Matrix 2)
- Tetrachloroethene (Matrix 2)
- 1,1,1-Trichloroethene (Matrix 2)
- Trichloroethene (Matrix 1)
- Vinyl chloride (Matrix 1)

As described in Section 3.4.2 of the NYSDOH guidance document and as modified in a NYSDOH letter to NYSDEC dated June 25, 2007, the matrices are used to determine actions necessary based on subslab vapor and indoor air concentrations of the volatile chemicals. As shown on Table 8, none of the listed substances were detected in the subslab vapor samples collected from the Area B office building.

6.5 SITE SEWERS AND OUTFALLS

Table 9 summarizes the detected constituents identified in the seven sewer solids samples collected during the RI. Table 10 summarizes the detected constituents identified in the effluent samples collected from Outfall 006 (sample SW006-0307) and Outfall 011 (sample SW011-0307). At the time of sampling, the flow rate at the Outfall 006 sampling point could not be estimated visually and the estimated flow at the Outfall 011 sampling point was 1 to 2 gpm. As shown on Tables 9 and 10, various substances were detected in the sewer solids and outfall effluent samples.

6.6 SUPPLEMENTAL INVESTIGATION

The SI work was completed in July 2007. Results are discussed below.

6.6.1 Hexavalent chromium sampling

The hexavalent chromium (chromium VI) concentrations reported for the soil samples collected at TB-A16-SURFACE, TB-A31-0405, and TB-C11-0203 are provided in Table 11. Included on the table for comparison are the relevant SCOs for hexavalent chromium. All results were below the Residential SCO of 22 mg/kg, indicating that hexavalent chromium is not present at significant levels in the Site soil. Thus, the SCOs for trivalent chromium (chromium III) are used in tables that summarize the RI soil analytical data.

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6.6.2 MIP Study

Complete copies of the reports prepared by Columbia Technologies for the MIP studies at Areas A, C and E are provided in Appendix E. The reports include a narrative description of the MIP investigation methodology, color figures that display the results for the various MIP detectors (PID, FID, and ECD), and the individual MIP logs with graphical presentation of the detector results. According to Columbia Technologies, the PID and ECD detectors are able to identify chlorobenzene while the FID detector cannot.

The MIP study results can be summarized as follows:

- Area A: With the exception of localized results at boring MIP-A02 (which was advanced within an area previously disturbed during excavation of RI test pits TP-A03 and TP-A04), the MIP results indicate that the VOC contamination is present within the saturated zone and limited to the southern portion of Area A. All detectors identified the area with highest detector responses to be located on the western portion of the Site that borders the railroad tracks. Historically, this area was the location of various former storage tanks associated with Area A operations. Several MIP borings were advanced in the vicinity of the sewer line for Outfall 006; no evidence was found during the MIP study to suggest that the sewer line backfill is a preferential pathway for migration of contaminated groundwater.

- Area C: The lack of any significant PID response, along with the localized ECD response at boring MIP-C01, suggests that the highest level of chlorobenzene in shallow groundwater is limited to the northwestern corner of Area C. This is consistent with the analytical data associated with the RI soil and groundwater sampling.

- Area E: The MIP results indicate the VOC contamination is present within the saturated zone in the vicinity of the large AST farm. MIP borings that exhibited the highest PID and FID responses within the saturated zone were MIP-E01, MIP-E04, and MIP-E09. Elevated ECD responses were observed at MIP-E01 and MIP-E04. MIP borings MIP-E05, MIP-E06 and MIP-E07 were advance immediately west of Area E along the 36"-inch diameter BSA sewer line that runs parallel to the property line. The intent of these borings was to determine if there was evidence that the sewer line backfill was acting as a

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preferential pathway for migration of chlorobenzene-contaminated groundwater. As shown in the Area E MIP report, there were no elevated detector responses associated with the MIP borings advanced along the sewer line.

As noted in Section 5.5.2, soil samples were collected from intervals of unsaturated soil samples at selected MIP boring locations where evidence of VOC contamination was identified by the MIP detectors. The soil samples were analyzed by STL for VOCs. The results of this testing are summarized in Table 12. The Industrial and Protection of Groundwater SCOs are provided on the table for comparison. As shown on the table, benzene and lesser concentrations of other VOCs were identified in several of the soil samples collected at Area A. No significant concentrations of VOCs were identified in the unsaturated soil samples collected from Area C. At Area E, several soil samples contained significant concentrations of benzene and chlorobenzene, with lesser concentrations of other VOCs. The significance of these results is discussed in Section 7.0.

6.6.3 TB-A15 Delineation Sampling

The analytical results for the soil samples collected from borings advanced in the vicinity of RI boring TB-A15 are summarized in Table 13. The relevant SCOs for the analyzed PAHs are also provided on the table for comparison. As shown on the table, concentrations of various PAHs were identified within the TB-A15 area borings at concentrations that exceed the SCOs. The significance of these results is discussed in Section 7.0.

6.7 BACKGROUND STUDY

The analytical results for the fifteen (15) background soil samples are summarized in Table 14. Figure 7 identifies the background sample locations. As described in Section 5.6, MACTEC utilized EPA-approved software (ProUCL Version 4.0, 2007) to calculate the BTVs for arsenic and PAHs. The results of the statistical evaluation, including the output from the ProUCL software), are provided in Appendix H. The calculated BTVs are included on Tables 3 through 6 for comparison to the RI soil sample analytical data. The results of the Background study indicate that background values exceed the SCOs for arsenic and PAHs.

6.8 TENTATIVELY IDENTIFIED COMPOUNDS

As specified in the RI/FS Work Plan, identification of TICs for VOCs and SVOCs was included for in the RI sample analytical program. TIC results are included on the tables provided in the

data validation reports provided in Appendix I and discussed below in Section 6.9. In general, the TICs were consistent with the concentrations and types of contaminants identified in the Target Compound List analytes selected for the soil and groundwater samples. This confirms that the TCL parameters have adequately identified the COCs associated with the Site.

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6.9 QUALITY ASSURANCE/QUALITY CONTROL

Quality assurance/quality control (QA/QC) procedures were utilized throughout the project as described in the QAPP set forth in the RI/FS Work Plan. The project QA/QC protocol was consistent with the most recent version of DER-10. Quality control samples in the form of aqueous trip blanks, aqueous field blanks, duplicate groundwater samples, and matrix spike/matrix spike duplicate (MS/MSD) samples were collected and analyzed as specified in the QAPP. The analytical results for the QC samples are included in the analytical reports provided on the CD in Appendix F.

Category B deliverables as defined in the NYSDEC ASP were reported for all samples collected during remedial investigation activities. Analytical data was validated by a MACTEC project chemist in accordance with NYSDEC Data Usability Summary Report (DUSR) guidelines (NYSDEC, 2002) and Honeywell Remediation program data validation procedures. Complete copies of the data validation reports are provided in Appendix I.

It should be noted that, as a result of the data validation process, data qualifiers have been modified for certain constituents and samples; the modified data qualifiers are included on the various data summary tables provided in this report. No significant data quality issues were identified through the validation process. Therefore, the analytical results generated during the RI are considered to be reliable for the purposes of this report and the separately-issued FS report.

7.0 CONTAMINANT EVALUATION

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The data obtained during the RI, as well as data obtained from previous investigations and studies, have been used to identify the areas with Site-related contamination above the SCOs (soil) and the Class GA standards (groundwater). The extent and locations of impacted areas, along with the conceptual site model, are discussed below.

7.1 LOCATION, TYPE AND EXTENT OF CONTAMINATION

The following sections describe the location, type and extent of contamination by area and media.

7.1.1 Site Soil

Figures 12 and 13 summarize the RI soil sample analytical results that exceeded the Industrial SCOs and Figures 14 and 15 summarize the results that exceeded the Protection of Groundwater SCOs. The Industrial and Protection of Groundwater SCOs were chosen for direct comparison because they are the most relevant from a risk evaluation standpoint and are representative of the most likely future use scenario.

SURFACE SOIL

As shown on Tables 3 through 6 and Figures 9 and 11, the majority of RI surface soil samples (i.e., samples collected from the upper two inches of soil, in many cases immediately below surface pavement) were found to contain concentrations of arsenic and PAHs that exceeded the Industrial and Protection of Groundwater SCOs. However, the majority of these samples do not exceed the calculated background values for arsenic and PAHs as shown on Tables 3 through 6. Other metals, such as mercury and lead, were found in certain soil samples at concentrations that exceeded the SCOs. No VOCs were identified in any RI soil sample at levels that exceeded the Industrial SCOs. A limited number of surface samples (one on Area A, none on Area B, two on Area C, and six on Area E) were found to contain certain VOCs above the Protection of Groundwater SCOs.

SUBSURFACE SOIL

As shown on Tables 3 through 6 and Figures 13 and 15, many of the RI subsurface soil samples (i.e., samples collected below a depth of two inches and above the first saturated interval) were

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found to contain concentrations of arsenic and PAHs that exceeded the Industrial and Protection of Groundwater SCOs. These results are consistent with the prior soil sampling results, including the RFI soil data and the results of soil samples collected at Area A during the ICM construction process described in Section 2.1. Similar to the surface soil samples, many of these samples do not exceed the calculated background values for arsenic and PAHs as shown on Tables 3 through 6. Other metals, such as mercury and lead, were found in certain soil samples at concentrations that exceeded the SCOs. Significant potential sources of soil to groundwater impact were identified at the following locations as depicted on Figure 18:

- Area A in the vicinity of boring TB-A15 (SVOCs, including aniline and nitrobenzenes); the approximate surface area of impact is 14,500 ft^2, and the average depth to saturated soil is 4 feet, which results in an approximate volume of 56,000 ft^3 (or 2,100 cubic yards) of impacted soil.

- Area E in the vicinity of the large AST farm located on the southwestern side of the parcel (benzene, chlorobenzene and other VOCs); the approximate surface area of impact is 55,000 ft^2, and the average depth to saturated soil is 4 feet, which results in an approximate volume of 220,000 ft^3 (or 8,150 cubic yards) of impacted soil.

Samples TB-A33-0709 and TB-C11-0708 were identified as containing significant concentrations of chlorobenzene and other VOCs; however, these samples were collected at or below the water table and are likely influenced by the presence of these VOCs in the groundwater.

Acetone was found in certain subsurface soil samples above the Protection of Groundwater SCO. This substance is not believed to be related to Site activities since it is not present in Site groundwater at significant concentrations and is a common laboratory contaminant.

7.1.2 Site Groundwater

Figures 16 and 17 summarize the RI groundwater sample analytical results that exceeded the Class GA groundwater standards. The following paragraphs discuss the RI results by aquifer and area on the site.

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7.1.2.1 Shallow Aquifer

AREA A

As depicted on Figure 16, the shallow groundwater on the southern half of Area A contains reported concentrations of chlorobenzene and aniline at parts per million levels. Based on the concentrations identified in the groundwater sample collected from upgradient well ICM-101 and the results of the Area A MIP study, the plume exists along the upgradient (western) property boundary and it is possible that an offsite, upgradient source (such as contamination associated with former activities along the railroad tracks) may be contributing to the groundwater contamination. Lesser concentrations of other VOCs and SVOCs are also present in the shallow groundwater on the site. Under static conditions, the shallow groundwater at Area A discharges to the Buffalo River. Pumping at ICM extraction well EW-1 has occurred on a continuous basis since April 2007. Well EW-1 is located within the downgradient heart of the chlorobenzene plume, and, pumping at this location (as of the date of this report) has removed approximately 1.1 million gallons of groundwater. Based on average concentrations of chlorobenzene and other VOCs, pumping at this location has removed an estimated 275 gallons (300 pounds) of VOCs from the site. Currently, new piping is being installed to permit simultaneous continuous pumping from all five ICM extraction wells at Area A. Once full scale operation of the system is occurring, monitoring will commence as required under the ICM OM&M plan to verify that effective capture of the shallow groundwater at Area A is occurring, thus preventing migration of the impacted groundwater to the Buffalo River.

Based on the RI data, the floating separate-phase liquids encountered in ICM extraction well EW-5 and piezometers PZ-103 and PZ-110 appear to be isolated to those locations. As shown on Table 2, separate-phase liquids were not identified in other nearby Area A wells and piezometers during the RI groundwater sampling event. Furthermore, no evidence of significant distribution of free-phase hydrocarbons was identified during completion of the RI test borings.

Various metals and inorganics were also identified in the Shallow Aquifer on Area A at levels that exceeded the Class GA standards. Many of these substances are associated with glacial formations (such as iron, manganese, and sodium), have been identified across the entire Site, and are likely consistent with background levels within the Shallow Aquifer.

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AREA B

As shown on Figure 16, groundwater samples collected from the wells screened in the Shallow Aquifer at or near Area B contained concentrations of various metals and inorganics at levels consistent with those found in the Shallow Aquifer across the site. Trace concentrations of aniline and naphthalene were also found in several of the wells at low part per billion (ug/L) concentrations. Trace concentrations of VOCs, including chlorobenzene, tetrachloroethene (PCE), and trichloroethene (TCE), were identified in the groundwater sample collected from well RFI-27. This well is located on the southwestern corner of Area B. A trace concentration of benzene was identified in the sample collected from well RFI-28, which is located near the southeastern corner of Area B. Groundwater flow direction from these two locations, as depicted on Figure 16, is toward Area A.

AREA C

As shown on Figure 16, the RI groundwater sample collected from well RFI-20 contained a significant concentration of chlorobenzene (7.7 mg/L) and lesser concentrations of other VOCs at levels that exceeded the Class GA standards. The groundwater sample collected from well RFI-31, which is downgradient from RFI-20, contained lower concentrations of similar VOCs. The MIP survey did not identify any on-Site soil source. Because well RFI-20 is located on the upgradient (northwestern) corner of Area B, it is possible that an offsite source of contamination exists.

AREA E

As shown on Figure 16, the RI groundwater sampling and the MIP study have identified an area of shallow groundwater impacted by significant levels of chlorobenzene and other VOCs. The groundwater sample collected from well RFI-32, which is located immediately downgradient from the large AST farm on the southwestern corner of Area E, contained a chlorobenzene concentration of 33 mg/L. The MIP study and the analytical results for groundwater samples collected immediately downgradient of this location indicate that the impacted groundwater has not left the site and is not migrating along the adjacent BSA sewer main to any significant degree.

Similar to Areas A, C, and E, trace concentrations of other VOCs and PAHs and concentrations of metals and inorganics were found throughout the site at levels that exceeded the Class GA standards.

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Groundwater samples collected from shallow wells located downgradient and near the locations of the former wastewater lagoons on the southeastern corner of Area E did not contain VOCs above NY Class GA standards or otherwise show evidence of groundwater impact attributable to the former lagoons.

No measurable separate-phase liquids were found in well R-14 during the RI. Thus, no further evaluation of this specific well is proposed beyond any routine groundwater monitoring as part of the ICM OM & M program.

7.1.2.2 Confined Aquifer

As shown on Figure 17, no VOCs were reported in any Confined Aquifer groundwater samples above the Class GA standards. This includes the samples collected from wells RFI-21D and RFI-16, which are located at or downgradient of locations where significant levels of chlorobenzene and other VOCs were identified in the shallow groundwater. This supports the findings of the prior RFI study and indicates that the glaciolacustrine clay unit found throughout the site is an effective aquitard. Only very low (part per billion) levels of aniline, nitrobenzene and naphthalene were reported in several of the Confined Aquifer samples above the Class GA standards. Concentrations of iron, sodium, and magnesium were also reported in one or more Confined Aquifer groundwater samples at levels that exceeded the Class GA standards.

7.1.3 Indoor Air – 100 Lee Street Office Building

As shown on Table 8, none of the NYSDOH-listed substances were detected in the subslab vapor samples collected from the Area B office building. In addition, none of these substances were identified in the RI soil and groundwater samples collected nearest to the office building.

7.1.4 Site Sewers and Outfalls

Table 9 summarizes the detected constituents identified in the seven sewer solids samples collected during the RI. Table 10 summarizes the detected constituents identified in the effluent samples collected from Outfall 006 and Outfall 011.

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As shown on Table 9, various substances were identified in the solids samples collected from the Site process sewers (which discharge to the BSA system) and storm sewers (which discharge to the Buffalo River via Outfalls 006 and 011). Detected substances included various metals, VOCs and SVOCs. As expected, concentrations were lower in the solids samples collected from storm sewers (SED-A01 and SED-B01) than concentrations of substances reported in samples collected from the process sewer lines (SED-A02, SED-C01, SED-C03, SED-E01, and SED-E02). Because the samples were collected from solids present in sewer lines, there are no relevant cleanup standards or criteria to which the analytical results can be compared.

As shown on Table 10, various substances were identified in the effluent samples collected from Outfalls 006 and 011. These substances included chlorobenzene and dichlorobenzenes, aniline, and other VOCs/SVOCs. In general, higher concentrations of VOCs and SVOCs were identified in the Outfall 006 sample as compared to the Outfall 011 sample.

7.2 CONCEPTUAL SITE MODEL

Using the data obtained during the RI, MACTEC has developed a Conceptual Site Model (CSM), presented as Figure 19. As shown by the CSM, the following complete or potentially complete exposure pathways exist for the site contaminants:

- SOIL: direct-contact exposure (via dermal contact or ingestion) to contaminated soils; potential receptors include constructions workers, site workers, trespassers, and terrestrial biota.

- AIR: Inhalation of particulate or vapors due to volatilization or dispersion of contaminants; potential receptors include construction workers, site workers, trespassers, and terrestrial biota.

- GROUNDWATER: Direct-contact exposure to contaminated groundwater via inhalation of vapors or dermal contact; potential receptors include construction workers (inhalation and dermal contact) and site workers, trespassers and terrestrial biota (inhalation only).

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- SURFACE WATER: Impact to surface water is a potentially complete exposure pathway at Area A, where chlorobenzene-impacted groundwater may discharge to the Buffalo River under static (non-pumping) conditions.

The above exposure pathways must be addressed during evaluation and selection of the final remedy, which will be presented in the Feasibility Study provided separately.

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8.0 CONCLUSIONS AND RECOMMENDATIONS

The data obtained during completion of the RI, combined with data from the previous RFI and other investigations, has been used to develop the following conclusions and recommendations regarding the former Buffalo Color Areas ABCE Site:

- FUTURE LAND USE SCENARIOS AND REMEDY SELECTION: Based on the soil and groundwater impacts identified at the Site, and given the Site's history of more than 100 years of chemical dye plant operations, the most likely and reasonable future land use scenario would involve some combination of industrial and commercial uses which would utilize environmental easements and/or deed restrictions.

- SOIL (SOURCES OF GROUNDWATER CONTAMINATION): Two likely sources of soil to groundwater contamination have been identified: 1) approximately 2,100 cubic yards of SVOC-impacted soils located in the central part of Area A in the vicinity of RI boring TB-A15 and 2) approximately 8,150 cubic yards of VOC-impacted soil in the vicinity of the large AST farm on the southwestern side of Area E. These areas must be addressed during the FS.

- SOIL (DIRECT CONTACT PATHWAY): As discussed in Sections 6.0 and 7.0, metals (primarily arsenic and to a lesser extent mercury) and PAHs were found across the site in both surface and subsurface soil at levels that exceed the Industrial SCOs. For the direct contact pathway, surface soil samples are considered the most relevant data points. The background study completed by MACTEC suggests that the majority of the RI soil samples contained arsenic and PAHs at levels that are within the calculated background standards. The data also suggests that the locations with levels of arsenic and PAHs within background levels are not sources of groundwater contamination. The majority of the site (roughly 60%) is currently covered by pavement or buildings (which have concrete floor slabs), as shown on Figure 2. Remedial options to be evaluated during the FS to address the soil direct contact pathways will include utilizing the presence of existing pavement and buildings and identifying unpaved areas that require remedial action. In addition, the erosion control mat installed on the Area A riverbank as part of the ICM is an effective barrier against direct contact. Options to address unpaved or

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exposed areas where surface soil concentrations exceed the Industrial SCOs include use of NYSDEC presumptive remedies such as removal, capping with one foot of clean soil, or placement of new paving. Consideration will also be given to ways in which future redevelopment activities would serve remedial purposes. Using the background standards for arsenic and PAHs as cleanup objectives as shown on Figure 20, approximately 4 acres of presently exposed soil would exceed the cleanup objectives and require further consideration. Management of soils at depth, which may be encountered during future construction or property redevelopment activities, will be accomplished via use of soil management approaches specified in environmental easements and/or deed restrictions.

- SHALLOW GROUNDWATER: Groundwater is not used or planned for use at the Site or in the vicinity of the Site for drinking purposes. Thus, there is no current human exposure pathway associated with the presence of metals and inorganics in the shallow groundwater at levels that exceed the Class GA standards (which are based on a potable use scenario). Potential impact to the Buffalo River and ecological receptors via discharge of contaminated shallow groundwater appears to be limited to Area A, which is the only portion of the Site that abuts the river. The FS will focus on identification of remedies for the shallow groundwater impacted by chlorobenzene and other organic contaminants at the following locations:

    - On the southern portion of Area A, where the shallow groundwater contains chorobenzene, aniline and other organic Site-related constituents at levels that exceed one part per million and which, under static conditions, extends to and flows into the Buffalo River;

    - On the northwestern corner of Area C (at well RFI-20 and extending downgradient toward well RFI-31), where levels of chlorobenzene above one part per million have been identified and do not extend to the downgradient property boundary; and

    - On the southwestern portion of Area E in a limited area around the large AST farm and well RFI-32, where part per million levels of chlorobenzene and significant levels of other organic compounds have been identified in groundwater and impacted soil has also been identified as described above.

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- DEEP GROUNDWATER (CONFINED AQUIFER): As noted in Sections 6.0 and 7.0, only metals/inorganics and part per billion levels of SVOCs were identified sporadically in the groundwater samples collected from the wells screened within the Confined Aquifer. Chlorobenzene, which in its pure state is heavier than water, was not identified in any of the confined aquifer groundwater samples at levels that exceeded the Class GA standards, indicating that the glacial clay unit is an effective aquitard. As with the Shallow Aquifer, groundwater within the Confined Aquifer is not used for potable purposes, and no such use is known or planned for the Site or properties in the vicinity. It is expected that the discharge point for the Confined Aquifer is likely downgradient along the Buffalo River valley to Lake Erie based on surface water elevations and the southwesterly flow direction of the Confined Aquifer, which mimics the flow direction of the Buffalo River drainage basin. Based on the types and levels of contaminants identified within the Confined Aquifer groundwater samples collected from the Site, there is no potential for adverse impact to the Buffalo River or Lake Erie. Thus, it is concluded that there is no need for further study or active remediation of the Confined Aquifer.

- SITE SEWERS AND STORMWATER OUTFALLS: The existing Site process sewers are connected to the nearby BSA sewer lines. Issues pertaining to residual contaminants present in solids in the facility process sewers (including sediments or sludges) are considered infrastructure issues that would be addressed during future redevelopment of the property. The RI sampling data, along with the fact that sewer invert elevations along Outfalls 006 and 011 are below the water table, suggest that shallow groundwater may infiltrate portions of facility storm sewers and discharge to the Buffalo River via the outfalls, especially at Outfall 006. However, the mass of contaminants discharged to the river via groundwater infiltration is negligible given the concentrations identified in the effluent and estimated typical groundwater flow rate of 20,000 to 40,000 gallons per day per outfall. The potential infiltration of groundwater to the facility storm sewers is an infrastructure issue.

- INDOOR AIR: As noted in Sections 6.4 and 7.1.3, the RI data indicates that there is no indoor air concern associated with the 100 Lee Street office building. However, the indoor air pathway must be addressed or eliminated during construction of any future

occupied structures in or near the areas with VOC-impacted soil or groundwater on Areas A, C and E. This requirement may be addressed via implementation of environmental easements and/or deed restrictions.

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- FORMER AREA E WASTEWATER LAGOONS: As noted in Section 7.1.2.1, groundwater samples collected from shallow wells located downgradient and near the locations of the three former wastewater lagoons on the southeastern corner of Area E did not contain VOCs above NY Class GA standards or otherwise show evidence of impact related to the former lagoons. Thus, it is concluded that additional remedial measures are not necessary for the former lagoons. As discussed in Section 2.1, the lagoons were drained, dredged and capped between 1984 and 1988 in accordance with closure plans approved by the NYSDEC. Future groundwater monitoring events, as conducted under the ICM OM&M program, will include monitoring and sampling of wells in the vicinity of the former lagoons. Any requirements for maintenance, monitoring and future use limitations for the lagoon areas may be addressed via environmental easements and/or deed restrictions.

9.0 REFERENCES

The following is a list of significant references used in preparation of this report. Other documents, including project correspondence documents and records maintained in Buffalo Color Corporation files, were used to supplement the information obtained from the references listed below.

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1. Buffalo Color Corp., June 30, 1977, closing documents, "Acquisition of Dye Plant from Allied Chemical Corp."

2. Buffalo Color Corp., not dated, tabular listing of dye plant storage tanks and historical releases and spills.

3. Buffalo Color Corp. not dated, computer spreadsheet printout showing dye plant historical chemical usage by chemical name and date.

4. Buffalo Color Corp. vs Allied Signal, Inc. Case Number 97-CV-478C, Item 15, Affidavit of David Sauer, including exhibits.

5. Conestoga-Rovers & Associates, November 26, 2002, "New York State Inactive Site Registry Listing Evaluation, Buffalo Color Corp. Plan Site".

6. Golder Associates, April 1995, "Report on RCRA Facility Investigation Task 1, Description of Current Conditions, Buffalo Color Corporation, Buffalo, New York".

7. Golder Associates, November 1997, "Final Report on RCRA Facility Investigation, Buffalo Color Corporation, Buffalo, New York".

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9. Golder Associates, January 2000, "Report on Corrective Measures Study, Buffalo Color Corporation, Buffalo, New York".

10. MACTEC Engineering and Consulting, Inc., March 2006, "Final Operations, Maintenance & Monitoring Plan, Interim Corrective Measure, Buffalo Color Area ABCE, Buffalo, New York".

11. New York State Department of Environmental Conservation, February 9, 1988, letter to Joseph Sciascia (NYSDEC) from T. J. Wlodarczak (Buffalo Color), with attachments.

12. New York State Department of Environmental Conservation, May 15, 1991, letter to G. Bolles (Buffalo Color Corp.) from Paul Counterman (NYSDEC Bureau of Hazardous Waste and Facility Management, regarding Preliminary Draft Part 373 Permit.

13. New York State Department of Environmental Conservation, 1988, questionnaires completed by former employees of the Allied Chemical Buffalo Dye Plant.

14. New York State Department of Environmental Conservation, December 25, 2002, "Draft DER-10 Technical Guidance for Site Investigation and Remediation".

15. New York State Department of Environmental Conservation, Division of Solid & Hazardous Materials, November 7, 2001, "Draft Statement of Basis for Buffalo Color Corporation".

16. New York State Department of Health, Center for Environmental Health, Bureau of Environmental Exposure Investigation, February 2005, "Guidance for Evaluating Soil Vapor Intrusion in the State of New York, Public Comment Draft".

17. O'Brien & Gere, 2000, "Certification Report, Buffalo Color Area D", Section 2.17.1.

18. Order on Consent, New York Department of Environmental Conservation, File No. 02-04, Index No. B9-0512-0105, effective date March 25, 2005.

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Buffalo Color Corporation Area ABCE Site
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Table 1
Summary of Soil Borings / Test Pits
Buffalo Color Facility - RI/FS

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AREA/AOC	BORING/TEST PIT ID	RATIONALE
Area A		
Former Fuel Oil USTs	TP-A1, TP-A2, TB-A32	Former UST location
Former Alcohol USTs	TP-A3, TP-A4, TB-A33	Former UST location
Former Chemical ASTs	TB-A1 through TB-A4	Former chemical AST locations on southern side of Area A
Former Aniline Plant Location	TB-A5 through TB-A8	Location of former aniline plant
Former Crude Stock/Drum Storage Area	TB-A9, TB-A10, TB-A11	Former chemical/drum storage area on northwestern corner of Area A
Former benzene tank location/current storage tank area	TB-A12 through TB-A15	Former benzene tank location/current storage tank area on north side of Area A
Transformer area	TB-A16, TB-A17	Potential PCB transformer areas
Building interiors	TB-A18 through TB-A21	Borings located inside buildings where processes/chemical handling occurred
Former tar stills/tanks; SPL area	TB-A21 through TB-A23, TB-A29, TB-A30	Former tar stills and chemical storage tank area on northeastern side of Area A; evaluate extent of SPL on eastern side of Area A
Outside areas	TB-A24 through TB-A30	Spatial coverage across Area A
Former mercury spill area	TB-A31	To investigate area where former mercury spill from sewer line was discovered in 1997 during Area D piping work
Area B		
Former drum storage yard	TB-B1, TB-B2, TB-B14	Former drum storage yard on northwestern corner of Area B
RFI-19D area	TB-B3, TB-B4	To investigate elevated aniline level found at location of RFI-19D
Area B outside areas	TB-B5 through TB-B13	Spatial coverage across Area B
Area C		
Fuel oil ASTs	TB-C1, TB-C2	Adjacent to fuel oil ASTs located on western side of Area C
Former naphthalene storage tank area	TB-C3	Former naphthalene storage tank location
Area C outside areas	TB-C4 through TB-C12	Spatial coverage across Area C
Former coal pile area	TB-C13	To investigate former coal storage area
Area E		
Electrical substations/transformers	TB-E1, TB-E2	Potential PCB transformer areas
Building interiors	TB-E3, TB-E4, TB-E5	Borings located inside buildings where processes/chemical handling occurred
AST farms	TB-E6 through TBE-14	Chemical AST farms and individual ASTs
Former drum storage area	TB-E15, TB-E16, TB-E30, TB-E31	Former drum storage area located east of Bldg. 320
Former oil storage facility	TB-E17, TB-E18	Former Tidewater Oil facility located on southeastern side of Area E
Area E outside areas	TB-E19 through TBE-25, TB-E28	Spatial coverage across Area E
Former drum storage area	TB-E29	Former drum storage area located on southern side of property
Former lagoons	TB-E26, TB-E27, TB-E32	To investigate areas surrounding former RCRA-closed Lagoons 1, 2, and 3

Table 2
Monitoring Well and Piezometer Data
Buffalo Color Facility - RI/FS

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Location	Area	Aquifer	Date Installed	Total Depth	Top of Screen	Bottom of Screen	Top of Bedrock	Latitude	Longitude	Northing	Easting	Measuring Point Elevation	D.T.W. 1-15-2007	Groundwater Elevation 1-15-2007	COMMENTS
EW-1	A	Shallow	Jun-06	32	28.0	32.0	NA	42.861982	78.845380	1042883.93	1078036.05	582.49	10.64	571.85	
EW-2	A	Shallow	Jun-06	34	29.0	34.0	NA	42.862271	78.844976	1042989.17	1078144.74	582.64	10.65	571.99	
EW-3	A	Shallow	Jun-06	38	32.0	38.0	NA	42.862576	78.844510	1043099.72	1078269.86	583.84	11.89	571.95	
EW-4	A	Shallow	Jun-06	38	33.0	38.0	NA	42.863037	78.844059	1043267.43	1078391.48	583.28	10.76	572.52	
EW-5	A	Shallow	Jun-06	37	32.0	37.0	NA	42.863420	78.843602	1043406.57	1078514.18	585.50	12.77	572.73	SHEEN
ICM-101	A	Shallow	Jun-06	20	10.0	20.0	NA	42.863430	78.845782	1043411.92	1077929.88	586.37	12.44	573.93	
ICM-102	A	Shallow	Jul-06	24	14.0	24.0	NA	42.862106	78.845129	1042929.15	1078103.36	583.24	11.08	572.16	
ICM-103	A	Shallow	Jun-06	22	12.0	22.0	NA	42.862396	78.844648	1043034.40	1078232.85	586.88	12.69	574.19	
ICM-104	A	Shallow	May-06	22.5	12.5	22.5	NA	42.862657	78.844178	1043129.18	1078359.08	586.84	14.07	572.77	
ICM-105	A	Shallow	Jun-06	22	12.0	22.0	NA	42.863078	78.843504	1043282.00	1078540.13	586.84	15.26	571.58	
ICM-PZ-02N	E	Shallow	Jun-06	17	7.0	17.0	NA	42.865033	78.839265	1043990.81	1079678.96	586.26	4.89	581.37	
ICM-PZ-02S	E	Shallow	May-06	22	12.0	22.0	NA	42.864980	78.838994	1043971.38	1079751.34	586.03	9.96	576.07	
ICM-PZ-03N	E	Shallow	Jun-06	17	7.0	17.0	NA	42.864902	78.839030	1043942.99	1079741.68	586.35	9.05	577.30	
ICM-PZ-03S	E	Shallow	Jun-06	22	12.0	22.0	NA	42.864947	78.838810	1043959.26	1079800.62	586.24	10.33	575.91	
ICM-PZ-04S	E	Shallow	Jun-06	22	12.0	22.0	NA	42.864863	78.838833	1043928.61	1079794.54	586.24	10.33	575.91	
PD-01	E	Deep	Apr-88	30	-	-	NA	42.864815	78.838578	1043910.94	1079862.85	586.58	7.22	579.36	
PD-02	E	Deep	Apr-88	28.5	-	-	NA	42.864823	78.838356	1043913.57	1079922.21	587.60	9.64	577.96	
PD-03	E	Deep	Apr-88	27	-	-	NA	42.864899	78.838684	1043941.62	1079834.37	587.07	12.58	574.49	
PS-01	E	Shallow	Apr-88	14.7	-	-	NA	42.864877	78.838690	1043933.62	1079832.81	587.27	8.19	579.08	
PS-02	E	Shallow	Apr-88	13.7	-	-	NA	42.864935	78.838855	1043954.78	1079788.66	587.41	12.01	575.40	
PS-03	E	Shallow	Apr-88	13.3	-	-	NA	42.864911	78.838883	1043946.27	1079781.13	587.26	9.96	577.30	
PS-04	C	Shallow	Nov-89	7	-	-	NA	42.866752	78.842075	1044619.61	1078927.30	587.70	4.05	583.65	
PS-05	C	Shallow	Nov-89	8	-	-	NA	42.867593	78.843094	1044927.09	1078655.23	587.35	2.29	585.06	
PS-06	C	Shallow	Nov-89	8	-	-	NA	42.866572	78.843425	1044555.18	1078565.30	587.67	4.01	583.66	
PS-07	B	Shallow	Nov-89	7.7	-	-	NA	42.865608	78.843882	1044204.08	1078441.71	586.96	-	NO DTW	
PS-08	B	Shallow	Nov-89	8	-	-	NA	42.865309	78.842819	1044094.54	1078726.34	587.76	4.74	583.02	
PS-09	B	Shallow	Nov-89	8	-	-	NA	42.864653	78.844366	1043856.68	1078310.93	587.82	2.63	585.19	
PS-10	E	Shallow	Nov-89	6	-	-	NA	42.866787	78.838128	1044629.28	1079985.46	585.05	2.52	582.53	
PS-11	E	Shallow	Nov-89	8	-	-	NA	42.866811	78.840678	1044639.98	1079302.13	585.66	2.7	582.96	
PS-12	E	Shallow	Nov-89	6	-	-	NA	42.865907	78.840558	1044310.34	1079333.12	586.12	-	NO DTW	
PS-13	E	Shallow	Nov-89	8	-	-	NA	42.865420	78.840767	1044133.34	1079276.51	585.88	-	NO DTW	DESTROYED
PS-14	A	Shallow	Nov-89	10	-	-	NA	42.863385	78.845265	1043395.34	1078068.51	585.49	5.38	580.11	
PS-15	A	Shallow	Nov-89	12	-	-	NA	42.863378	78.843909	1043391.49	1078432.00	587.25	7.83	579.42	
PZ-101	A	Shallow	Jun-06	22	12.0	22.0	NA	42.862001	78.845484	1042891.09	1078008.16	585.51	14.51	571.00	
PZ-102	A	Shallow	May-06	30	20.0	30.0	NA	42.861972	78.845357	1042880.44	1078042.29	584.09	12.2	571.89	
PZ-103	A	Shallow	May-06	22	12.0	22.0	NA	42.862097	78.845300	1042925.90	1078057.55	583.46	11.52	571.94	
PZ-104	A	Shallow	May-06	21	11.0	21.0	NA	42.862199	78.845074	1042962.86	1078118.35	583.48	11.04	572.44	
PZ-105	A	Shallow	May-06	32	22.0	32.0	NA	42.862280	78.844952	1042992.24	1078150.98	583.38	11.41	571.97	
PZ-106	A	Shallow	May-06	21	11.0	21.0	NA	42.862335	78.844844	1043012.27	1078180.21	583.40	11.33	572.07	
PZ-107	A	Shallow	May-06	23	13.0	23.0	NA	42.862507	78.844623	1043074.82	1078239.44	583.94	11.9	572.04	
PZ-108	A	Shallow	May-06	38	28.0	38.0	NA	42.862591	78.844486	1043105.34	1078276.41	583.91	12.05	571.86	
PZ-109	A	Shallow	May-06	22	12.0	22.0	NA	42.862671	78.844472	1043134.23	1078280.23	583.99	8.49	575.50	
PZ-110	A	Shallow	May-06	22	12.0	22.0	NA	42.862925	78.844120	1043226.58	1078374.80	584.74	11.64	573.10	
PZ-111	A	Shallow	May-06	36	26.0	36.0	NA	42.863053	78.844042	1043273.15	1078395.86	584.31	11.74	572.57	
PZ-112	A	Shallow	May-06	22	12.0	22.0	NA	42.863067	78.843922	1043278.30	1078428.10	584.41	10.94	573.47	
PZ-113	A	Shallow	May-06	20	10.0	20.0	NA	42.863358	78.843704	1043384.12	1078486.79	585.13	8.92	576.21	
PZ-114	A	Shallow	May-06	36	26.0	36.0	NA	42.863398	78.843614	1043398.61	1078510.98	585.89	14.1	571.79	

Created by: WS
Checked by: JMS

Table 2
Monitoring Well and Piezometer Data
Buffalo Color Facility - RI/FS

DRAFT

Location	Area	Aquifer	Date Installed	Total Depth	Top of Screen	Bottom of Screen	Top of Bedrock	Latitude	Longitude	Northing	Easting	Measuring Point Elevation	D.T.W. 1-15-2007	Groundwater Elevation 1-15-2007	COMMENTS
PZ-115	A	Shallow	May-06	22	12.0	22.0	NA	42.863503	78.843622	1043437.00	1078509.18	585.50	-	NO DTW	
PZ-116	A	Shallow	May-06	22	12.0	22.0	NA	42.862254	78.844934	1042982.90	1078155.84	583.54	10.98	572.56	
PZ-117	A	Shallow	May-06	22	12.0	22.0	NA	42.862534	78.844452	1043084.59	1078285.48	586.25	14.69	571.56	
PZ-118	A	Shallow	May-06	22	12.0	22.0	NA	42.862925	78.843883	1043226.42	1078438.42	587.50	15.29	572.21	
R-01	E	Deep	May-84	46	-	-	NA	42.866838	78.837871	1044647.66	1080054.54	584.59	8.59	576.00	
R-02	E	Deep	May-84	51.4	-	-	NA	42.865098	78.839808	1044015.09	1079533.42	585.85	8.86	576.99	
R-03	E	Deep	Jun-84	50.5	-	-	NA	42.865017	78.838925	1043984.65	1079770.05	586.93	3.91	583.02	
R-04	E	Deep	May-84	52	-	-	NA	42.864895	78.838195	1043939.90	1079965.46	586.70	11.37	575.33	
R-05	E	Deep	Jun-84	48.1	-	-	NA	42.865691	78.837948	1044229.47	1080032.51	587.05	11.61	575.44	
R-06	E	Deep	Jun-84	50	-	-	NA	42.865296	78.838079	1044085.64	1079996.98	586.24	10.47	575.77	
R-07	E	Deep	Jun-84	49.5	-	-	NA	42.865602	78.839255	1044198.16	1079682.17	587.97	10.21	577.76	
R-08	E	Shallow	Oct-85	24	-	-	NA	42.864989	78.838736	1043974.60	1079820.69	589.46	5.54	583.92	
R-09	E	Shallow	Oct-85	18	-	-	NA	42.864931	78.838446	1043953.13	1079898.37	588.88	11.73	577.15	
R-10	E	Shallow	Oct-85	18	-	-	NA	42.865716	78.839328	1044239.77	1079662.80	588.75	4.96	583.79	
R-11	E	Shallow	Nov-88	17.3	-	-	NA	42.865006	78.839342	1043980.98	1079658.28	586.31	3.9	582.41	
R-12	E	Deep	Oct-85	50	-	-	NA	42.865012	78.839370	1043983.42	1079650.72	586.33	10.85	575.48	
R-13	E	Shallow	Feb-86	16	-	-	NA	42.865025	78.838937	1043987.63	1079766.64	587.03	10.94	576.09	SHEEN
R-14	E	Shallow	Apr-88	16	-	-	NA	42.864984	78.838705	1043972.61	1079828.79	588.89	13.39	575.50	SHEEN
R-15	E	Shallow	Apr-88	13	-	-	NA	42.865698	78.839293	1044233.40	1079672.02	588.36	4.69	583.67	
RFI-16	A	Deep	May-96	64.5	60.0	64.5	64.5	42.862393	78.846370	1043034.80	1077771.15	585.83	13.2	572.63	
RFI-17	E	Shallow	May-96	12	6.8	11.8	NA	42.866842	78.837904	1044649.12	1080045.58	585.73	4.89	580.84	
RFI-18	B	Shallow	May-96	14	8.5	13.5	NA	42.865505	78.842606	1044165.57	1078783.59	588.13	7.7	580.43	
RFI-19D	B	Deep	May-96	45.4	40.4	45.4	45.2	42.865518	78.842594	1044170.29	1078786.78	588.27	14.55	573.72	
RFI-20	C	Shallow	Apr-96	12.3	5.9	11.9	NA	42.867800	78.842987	1045002.22	1078684.07	587.52	4.95	582.57	
RFI-21D	C	Deep	Apr-96	40.8	35.5	40.4	40.8	42.867783	78.842997	1044996.22	1078681.36	587.83	14.92	572.91	
RFI-22	A	Shallow	May-96	35	24.8	34.8	NA	42.863240	78.843306	1043340.64	1078593.58	590.11	17.9	572.21	
RFI-23D	A	Deep	May-96	62.5	56.5	61.9	61.9	42.863254	78.843293	1043345.73	1078596.89	590.37	18.09	572.28	
RFI-24	A	Shallow	May-96	32	21.5	31.5	NA	42.862722	78.844322	1043152.92	1078320.59	583.60	11.47	572.13	
RFI-25	A	Shallow	Apr-96	30	19.5	29.5	NA	42.861941	78.845322	1042868.87	1078051.61	586.25	14.46	571.79	
RFI-26	A	Shallow	May-96	36	25.5	35.5	NA	42.862957	78.845387	1043239.49	1078035.28	587.33	14.7	572.63	
RFI-27	B	Shallow	Apr-96	18	12.1	17.5	NA	42.864613	78.844979	1043842.66	1078146.41	587.01	4.65	582.36	
RFI-28	B	Shallow	May-96	16	9.9	14.9	NA	42.864413	78.843794	1043768.66	1078463.84	588.09	5.51	582.58	
RFI-29	E	Shallow	May-96	14	7.5	12.5	NA	42.865716	78.842060	1044241.94	1078930.41	585.82	3.14	582.68	
RFI-30	C	Shallow	Apr-96	15.1	10.0	15.0	NA	42.866108	78.843721	1044386.23	1078485.37	587.53	7.11	580.42	
RFI-31	C	Shallow	May-96	14	8.5	13.5	NA	42.866821	78.842461	1044645.08	1078824.06	587.86	7.2	580.66	
RFI-32	E	Shallow	May-96	13	7.5	12.5	NA	42.865397	78.840947	1044125.07	1079228.36	586.44	4.44	582.00	
RFI-33	E	Shallow	Apr-96	12	5.0	10.0	NA	42.867250	78.839975	1044799.54	1079490.82	582.53	0.5	582.03	
RFI-34	PVS	Shallow	May-97	30	12.5	27.5	NA	42.863838	78.843562	1043558.96	1078525.47	585.66	-	NO DTW	
RFI-35	PVS	Shallow	Jun-97	18	10.0	15.0	NA	42.864913	78.842873	1043950.26	1078711.46	584.26	-	NO DTW	
RFI-36	E	Shallow	Jun-97	16	8.0	13.0	NA	42.865173	78.840950	1044043.14	1079227.30	587.39	4.41	582.98	
RFI-37	PVS	Shallow	Jun-97	22	11.0	21.0	NA	42.864681	78.842174	1043865.00	1078898.62	583.33	-	NO DTW	
RFI-38	PVS	Shallow	May-97	30	12.0	27.0	NA	42.863595	78.842679	1043469.61	1078762.05	582.25	-	NO DTW	
RFI-39	PVS	Shallow	May-97	26	13.1	23.1	NA	42.864340	78.840826	1043739.74	1079259.51	584.78	-	NO DTW	
RFI-40	PVS	Shallow	May-97	30	14.5	29.5	NA	42.863902	78.839022	1043578.56	1079742.78	585.27	-	NO DTW	
RFI-41	PVS	Shallow	May-97	28	15.5	25.5	NA	42.864092	78.838121	1043647.08	1079984.59	584.89	-	NO DTW	
RFI-42	E	Shallow	Jun-97	12	6.0	11.0	NA	42.866331	78.837626	1044462.66	1080119.53	582.38	-	NO DTW	COULD NOT FIND
RFI-43	E	Shallow	Jun-97	14	8.0	13.0	NA	42.865152	78.837578	1044032.74	1080131.18	586.50	4.42	582.08	
RFI-44	PVS	Shallow	Jul-98	38	16.0	36.0	NA	42.863460	78.842997	1043420.58	1078676.60	582.76	-	NO DTW	
RFI-45	PVS	Shallow	Jul-98	34	18.0	33.0	NA	42.864187	78.843345	1043685.82	1078584.04	582.67	-	NO DTW	
RFI-46	PVS	Shallow	Jul-98	34	16.0	32.0	NA	42.863824	78.842307	1043552.90	1078861.97	582.21	-	NO DTW	

Shallow
- Till
- alluvium
- fill
- Upper Till

Created by: WS
Checked by: JMS

Table 2
Monitoring Well and Piezometer Data
Buffalo Color Facility - RI/FS

Location	Area	Aquifer	Date Installed	Total Depth	Top of Screen	Bottom of Screen	Top of Bedrock	Latitude	Longitude	Northing	Easting	Measuring Point Elevation	D.T.W. 1-15-2007	Groundwater Elevation 1-15-2007	COMMENTS
RFI-47	PVS	Shallow	Jul-98	30	13.5	28.5	NA	42.864181	78.842510	1043683.02	1078808.01	582.37	-	NO DTW	
RFI-48	PVS	Shallow	Jul-98	28	12.0	27.0	NA	42.864244	78.839645	1043703.66	1079576.02	582.49	-	NO DTW	
RFI-49	PVS	Shallow	Jul-98	26	14.0	24.0	NA	42.864381	78.839187	1043753.36	1079699.10	585.66	-	NO DTW	
RFI-50	PVS	Shallow	Jul-98	26	16.0	26.0	NA	42.864065	78.838583	1043637.70	1079860.73	581.31	-	NO DTW	
RFI-51	E	Shallow	Jul-98	14	8.0	13.0	NA	42.865009	78.840036	1043982.87	1079472.12	586.90	3.15	583.75	
RFI-PZ-16	E	-	-	-	-	-	-	42.864992	78.839393	1043976.04	1079644.49	586.71	2.56	584.15	
RFI-PZ-17	E	-	-	-	-	-	-	42.864743	78.838010	1043884.18	1080014.99	585.97	10.22	575.75	
RFI-PZ-18	E	-	-	-	-	-	-	42.864932	78.839021	1043953.90	1079744.22	587.32	6.76	580.56	
RFI-PZ-19	PVS	-	-	-	-	-	-	42.864640	78.838785	1043847.43	1079807.02	585.79	-	NO DTW	
RFI-PZ-20	PVS	-	-	-	-	-	-	42.864617	78.838442	1043838.55	1079899.05	585.63	-	NO DTW	
RFI-PZ-21	E	-	-	-	-	-	-	42.864836	78.838564	1043918.62	1079866.46	586.5	-	NO DTW	COULD NOT FIND
RFI-PZ-22	E	-	-	-	-	-	-	42.865002	78.839593	1043979.74	1079590.91	586.85	-	NO DTW	
RFI-PZ-23	E	-	-	-	-	-	-	42.865225	78.840670	1044061.90	1079302.48	586.78	-	NO DTW	
RFI-PZ-24	E	-	-	-	-	-	-	42.865418	78.841671	1044133.06	1079034.12	584.34	-	NO DTW	
RFI-PZ-25	C	-	-	-	-	-	-	42.865690	78.842417	1044232.95	1078834.56	583.35	-	NO DTW	FULL OF SEDIMENT
RFI-PZ-26	C	-	-	-	-	-	-	42.866063	78.843470	1044369.59	1078552.59	584.73	-	NO DTW	COULD NOT FIND
RFI-PZ-27	PVS	-	-	-	-	-	-	42.864793	78.839347	1043903.60	1079656.71	584.78	-	NO DTW	
RIV. STILLING W	-	-	-	-	-	-	-	42.863183	78.843094	1043319.79	1078650.11	583.53	-	NO DTW	
W6-R-R	A	Shallow	-	18	-	-	NA	42.862393	78.846402	1043034.79	1077762.37	588.53	16.01	572.52	

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Checked by: JMS

Table 3
Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

									Area Location	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
		NY SOIL CLEANUP OBJECTIVES							Sample Date	TB-A01 01/03/07	TB-A01 01/03/07	TB-A02 01/03/07	TB-A02 01/12/07	TB-A03 01/03/07	TB-A03 01/12/07	TB-A04 01/04/07	TB-A04 01/04/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Sample ID / Unrestricted	TB-A01-0506	TB-A01-SURFACE	TB-A02-SURFACE	TB-A02-0204	TB-A03-SURFACE	TB-A03-0204	TB-A04-0506	TB-A04-SURFACE
METAL																	
CYANIDE	MG/KG			10,000	27	27	27	40	27	0.9 UJ	0.94 UJ	1 UJ	1.3 U	0.81 UJ	0.97 U	1.2 UJ	1.2 UJ
ALUMINUM	MG/KG									13200 J	6470 J	9380 J	1940 J	5620 J	4520 J	13500 J	11600 J
ANTIMONY	MG/KG									18.1 UJ	17.2 J	17 UJ	67.8 J	16.4 UJ	18.1 UJ	20.1 U	19.4 U
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	4.9	14.3	5.8	162	37.5	28.7	22 J	66.9 J
BARIUM	MG/KG	433		10,000	350	400	400	820	350	80.3	55.9	69.1	93.2 R	80.6	35.9 R	216 J	872 J
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.61	0.56	0.81	0.43	0.56	0.83	2.1	0.71
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.38	1.4	0.35	1.5	2	0.24 U	0.48	10
CALCIUM	MG/KG									32400	102000	74300	3800	35300	10800	43200	26000
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	18.3 J	202 J	25 J	344 J	115 J	51.9 J	8.1 J	181 J
COBALT	MG/KG									9.2	5.6	5	11.1	7.6	7.3	1.9	10.1
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	23.2	127	42.6	371 R	579	98.7 R	30.8 J	569 J
IRON	MG/KG									22900	33200	15700	187000	42800	70300	19200	87000
LEAD	MG/KG	63		3,900	400	400	1000	450	63	29.4 J	329 J	37.9 J	600	342 J	106	29 J	3030 J
MAGNESIUM	MG/KG									13500	27800	10800	493 J	6360	1180 J	12200	5840
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	395	1130	1270	524	427	257	1080	1960
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	0.316 J	3.9 J	0.474 J	1.6	3.6 J	0.98	1.5 J	0.75 J
NICKEL	MG/KG	30		10,000	140	310	310	130	30	21.9	31.9	18.1	101 J	32	29 J	4 J	33.6 J
POTASSIUM	MG/KG									2850	883	1150	747	766	214	932	2730
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	4.8 U	4.3 U	4.5 U	5.2 U	4.4 U	4.8 U	5.4 U	5.2 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.6 U	0.54 U	0.57 U	0.64 U	0.55 U	0.6 U	0.67 U	0.71
SODIUM	MG/KG									206	173	195	1880	176	182	412	2460
THALLIUM	MG/KG									7.2 U	6.5 U	6.8 U	7.7 U	6.6 U	7.3 U	8.1 U	7.8 U
VANADIUM	MG/KG									25.9	26.2	18.3	34.5 J	20.1	25.8 J	8.9 J	42.1 J
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	94.4 J	424 J	72.4 J	291 R	675 J	386 R	124	6450
SVOCs																	
1-METHYL-2,4-DINITROBENZENE	MG/KG									0.4 U	3.8 U	0.38 U	0.43 J	3.7 U	2 U	4.5 U	2.1 U
2,4,5-TRICHLOROPHENOL	MG/KG									0.96 U	9.1 U	0.92 U	5.4 U	9.1 U	0.37 J	11 U	5 U
2,4-DICHLOROPHENOL	MG/KG									0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	2 U	4.5 U	2.1 U
2,4-DIMETHYLPHENOL	MG/KG									0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	2 U	4.5 U	2.1 U
2,4-DINITROPHENOL	MG/KG									1.9 U	18 U	1.8 U	11 UJ	18 U	9.9 UJ	22 UJ	10 UJ
2,6-DINITROTOLUENE	MG/KG									0.4 U	3.8 U	0.38 U	0.35 J	3.7 U	2 U	4.5 U	2.1 U
2-CHLOROPHENOL	MG/KG									0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	2 U	4.5 U	2.1 U
2-METHYLNAPHTHALENE	MG/KG		0.24							0.4 U	3.8 U	0.38 U	0.15 J	0.37 J	0.12 J	0.14 J	0.45 J
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	2 U	4.5 U	2.1 U
3,3'-DICHLOROBENZIDINE	MG/KG									1.9 U	18 U	1.8 U	11 U	18 U	9.9 U	22 U	10 U
3-NITROANILINE	MG/KG									1.9 U	18 U	1.8 U	11 U	18 U	9.9 U	2 J	10 U
4-CHLORO-3-METHYLPHENOL	MG/KG									0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	2 U	4.5 U	2.1 U
4-CHLOROANILINE	MG/KG									0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	1.4 J	4.5 U	2.1 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	2 U	4.5 U	2.1 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	0.4 U	3.8 U	0.38 U	0.054 J	3.7 U	0.18 J	0.21 J	1.2 J
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	0.4 U	3.8 U	0.38 U	0.38 J	0.31 J	2 U	4.5 U	2.1 U
ACETOPHENONE	MG/KG									0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	2 U	4.5 U	2.1 U
ANILINE	MG/KG			1,000	55	100		0.46	28	0.4 U	3.8 U	0.38 U	1.2 J	3.7 U	5.5 J	2.1 J	2.1 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	0.4 U	0.39 J	0.026 J	0.34 J	0.53 J	0.39 J	0.98 J	3.6
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	0.032 J	1.7 J	0.15 J	1.5 J	1.9 J	0.88 J	6.9	4.8
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	0.028 J	1.7 J	0.15 J	6	2.4 J	0.8 J	3.3 J	3
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	0.065 J	3.6 J	0.31 J	3.4	4.1	1.6 J	13	5

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J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 3
Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES															
Area										Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
Location										TB-A01	TB-A01	TB-A02	TB-A02	TB-A03	TB-A03	TB-A04	TB-A04
Sample Date										01/03/07	01/03/07	01/03/07	01/12/07	01/03/07	01/12/07	01/04/07	01/04/07
Sample ID										TB-A01-0506	TB-A01-SURFACE	TB-A02-SURFACE	TB-A02-0204	TB-A03-SURFACE	TB-A03-0204	TB-A04-0506	TB-A04-SURFACE
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**								
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	0.4 U	1.1 J	0.07 J	1.4 J	1.7 J	0.44 J	3.8 J	1.2 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	0.4 U	3.8 U	0.38 U	2.2 U	1.2 J	2 U	4.1 J	1.4 J
BIPHENYL	MG/KG									0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	2 U	4.5 U	0.17 J
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									0.4 U	3.8 U	0.072 J	2.2 U	3.7 U	2 U	4.5 U	2.1 U
BUTYLBENZYL PHTHALATE	MG/KG									0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	2 U	4.5 U	2.1 U
CAPROLACTAM	MG/KG									0.4 UJ	3.8 UJ	0.38 UJ	2.2 U	3.7 UJ	2 U	4.5 U	2.1 U
CARBAZOLE	MG/KG									0.4 U	3.8 U	0.38 U	0.11 J	0.22 J	0.18 J	0.19 J	1.8 J
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	0.027 J	1.4 J	0.14 J	1.3 J	1.7 J	0.78 J	9	4.1
DI-N-BUTYL PHTHALATE	MG/KG									0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	2 U	4.5 U	2.1 U
DI-N-OCTYL PHTHALATE	MG/KG									0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	0.099 J	4.5 U	2.1 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	0.4 U	0.28 J	0.021 J	0.43 J	0.51 J	0.14 J	0.26 J	0.4 J
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	0.4 U	3.8 U	0.38 U	0.15 J	3.7 U	0.16 J	0.13 J	1.5 J
DIETHYL PHTHALATE	MG/KG									0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	2 U	4.5 U	2.1 U
DIMETHYL PHTHALATE	MG/KG									0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	2 U	4.5 U	2.1 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	0.036 J	3.5 J	0.31 J	2.1 J	2.8 J	1.3 J	11	11
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	0.21 J	0.14 J	1.9 J
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	0.4 U	0.61 J	0.38 U	0.36 J	3.7 U	0.095 J	4.5 U	2.1 U
HEXACHLOROBUTADIENE	MG/KG									0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	6.8	4.5 U	2.1 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	0.4 U	1 J	0.064 J	1.1 J	1.5 J	0.44 J	3.5 J	1.1 J
N-NITROSODIPHENYLAMINE	MG/KG									0.4 U	3.8 U	0.38 U	0.13 J	0.42 J	0.27 J	1.6 J	2.1 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	0.4 U	3.8 U	0.38 U	0.23 J	3.7 U	0.22 J	4.5 U	0.84 J
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	0.12 J	6.5	0.38 U	3.1	3.7 U	2 U	4.5 U	2.1 U
O-NITROANANILINE	MG/KG									1.9 U	18 U	1.8 U	11 U	18 U	9.9 U	22 U	10 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	0.4 U	1.6 J	0.13 J	1.2 J	1.5 J	1.2 J	2 J	14
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	0.4 U	3.8 U	0.38 U	2.2 U	3.7 U	2 U	4.5 U	2.1 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	0.021 J	2.1 J	0.19 J	1.7 J	2 J	1.1 J	9.9	7.2
VOCs																	
ETHANOL	MG/KG																
1,2,4-TRIMETHYLBENZENE	MG/KG			380	47	52	190	3.6	3.6								
1,3,5-TRIMETHYLBENZENE	MG/KG			380	47	52	190	8.4	8.4								
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06								
BUTYLBENZENE	MG/KG			1,000	100	100	500	12	12								
ETHYLBENZENE	MG/KG			780	30	41	390	1	1								
ISOPROPYLBENZENE	MG/KG																
M-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
NAPHTHALENE	MG/KG			1,000	100	100	500	12	12								
O-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7								
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.005 U	0.005 U	0.004 U	0.006 U	0.004 U	0.005 U	0.008 U	0.006 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.005 U	0.005 U	0.004 U	0.006 U	0.004 U	0.005 U	0.008 U	0.006 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.005 U	0.005 U	0.004 U	0.007	0.004 U	0.048	0.008 U	0.006 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.002 J	0.005 U	0.004 U	0.13	0.004 U	0.005 U	0.008 U	0.006 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.005 U	0.005 U	0.004 U	0.006 U	0.004 U	0.005 U	0.008 U	0.006 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.005 U	0.005 U	0.004 U	0.006 U	0.004 U	0.005 U	0.008 U	0.006 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.005 U	0.005 U	0.004 U	0.023	0.004 U	0.005 U	0.008 U	0.006 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.023 U	0.024 U	0.022 U	0.011 J	0.023 U	0.026 U	0.038 U	0.031 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.023 U	0.024 U	0.022 U	0.11	0.023 U		0.038 U	0.031 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.046	0.007	0.004 U	0.003 J	0.004 U	0.005 U	0.008 U	0.006 U
CARBON DISULFIDE	MG/KG									0.005 U	0.005 U	0.004 U	0.007	0.004 U	0.005 U	0.008 U	0.006 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.005 UJ	0.005 UJ	0.004 UJ	0.006 U	0.004 UJ	0.005 U	0.008 UJ	0.006 UJ
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.001 J	0.002 J	0.004 U	0.072	0.004 U	0.005 U	0.008 U	0.006 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.005 U	0.005 U	0.004 U	0.006 U	0.004 U	0.005 U	0.008 U	0.006 U
CHLOROMETHANE	MG/KG									0.009 U	0.009 U	0.009 U	0.013 U	0.009 U	0.01 U	0.015 U	0.012 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.005 U	0.005 U	0.004 U	0.006 U	0.004 U	0.005 U	0.008 U	0.006 U
CYCLOHEXANE	MG/KG									0.005 U	0.005 U	0.004 U	0.006 U	0.004 U	0.005 U	0.008 U	0.006 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.005 U	0.005 U	0.004 U	0.006 U	0.004 U	0.005 U	0.008 U	0.006 U
ISOPROPYLBENZENE	MG/KG									0.005 U	0.005 U	0.004 U	0.006 U	0.004 U	0.005 U	0.008 U	0.006 U

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Table 3
Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

Parameter	Units	NY SOIL CLEANUP OBJECTIVES Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Area Location / Sample Date / Sample ID Unrestricted	Area A TB-A05 01/11/07 TB-A05-0203	Area A TB-A05 01/11/07 TB-A05-SURFACE	Area A TB-A06 01/04/07 TB-A06-SURFACE	Area A TB-A06 01/11/07 TB-A06-0203	Area A TB-A06 01/11/07 TB-A06-0405	Area A TB-A07 01/04/07 TB-A07-SURFACE	Area A TB-A08 01/04/07 TB-A08-SURFACE	Area A TB-A09 01/03/07 TB-A09-0103
METAL																	
CYANIDE	MG/KG			10,000	27	27	27	40	27	1 UJ	0.98 UJ	0.85 UJ	1 UJ	1.2 J	1 UJ	1 UJ	0.76 UJ
ALUMINUM	MG/KG									6700 J	7380 J	11400 J	3550 J	5260 J	5210 J	24400 J	5050 J
ANTIMONY	MG/KG									34.2 J	25.8 J	15.3 U	16.2 UJ	19.8 UJ	17.2 U	16.8 U	15.4 UJ
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	28.2 J	36.2 J	7.1 J	6.5 J	26.8 J	16.3 J	4.1 J	6.9
BARIUM	MG/KG	433		10,000	350	400	400	820	350	57.8 J	119 J	145 J	35.4 J	31.5 J	48.4 J	248 J	27
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.51	0.4	3.4	0.29	0.34	0.32	6.7	0.34
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	1.5 J	1.1 J	0.32	0.65 J	2.4 J	0.44	0.22 U	0.47
CALCIUM	MG/KG									80200 J	35300 J	147000	105000 J	11900 J	82000	194000	63500
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	77.9	98	38.1 J	128	9.6	343 J	11.5 J	11.3 J
COBALT	MG/KG									7	8.2	1.1	2.1	10.1	5.7	0.56 U	6
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	173 J	220 J	38.6 J	57 J	74 J	121 J	10.4 J	53
IRON	MG/KG									50200	43400	10100	14500	13800	45000	8100	17500
LEAD	MG/KG	63		3,900	400	400	1000	450	63	288	372	120 J	199	264	706 J	15.9 J	34.7 J
MAGNESIUM	MG/KG									11700 J	6200 J	12900	4940 J	2640 J	7740	27100	10900
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	462 J	421 J	842	861 J	150 J	586	1460	394
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	14.2	26.3	8.8 J	5.4	0.15	1.6 J	0.03 J	0.197 J
NICKEL	MG/KG	30		10,000	140	310	310	130	30	58.5	52.5	8.9 J	15.8	15.8	28.1 J	4.2 J	20.2
POTASSIUM	MG/KG									526 J	795 J	850	553 J	698 J	994	1590	905
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	4 UJ	4.7 UJ	4.1 U	4.3 UJ	5.3 UJ	4.6 U	4.5 U	4.1 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.5 U	0.59 U	0.51 U	0.54 U	0.66 U	0.57 U	0.56 U	0.51 U
SODIUM	MG/KG									193	238	584	414	232	307	1050	143 U
THALLIUM	MG/KG									6 UJ	7 UJ	6.1 U	6.5 UJ	7.9 UJ	6.9 U	6.7 U	6.1 U
VANADIUM	MG/KG									15.5 J	16.5 J	7.7 J	22.4 J	10.3 J	14.1 J	6.6 J	11.7
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	286	655	111	105	1960	267	52.2	105 J
SVOCs																	
1-METHYL-2,4-DINITROBENZENE	MG/KG									6.6	5.8	3.4 U	0.51	6.2	3.8 U	7.2 U	0.35 U
2,4,5-TRICHLOROPHENOL	MG/KG									8.4 U	4.5 U	8.3 U	0.86 U	1 U	9.2 U	18 U	0.85 U
2,4-DICHLOROPHENOL	MG/KG									3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
2,4-DIMETHYLPHENOL	MG/KG									3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
2,4-DINITROPHENOL	MG/KG									17 U	9 U	16 UJ	1.7 U	2 U	18 UJ	35 UJ	1.7 U
2,6-DINITROTOLUENE	MG/KG									4	2.2	3.4 U	0.18 J	4.6	3.8 U	7.2 U	0.35 U
2-CHLOROPHENOL	MG/KG									3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
2-METHYLNAPHTHALENE	MG/KG		0.24							3.4 U	1.8 U	0.096 J	0.35 U	0.05 J	3.8 U	7.2 U	0.35 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
3,3'-DICHLOROBENZIDINE	MG/KG									17 U	9 U	16 U	1.7 U	2 U	18 U	35 U	1.7 U
3-NITROANILINE	MG/KG									17 U	9 U	16 U	1.7 U	1.8 J	18 U	35 U	1.7 U
4-CHLORO-3-METHYLPHENOL	MG/KG									3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
4-CHLOROANILINE	MG/KG									3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	3.4 U	0.22 J	3.4 U	0.084 J	0.42 U	0.16 J	0.17 J	0.35 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	3.4 U	1.8 U	3.4 U	0.037 J	0.42 U	3.8 U	7.2 U	0.35 U
ACETOPHENONE	MG/KG									3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
ANILINE	MG/KG			1,000	55	100		0.46	28	3.4 U	1.8 U	3.4 U	0.7	0.34 J	3.8 U	7.2 U	0.35 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	3.4 U	0.65 J	0.2 J	0.22 J	0.42 U	0.6 J	0.26 J	0.071 J
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	0.89 J	2.2	0.76 J	0.95	0.37 J	2.7 J	1.1 J	0.3 J
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	0.98 J	2.2	0.76 J	0.74	0.092 J	2.4 J	1.3 J	0.27 J
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	1.8 J	3.7	1.2 J	2.1	0.19 J	4.2	1.8 J	0.58

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Table 3
Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

			NY SOIL CLEANUP OBJECTIVES						Area Location	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
									Sample Date	TB-A05 01/11/07	TB-A05 01/11/07	TB-A06 01/04/07	TB-A06 01/11/07	TB-A06 01/11/07	TB-A07 01/04/07	TB-A08 01/04/07	TB-A09 01/03/07
									Sample ID	TB-A05-0203	TB-A05-SURFACE	TB-A06-SURFACE	TB-A06-0203	TB-A06-0405	TB-A07-SURFACE	TB-A08-SURFACE	TB-A09-0103
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**								
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	0.54 J	1.2 J	0.47 J	0.57	0.049 J	1.3 J	0.83 J	0.13 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	0.66 J	1 J	0.49 J	0.35 U	0.42 U	1.2 J	1 J	0.35 U
BIPHENYL	MG/KG									3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									3.4 U	1.8 U	3.4 U	0.1 J	0.42 U	3.8 U	7.2 U	0.083 J
BUTYLBENZYL PHTHALATE	MG/KG									3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
CAPROLACTAM	MG/KG									3.4 UJ	1.8 UJ	3.4 U	0.35 UJ	0.42 UJ	3.8 U	7.2 U	0.35 UJ
CARBAZOLE	MG/KG									3.4 U	0.25 J	3.4 U	0.092 J	0.42 U	0.2 J	0.31 J	0.044 J
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	0.8 J	2	0.92 J	0.93	0.092 J	2.5 J	1.6 J	0.27 J
DI-N-BUTYL PHTHALATE	MG/KG									3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
DI-N-OCTYL PHTHALATE	MG/KG									3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	0.19 J	0.38 J	0.15 J	0.17 J	0.42 U	0.4 J	0.18 J	0.04 J
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	3.4 U	0.14 J	0.087 J	0.042 J	0.42 U	3.8 U	7.2 U	0.35 U
DIETHYL PHTHALATE	MG/KG									3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
DIMETHYL PHTHALATE	MG/KG									3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	1.1 J	3.8	1.7 J	1.8	0.13 J	4.4	3.9 J	0.57
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	3.4 U	0.23 J	3.4 U	0.058 J	0.42 U	0.14 J	7.2 U	0.35 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	0.55 J	0.78 J	3.4 U	0.24 J	0.42 U	3.8 U	7.2 U	0.35 U
HEXACHLOROBUTADIENE	MG/KG									3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	0.51 J	1.1 J	0.45 J	0.5	0.046 J	1.2 J	0.68 J	0.12 J
N-NITROSODIPHENYLAMINE	MG/KG									3.4 U	1.8 U	3.4 U	0.039 J	0.041 J	3.8 U	7.2 U	0.35 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	3.4 U	3.1	3.4 U	0.19 J	1.6	3.8 U	7.2 U	0.35 U
O-NITROANANILINE	MG/KG									17 U	9 U	16 U	1.7 U	0.2 J	18 U	35 U	1.7 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	0.5 J	2.2	1.3 J	0.74	0.092 J	1.9 J	2.6 J	0.26 J
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	3.4 U	1.8 U	3.4 U	0.35 U	0.42 U	3.8 U	7.2 U	0.35 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	0.71 J	2.5	1.2 J	1.1	0.078 J	3.4 J	2.6 J	0.36
VOCs																	
ETHANOL	MG/KG																
1,2,4-TRIMETHYLBENZENE	MG/KG			380	47	52	190	3.6	3.6								
1,3,5-TRIMETHYLBENZENE	MG/KG			380	47	52	190	8.4	8.4								
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06								
BUTYLBENZENE	MG/KG			1,000	100	100	500	12	12								
ETHYLBENZENE	MG/KG			780	30	41	390	1	1								
ISOPROPYLBENZENE	MG/KG																
M-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
NAPHTHALENE	MG/KG			1,000	100	100	500	12	12								
O-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7								
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.005 U	0.005 U	0.006 U	0.005 U	0.006 U	0.005 U	0.005 U	0.004 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.005 U	0.005 U	0.006 U	0.005 U	0.006 U	0.005 U	0.005 U	0.004 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.005 U	0.005 JN	0.006 U	0.005 U	0.006 U	0.005 U	0.005 U	0.004 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.005 U	0.001 J	0.006 U	0.005 U	0.006 U	0.005 U	0.005 U	0.004 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.005 U	0.005 JN	0.006 U	0.005 U	0.006 U	0.005 U	0.005 U	0.004 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.005 U	0.005 JN	0.006 U	0.005 U	0.006 U	0.005 U	0.005 U	0.004 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.005 U	0.005 JN	0.006 U	0.005 U	0.006 U	0.005 U	0.005 U	0.004 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.023 U	0.026 U	0.03 U	0.023 U	0.028 U	0.023 U	0.027 U	0.021 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.023 U	0.029	0.03 U	0.023 U	0.061	0.023 U	0.027 U	0.021 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.005 U	0.003 J	0.006 U	0.001 J	0.002 J	0.005 U	0.005 U	0.004 U
CARBON DISULFIDE	MG/KG									0.005 U	0.005 JN	0.006 U	0.005 U	0.003 J	0.005 U	0.005 U	0.004 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.005 U	0.005 U	0.006 UJ	0.005 U	0.006 U	0.005 UJ	0.005 UJ	0.004 UJ
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.005 U	0.005 U	0.006 U	0.004 J	0.046	0.005 U	0.005 U	0.004 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.005 U	0.005 U	0.006 U	0.005 U	0.006 U	0.005 U	0.005 U	0.004 U
CHLOROMETHANE	MG/KG									0.009 U	0.01 U	0.012 U	0.009 U	0.011 U	0.009 U	0.011 U	0.008 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.005 U	0.005 U	0.006 U	0.005 U	0.006 U	0.005 U	0.005 U	0.004 U
CYCLOHEXANE	MG/KG									0.005 U	0.005 U	0.006 U	0.001 J	0.006 U	0.005 U	0.005 U	0.004 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.005 U	0.005 U	0.006 U	0.005 U	0.006 U	0.005 U	0.005 U	0.004 U
ISOPROPYLBENZENE	MG/KG									0.005 U	0.005 U	0.006 U	0.005 U	0.006 U	0.005 U	0.005 U	0.004 U

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 3
Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES								Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
										Location	TB-A09	TB-A10	TB-A10	TB-A11	TB-A11	TB-A12	TB-A12	TB-A13
										Sample Date	01/03/07	01/03/07	01/03/07	01/03/07	01/03/07	01/04/07	01/04/07	01/04/07
										Sample ID	TB-A09-SURFACE	TB-A10-0204	TB-A10-SURFACE	TB-A11-0204	TB-A11-SURFACE	TB-A12-0103	TB-A12-SURFACE	TB-A13-0102
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**									
METAL																		
CYANIDE	MG/KG			10,000	27	27	27	40	27	1 UJ	1 UJ	0.84 UJ	0.92 UJ	0.9 UJ	1 U	1.1 U	1.2 UJ
ALUMINUM	MG/KG									4370 J	3100 J	6240 J	8210 J	5540 J	6990 J	5000 J	5160 J
ANTIMONY	MG/KG									16.9 UJ	18.9 UJ	16.7 UJ	17.5 UJ	15.7 UJ	17.7 U	17.6 U	18 U
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	18.6	9.5	6.7	5	6.5	22.8	14	117 J
BARIUM	MG/KG	433		10,000	350	400	400	820	350	134	101	56.4	150	38.4	70.5	42.9	104 J
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.54	0.56	0.77	0.45	0.34	0.53	0.38	0.54
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	2	1.2	0.58	0.36	0.38	2.3	1	8.3
CALCIUM	MG/KG									40700	103000	131000	71000	54400	46700	56700	98400
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	51.4 J	15.3 J	26.2 J	16.5 J	10.6 J	22.1	36.4	67.7 J
COBALT	MG/KG									5.9	6.7	3.8	5.5	5.9	8.3	5.5	13.4
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	137	68.2	58.2	40.6	33.8	228 J	82 J	321 J
IRON	MG/KG									39700	17500	18700	22800	14100	46900	21800	34100
LEAD	MG/KG	63		3,900	400	400	1000	450	63	484 J	105 J	103 J	43.1 J	24 J	174 R	179 R	784 J
MAGNESIUM	MG/KG									9060	2580	14200	7070	9390	10300 J	10200 J	3210
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	521	234	546	513	332	506	532	289
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	5.6 J	0.243 J	0.469 J	0.083 J	0.08 J	4 R	1.2 R	4.4 J
NICKEL	MG/KG	30		10,000	140	310	310	130	30	27.9	17.7	19.7	12.8	19.8	23.2 J	35.3 J	29.4 J
POTASSIUM	MG/KG									964	610	749	588	1070	997	1030	810
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	4.5 U	5 U	4.5 U	4.7 U	4.2 U	4.7 U	4.7 U	4.8 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.56 U	0.63 U	0.56 U	0.58 U	0.52 U	0.59 U	0.59 U	1.5
SODIUM	MG/KG									229	201	250	322	196	261	164 U	814
THALLIUM	MG/KG									6.8 U	7.6 U	6.7 U	7 U	6.3 U	7.1 U	7 U	7.2 U
VANADIUM	MG/KG									19.1	11.9	15.2	15.3	12.3	22.4	19.9	72.4 J
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	367 J	341 J	136 J	150 J	94.1 J	934	299	793
SVOCs																		
1-METHYL-2,4-DINITROBENZENE	MG/KG									3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	1.5 J	3.8 U	4.2 U
2,4,5-TRICHLOROPHENOL	MG/KG									9.6 U	10 U	0.95 U	0.89 U	8.6 U	9 U	9.2 U	10 U
2,4-DICHLOROPHENOL	MG/KG									3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
2,4-DIMETHYLPHENOL	MG/KG									3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
2,4-DINITROPHENOL	MG/KG									19 U	20 U	1.9 U	1.8 U	17 U	3.2 J	18 U	20 UJ
2,6-DINITROTOLUENE	MG/KG									3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	1.1 J	3.8 U	4.2 U
2-CHLOROPHENOL	MG/KG									3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
2-METHYLNAPHTHALENE	MG/KG		0.24							3.9 U	1.3 J	0.033 J	0.086 J	3.6 U	3.7 U	3.8 U	4.2 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
3,3'-DICHLOROBENZIDINE	MG/KG									19 U	20 U	1.9 U	1.8 U	17 U	18 U	18 U	20 U
3-NITROANILINE	MG/KG									19 U	20 U	1.9 U	1.8 U	17 U	1.9 J	18 U	20 U
4-CHLORO-3-METHYLPHENOL	MG/KG									3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
4-CHLOROANILINE	MG/KG									3.9 U	4 J	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	3.9 U	2.6 J	0.032 J	0.37 U	3.6 U	0.13 J	0.1 J	4.2 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	0.64 J	4.3	0.054 J	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
ACETOPHENONE	MG/KG									3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
ANILINE	MG/KG			1,000	55	100		0.46	28	3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	1 J	8.2	0.18 J	0.13 J	0.2 J	0.27 J	0.27 J	0.13 J
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	3.6 J	19	1.6	0.38	0.62 J	1.3 J	1.6 J	0.74 J
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	3.9	7.3	1.6	0.29 J	0.58 J	1.3 J	1.8 J	0.56 J
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	8.4	21	2.6	0.44	0.88 J	1.7 J	2.7 J	0.73 J

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R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 3
Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
									Sample Date	TB-A09 01/03/07	TB-A10 01/03/07	TB-A10 01/03/07	TB-A11 01/03/07	TB-A11 01/03/07	TB-A12 01/04/07	TB-A12 01/04/07	TB-A13 01/04/07
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Sample ID**	TB-A09-SURFACE	TB-A10-0204	TB-A10-SURFACE	TB-A11-0204	TB-A11-SURFACE	TB-A12-0103	TB-A12-SURFACE	TB-A13-0102
									Unrestricted								
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	2.1 J	3.4 J	0.91	0.14 J	0.23 J	1 J	1.5 J	0.42 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	3.9 U	5.9	0.76	0.16 J	0.24 J	0.78 J	0.7 J	0.26 J
BIPHENYL	MG/KG									3.9 U	0.6 J	0.39 U	0.019 J	3.6 U	3.7 U	3.8 U	4.2 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									1.2 J	4.1 U	0.084 J	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
BUTYLBENZYL PHTHALATE	MG/KG									3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
CAPROLACTAM	MG/KG									3.9 UJ	4.1 UJ	0.39 UJ	0.37 UJ	3.6 UJ	3.7 UJ	3.8 UJ	4.2 U
CARBAZOLE	MG/KG									0.46 J	5.4	0.07 J	0.053 J	3.6 U	0.078 J	0.14 J	4.2 U
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	3.5 J	21	1.6	0.39	0.55 J	1.2 J	1.7 J	0.61 J
DI-N-BUTYL PHTHALATE	MG/KG									3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
DI-N-OCTYL PHTHALATE	MG/KG									3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	0.67 J	1.2 J	0.26 J	0.047 J	3.6 U	0.31 J	0.39 J	4.2 U
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	3.9 U	3.6 J	0.022 J	0.069 J	3.6 U	3.7 U	3.8 U	4.2 U
DIETHYL PHTHALATE	MG/KG									1.4 J	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
DIMETHYL PHTHALATE	MG/KG									3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	6.3	81	2.1	0.81	1.2 J	2.3 J	3.4 J	1.2 J
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	3.9 U	2.2 J	0.032 J	0.026 J	3.6 U	3.7 U	0.087 J	4.2 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
HEXACHLOROBUTADIENE	MG/KG									3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	1.9 J	3.3 J	0.8	0.12 J	0.23 J	0.92 J	1.3 J	0.36 J
N-NITROSODIPHENYLAMINE	MG/KG									3.9 U	4.1 U	0.39 U	0.097 J	3.6 U	0.82 J	3.8 U	4.2 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	0.38 J	3.3 J	0.032 J	0.14 J	3.6 U	3.7 U	3.8 U	4.2 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
O-NITROANANILINE	MG/KG									19 U	20 U	1.9 U	1.8 U	17 U	18 U	18 U	20 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	3.6 J	25	0.56	0.62	0.77 J	0.96 J	1.5 J	0.61 J
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	3.9 U	4.1 U	0.39 U	0.37 U	3.6 U	3.7 U	3.8 U	4.2 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	4.5	57	1.4	0.57	0.85 J	1.8 J	2.6 J	1 J
VOCs																	
ETHANOL	MG/KG																
1,2,4-TRIMETHYLBENZENE	MG/KG			380	47	52	190	3.6	3.6								
1,3,5-TRIMETHYLBENZENE	MG/KG			380	47	52	190	8.4	8.4								
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06								
BUTYLBENZENE	MG/KG			1,000	100	100	500	12	12								
ETHYLBENZENE	MG/KG			780	30	41	390	1	1								
ISOPROPYLBENZENE	MG/KG																
M-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
NAPHTHALENE	MG/KG			1,000	100	100	500	12	12								
O-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7								
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.006 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.006 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.006 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.006 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.006 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.006 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.006 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.028 U	0.035 U	0.03 U	0.036 U	0.02 U	0.026 U	0.028 U	0.03 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.028 U	0.035 U	0.03 U	0.061	0.02 U	0.026 U	0.028 U	0.03 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.006 U
CARBON DISULFIDE	MG/KG									0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.006 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.006 UJ	0.007 UJ	0.006 UJ	0.007 UJ	0.004 UJ	0.005 U	0.006 U	0.006 UJ
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.002 J
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.006 U
CHLOROMETHANE	MG/KG									0.011 U	0.014 U	0.012 U	0.014 U	0.008 U	0.01 U	0.011 U	0.012 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.006 U
CYCLOHEXANE	MG/KG									0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.006 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.006 U
ISOPROPYLBENZENE	MG/KG									0.006 U	0.007 U	0.006 U	0.007 U	0.004 U	0.005 U	0.006 U	0.006 U

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U=Undetected at listed detection limit

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Table 3
Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
									Sample Date	TB-A13	TB-A14	TB-A14	TB-A15	TB-A15	TB-A16	TB-A16	TB-A17
									Sample ID	01/04/07	01/04/07	01/04/07	01/04/07	01/04/07	01/03/07	01/03/07	01/04/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	TB-A13-SURFACE	TB-A14-0102	TB-A14-SURFACE	TB-A15-0102	TB-A15-SURFACE	TB-A16-0304	TB-A16-SURFACE	TB-A17-0405
METAL																	
CYANIDE	MG/KG			10,000	27	27	27	40	27	0.89 UJ	0.9 UJ	1 UJ	1 U	9.5	0.79 UJ	1.2 UJ	1.2 UJ
ALUMINUM	MG/KG									3290 J	825 J	1330 J	3910 J	2600 J	5840 J	5220 J	5090 J
ANTIMONY	MG/KG									15.9 U	15 U	15 U	17.1 U	17.3 U	15.6 UJ	19.2 UJ	16.6 U
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	13.5 J	2.3 J	2.7 J	5.7	16.2	9.3	735	825 J
BARIUM	MG/KG	433		10,000	350	400	400	820	350	43.3 J	8.8 J	10.7 J	25	42.3	35.4	118	34.6 J
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.26	0.24	0.22	0.29	0.27	0.38	0.35	0.26
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.53	0.2 U	0.2 U	0.24	1.2	0.56	1.4	1.3
CALCIUM	MG/KG									138000	336000	247000	58700	160000	68700	2930	3400
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	14 J	3.3 J	4.6 J	20.8	71.5	36.8 J	4130 J	10.7 J
COBALT	MG/KG									3.9	0.91	1.2	4.1	4.3	5	5.1	5.1
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	128 J	10.7 J	10.2 J	45.4 J	93.2 J	68.1	2630	31.2 J
IRON	MG/KG									12200	3660	4520	15000	37200	17900	37600	12700
LEAD	MG/KG	63		3,900	400	400	1000	450	63	87.7 J	22 J	13.6 J	75.5 R	155 R	134 J	760 J	92.5 J
MAGNESIUM	MG/KG									9390	8640	7920	25300 J	8700 J	11900	1520	2380
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	323	117	145	358	420	420	171	297
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	0.48 J	0.04 J	0.04 J	2.3 R	0.364 R	3.7 J	6.9 J	0.41 J
NICKEL	MG/KG	30		10,000	140	310	310	130	30	13.1 J	5.6 J	7.1 J	30.9 J	56.4 J	21	23.5	14.4 J
POTASSIUM	MG/KG									754	237	443	1050	591	1030	1140	909
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	4.2 U	4 U	4 U	4.6 U	4.6 U	4.2 U	5.1 U	4.4 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.53 U	0.5 U	0.5 U	0.57 U	1.6	0.52 U	0.64 U	0.55 U
SODIUM	MG/KG									489	168	175	163	274	146 U	179 U	334
THALLIUM	MG/KG									6.4 U	6 U	6 U	6.8 U	6.9 U	6.3 U	7.7 U	6.7 U
VANADIUM	MG/KG									17.4 J	4.4 J	11.2 J	10.6	9.4	14	16.6	11.5 J
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	232	46.8	45.8	119	335	116 J	300 J	303
SVOCs																	
1-METHYL-2,4-DINITROBENZENE	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
2,4,5-TRICHLOROPHENOL	MG/KG									82 U	8.3 U	82 U	8.9 U	9.2 U	8.7 U	11 U	4.8 U
2,4-DICHLOROPHENOL	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
2,4-DIMETHYLPHENOL	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
2,4-DINITROPHENOL	MG/KG									160 UJ	16 UJ	160 UJ	18 U	18 U	17 U	22 U	9.6 UJ
2,6-DINITROTOLUENE	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
2-CHLOROPHENOL	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
2-METHYLNAPHTHALENE	MG/KG		0.24							34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
3,3'-DICHLOROBENZIDINE	MG/KG									160 U	16 U	160 U	18 U	18 U	17 U	22 U	9.6 U
3-NITROANILINE	MG/KG									160 U	16 U	160 U	18 U	18 U	17 U	22 U	2.6 J
4-CHLORO-3-METHYLPHENOL	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
4-CHLOROANILINE	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	4 J	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	0.11 J
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	0.37 J
ACETOPHENONE	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	0.32 J
ANILINE	MG/KG			1,000	55	100		0.46	28	34 U	3.4 U	34 U	3.1 J	27	3.6 U	4.4 U	0.45 J
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	8.1 J	3.4 U	34 U	3.7 U	0.098 J	3.6 U	4.4 U	
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	19 J	3.4 U	3.6 J	0.15 J	0.79 J	0.8 J	1.1 J	
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	15 J	3.4 U	3.7 J	0.14 J	0.84 J	0.66 J	1.1 J	
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	20 J	3.4 U	4.7 J	0.27 J	1.2 J	0.99 J	2.5 J	

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Table 3
Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

Parameter	Units	NY SOIL CLEANUP OBJECTIVES Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Area Location / Sample Date / Sample ID Unrestricted	Area A TB-A13 01/04/07 TB-A13-SURFACE	Area A TB-A14 01/04/07 TB-A14-0102	Area A TB-A14 01/04/07 TB-A14-SURFACE	Area A TB-A15 01/04/07 TB-A15-0102	Area A TB-A15 01/04/07 TB-A15-SURFACE	Area A TB-A16 01/03/07 TB-A16-0304	Area A TB-A16 01/03/07 TB-A16-SURFACE	Area A TB-A17 01/04/07 TB-A17-0405
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	12 J	3.4 U	2.7 J	0.19 J	0.91 J	0.34 J	0.66 J	0.15 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	8.2 J	3.4 U	1.6 J	3.7 U	0.54 J	0.45 J	4.4 U	0.18 J
BIPHENYL	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									34 U	3.4 U	34 U	3.7 U	0.72 J	3.6 U	4.4 U	2 U
BUTYLBENZYL PHTHALATE	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
CAPROLACTAM	MG/KG									34 U	3.4 U	34 U	3.7 UJ	3.8 UJ	3.6 UJ	4.4 UJ	2 U
CARBAZOLE	MG/KG									7 J	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	22 J	3.4 U	2.9 J	0.11 J	0.87 J	0.54 J	0.96 J	0.3 J
DI-N-BUTYL PHTHALATE	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
DI-N-OCTYL PHTHALATE	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	2.8 J	3.4 U	34 U	3.7 U	0.23 J	3.6 U	4.4 U	0.042 J
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	3 J	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
DIETHYL PHTHALATE	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
DIMETHYL PHTHALATE	MG/KG									34 U	3.4 U	34 U	3.7 U	0.25 J	3.6 U	4.4 U	2 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	63	3.4 U	6.2 J	0.12 J	1.6 J	1.3 J	1.3 J	0.62 J
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	4.4 J	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
HEXACHLOROBUTADIENE	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	9.9 J	3.4 U	2.2 J	0.16 J	0.76 J	0.32 J	0.62 J	0.13 J
N-NITROSODIPHENYLAMINE	MG/KG									34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	0.16 J
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
O-NITROANANILINE	MG/KG									160 U	16 U	160 U	18 U	18 U	17 U	22 U	9.6 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	53	3.4 U	2.1 J	3.7 U	0.61 J	0.75 J	0.36 J	0.51 J
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	34 U	3.4 U	34 U	3.7 U	3.8 U	3.6 U	4.4 U	2 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	47	3.4 U	7.2 J	0.097 J	1.2 J	0.81 J	0.88 J	0.53 J
VOCs																	
ETHANOL	MG/KG																
1,2,4-TRIMETHYLBENZENE	MG/KG			380	47	52	190	3.6	3.6								
1,3,5-TRIMETHYLBENZENE	MG/KG			380	47	52	190	8.4	8.4								
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06								
BUTYLBENZENE	MG/KG			1,000	100	100	500	12	12								
ETHYLBENZENE	MG/KG			780	30	41	390	1	1								
ISOPROPYLBENZENE	MG/KG																
M-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
NAPHTHALENE	MG/KG			1,000	100	100	500	12	12								
O-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7								
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.004 U	0.005 U	0.007 U	0.006 U	0.005 U	0.004 U	0.006 U	0.005 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.004 U	0.005 U	0.007 U	0.006 U	0.005 U	0.004 U	0.006 U	0.005 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.004 U	0.005 U	0.007 U	0.006 U	0.005 U	0.004 U	0.006 U	0.005 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.004 U	0.005 U	0.007 U	0.006 U	0.005 U	0.004 U	0.006 U	0.005 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.004 U	0.005 U	0.007 U	0.006 U	0.005 U	0.004 U	0.006 U	0.005 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.004 U	0.005 U	0.007 U	0.006 U	0.005 U	0.004 U	0.006 U	0.005 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.004 U	0.005 U	0.007 U	0.006 U	0.005 U	0.004 U	0.006 U	0.005 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.023 U	0.026 U	0.036 U	0.028 U	0.024 U	0.023 U	0.031 U	0.026 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.023 U	0.026 U	0.036 U	0.028 U	0.024 U	0.023 U	0.031 U	0.013 J
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.004 U	0.005 U	0.007 U	0.006 U	0.005 U	0.004 U	0.006 U	0.005 U
CARBON DISULFIDE	MG/KG									0.004 U	0.005 U	0.007 U	0.006 U	0.005 U	0.004 U	0.006 U	0.005 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.004 UJ	0.005 UJ	0.007 UJ	0.006 U	0.005 U	0.004 UJ	0.006 UJ	0.005 UJ
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.015	0.003 J	0.051	0.002 U	0.005 U	0.004 U	0.006 U	0.004 J
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.004 U	0.005 U	0.007 U	0.006 U	0.005 U	0.004 U	0.006 U	0.005 U
CHLOROMETHANE	MG/KG									0.009 U	0.01 U	0.014 U	0.011 U	0.01 U	0.009 U	0.012 U	0.01 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.004 U	0.005 U	0.007 U	0.006 U	0.005 U	0.004 U	0.006 U	0.005 U
CYCLOHEXANE	MG/KG									0.004 U	0.005 U	0.007 U	0.006 U	0.005 U	0.004 U	0.006 U	0.005 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.003 J	0.002 J	0.035	0.006 U	0.005 U	0.004 U	0.006 U	0.005 U
ISOPROPYLBENZENE	MG/KG									0.004 U	0.005 U	0.008	0.006 U	0.005 U	0.004 U	0.006 U	0.005 U

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Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
									Sample Date	TB-A17	TB-A18	TB-A18	TB-A19	TB-A19	TB-A20	TB-A20	TB-A21
									Sample ID	01/04/07	01/09/07	01/09/07	01/11/07	01/11/07	01/05/07	01/05/07	01/11/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	TB-A17-SURFACE	TB-A18-0506	TB-A18-SURFACE	TB-A19-0304	TB-A19-SURFACE	TB-A20-0304	TB-A20-SURFACE	TB-A21-0405
METAL																	
CYANIDE	MG/KG			10,000	27	27	27	40	27	1 UJ	1 UJ	0.99 UJ	0.94 UJ	0.86 UJ	1.1 J	0.9 UJ	0.98 U
ALUMINUM	MG/KG									11100 J	5900 J	6040 J	6530 J	8010 J	7580	5490	4300
ANTIMONY	MG/KG									16.1 U	18.6 UJ	15.9 UJ	17.6 UJ	16 UJ	17.3 U	16.6 U	15.4 R
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	141 J	16.1	9.9	10 J	13.2 J	18.9	12.5	2.4 J
BARIUM	MG/KG	433		10,000	350	400	400	820	350	102 J	39.8	28.3	60.6 J	83.6 J	201	54.3	19.9 J
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.69	0.3	0.29	0.45	0.58	1.4	0.33	0.23
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.3	0.25 U	0.26	0.44 J	0.21 UJ	0.23 U	0.22 U	0.2 UJ
CALCIUM	MG/KG									36700	55400	27500	48100 J	108000 J	3390	61100	92700
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	25.7 J	8.4	8.7	23.3	23.5	21.2	17.6	8.4 J
COBALT	MG/KG									4.1	6.4	8.3	5.9	5.6	8.5	7.2	3.1 J
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	51.1 J	23.9	33.1	43.3 J	51.3 J	56.3	35.7	16.4 J
IRON	MG/KG									14600	16800	18100	18700	19400	63500	41600	8900 J
LEAD	MG/KG	63		3,900	400	400	1000	450	63	134 J	13	10.9	90	160	1570	197	9.6 J
MAGNESIUM	MG/KG									4390	14800 J	4930 J	7070 J	6820 J	922	5970	43100
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	348	596	561	283 J	548 J	180	524	297
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	0.88 J	0.04	0.03	1.1	0.56	0.298	0.923	0.17 J
NICKEL	MG/KG	30		10,000	140	310	310	130	30	15.3 J	17.6	28.8	15.9	19.8	25.3	23.1	7.4 J
POTASSIUM	MG/KG									1020	900	800	1360 J	611 J	4490	2220	1100 J
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	4.3 U	5 U	4.2 U	4.7 UJ	4.3 UJ	4.6 U	4.4 U	4.1 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.54 U	0.62 U	0.53 U	0.59 U	0.53 U	0.58 U	0.55 U	0.51 U
SODIUM	MG/KG									976	174 U	148 U	539	532	1370	1200	368 J
THALLIUM	MG/KG									6.5 U	7.4 U	6.4 U	7 UJ	6.4 UJ	6.9 U	6.6 U	6.1 UJ
VANADIUM	MG/KG									13.6 J	11.4	12	18.4 J	18.6 J	17.5	11.9	9.3 J
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	795	100	92.4	134	86.1	182	73.3	49.5 J
SVOCs																	
1-METHYL-2,4-DINITROBENZENE	MG/KG									3.6 U	0.36 U	0.35 U	1.9 U	3.7 U	0.38 U	3.7 U	1.7 U
2,4,5-TRICHLOROPHENOL	MG/KG									8.8 U	0.87 U	0.85 U	4.7 U	9 R	0.91 U	9 U	4.2 U
2,4-DICHLOROPHENOL	MG/KG									3.6 U	0.36 U	0.35 U	1.9 U	3.7 R	0.38 U	3.7 U	1.7 U
2,4-DIMETHYLPHENOL	MG/KG									3.6 U	0.36 U	0.35 U	1.9 U	3.7 R	0.38 U	3.7 U	1.7 U
2,4-DINITROPHENOL	MG/KG									18 UJ	1.7 U	1.7 U	9.4 U	18 R	1.8 U	18 U	8.4 U
2,6-DINITROTOLUENE	MG/KG									3.6 U	0.36 U	0.35 U	1.9 U	3.7 U	0.38 U	3.7 U	1.7 U
2-CHLOROPHENOL	MG/KG									3.6 U	0.36 U	0.35 U	1.9 U	3.7 R	0.38 U	3.7 U	1.7 U
2-METHYLNAPHTHALENE	MG/KG		0.24							3.6 U	0.039 J	0.16 J	1.2 J	3.7 U	0.38 U	3.7 U	0.096 J
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	3.6 U	0.36 U	0.35 U	1.9 U	3.7 R	0.38 U	3.7 U	1.7 U
3,3'-DICHLOROBENZIDINE	MG/KG									18 U	1.7 U	1.7 U	9.4 U	18 U	1.8 U	18 U	8.4 U
3-NITROANILINE	MG/KG									18 U	1.7 U	1.7 U	9.4 U	18 U	1.8 U	18 U	8.4 U
4-CHLORO-3-METHYLPHENOL	MG/KG									3.6 U	0.36 U	0.35 U	1.9 U	3.7 R	0.38 U	3.7 U	1.7 U
4-CHLOROANILINE	MG/KG									3.6 U	0.36 U	0.35 U	1.9 U	3.7 U	0.38 U	3.7 U	1.7 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	3.6 U	0.36 U	0.35 U	1.9 U	3.7 R	0.38 U	3.7 U	1.7 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	3.6 U	0.36 U	0.35 U	0.8 J	3.7 U	0.38 U	3.7 U	2.6
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	3.6 U	0.36 U	0.041 J	1.8 J	3.7 U	0.38 U	3.7 U	0.45 J
ACETOPHENONE	MG/KG									3.6 U	0.36 U	0.35 U	1.9 U	3.7 U	0.38 U	3.7 U	1.7 U
ANILINE	MG/KG			1,000	55	100		0.46	28	3.6 U	0.36 U	0.35 U	1.9 U	3.7 U	1.3	3.7 U	1.7 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	0.15 J	0.36 U	0.028 J	3.6	0.39 J	0.38 U	0.3 J	2.5
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	0.43 J	0.029 J	0.028 J	8	1.4 J	0.06 J	1.8 J	6.1
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	0.48 J	0.029 J	0.027 J	6.3	1.5 J	0.06 J	1.5 J	2.5
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	0.68 J	0.046 J	0.062 J	9.2	2.5 J	0.14 J	2.8 J	6.5

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

Created by: BCG
Checked by: NF

Table 3
Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

			NY SOIL CLEANUP OBJECTIVES						Area Location	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
									Sample Date	TB-A17	TB-A18	TB-A18	TB-A19	TB-A19	TB-A20	TB-A20	TB-A21
									Sample ID	01/04/07	01/09/07	01/09/07	01/11/07	01/11/07	01/05/07	01/05/07	01/11/07
										TB-A17-SURFACE	TB-A18-0506	TB-A18-SURFACE	TB-A19-0304	TB-A19-SURFACE	TB-A20-0304	TB-A20-SURFACE	TB-A21-0405
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**								
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	0.28 J	0.025 J	0.025 J	2.7	0.95 J	0.037 J	0.67 J	0.76 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	0.26 J	0.36 U	0.35 U	3	0.87 J	0.38 U	3.7 U	1.7 U
BIPHENYL	MG/KG									3.6 U	0.36 U	0.35 U	0.32 J	3.7 U	0.02 J	3.7 U	1.7 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									3.6 U	0.2 J	0.061 J	1.9 U	3.7 U	0.38 U	3.7 U	0.46 J
BUTYLBENZYL PHTHALATE	MG/KG									3.6 U	0.36 U	0.35 U	1.9 U	3.7 U	0.38 U	3.7 U	1.7 U
CAPROLACTAM	MG/KG									3.6 U	0.36 U	0.35 U	1.9 UJ	3.7 UJ	0.24 J	3.7 UJ	1.7 UJ
CARBAZOLE	MG/KG									3.6 U	0.36 U	0.35 U	0.99 J	0.25 J	0.38 U	3.7 U	0.72 J
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	0.41 J	0.03 J	0.036 J	6.6	1.5 J	0.14 J	1.6 J	5.8
DI-N-BUTYL PHTHALATE	MG/KG									3.6 U	0.36 U	0.35 U	1.9 U	3.7 U	0.38 U	3.7 U	1.7 U
DI-N-OCTYL PHTHALATE	MG/KG									3.6 U	0.36 U	0.35 U	1.9 U	3.7 U	0.38 U	3.7 U	1.7 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	3.6 U	0.36 U	0.35 U	0.97 J	0.27 J	0.38 U	0.22 J	0.28 J
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	3.6 U	0.019 J	0.078 J	1.8 J	3.7 U	0.38 U	3.7 U	0.89 J
DIETHYL PHTHALATE	MG/KG									3.6 U	0.36 U	0.35 U	1.9 U	3.7 U	0.38 U	3.7 U	1.7 U
DIMETHYL PHTHALATE	MG/KG									3.6 U	0.36 U	0.35 U	1.9 U	3.7 U	0.38 U	3.7 U	1.7 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	0.72 J	0.039 J	0.043 J	16	3.1 J	0.084 J	3.4 J	27
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	3.6 U	0.36 U	0.085 J	2.4	0.23 J	0.38 U	3.7 U	1.7
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	3.6 U	0.36 U	0.35 U	1.9 U	3.7 U	0.38 U	3.7 U	1.7 U
HEXACHLOROBUTADIENE	MG/KG									3.6 U	0.36 U	0.35 U	1.9 U	3.7 U	0.38 U	3.7 U	1.7 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	0.22 J	0.023 J	0.018 J	2.5	0.84 J	0.032 J	0.7 J	0.76 J
N-NITROSODIPHENYLAMINE	MG/KG									0.44 J	0.36 U	0.35 U	1.9 U	3.7 U	0.056 J	3.7 U	1.7 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	3.6 U	0.18 J	0.77	1.9	3.7 U	0.032 J	3.7 U	1.7 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	3.6 U	0.36 U	0.35 U	1.9 U	3.7 U	0.14 J	3.7 U	1.7 U
O-NITROANANILINE	MG/KG									18 U	1.7 U	1.7 U	9.4 U	18 U	1.8 U	18 U	8.4 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	0.53 J	0.027 J	0.086 J	12	1.9 J	0.09 J	1.2 J	7.3
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	3.6 U	0.36 U	0.35 U	1.9 U	3.7 R	0.38 U	3.7 U	1.7 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	0.56 J	0.034 J	0.032 J	9.9	1.9 J	0.065 J	2.4 J	17
VOCs																	
ETHANOL	MG/KG																
1,2,4-TRIMETHYLBENZENE	MG/KG			380	47	52	190	3.6	3.6								
1,3,5-TRIMETHYLBENZENE	MG/KG			380	47	52	190	8.4	8.4								
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06								
BUTYLBENZENE	MG/KG			1,000	100	100	500	12	12								
ETHYLBENZENE	MG/KG			780	30	41	390	1	1								
ISOPROPYLBENZENE	MG/KG																
M-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
NAPHTHALENE	MG/KG			1,000	100	100	500	12	12								
O-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7								
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.004 U	0.004 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.004 U	0.004 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.004 U	0.004 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.004 U	0.004 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.004 U	0.004 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.004 U	0.004 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.004 U	0.004 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.026 U	0.026 U	0.024 U	0.026 U	0.025 U	0.028 U	0.022 U	0.021 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.012 J	0.026 U	0.024 U	0.026 U	0.025 U	0.028 U	0.022 U	0.021 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.004 U	0.004 U
CARBON DISULFIDE	MG/KG									0.005 U	0.005 U	0.005 U	0.002 J	0.005 U	0.006 U	0.004 U	0.004 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.006 UJ	0.004 UJ	0.004 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.004 U	0.004 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.002 J	0.004 U	0.002 J
CHLOROMETHANE	MG/KG									0.011 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.009 U	0.008 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.004 U	0.004 U
CYCLOHEXANE	MG/KG									0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.004 U	0.004 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.004 U	0.004 U
ISOPROPYLBENZENE	MG/KG									0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.004 U	0.004 U

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Checked by: NF

Table 3
Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
									Sample Date	TB-A21 01/11/07	TB-A22 01/05/07	TB-A22 01/12/07	TB-A23 01/05/07	TB-A23 01/05/07	TB-A24 01/03/07	TB-A25 01/03/07	TB-A26 01/04/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Sample ID	TB-A21-SURFACE	TB-A22-SURFACE	TB-A22-0406	TB-A23-0506	TB-A23-SURFACE	TB-A24-SURFACE	TB-A25-SURFACE	TB-A26-0102
METAL									Unrestricted								
CYANIDE	MG/KG			10,000	27	27	27	40	27	1 U	1 UJ	1.1 U	0.76 UJ	1.1 UJ	1.1 UJ	0.82 UJ	1.2 UJ
ALUMINUM	MG/KG									5610	8170	6320 J	7820	8160	6310 J	2480 J	9360 J
ANTIMONY	MG/KG									16.3 R	16 U	16.7 UJ	15.5 U	17.3 U	16.8 UJ	14.8 UJ	19.4 U
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	6 J	13.6	8.8	11.9	10.2	5.5	3	100 J
BARIUM	MG/KG	433		10,000	350	400	400	820	350	60.1 J	105	170 R	33.3	426	29.1	24.3	99.9 J
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.44	0.56	0.37	0.26	0.47	0.33	0.24	0.47
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.63 J	0.47	0.49	0.54	1.1	0.36	0.32	3.8
CALCIUM	MG/KG									95600	46400	56600	95300	66400	69800	164000	2180
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	24.6 J	89.9	73 J	70.2	29.5	13.4 J	9.7 J	16.3 J
COBALT	MG/KG									3.8 J	5.9	5.1	10.2	4.6	6.7	2	8.1
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	53.1 J	71.4	31.5 R	253	33.8	31.8	16	30.3 J
IRON	MG/KG									14700 J	26200	20300	102000	24700	17100	6390	18300
LEAD	MG/KG	63		3,900	400	400	1000	450	63	94.9 J	198	195	372	172	11.9 J	30.7 J	26.9 J
MAGNESIUM	MG/KG									9110	6970	6880 J	33100	17600	7130	25500	3440
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	365	1410	1360	574	488	478	293	159
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	3.7 J	0.061	0.07	0.267	0.622	0.021 J	0.134 J	0.08 J
NICKEL	MG/KG	30		10,000	140	310	310	130	30	17 J	28	54.6 J	99.7	18.7	21.5	11.1	24.6 J
POTASSIUM	MG/KG									901 J	990	815	327	1030	1120	654	1250
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	4.3 U	4.3 U	4.5 U	4.1 U	4.6 U	4.5 U	4 U	5.2 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.54 U	0.53 U	0.56 U	0.52 U	0.58 U	0.56 U	0.49 U	0.65 U
SODIUM	MG/KG									446 J	150 U	195	416	378	157 U	236	843
THALLIUM	MG/KG									6.5 UJ	6.4 U	6.7 U	6.2 U	6.9 U	6.7 U	5.9 U	7.8 U
VANADIUM	MG/KG									19.6 J	49.9	37.7 J	16.6	23.8	13.6	11.8	16.5 J
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	114 J	204	182 R	248	414	76.8 J	91.1 J	1260
SVOCs																	
1-METHYL-2,4-DINITROBENZENE	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
2,4,5-TRICHLOROPHENOL	MG/KG									8.4 U	9.2 U	4.7 U	4.3 U	8.7 U	0.88 U	8.2 U	4 U
2,4-DICHLOROPHENOL	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 U	1.7 U
2,4-DIMETHYLPHENOL	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 U	1.7 U
2,4-DINITROPHENOL	MG/KG									17 U	18 U	9.4 UJ	8.6 U	17 U	1.8 U	16 U	8.1 UJ
2,6-DINITROTOLUENE	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
2-CHLOROPHENOL	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 U	1.7 U
2-METHYLNAPHTHALENE	MG/KG		0.24							3.5 U	3.8 U	0.076 J	0.096 J	0.27 J	0.36 U	3.4 UJ	1.7 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 U	1.7 U
3,3'-DICHLOROBENZIDINE	MG/KG									17 U	18 U	9.4 U	8.6 U	17 U	1.8 U	16 UJ	8.1 U
3-NITROANILINE	MG/KG									17 U	18 U	9.4 U	8.6 U	17 U	1.8 U	16 UJ	8.1 U
4-CHLORO-3-METHYLPHENOL	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 U	1.7 U
4-CHLOROANILINE	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 U	1.7 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	3.5 U	3.8 U	0.33 J	0.35 J	1.2 J	0.36 U	3.4 UJ	1.7 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	3.5 U	3.8 U	1.9 U	1.8 U	0.47 J	0.36 U	3.4 UJ	1.7 U
ACETOPHENONE	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
ANILINE	MG/KG			1,000	55	100		0.46	28	3.5 U	3.8 U	1.9 UJ	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	0.21 J	0.19 J	0.77 J	0.85 J	3 J	0.36 U	3.4 UJ	0.068 J
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	0.86 J	0.78 J	2.1	4.1	9.3	0.02 J	0.45 J	0.09 J
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	0.88 J	0.79 J	1.6 J	3.3	7.5	0.021 J	0.61 J	1.7 U
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	1.2 J	1.4 J	2.3	6.7	13	0.04 J	0.95 J	0.051 J

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Table 3
Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
									Sample Date	TB-A21	TB-A22	TB-A22	TB-A23	TB-A23	TB-A24	TB-A25	TB-A26
									Sample ID	01/11/07	01/05/07	01/12/07	01/05/07	01/05/07	01/03/07	01/03/07	01/04/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	TB-A21-SURFACE	TB-A22-SURFACE	TB-A22-0406	TB-A23-0506	TB-A23-SURFACE	TB-A24-SURFACE	TB-A25-SURFACE	TB-A26-0102
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	0.44 J	0.4 J	0.88 J	1.6 J	3.2 J	0.36 U	0.48 J	1.7 U
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	0.5 J	3.8 U	0.64 J	1.8 U	3.6 U	0.36 U	0.44 J	1.7 U
BIPHENYL	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
BUTYLBENZYL PHTHALATE	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
CAPROLACTAM	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
CARBAZOLE	MG/KG									3.5 UJ	3.8 UJ	1.9 U	1.8 UJ	3.6 UJ	0.36 UJ	3.4 UJ	1.7 U
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	3.5 U	3.8 U	0.38 J	0.46 J	1.2 J	0.36 U	3.4 UJ	1.7 U
DI-N-BUTYL PHTHALATE	MG/KG									0.83 J	0.74 J	1.8 J	3.7	8.2	0.022 J	0.5 J	0.069 J
DI-N-OCTYL PHTHALATE	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	3.5 U	3.8 U	0.22 J	0.55 J	0.95 J	0.36 U	3.4 UJ	1.7 U
DIETHYL PHTHALATE	MG/KG									3.5 U	3.8 U	0.2 J	0.18 J	0.47 J	0.36 U	3.4 UJ	1.7 U
DIMETHYL PHTHALATE	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	1.6 J	1.5 J	4.6	6.4	18	0.03 J	0.97 J	0.1 J
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	3.5 U	3.8 U	0.32 J	0.34 J	1.1 J	0.36 U	3.4 UJ	1.7 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
HEXACHLOROBUTADIENE	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	0.38 J	0.39 J	0.78 J	1.4 J	2.9 J	0.36 U	0.33 J	1.7 U
N-NITROSODIPHENYLAMINE	MG/KG									3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	3.5 U	3.8 U	0.14 J	0.2 J	0.35 J	0.36 U	3.4 UJ	1.7 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	3.5 U	3.8 U	0.14 J	1.8 U	3.6 U	0.36 U	3.4 UJ	1.7 U
O-NITROANANILINE	MG/KG									17 U	18 U	9.4 U	8.6 U	17 U	1.8 U	16 UJ	8.1 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	0.94 J	0.84 J	3.6	3.7	12	0.36 U	0.28 J	0.05 J
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	3.5 U	3.8 U	1.9 U	1.8 U	3.6 U	0.36 U	3.4 U	1.7 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	1 J	1.1 J	3.5	5	13	0.36 U	0.59 J	0.12 J
VOCs																	
ETHANOL	MG/KG																
1,2,4-TRIMETHYLBENZENE	MG/KG			380	47	52	190	3.6	3.6								
1,3,5-TRIMETHYLBENZENE	MG/KG			380	47	52	190	8.4	8.4								
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06								
BUTYLBENZENE	MG/KG			1,000	100	100	500	12	12								
ETHYLBENZENE	MG/KG			780	30	41	390	1	1								
ISOPROPYLBENZENE	MG/KG																
M-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
NAPHTHALENE	MG/KG			1,000	100	100	500	12	12								
O-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7								
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.006 U	0.005 U	0.005 U	0.005 U	0.004 U	0.005 U	0.004 U	0.005 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.006 U	0.005 U	0.005 U	0.005 U	0.004 U	0.005 U	0.004 U	0.005 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.006 U	0.005 U	0.005 U	0.005 U	0.004 U	0.014	0.004 U	0.005 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.006 U	0.005 U	0.005 U	0.005 U	0.004 U	0.005 U	0.004 U	0.017
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.006 U	0.005 U	0.005 U	0.005 U	0.004 U	0.005 U	0.004 U	0.005 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.006 U	0.005 U	0.005 U	0.005 U	0.004 U	0.002 J	0.004 U	0.005 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.006 U	0.005 U	0.005 U	0.005 U	0.004 U	0.003 J	0.004 U	0.004 J
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.03 U	0.023 U	0.027 U	0.024 U	0.022 U	0.024 U	0.019 U	0.026 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.03 U	0.023 U	0.027 U	0.024 U	0.01 J	0.024 U	0.019 U	0.026 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.006 U	0.005 U	0.005 U	0.005 U	0.004 U	0.005 U	0.004 U	0.005 U
CARBON DISULFIDE	MG/KG									0.006 U	0.005 U	0.005 U	0.005 U	0.004 U	0.005 U	0.004 U	0.005 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.003 J	0.005 UJ	0.005 U	0.005 UJ	0.004 UJ	0.005 UJ	0.004 UJ	0.005 UJ
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.006 U	0.001 J	0.005 U	0.005 U	0.004 U	0.005 U	0.004 U	0.006
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.023	0.005 U	0.005 U	0.005 U	0.004 U	0.005 U	0.004 U	0.005 U
CHLOROMETHANE	MG/KG									0.012 U	0.009 U	0.011 U	0.01 U	0.009 U	0.01 U	0.007 U	0.01 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.006 U	0.005 U	0.005 U	0.005 U	0.004 U	0.005 U	0.004 U	0.005 U
CYCLOHEXANE	MG/KG									0.006 U	0.005 U	0.005 U	0.005 U	0.004 U	0.005 U	0.004 U	0.005 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.006 U	0.005 U	0.005 U	0.005 U	0.004 U	0.005 U	0.004 U	0.005 U
ISOPROPYLBENZENE	MG/KG									0.006 U	0.005 U	0.005 U	0.005 U	0.004 U	0.005 U	0.004 U	0.005 U

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Table 3
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Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
									Sample Date	TB-A26	TB-A27	TB-A27	TB-A28	TB-A28	TB-A29	TB-A29	TB-A30
									Sample ID	01/04/07	01/04/07	01/04/07	01/04/07	01/04/07	01/04/07	01/04/07	01/04/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	TB-A26-SURFACE	TB-A27-0506	TB-A27-SURFACE	TB-A28-0102	TB-A28-SURFACE	TB-A29-0607	TB-A29-SURFACE	TB-A30-0304
METAL																	
CYANIDE	MG/KG			10,000	27	27	27	40	27	0.74 UJ	1.5 UJ	0.75 UJ	0.94 UJ	0.7 UJ	1.8 J	0.88 UJ	0.74 UJ
ALUMINUM	MG/KG									1600 J	8170 J	3930 J	3030 J	2830 J	6570	8760 J	8770 J
ANTIMONY	MG/KG									15.4 U	26.1 J	16 U	19.3 J	14.4 U	17.1 U	17.4 U	15.6 U
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	28.7 J	425 J	643 J	17.3 J	4.8 J	52.4	55.4 J	21.4 J
BARIUM	MG/KG	433		10,000	350	400	400	820	350	25.3 J	110 J	56.9 J	47.8 J	27.2 J	287	167 J	116 J
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.25	0.88	0.29	0.46	0.42	0.91	1.2	1.2
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.85	8.4	3.6	0.66	0.25	1.9	1.8	0.71
CALCIUM	MG/KG									201000	30500	34000	73900	175000	110000	29900	29200
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	9.4 J	1470 J	63.4 J	87 J	26.6 J	219	218 J	39.7 J
COBALT	MG/KG									2.1	13.9	4.4	5	2.4	10.1	8.1	5.9
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	35.1 J	1100 J	120 J	148 J	39.2 J	314	358 J	58.8 J
IRON	MG/KG									7710	208000	25000	28900	12300	25300	30300	25900
LEAD	MG/KG	63		3,900	400	400	1000	450	63	87 J	844 J	809 J	364 J	98.5 J	762	564 J	295 J
MAGNESIUM	MG/KG									7660	8870	6670	5080	7050	4440	6660	3890
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	116	887	261	294	327	2910	2210	303
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	4.9 J	11.4 J	6.8 J	1.3 J	0.61 J	2.5	2 J	1.2 J
NICKEL	MG/KG	30		10,000	140	310	310	130	30	8.5 J	54.2 J	24.8 J	23.4 J	15.7 J	24	22.6 J	20.3 J
POTASSIUM	MG/KG									587	865	759	535	451	1090	943	788
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	4.1 U	5.9 U	4.3 U	4.1 U	3.8 U	4.6 U	4.7 U	4.2 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.51 U	0.74 U	0.53 U	0.52 U	0.48 U	0.57 U	0.58 U	0.52 U
SODIUM	MG/KG									277	495	191	168	197	333	363	424
THALLIUM	MG/KG									6.1 U	8.8 U	6.4 U	6.2 U	5.8 U	6.9 U	7 U	6.2 U
VANADIUM	MG/KG									5.7 J	83.5 J	11.9 J	15.3 J	17.2 J	17.1	17.9 J	15.8 J
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	224	2460	1530	313	127	834	1080	918
SVOCs																	
1-METHYL-2,4-DINITROBENZENE	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
2,4,5-TRICHLOROPHENOL	MG/KG									8.9 U	12 U	9 U	8.3 U	79 U	18 U	89 U	8.9 U
2,4-DICHLOROPHENOL	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
2,4-DIMETHYLPHENOL	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
2,4-DINITROPHENOL	MG/KG									18 UJ	24 UJ	18 UJ	17 UJ	160 UJ	36 UJ	180 UJ	18 UJ
2,6-DINITROTOLUENE	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
2-CHLOROPHENOL	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
2-METHYLNAPHTHALENE	MG/KG		0.24							3.7 U	5 U	0.24 J	0.17 J	33 U	7.5 U	1.2 J	3.7 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
3,3'-DICHLOROBENZIDINE	MG/KG									18 U	24 U	18 U	17 U	160 U	36 U	180 U	18 U
3-NITROANILINE	MG/KG									18 U	24 U	18 U	17 U	160 U	36 U	180 U	18 U
4-CHLORO-3-METHYLPHENOL	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
4-CHLOROANILINE	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	0.11 J	5 U	0.88 J	3.4 U	3 J	7.5 U	2.9 J	3.7 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	3.7 U	5 U	0.67 J	0.12 J	33 U	0.96 J	2.1 J	3.7 U
ACETOPHENONE	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
ANILINE	MG/KG			1,000	55	100		0.46	28	3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	0.39 J	5 U	2.7 J	0.14 J	3.8 J	0.61 J	7.8 J	0.14 J
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	1.2 J	0.47 J	7.9	0.73 J	11 J	2.9 J	18 J	1.1 J
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	1.7 J	0.57 J	7.3	0.78 J	9.5 J	3.2 J	14 J	1.2 J
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	1.7 J	0.79 J	10	1.2 J	15 J	4.4 J	17 J	2 J

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Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

Parameter	Units	NY SOIL CLEANUP OBJECTIVES							Area Location	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
		Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Sample Date	TB-A26	TB-A27	TB-A27	TB-A28	TB-A28	TB-A29	TB-A29	TB-A30
									Sample ID	01/04/07	01/04/07	01/04/07	01/04/07	01/04/07	01/04/07	01/04/07	01/04/07
									Unrestricted	TB-A26-SURFACE	TB-A27-0506	TB-A27-SURFACE	TB-A28-0102	TB-A28-SURFACE	TB-A29-0607	TB-A29-SURFACE	TB-A30-0304
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	0.96 J	0.3 J	3.1 J	0.49 J	5 J	2.4 J	6.2 J	0.91 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	0.64 J	0.28 J	3.6 J	0.42 J	5.4 J	1.4 J	15 J	0.5 J
BIPHENYL	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
BUTYLBENZYL PHTHALATE	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
CAPROLACTAM	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 UJ	37 U	3.7 U
CARBAZOLE	MG/KG									0.21 J	5 U	0.9 J	3.4 U	4.4 J	7.5 U	2.6 J	3.7 U
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	0.98 J	0.51 J	7.3	0.65 J	14 J	2.5 J	16 J	1.2 J
DI-N-BUTYL PHTHALATE	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
DI-N-OCTYL PHTHALATE	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	0.23 J	5 U	0.99 J	0.13 J	1.4 J	0.85 J	1.9 J	0.17 J
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	3.7 U	5 U	0.59 J	3.4 U	2.2 J	7.5 U	2.6 J	3.7 U
DIETHYL PHTHALATE	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
DIMETHYL PHTHALATE	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	2.2 J	0.62 J	16	0.77 J	33	3.7 J	32 J	1.4 J
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	0.079 J	5 U	0.97 J	3.4 U	2.6 J	7.5 U	3.5 J	3.7 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
HEXACHLOROBUTADIENE	MG/KG									3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	0.86 J	0.28 J	2.9 J	0.45 J	4.8 J	2.2 J	5.4 J	0.75 J
N-NITROSODIPHENYLAMINE	MG/KG									3.7 U	0.45 J	0.42 J	3.4 U	33 U	7.5 U	37 U	3.7 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	3.7 U	0.17 J	0.48 J	0.18 J	1.2 J	7.5 U	5.5 J	3.7 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
O-NITROANANILINE	MG/KG									18 U	24 U	18 U	17 U	160 U	36 U	180 U	18 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	1.9 J	0.28 J	10	0.44 J	29 J	1.7 J	28 J	0.62 J
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	3.7 U	5 U	3.7 U	3.4 U	33 U	7.5 U	37 U	3.7 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	2.3 J	0.53 J	13	0.78 J	25 J	3.2 J	25 J	1.5 J
VOCs																	
ETHANOL	MG/KG																
1,2,4-TRIMETHYLBENZENE	MG/KG			380	47	52	190	3.6	3.6								
1,3,5-TRIMETHYLBENZENE	MG/KG			380	47	52	190	8.4	8.4								
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06								
BUTYLBENZENE	MG/KG			1,000	100	100	500	12	12								
ETHYLBENZENE	MG/KG			780	30	41	390	1	1								
ISOPROPYLBENZENE	MG/KG																
M-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
NAPHTHALENE	MG/KG			1,000	100	100	500	12	12								
O-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7								
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26								
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.004 U	0.009 U	0.004 U	0.007 U	0.005 U	0.006 U	0.006 U	0.005 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.004 U	0.009 U	0.004 U	0.007 U	0.005 U	0.006 U	0.006 U	0.005 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.004 U	0.009 U	0.004 U	0.007 U	0.005 U	0.006 U	0.006 U	0.005 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.001 J	0.009 U	0.004 U	0.007 U	0.005 U	0.006 U	0.006 U	0.005 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.004 U	0.009 U	0.004 U	0.007 U	0.005 U	0.006 U	0.006 U	0.005 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.004 U	0.009 U	0.004 U	0.007 U	0.005 U	0.006 U	0.006 U	0.005 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.004 U	0.009 U	0.004 U	0.007 U	0.005 U	0.006 U	0.006 U	0.005 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.022 U	0.013 J	0.023 U	0.034 U	0.025 U	0.031 U	0.029 U	0.026 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.022 U	0.23	0.023 U	0.034 U	0.025 U	0.031 U	0.029 U	0.026 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.004 U	0.009 U	0.004 U	0.007 U	0.005 U	0.006 U	0.006 U	0.005 U
CARBON DISULFIDE	MG/KG									0.004 U	0.009 U	0.004 U	0.007 U	0.005 U	0.006 U	0.006 U	0.005 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.004 UJ	0.009 UJ	0.004 UJ	0.007 UJ	0.005 UJ	0.006 UJ	0.006 UJ	0.005 UJ
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.004 U	0.005 J	0.004 U	0.007 U	0.005 U	0.006 U	0.006 U	0.005 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.004 U	0.009 U	0.004 U	0.006 J	0.002 J	0.006 U	0.006 U	0.005 U
CHLOROMETHANE	MG/KG									0.009 U	0.018 U	0.009 U	0.014 U	0.01 U	0.012 U	0.012 U	0.01 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.004 U	0.009 U	0.004 U	0.007 U	0.005 U	0.006 U	0.006 U	0.005 U
CYCLOHEXANE	MG/KG									0.004 U	0.009 U	0.004 U	0.007 U	0.005 U	0.006 U	0.006 U	0.005 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.004 U	0.009 U	0.004 U	0.007 U	0.005 U	0.006 U	0.006 U	0.005 U
ISOPROPYLBENZENE	MG/KG									0.004 U	0.009 U	0.004 U	0.007 U	0.005 U	0.006 U	0.006 U	0.005 U

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

Created by: BCG
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Table 3
Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
									Sample Date	TB-A30	TB-A31	TB-A31	TB-A32	TB-A33	TP-A01	TP-A02	TP-A02
									Sample ID	01/04/07	01/03/07	01/03/07	01/12/07	01/12/07	01/09/07	01/09/07	01/09/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	TB-A30-SURFACE	TB-A31-0405	TB-A31-SURFACE	TB-A32-0911	TB-A33-0709	TP-A01-SURFACE	TP-A02-0304	TP-A02-SURFACE
METAL																	
CYANIDE	MG/KG			10,000	27	27	27	40	27	0.88 UJ		0.97 UJ	1.1 U	1.2 U	0.96 U	1.1 U	0.9 U
ALUMINUM	MG/KG									1590 J	3060 J	5060 J	13200 J	8330 J	1280	7890	598
ANTIMONY	MG/KG									15.5 U	34.1 J	17.7 UJ	21.1 UJ	19 UJ	14.8 UJ	19.4 UJ	15.5 UJ
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	2.1 UJ	730	2.9	15.3	31.4	3.9	16.8	2.1 U
BARIUM	MG/KG	433		10,000	350	400	400	820	350	9.4 J	76.4	29.5	104 R	43.1 R	8.5	73.1	7.5
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.21 U	0.48	0.25	0.69	0.47	0.23	0.49	0.22
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.21 U	8.2	0.29	1	32	0.2 U	0.87	0.21 U
CALCIUM	MG/KG									99600	16900	36900	1130	3060	223000	9080	189000
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	3.4 J	28500 J	30.6 J	19.8 J	2290 J	5.5	33.7	4
COBALT	MG/KG									1.2	24.9	3.1	11.3	12.4	1.2	10.2	0.74
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	5 J	537	13.1	69.4 R	242 R	8.2	68.8	5.5
IRON	MG/KG									3940	140000	9300	38900	26800	4040	21800	2750
LEAD	MG/KG	63		3,900	400	400	1000	450	63	4.3 J	626 J	21.5 J	17.5	187	7	47.5	6.8
MAGNESIUM	MG/KG									14700	941	17300	3810 J	3510 J	4410	3500	3930
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	165	1960	277	167	160	93.5	218	97.1
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	0.01 UJ	1.8 J	0.171 J	0.05	0.12	0.08	1.2	0.03
NICKEL	MG/KG	30		10,000	140	310	310	130	30	6 J	24	7.3	29.2 J	23.6 J	8.5	28.2	4.5
POTASSIUM	MG/KG									425	1140	979	1430	1120	497 J	964 J	306 J
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	4.1 U	5.5 U	4.7 U	5.6 U	5.1 U	4 U	5.2 U	4.1 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.52 U	0.69 U	0.59 U	0.7 U	0.87	0.49 U	0.65 U	0.52 U
SODIUM	MG/KG									243	352	165 U	197 U	355	139 U	246	145 U
THALLIUM	MG/KG									6.2 U	8.3 U	7.1 U	8.4 U	7.6 U	5.9 U	7.8 U	6.2 U
VANADIUM	MG/KG									24.4 J	37.9	11.9	22.6 J	16.7 J	3.9	15.8	2
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	28.9	2520 J	71.8 J	644 R	4620 R	25.3	441	22.6
SVOCs																	
1-METHYL-2,4-DINITROBENZENE	MG/KG									34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
2,4,5-TRICHLOROPHENOL	MG/KG									83 U	11 U	0.95 U	1 U	5.3 U	0.83 U	1 U	0.82 U
2,4-DICHLOROPHENOL	MG/KG									34 U	4.5 U	0.39 U	0.43 U	0.09 J	0.34 U	0.44 U	0.34 U
2,4-DIMETHYLPHENOL	MG/KG									34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
2,4-DINITROPHENOL	MG/KG									160 UJ	22 U	1.9 U	2.1 UJ	11 UJ	1.7 U	2.1 U	1.6 U
2,6-DINITROTOLUENE	MG/KG									34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
2-CHLOROPHENOL	MG/KG									34 U	4.5 U	0.39 U	0.43 U	0.1 J	0.34 U	0.44 U	0.34 U
2-METHYLNAPHTHALENE	MG/KG		0.24							34 U	0.42 J	0.39 U	0.43 U	0.11 J	0.017 J	0.043 J	0.018 J
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
3,3'-DICHLOROBENZIDINE	MG/KG									160 U	22 U	1.9 U	2.1 U	11 U	1.7 U	2.1 U	1.6 U
3-NITROANILINE	MG/KG									160 U	22 U	1.9 U	2.1 U	11 U	1.7 U	2.1 U	1.6 U
4-CHLORO-3-METHYLPHENOL	MG/KG									34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
4-CHLOROANILINE	MG/KG									34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.15 J	0.34 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	34 U	0.65 J	0.39 U	0.43 U	0.074 J	0.34 U	0.31 J	0.34 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	34 U	0.64 J	0.39 U	0.43 U	0.09 J	0.34 U	0.19 J	0.34 U
ACETOPHENONE	MG/KG									34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
ANILINE	MG/KG			1,000	55	100		0.46	28	34 U	4.5 U	0.39 U	0.43 UJ	0.81 J	0.34 U	1.9	0.34 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	34 U	1.8 J	0.071 J	0.43 U	0.15 J	0.34 U	1.4	0.046 J
BENZO(A)ANTHRACENE	MG/KG	2.6	5.2	1.1	1	1	5.6	1	1	1.4 J	4.3 J	0.28 J	0.43 U	0.61 J	0.04 J	3.3	0.21 J
BENZO(A)PYRENE	MG/KG		9.4	11	1	1	1	22	1	1.1 J	3.5 J	0.24 J	0.43 U	0.46 J	0.037 J	2.8	0.2 J
BENZO(B)FLUORANTHENE	MG/KG						5.6	1.7	1	34 U	5.7	0.38 J	0.43 U	0.68 J	0.071 J	3.5	0.31 J

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R=Rejected value based on data validation process
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Summary of Analytical Results - Area A Soil Samples
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		NY SOIL CLEANUP OBJECTIVES							Area Location	Area A	Area A	Area A	Area A	Area A	Area A	Area A	Area A
									Sample Date	TB-A30	TB-A31	TB-A31	TB-A32	TB-A33	TP-A01	TP-A02	TP-A02
									Sample ID	01/04/07	01/03/07	01/03/07	01/12/07	01/12/07	01/09/07	01/09/07	01/09/07
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**	TB-A30-SURFACE	TB-A31-0405	TB-A31-SURFACE	TB-A32-0911	TB-A33-0709	TP-A01-SURFACE	TP-A02-0304	TP-A02-SURFACE
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	0.91 J	1.6 J	0.11 J	0.43 U	0.31 J	0.025 J	1.2	0.15 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	34 U	1.7 J	0.11 J	0.43 U	0.21 J	0.34 U	1.1	0.1 J
BIPHENYL	MG/KG									34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.054 J	0.34 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									34 U	4.5 U	0.084 J	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
BUTYLBENZYL PHTHALATE	MG/KG									34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
CAPROLACTAM	MG/KG									34 U	4.5 UJ	0.39 UJ	0.43 U	2.2 U	0.34 UJ	0.44 UJ	0.34 UJ
CARBAZOLE	MG/KG									34 U	0.97 J	0.042 J	0.43 U	0.056 J	0.34 U	0.14 J	0.018 J
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	1.4 J	3.7 J	0.24 J	0.43 U	0.44 J	0.083 J	2.7	0.22 J
DI-N-BUTYL PHTHALATE	MG/KG									34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
DI-N-OCTYL PHTHALATE	MG/KG									34 U	4.5 U	0.39 U	0.026 J	2.2 U	0.34 U	0.44 U	0.34 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	34 U	0.51 J	0.034 J	0.43 U	0.09 J	0.34 U	0.35 J	0.036 J
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	34 U	0.89 J	0.39 U	0.43 U	0.1 J	0.34 U	0.25 J	0.34 U
DIETHYL PHTHALATE	MG/KG									34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
DIMETHYL PHTHALATE	MG/KG									34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	2.6 J	11	0.58	0.43 U	0.99 J	0.072 J	8.9	0.38
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	34 U	1.1 J	0.024 J	0.43 U	0.16 J	0.34 U	0.64	0.34 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
HEXACHLOROBUTADIENE	MG/KG									34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	34 U	1.5 J	0.1 J	0.43 U	0.29 J	0.021 J	1.1	0.12 J
N-NITROSODIPHENYLAMINE	MG/KG									34 U	4.5 U	0.39 U	0.43 U	1 J	0.34 U	0.16 J	0.34 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	34 U	0.85 J	0.39 U	0.43 U	0.61 J	0.34 U	0.16 J	0.34 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.44 U	0.34 U
O-NITROANANILINE	MG/KG									160 U	22 U	1.9 U	2.1 U	11 U	1.7 U	2.1 U	1.6 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	2.4 J	9.7	0.32 J	0.43 U	0.76 J	0.082 J	4.9	0.17 J
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	34 U	4.5 U	0.39 U	0.43 U	2.2 U	0.34 U	0.18 J	0.34 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	1.7 J	6.5	0.36 J	0.43 U	0.82 J	0.06 J	5.4	0.28 J
VOCs																	
ETHANOL	MG/KG													1.3 U			
1,2,4-TRIMETHYLBENZENE	MG/KG			380	47	52	190	3.6	3.6				0.0028 U			0.014 U	
1,3,5-TRIMETHYLBENZENE	MG/KG			380	47	52	190	8.4	8.4				0.00035 J			0.12	
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06				0.0014 U			0.019	
BUTYLBENZENE	MG/KG			1,000	100	100	500	12	12				0.00033 J			0.014 U	
ETHYLBENZENE	MG/KG			780	30	41	390	1	1				0.0028 U			0.014 R	
ISOPROPYLBENZENE	MG/KG			-									0.0028 U			0.014 U	
M-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26				0.00078 J			0.17	
NAPHTHALENE	MG/KG			1,000	100	100	500	12	12				0.0015 J			0.11	
O-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26				0.0028 U			0.015	
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7				0.00034 J			0.034	
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26				0.00078 J			0.19	
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.006 U	0.006 U	0.006 U	0.006 U	3.1 U	0.004 U	0.006 UJ	0.005 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.006 U	0.006 U	0.006 U	0.006 U	3.1 U	0.004 U	0.006 UJ	0.005 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.006 U	0.006 U	0.006 U	0.006 U	3.1 U	0.004 U	0.006 UJ	0.005 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.006 U	0.006 U	0.006 U	0.001 J	1800	0.004 U	0.77	0.005 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.006 U	0.006 U	0.006 U	0.006 U	3.1 U	0.004 U	0.006 UJ	0.005 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.006 U	0.006 U	0.006 U	0.006 U	26	0.004 U	0.002 J	0.005 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.006 U	0.006 U	0.006 U	0.006 U	140	0.004 U	1.2	0.005 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.03 U	0.029 U	0.03 U	0.013 J	15 U	0.021 U	0.032 UJ	0.023 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.016 J	0.029 U	0.03 U	0.081	15 U	0.021 U	0.02 J	0.023 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.006 U	0.006 U	0.006 U	0.006 U	5.9	0.004 U	0.006 UJ	0.005 U
CARBON DISULFIDE	MG/KG									0.006 U	0.006 U	0.006 U	0.006 U	3.1 U	0.004 U	0.006 UJ	0.005 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.006 UJ	0.006 UJ	0.006 UJ	0.006 U	3.1 U	0.004 U	0.006 UJ	0.005 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.006 U	0.006 U	0.006 U	0.021	270	0.004 U	6.2	0.005 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.006 U	0.006 U	0.006 U	0.006 U	3.1 U	0.004 U	0.006 UJ	0.005 U
CHLOROMETHANE	MG/KG									0.012 U	0.012 U	0.012 U	0.012 U	6.2 U	0.008 U	0.013 UJ	0.009 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.006 U	0.006 U	0.006 U	0.006 U	3.1 U	0.004 U	0.006 UJ	0.005 U
CYCLOHEXANE	MG/KG									0.006 U	0.006 U	0.006 U	0.006 U	3.1 U	0.004 U	0.006 UJ	0.005 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.006 U	0.006 U	0.006 U	0.006 U	3.1 U	0.004 U	0.006 UJ	0.005 U
ISOPROPYLBENZENE	MG/KG									0.006 U	0.006 U	0.006 U	0.006 U	3.1 U	0.004 U	0.006 UJ	0.005 U

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

Created by: BCG
Checked by: NF

Table 3
Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area A TP-A04	Area A TP-A04
									Sample Date	01/09/07	01/09/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Sample ID	TP-A04-0304	TP-A04-SURFACE
METAL									Unrestricted		
CYANIDE	MG/KG			10,000	27	27	27	40	27	1.2 U	1 U
ALUMINUM	MG/KG									8290	3350
ANTIMONY	MG/KG									74.2 J	17.5 UJ
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	48.5	20.7
BARIUM	MG/KG	433		10,000	350	400	400	820	350	108	37.3
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.67	0.27
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.98	0.66
CALCIUM	MG/KG									67000	84600
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	547	47
COBALT	MG/KG									7.1	3.4
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	154	52
IRON	MG/KG									39800	16300
LEAD	MG/KG	63		3,900	400	400	1000	450	63	269	137
MAGNESIUM	MG/KG									5560	26000
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	578	289
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	1.3	0.32
NICKEL	MG/KG	30		10,000	140	310	310	130	30	28.1	16.4
POTASSIUM	MG/KG									1200 J	817 J
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	5 U	4.7 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.62 U	0.58 U
SODIUM	MG/KG									490	163 U
THALLIUM	MG/KG									7.5 U	7 U
VANADIUM	MG/KG									45.3	10.2
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	537	238
SVOCs											
1-METHYL-2,4-DINITROBENZENE	MG/KG									4 U	3.6 U
2,4,5-TRICHLOROPHENOL	MG/KG									9.8 U	8.9 U
2,4-DICHLOROPHENOL	MG/KG									4 U	3.6 U
2,4-DIMETHYLPHENOL	MG/KG									4 U	3.6 U
2,4-DINITROPHENOL	MG/KG									20 U	18 U
2,6-DINITROTOLUENE	MG/KG									4 U	3.6 U
2-CHLOROPHENOL	MG/KG									4 U	3.6 U
2-METHYLNAPHTHALENE	MG/KG		0.24							4 U	0.2 J
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	4 U	3.6 U
3,3'-DICHLOROBENZIDINE	MG/KG									20 U	18 U
3-NITROANILINE	MG/KG									20 U	18 U
4-CHLORO-3-METHYLPHENOL	MG/KG									4 U	3.6 U
4-CHLOROANILINE	MG/KG									4 U	3.6 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	4 U	3.6 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	4 U	0.47 J
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	4 U	0.41 J
ACETOPHENONE	MG/KG									4 U	3.6 U
ANILINE	MG/KG			1,000	55	100		0.46	28	4 U	3.6 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	0.58 J	1.4 J
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	1.2 J	3.2 J
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	1.4 J	3 J
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	2.8 J	5.2

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 3
Summary of Analytical Results - Area A Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area A	Area A
									Sample Date	TP-A04 01/09/07	TP-A04 01/09/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Sample ID / Unrestricted	TP-A04-0304	TP-A04-SURFACE
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	0.94 J	1.6 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	4 U	3.6 U
BIPHENYL	MG/KG									4 U	3.6 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									4 U	3.6 U
BUTYLBENZYL PHTHALATE	MG/KG									4 U	3.6 U
CAPROLACTAM	MG/KG									4 UJ	3.6 UJ
CARBAZOLE	MG/KG									4 U	0.41 J
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	1.3 J	3 J
DI-N-BUTYL PHTHALATE	MG/KG									4 U	3.6 U
DI-N-OCTYL PHTHALATE	MG/KG									4 U	3.6 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	0.26 J	0.45 J
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	4 U	0.41 J
DIETHYL PHTHALATE	MG/KG									4 U	3.6 U
DIMETHYL PHTHALATE	MG/KG									4 U	3.6 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	2.5 J	6.8
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	4 U	0.65 J
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	4 U	2.3 J
HEXACHLOROBUTADIENE	MG/KG									4 U	3.6 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	0.85 J	1.5 J
N-NITROSODIPHENYLAMINE	MG/KG									4 U	0.48 J
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	4 U	0.44 J
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	4 U	3.6 U
O-NITROANANILINE	MG/KG									20 U	18 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	1.5 J	4.6
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	4 U	3.6 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	1.8 J	5.2
VOCs											
ETHANOL	MG/KG									1.2 U	1.3 U
1,2,4-TRIMETHYLBENZENE	MG/KG			380	47	52	190	3.6	3.6		
1,3,5-TRIMETHYLBENZENE	MG/KG			380	47	52	190	8.4	8.4		
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06		
BUTYLBENZENE	MG/KG			1,000	100	100	500	12	12		
ETHYLBENZENE	MG/KG			780	30	41	390	1	1		
ISOPROPYLBENZENE	MG/KG										
M-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26		
NAPHTHALENE	MG/KG			1,000	100	100	500	12	12		
O-XYLENE	MG/KG	0.26		1,000	100	100	500	1.6	0.26		
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7		
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26		
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.006 U	0.006 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.006 U	0.006 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.011	0.006 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.05	0.006 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.006 U	0.006 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.004 J	0.006 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.013	0.006 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.028 U	0.029 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.024 J	0.029 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.022	0.006 U
CARBON DISULFIDE	MG/KG									0.006 U	0.006 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.006 U	0.006 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.056	0.006 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.006 U	0.006 U
CHLOROMETHANE	MG/KG									0.011 U	0.012 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.006 U	0.006 U
CYCLOHEXANE	MG/KG									0.006 U	0.006 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.006 U	0.006 U
ISOPROPYLBENZENE	MG/KG									0.006 U	0.006 U

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 4
Summary of Analytical Results - Area B Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES								Area Location	Area B	Area B	Area B	Area B	Area B	Area B	Area B
										Sample Date	TB-B01	TB-B01	TB-B02	TB-B02	TB-B03	TB-B03	TB-B04
										Sample ID	01/05/07	01/05/07	01/05/07	01/05/07	01/08/07	01/08/07	01/08/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted		TB-B01-0102	TB-B01-SURFACE	TB-B02-0203	TB-B02-SURFACE	TB-B03-0607	TB-B03-SURFACE	TB-B04-0506
METALS																	
CYANIDE	MG/KG			10,000	27	27	27	40	27		1.2 U	1 U	0.71 U	0.74 U	1 UJ	0.76 UJ	0.9 UJ
ALUMINUM	MG/KG										5740	12500	4640	4230	1610	25900	9370
ANTIMONY	MG/KG										21.7 U	16 U	15.9 U	16 U	18.8 R	16.9 R	15.8 R
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13		55.6	3	15.1	2.1 U	7.1	5.7	9.3
BARIUM	MG/KG	433		10,000	350	400	400	820	350		142	103	77.3	24.8	35.1 J	158 J	86 J
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2		1.3	1.9	0.69	0.68	0.27 J	5.7 J	0.64 J
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5		0.84	0.21 U	1.2	0.21 U	0.88 J	0.23 UJ	0.27 J
CALCIUM	MG/KG										6470	167000	176000	189000	3780	184000	4810
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30		55.3	21.3	69.7	4.4	5.3	18.1	21.4
COBALT	MG/KG										10.1	1.5	8.7	0.65	3.5	1.6	12
COPPER	MG/KG	50		10,000	270	270	270	1,720	50		138	5.3	161	3.7	37.1	18.1	89
IRON	MG/KG										102000	19500	37400	2920	17400	9890	40400
LEAD	MG/KG	63		3,900	400	400	1000	450	63		539	2.8	234	6.6	105 J	36.8 J	310 J
MAGNESIUM	MG/KG										699	9370	10200	8700	726	38900	4000
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600		586	1410	991	287	93.1	1820	210
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18		1.1	0.019 U	0.665	0.017 U	0.13	0.23	0.62
NICKEL	MG/KG	30		10,000	140	310	310	130	30		39.4	4.5	47.1	4.3	9.2	6.1	39.1
POTASSIUM	MG/KG										574	932	653	355	311	1850	1250
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9		5.8 U	4.3 U	4.2 U	4.3 U	5 U	4.5 U	4.2 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2		0.72 U	0.53 U	0.53 U	0.53 U	0.63 U	0.56 U	0.53 U
SODIUM	MG/KG										350	446	609	185	856 J	945 J	923 J
THALLIUM	MG/KG										8.7 U	6.4 U	6.4 U	6.4 U	7.5 UJ	6.8 UJ	6.3 UJ
VANADIUM	MG/KG										25.9	13	32.8	7.1	6	9.5	23.4
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109		380	11.2	311	14.9	347 R	40.5 R	209 R
SVOCS																	
1-METHYL-2,4-DINITROBENZENE	MG/KG										2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
2,4,5-TRICHLOROPHENOL	MG/KG										5.9 U	87 U	0.84 U	84 U	1 U	4.5 U	5 U
2,4-DICHLOROPHENOL	MG/KG										2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
2,4-DIMETHYLPHENOL	MG/KG										2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
2,4-DINITROPHENOL	MG/KG										12 U	170 U	1.7 U	170 U	2 U	9 UJ	10 UJ
2,6-DINITROTOLUENE	MG/KG										2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
2-CHLOROPHENOL	MG/KG										2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
2-METHYLNAPHTHALENE	MG/KG		0.24								0.39 J	36 U	0.19 J	34 U	0.036 J	1.8 U	2.1 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33		2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
3,3'-DICHLOROBENZIDINE	MG/KG										12 U	170 U	1.7 U	170 U	2 U	9 U	10 U
3-NITROANILINE	MG/KG										12 U	170 U	1.7 U	170 U	2 U	9 U	10 U
4-CHLORO-3-METHYLPHENOL	MG/KG										2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
4-CHLOROANILINE	MG/KG										2.4 U	36 U	0.35 U	34 U	0.14 J	1.8 U	2.1 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33		2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20		2.4 U	36 U	0.14 J	34 U	0.088 J	1.8 U	2.1 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100		0.24 J	36 U	0.064 J	34 U	0.42 U	1.8 U	2.1 U
ACETOPHENONE	MG/KG										2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
ANILINE	MG/KG			1,000	55	100		0.46	28		2.4 U	36 U	0.35 U	34 U	11	1.8 U	0.69 J
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100		0.26 J	36 U	0.34 J	2.5 J	0.096 J	0.15 J	2.1 U
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1		1.1 J	36 U	1.1	4 J	0.29 J	1.6 J	2.1 U
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1		0.97 J	36 U	1	2.4 J	0.26 J	1.9	2.1 U
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1		1.5 J	36 U	1.9	4.6 J	0.46	3.8	0.11 J
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100		0.62 J	36 U	0.5	34 U	0.17 J	1.8	2.1 U
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8		0.58 J	36 U	0.35 U	34 U	0.42 U	4.2	2.1 U
BIPHENYL	MG/KG										2.4 U	36 U	0.053 J	34 U	0.42 U	1.8 U	2.1 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG										2.4 U	36 U	0.14 J	34 U	0.44	0.38 J	2.1 U
BUTYLBENZYL PHTHALATE	MG/KG										2.4 U	36 U	0.35 U	34 U	0.42 U	0.7 J	2.1 U
CAPROLACTAM	MG/KG										2.4 UJ	36 UJ	0.2 J	34 UJ	0.42 UJ	1.8 UJ	2.1 UJ
CARBAZOLE	MG/KG										0.14 J	36 U	0.16 J	34 U	0.071 J	0.12 J	2.1 U
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1		1.2 J	36 U	1.1	2.9 J	0.31 J	2	2.1 U
DI-N-BUTYL PHTHALATE	MG/KG										2.4 U	36 U	0.087 J	34 U	0.42 U	1.8 U	2.1 U
DI-N-OCTYL PHTHALATE	MG/KG										2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33		0.26 J	36 U	0.16 J	34 U	0.052 J	0.38 J	2.1 U
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7		0.17 J	36 U	0.1 J	34 U	0.046 J	1.8 U	2.1 U
DIETHYL PHTHALATE	MG/KG										2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
DIMETHYL PHTHALATE	MG/KG										2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100		2 J	2.3 J	2.4	11 J	0.71	3.9	0.12 J
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30		2.4 U	36 U	0.13 J	34 U	0.13 J	1.8 U	2.1 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33		2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
HEXACHLOROBUTADIENE	MG/KG										2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5		0.59 J	36 U	0.46	34 U	0.15 J	1.4 J	2.1 U

*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 4
Summary of Analytical Results - Area B Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area	Area B	Area B	Area B	Area B	Area B	Area B	Area B
									Location	TB-B01	TB-B01	TB-B02	TB-B02	TB-B03	TB-B03	TB-B04
									Sample Date	01/05/07	01/05/07	01/05/07	01/05/07	01/08/07	01/08/07	01/08/07
									Sample ID	TB-B01-0102	TB-B01-SURFACE	TB-B02-0203	TB-B02-SURFACE	TB-B03-0607	TB-B03-SURFACE	TB-B04-0506
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**							
N-NITROSODIPHENYLAMINE	MG/KG									2.4 U	36 U	0.046 J	34 U	0.8	1.8 U	0.37 J
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	0.35 J	36 U	0.15 J	34 U	0.06 J	1.8 U	2.1 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
O-NITROANANILINE	MG/KG									12 U	170 U	1.7 U	170 U	2 U	9 U	10 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	1.1 J	2.3 J	1.4	12 J	0.4 J	1 J	2.1 U
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	2.4 U	36 U	0.35 U	34 U	0.42 U	1.8 U	2.1 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	1.6 J	36 U	1.8	7.1 J	0.5	2.8	2.1 U
VOCS																
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.003 J
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.039 U	0.027 U	0.026 U	0.025 U	0.042 U	0.031 U	0.029 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.039 U	0.027 U	0.026	0.025 U	0.042 U	0.031 U	0.018 J
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.008 U	0.005 U	0.002 J	0.005 U	0.019	0.006 U	0.023
CARBON DISULFIDE	MG/KG									0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.008 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.008 U	0.006 U	0.006 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.004 J
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
CHLOROMETHANE	MG/KG									0.016 U	0.011 U	0.01 U	0.01 U	0.017 U	0.012 U	0.012 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
CYCLOHEXANE	MG/KG									0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
ISOPROPYLBENZENE	MG/KG									0.008 U	0.005 U	0.005 U	0.005 U	0.008 UJ	0.006 UJ	0.006 UJ
METHYL ACETATE	MG/KG									0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
METHYLCYCLOHEXANE	MG/KG									0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05	0.008 UJ	0.007 UJ	0.005 UJ	0.008 UJ	0.016 UJ	0.012 UJ	0.009 UJ
STYRENE	MG/KG									0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3	0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7	0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47	0.008 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 U	0.006 U
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02	0.016 U	0.011 U	0.01 U	0.01 U	0.017 U	0.012 U	0.012 U
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26	0.023 U	0.016 U	0.016 U	0.015 U	0.026 U	0.019 U	0.018 U

*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 4
Summary of Analytical Results - Area B Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area B	Area B	Area B	Area B	Area B	Area B	Area B	Area B
									Sample Date	TB-B04	TB-B05	TB-B06	TB-B06	TB-B07	TB-B07	TB-B09	TB-B09
									Sample ID	01/08/07	01/05/07	01/10/07	01/10/07	01/11/07	01/11/07	01/11/07	01/11/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	TB-B04-SURFACE	TB-B05-SURFACE	TB-B06-0203	TB-B06-SURFACE	TB-B07-0506	TB-B07-SURFACE	TB-B09-0607	TB-B09-SURFACE
METALS																	
CYANIDE	MG/KG			10,000	27	27	27	40	27	1.9 J	0.76 UJ	1 U	0.78 U	1.3 U	1.1 U	1.5 U	1 U
ALUMINUM	MG/KG									6820	9610	1490	9210	8470	18100	7430	28400
ANTIMONY	MG/KG									18.9 R	17.3 U	22.3 UJ	17.7 UJ	21.1 R	15.5 R	22.7 R	15.6 R
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	5.2	7.5	4.8	6.5	14.7 J	2.7 J	834 J	3.4 J
BARIUM	MG/KG	433		10,000	350	400	400	820	350	49.6 J	67.9	114	75.5	369 J	121 J	398 J	201 J
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	1.4 J	1.4	0.3 U	0.49	0.88	4.1	0.82	5.1
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.25 UJ	0.98	0.3 U	0.26	2 J	0.21 UJ	34.1 J	0.21 UJ
CALCIUM	MG/KG									403000	97700	3510	22500	24400	219000	8730	188000
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	7.8	17.3	16.3	21.1	17.9 J	8.4 J	117 J	25.8 J
COBALT	MG/KG									4	4.3	1.3	6.6	12 J	0.94 J	45.5 J	1.2 J
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	35.2	39.2	56.1	34.4	209 J	7.4 J	4810 J	8.5 J
IRON	MG/KG									9610	13300	7280	20000	28700 J	5190 J	66700 J	15900 J
LEAD	MG/KG	63		3,900	400	400	1000	450	63	47.6 J	64.4	257	99.7	825 J	11.3 J	1190 J	36 J
MAGNESIUM	MG/KG									12500	13400	609	6310	2480	24500	2260	28000
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	480	654	23.6	443	845	1020	294	3940
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	1	0.59	2.5	0.17	2.5 J	0.03 J	2.1 J	0.27 J
NICKEL	MG/KG	30		10,000	140	310	310	130	30	14.5	18	14.2	22.2	14.2 J	3.8 J	29 J	4.2 J
POTASSIUM	MG/KG									1190	1240	702 J	1070 J	977 J	1680 J	1010 J	1910 J
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	5 U	4.6 U	6 U	4.7 U	5.6 U	4.1 U	7.4	4.2 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.63 U	0.58 U	0.45 U	0.35 U	0.7 U	0.52 U	6.5	0.52 U
SODIUM	MG/KG									684 J	248	406	165 U	1280 J	827 J	3560 J	804 J
THALLIUM	MG/KG									7.6 UJ	6.9 U	8.9 U	7.1 U	8.4 UJ	6.2 UJ	9.1 UJ	6.2 UJ
VANADIUM	MG/KG									7.9	14.6	3.3	18	25.7 J	8.8 J	26.9 J	16.4 J
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	45.5 R	296	25.4	98.8	826 J	17.3 J	21200 J	29.5 J
SVOCS																	
1-METHYL-2,4-DINITROBENZENE	MG/KG									76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
2,4,5-TRICHLOROPHENOL	MG/KG									180 U	9.4 U	12 U	0.96 U	4.6 U	86 U	12 U	8.8 U
2,4-DICHLOROPHENOL	MG/KG									76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
2,4-DIMETHYLPHENOL	MG/KG									76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
2,4-DINITROPHENOL	MG/KG									370 UJ	19 U	23 U	1.9 U	9.1 U	170 U	24 U	18 U
2,6-DINITROTOLUENE	MG/KG									76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
2-CHLOROPHENOL	MG/KG									76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
2-METHYLNAPHTHALENE	MG/KG		0.24							76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	76 U	3.9 U	4.8 U	0.083 J	1.9 U	36 U	0.32 J	3.6 U
3,3'-DICHLOROBENZIDINE	MG/KG									76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
3-NITROANILINE	MG/KG									370 U	19 U	23 U	1.9 U	9.1 U	170 U	24 U	18 U
4-CHLORO-3-METHYLPHENOL	MG/KG									370 U	19 U	23 U	1.9 U	9.1 U	170 U	24 U	18 U
4-CHLOROANILINE	MG/KG									76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	76 U	3.9 U	4.8 U	0.29 J	1.9 U	36 U	0.91 J	0.47 J
ACETOPHENONE	MG/KG									76 U	3.9 U	4.8 U	0.09 J	1.9 U	36 U	0.75 J	3.6 U
ANILINE	MG/KG			1,000	55	100		0.46	28	76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	76 U	0.25 J	4.8 U	0.8	0.1 J	1.9 J	2.3 J	1.6 J
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	76 U	1.1 J	0.49 J	2.2	0.27 J	3.2 J	5.5	11
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	76 U	1.2 J	0.7 J	1.8	0.22 J	2.6 J	5.2	10
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	76 U	1.6 J	0.98 J	3.2	0.3 J	4 J	7.9	18
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	76 U	0.66 J	0.83 J	0.85	1.9 U	36 U	3.5 J	7.1
BIPHENYL	MG/KG									76 U	0.6 J	0.36 J	0.4 U	0.11 J	36 U	5 U	4.6
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									76 U	3.9 U	4.8 U	0.024 J	1.9 U	36 U	5 U	3.6 U
BUTYLBENZYL PHTHALATE	MG/KG									76 U	3.9 U	4.8 U	0.11 J	1.9 U	36 U	5 U	3.6 U
CAPROLACTAM	MG/KG									76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
CARBAZOLE	MG/KG									76 UJ	3.9 UJ	4.8 UJ	0.4 UJ	1.9 UJ	36 UJ	5 UJ	3.6 UJ
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	76 U	3.9 U	4.8 U	0.47	1.9 U	36 U	0.86 J	3.6
DI-N-BUTYL PHTHALATE	MG/KG									76 U	1 J	0.45 J	1.9	0.22 J	4 J	4.8 J	14
DI-N-OCTYL PHTHALATE	MG/KG									76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	76 U	0.2 J	4.8 U	0.26 J	1.9 U	36 U	0.86 J	2 J
DIETHYL PHTHALATE	MG/KG									76 U	3.9 U	4.8 U	0.18 J	1.9 U	36 U	0.59 J	0.32 J
DIMETHYL PHTHALATE	MG/KG									76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	76 U	2.1 J	0.51 J	4.8	0.53 J	15 J	11	33
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	76 U	3.9 U	4.8 U	0.35 J	1.9 U	36 U	1.2 J	0.5 J
HEXACHLOROBUTADIENE	MG/KG									76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	76 U	0.61 J	0.66 J	0.83	1.9 U	36 U	2.9 J	6.6

*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
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R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 4
Summary of Analytical Results - Area B Soil Samples
Buffalo Color Facility - RI/FS

Parameter	Units	NY SOIL CLEANUP OBJECTIVES Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Area Location / Sample Date / Sample ID Unrestricted	Area B TB-B04 01/08/07 TB-B04-SURFACE	Area B TB-B05 01/05/07 TB-B05-SURFACE	Area B TB-B06 01/10/07 TB-B06-0203	Area B TB-B06 01/10/07 TB-B06-SURFACE	Area B TB-B07 01/11/07 TB-B07-0506	Area B TB-B07 01/11/07 TB-B07-SURFACE	Area B TB-B09 01/11/07 TB-B09-0607	Area B TB-B09 01/11/07 TB-B09-SURFACE
N-NITROSODIPHENYLAMINE	MG/KG									76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	76 U	3.9 U	4.8 U	0.26 J	1.9 U	36 U	5 U	3.6 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
O-NITROANANILINE	MG/KG									370 U	19 U	23 U	1.9 U	9.1 U	170 U	24 U	18 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	76 U	1 J	0.43 J	3.1	0.44 J	17 J	8.1	14
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	76 U	3.9 U	4.8 U	0.4 U	1.9 U	36 U	5 U	3.6 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	76 U	1.4 J	0.48 J	3.4	0.32 J	7.8 J	8.9	22
VOCS																	
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.005 U	0.007 U	0.008 UJ	0.006 UJ	0.008 U	0.005 U	0.007 U	0.004 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.005 U	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.005 U	0.007 U	0.004 J	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.005 U	0.007 U	0.008	0.006	0.008 U	0.005 U	0.007 U	0.004 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.005 U	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.005 U	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.005 U	0.007 U	0.002 J	0.002 J	0.008 U	0.005 U	0.007 U	0.004 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.025 U	0.036 U	0.041 U	0.029 U	0.041 U	0.024 U	0.035 U	0.02 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.025 U	0.036 U	0.041 U	0.029 U	0.041 U	0.024 U	0.035 U	0.02 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.002 J	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
CARBON DISULFIDE	MG/KG									0.005 U	0.007 U	0.008 U	0.006 U	0.008 U	0.003 J	0.007 U	0.004 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.005 U	0.007 UJ	0.008 UJ	0.006 UJ	0.008 U	0.005 U	0.007 U	0.004 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.005 U	0.007 U	0.002 J	0.005 J	0.008 U	0.005 U	0.007 U	0.004 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.005 U	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
CHLOROMETHANE	MG/KG									0.01 U	0.014 U	0.016 U	0.012 U	0.016 U	0.01 U	0.014 U	0.008 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.005 U	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
CYCLOHEXANE	MG/KG									0.005 U	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.005 U	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
ISOPROPYLBENZENE	MG/KG									0.005 UJ	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
METHYL ACETATE	MG/KG									0.005 U	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
METHYLCYCLOHEXANE	MG/KG									0.005 U	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05	0.007 UJ	0.01 UJ	0.012 UJ	0.008 UJ	0.01 UJ	0.006 UJ	0.011 UJ	0.006 UJ
STYRENE	MG/KG									0.005 U	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3	0.005 U	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7	0.005 U	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47	0.005 U	0.007 U	0.008 U	0.006 U	0.008 U	0.005 U	0.007 U	0.004 U
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02	0.01 U	0.014 U	0.016 U	0.012 U	0.016 U	0.01 U	0.014 U	0.008 U
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26	0.015 U	0.022 U	0.025 U	0.017 U	0.025 U	0.014 U	0.021 U	0.012 U

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Table 4
Summary of Analytical Results - Area B Soil Samples
Buffalo Color Facility - RI/FS

			NY SOIL CLEANUP OBJECTIVES							Area	Area B	Area B	Area B	Area B	Area B	Area B	Area B
										Location	TB-B10	TB-B11	TB-B11	TB-B13	TB-B13	TB-B14	TB-B14
										Sample Date	01/05/07	01/11/07	01/11/07	01/11/07	01/11/07	01/05/07	01/05/07
										Sample ID	TB-B10-SURFACE	TB-B11-0607	TB-B11-SURFACE	TB-B13-0607	TB-B13-SURFACE	TB-B14-0304	TB-B14-SURFACE
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**								
METALS																	
CYANIDE	MG/KG			10,000	27	27	27	40	27		0.91 UJ	1 U	1.1 U	1.3 U	0.96 U	0.89 UJ	0.79 UJ
ALUMINUM	MG/KG										7050	8160	12500	13200	22100	6760	4420
ANTIMONY	MG/KG										16.5 U	16 R	15.5 R	18.7 R	16.4 R	16.5 U	16.9 U
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13		6.9	10.4 J	5.5 J	7.6 J	3.7 J	4.9	7.7
BARIUM	MG/KG	433		10,000	350	400	400	820	350		54.5	59.5 J	122 J	94 J	142 J	38.2	27.8
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2		0.79	0.51	1.1	0.7	4.1	0.46	0.3
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5		0.22 U	0.21 UJ	0.21 UJ	1 J	0.22 UJ	0.22 U	0.23 U
CALCIUM	MG/KG										87800	90000	139000	12200	193000	118000	194000
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30		11.9	20.2 J	10.3 J	16.1 J	9.2 J	9.7	15.6
COBALT	MG/KG										5.5	4.2 J	2.9 J	8.6 J	1.8 J	3	2.6
COPPER	MG/KG	50		10,000	270	270	270	1,720	50		54.9	46.9 J	11.6 J	48.6 J	10.5 J	8.6	19.3
IRON	MG/KG										19000	14900 J	9380 J	29800 J	8050 J	14800	8850
LEAD	MG/KG	63		3,900	400	400	1000	450	63		124	61.7 J	8.9 J	90.8 J	15.7 J	10.6	33.9
MAGNESIUM	MG/KG										15300	12200	12300	3660	26500	10200	11000
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600		606	762	537	259	1420	299	267
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18		0.093	22.6 J	0.86 J	1.7 J	0.14 J	0.05	0.266
NICKEL	MG/KG	30		10,000	140	310	310	130	30		15.1	12 J	7.6 J	17.1 J	4.9 J	8.5	9.5
POTASSIUM	MG/KG										1080	898 J	1260 J	1560 J	1760 J	634	465
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9		4.4 U	4.3 U	4.1 U	5 U	4.4 U	4.4 U	4.5 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2		0.55 U	0.53 U	0.52 U	0.62 U	0.55 U	0.55 U	0.56 U
SODIUM	MG/KG										855	781 J	994 J	1840 J	1060 J	444	327
THALLIUM	MG/KG										6.6 U	6.4 UJ	6.2 UJ	7.5 UJ	6.6 UJ	6.6 U	6.8 U
VANADIUM	MG/KG										12.6	10.5 J	9.7 J	23.2 J	9.5 J	9.5	11
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109		142	97.4 J	36.6 J	105 J	38.5 J	51.7	39.6
SVOCS																	
1-METHYL-2,4-DINITROBENZENE	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
2,4,5-TRICHLOROPHENOL	MG/KG										4.6 U	4.4 U	4.3 U	1 U	8.9 U	8.5 R	9.2 U
2,4-DICHLOROPHENOL	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 R	3.8 U
2,4-DIMETHYLPHENOL	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 R	3.8 U
2,4-DINITROPHENOL	MG/KG										9.2 U	8.8 U	8.6 U	2.1 U	18 U	17 R	18 U
2,6-DINITROTOLUENE	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
2-CHLOROPHENOL	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 R	3.8 U
2-METHYLNAPHTHALENE	MG/KG		0.24								1.9 U	1.8 U	1.8 U	0.15 J	3.7 U	3.5 U	3.8 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33		1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 R	3.8 U
3,3'-DICHLOROBENZIDINE	MG/KG										9.2 U	8.8 U	8.6 U	2.1 U	18 U	17 U	18 U
3-NITROANILINE	MG/KG										9.2 U	8.8 U	8.6 U	2.1 U	18 U	17 U	18 U
4-CHLORO-3-METHYLPHENOL	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 R	3.8 U
4-CHLOROANILINE	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33		1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 R	3.8 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20		1.9 U	1.8 U	1.8 U	0.06 J	3.7 U	3.5 U	3.8 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100		1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	2.6 J
ACETOPHENONE	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
ANILINE	MG/KG			1,000	55	100		0.46	28		1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100		0.14 J	1.8 U	1.8 U	0.11 J	0.21 J	3.5 U	0.8 J
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1		0.79 J	0.25 J	0.23 J	0.16 J	0.83 J	3.5 U	1.9 J
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1		0.71 J	0.84 J	0.2 J	0.14 J	0.68 J	3.5 U	3 J
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1		1.3 J	0.53 J	0.55 J	0.26 J	1 J	0.27 J	4
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100		0.34 J	0.12 J	0.13 J	0.089 J	0.42 J	3.5 U	2 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8		1.9 U	1.8 U	1.8 U	0.44 U	0.39 J	3.5 U	3.8 U
BIPHENYL	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG										1.9 U	1.8 U	1.8 U	0.088 J	3.7 U	3.5 U	3.8 U
BUTYLBENZYL PHTHALATE	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
CAPROLACTAM	MG/KG										1.9 UJ	1.8 UJ	1.8 UJ	0.44 UJ	3.7 UJ	3.5 UJ	3.8 UJ
CARBAZOLE	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1		0.68 J	0.24 J	0.28 J	0.17 J	0.88 J	3.5 U	2 J
DI-N-BUTYL PHTHALATE	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
DI-N-OCTYL PHTHALATE	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33		1.9 U	1.8 U	1.8 U	0.025 J	3.7 U	3.5 U	0.54 J
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7		1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
DIETHYL PHTHALATE	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
DIMETHYL PHTHALATE	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100		1.5 J	0.6 J	0.63 J	0.28 J	2.1 J	0.3 J	1.8 J
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30		1.9 U	1.8 U	1.8 U	0.069 J	3.7 U	3.5 U	0.2 J
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33		1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
HEXACHLOROBUTADIENE	MG/KG										1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5		0.31 J	0.11 J	0.11 J	0.08 J	0.38 J	3.5 U	1.5 J

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Table 4
Summary of Analytical Results - Area B Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area	Area B	Area B	Area B	Area B	Area B	Area B	Area B	Area B
									Location	TB-B10	TB-B11	TB-B11	TB-B13	TB-B13	TB-B14	TB-B14
									Sample Date	01/05/07	01/11/07	01/11/07	01/11/07	01/11/07	01/05/07	01/05/07
									Sample ID	TB-B10-SURFACE	TB-B11-0607	TB-B11-SURFACE	TB-B13-0607	TB-B13-SURFACE	TB-B14-0304	TB-B14-SURFACE
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**							
N-NITROSODIPHENYLAMINE	MG/KG									1.9 U	1.8 U	1.8 U	0.25 J	3.7 U	3.5 U	3.8 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	1.9 U	0.19 J	0.25 J	0.084 J	3.7 U	3.5 U	3.8 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 U	3.8 U
O-NITROANANILINE	MG/KG									9.2 U	8.8 U	8.6 U	2.1 U	18 U	17 U	18 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	0.72 J	0.44 J	0.36 J	0.19 J	1.4 J	0.3 J	0.6 J
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	1.9 U	1.8 U	1.8 U	0.44 U	3.7 U	3.5 R	3.8 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	1.1 J	0.36 J	0.35 J	0.34 J	1.5 J	0.23 J	2.8 J
VOCS																
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.025 U	0.021 U	0.025 U	0.029 U	0.026 U	0.033 U	0.028 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.025 U	0.037 U	0.027 U	0.038 U	0.026 U	0.033 U	0.028 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.005 U	0.001 J	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
CARBON DISULFIDE	MG/KG									0.005 U	0.002 J	0.002 J	0.006 U	0.002 J	0.007 U	0.006 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.005 UJ	0.004 U	0.005 U	0.006 U	0.005 U	0.007 UJ	0.006 UJ
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
CHLOROMETHANE	MG/KG									0.01 U	0.008 U	0.01 U	0.012 U	0.01 U	0.013 U	0.011 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
CYCLOHEXANE	MG/KG									0.005 U	0.004 U	0.005 U	0.001 J	0.005 U	0.007 U	0.006 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
ISOPROPYLBENZENE	MG/KG									0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
METHYL ACETATE	MG/KG									0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
METHYLCYCLOHEXANE	MG/KG									0.005 U	0.0008 J	0.002 J	0.001 J	0.005 U	0.002 J	0.006 U
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05	0.007 UJ	0.005 UJ	0.009 UJ	0.008 UJ	0.009 UJ	0.007 UJ	0.007 UJ
STYRENE	MG/KG									0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3	0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7	0.005 U	0.003 J	0.005	0.002 J	0.002 J	0.007 U	0.006 U
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47	0.005 U	0.004 U	0.005 U	0.006 U	0.005 U	0.007 U	0.006 U
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02	0.01 U	0.008 U	0.01 U	0.012 U	0.01 U	0.013 U	0.011 U
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26	0.015 U	0.013 U	0.015 U	0.017 U	0.016 U	0.02 U	0.017 U

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

Created by: BCG
Checked by: NF

Table 5
Summary of Analytical Results - Area C Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES								Area Location	Area C	Area C	Area C	Area C	Area C	Area C	Area C
										Sample Date	TB-C01	TB-C01	TB-C02	TB-C02	TB-C03	TB-C03	TB-C04
											01/08/07	01/08/07	01/08/07	01/08/07	01/08/07	01/08/07	01/08/07
										Sample ID	TB-C01-0304	TB-C01-SURFACE	TB-C02-0304	TB-C02-SURFACE	TB-C03-0304	TB-C03-SURFACE	TB-C04-SURFACE
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted								
METALS																	
CYANIDE	MG/KG			10,000	27	27	27	40	27		1.1 UJ	1 UJ	1 UJ	1.1 UJ	0.94 UJ	0.68 UJ	2.8 J
ALUMINUM	MG/KG										6840	4910	1960	6240	1630	4370	2370
ANTIMONY	MG/KG										18.9 R	16.7 R	16.9 R	17.6 R	17.8 R	15.5 R	16.1 R
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13		239	25.2	15.3	6.7	9.3	18.6	5.7
BARIUM	MG/KG	433		10,000	350	400	400	820	350		75.3 J	100 J	21.5 J	25.2 J	35.7 J	79.1 J	18.9 J
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2		0.58 J	0.78 J	0.34 J	0.4 J	0.4 J	0.71 J	0.33 J
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5		0.25 UJ	0.59 J	0.22 UJ	0.68 J	0.28 J	0.7 J	0.31 J
CALCIUM	MG/KG										3740	164000	4580	29900	7460	82100	265000
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30		217	5	12.1	2.5	67	8.7	2.8
COBALT	MG/KG										6.8	4.2	4.2	7	1.7	4.4	1.6
COPPER	MG/KG	50		10,000	270	270	270	1,720	50		121	38.7	13.3	38.2	10.2	69.3	14.6
IRON	MG/KG										23500	38000	11200	17000	3960	25600	6680
LEAD	MG/KG	63		3,900	400	400	1000	450	63		300 J	72.7 J	12.7 J	17.6 J	25 J	188 J	27.8 J
MAGNESIUM	MG/KG										1880	11400	1210	6570	436	9440	6960
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600		113	5370	123	303	47.3	980	190
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18		4.3	0.63	0.34	0.06	0.29	4.4	0.62
NICKEL	MG/KG	30		10,000	140	310	310	130	30		18.1	40.7	13.4	30.5	5.8	24.7	6.5
POTASSIUM	MG/KG										694	794	496	967	260	730	384
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9		5 U	4.5 U	4.5 U	4.7 U	4.7 U	4.1 U	4.3 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2		0.63 U	0.56 U	0.56 U	0.59 U	0.59 U	0.52 U	0.54 U
SODIUM	MG/KG										489 J	673 J	202 J	165 UJ	166 UJ	354 J	209 J
THALLIUM	MG/KG										7.6 UJ	6.7 UJ	6.7 UJ	7.1 UJ	7.1 UJ	6.2 UJ	6.4 UJ
VANADIUM	MG/KG										14.6	148	8.7	14.8	6.3	43	7.9
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109		150 R	121 R	40.6 R	125 R	72.8 R	183 R	71 R
SVOCS																	
1-METHYL-2,4-DINITROBENZENE	MG/KG										2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
2,4,5-TRICHLOROPHENOL	MG/KG										4.9 U	18 U	0.92 U	0.91 U	9.1 U	18 U	8.4 U
2,4-DICHLOROPHENOL	MG/KG										2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
2,4-DIMETHYLPHENOL	MG/KG										2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
2,4-DINITROPHENOL	MG/KG										9.8 UJ	36 UJ	1.8 U	1.8 UJ	18 UJ	36 UJ	17 UJ
2,6-DINITROTOLUENE	MG/KG										2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
2-CHLOROPHENOL	MG/KG										2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
2-METHYLNAPHTHALENE	MG/KG		0.24								0.14 J	0.81 J	1.1	0.38 U	0.36 J	0.67 J	3.5 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33		2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
3,3'-DICHLOROBENZIDINE	MG/KG										9.8 U	36 U	1.8 U	1.8 U	18 U	36 U	17 U
3-NITROANILINE	MG/KG										9.8 U	36 U	1.8 U	1.8 U	18 U	36 U	17 U
4-CHLORO-3-METHYLPHENOL	MG/KG										2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
4-CHLOROANILINE	MG/KG										2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33		2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20		0.54 J	0.51 J	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100		2 U	2.3 J	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
ACETOPHENONE	MG/KG										2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
ANILINE	MG/KG			1,000	55	100		0.46	28		2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100		1.4 J	3.2 J	0.38 U	0.041 J	3.8 U	0.48 J	0.47 J
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1		3.1	10	0.075 J	0.24 J	3.8 U	2.5 J	2.5 J
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1		2.6	8.4	0.035 J	0.25 J	3.8 U	2.2 J	2.2 J
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1		3.4	11	0.098 J	0.54	3.8 U	4.3 J	3.1 J
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100		1.4 J	4.8 J	0.04 J	0.18 J	3.8 U	1.2 J	1.2 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8		1 J	3.7 J	0.38 U	0.38 U	3.8 U	7.4 U	1 J
BIPHENYL	MG/KG										2 U	7.3 U	0.12 J	0.38 U	3.8 U	7.4 U	3.5 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG										2 U	7.3 U	0.26 J	0.32 J	3.8 U	7.4 U	3.5 U
BUTYLBENZYL PHTHALATE	MG/KG										2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
CAPROLACTAM	MG/KG										2 UJ	7.3 UJ	0.38 UJ	0.38 UJ	3.8 UJ	7.4 UJ	3.5 UJ
CARBAZOLE	MG/KG										0.47 J	0.7 J	0.031 J	0.033 J	3.8 U	7.4 U	0.21 J
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1		3	8.4	0.14 J	0.29 J	3.8 U	2.5 J	2.4 J
DI-N-BUTYL PHTHALATE	MG/KG										2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
DI-N-OCTYL PHTHALATE	MG/KG										2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33		0.36 J	1.3 J	0.02 J	0.038 J	3.8 U	0.39 J	0.38 J
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7		0.36 J	0.65 J	0.24 J	0.38 U	3.8 U	7.4 U	3.5 U
DIETHYL PHTHALATE	MG/KG										2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
DIMETHYL PHTHALATE	MG/KG										2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Checked by: NF

Table 5
Summary of Analytical Results - Area C Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area	Area C	Area C	Area C	Area C	Area C	Area C	Area C
									Location	TB-C01	TB-C01	TB-C02	TB-C02	TB-C03	TB-C03	TB-C04
									Sample Date	01/08/07	01/08/07	01/08/07	01/08/07	01/08/07	01/08/07	01/08/07
									Sample ID	TB-C01-0304	TB-C01-SURFACE	TB-C02-0304	TB-C02-SURFACE	TB-C03-0304	TB-C03-SURFACE	TB-C04-SURFACE
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted							
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	7.6	23	0.11 J	0.54	3.8 U	4.5 J	4.9
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	0.58 J	1.1 J	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
HEXACHLOROBUTADIENE	MG/KG									2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	1.3 J	4.3 J	0.02 J	0.15 J	3.8 U	1.1 J	1.1 J
N-NITROSODIPHENYLAMINE	MG/KG									2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	0.45 J	1.1 J	12	0.076 J	21	1.8 J	3.5 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
O-NITROANANILINE	MG/KG									9.8 U	36 U	1.8 U	1.8 U	18 U	36 U	17 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	6.6	12	0.57	0.23 J	0.3 J	2.4 J	2.6 J
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	2 U	7.3 U	0.38 U	0.38 U	3.8 U	7.4 U	3.5 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	5.6	17	0.097 J	0.36 J	3.8 U	3.3 J	3.6
VOCS																
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.006 U	0.006 U	0.004 J	0.004 U	0.008 U	0.006 U	0.005 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.028 U	0.03 U	0.037 U	0.023 U	0.04 U	0.032 U	0.023 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.028 U	0.03 U	0.022 J	0.023 U	0.04 U	0.032 U	0.023 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.005 J	0.004 J	0.003 J	0.004 U	0.008 U	0.006 U	0.005 U
CARBON DISULFIDE	MG/KG									0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
CHLOROMETHANE	MG/KG									0.011 U	0.012 U	0.015 U	0.009 U	0.016 U	0.013 U	0.009 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
CYCLOHEXANE	MG/KG									0.006 U	0.006 U	0.005 J	0.004 U	0.008 U	0.006 U	0.005 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
ISOPROPYLBENZENE	MG/KG									0.006 UJ	0.006 UJ	0.007 UJ	0.004 UJ	0.008 UJ	0.006 UJ	0.005 UJ
METHYL ACETATE	MG/KG									0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
METHYLCYCLOHEXANE	MG/KG									0.006 U	0.006 U	0.006 J	0.004 U	0.008 U	0.006 U	0.005 U
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05	0.007 UJ	0.006 UJ	0.007 UJ	0.005 UJ	0.008 UJ	0.006 UJ	0.006 UJ
STYRENE	MG/KG									0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3	0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7	0.006 U	0.006 U	0.004 J	0.004 U	0.008 U	0.006 U	0.005 U
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47	0.006 U	0.006 U	0.007 U	0.004 U	0.008 U	0.006 U	0.005 U
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02	0.011 U	0.012 U	0.015 U	0.009 U	0.016 U	0.013 U	0.009 U
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26	0.016 U	0.018 U	0.022 U	0.014 U	0.024 U	0.019 U	0.014 U

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

Created by: BCG
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Table 5
Summary of Analytical Results - Area C Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area	Area C	Area C	Area C	Area C	Area C	Area C	Area C	Area C
									Location	TB-C04	TB-C05	TB-C05	TB-C06	TB-C06	TB-C07	TB-C07	TB-C08
									Sample Date	01/09/07	01/09/07	01/09/07	01/09/07	01/09/07	01/08/07	01/08/07	01/11/07
									Sample ID	TB-C04-0304	TB-C05-0102	TB-C05-SURFACE	TB-C06-0304	TB-C06-SURFACE	TB-C07-0304	TB-C07-SURFACE	TB-C08-0506
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted								
METALS																	
CYANIDE	MG/KG			10,000	27	27	27	40	27	1.2 UJ	1.3 UJ	1 UJ	1.2 UJ	1 UJ	4.8 J	7 J	1.1 U
ALUMINUM	MG/KG									1430 J	4710 J	4170 J	4030 J	4440 J	5150	4040	12900
ANTIMONY	MG/KG									20.4 UJ	18.5 UJ	17.8 UJ	18.6 UJ	16 UJ	19.3 R	17.6 R	19.2 R
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	50.2	12.5	5.4	4.6	5.6	46.6	7.5	10.7 J
BARIUM	MG/KG	433		10,000	350	400	400	820	350	50.5	2320	20.9	57.1	22	102 J	41 J	80.6 J
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.27 U	0.57	0.26	0.5	0.28	0.5 J	0.28 J	0.64
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.27 U	0.25 U	0.31	0.25 U	0.25	0.88 J	0.4 J	0.89 J
CALCIUM	MG/KG									1440	14400	36600	8810	27800	5340	43800	39300
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	8.5	9.4	8.2	7.5	25.9	14.8	18.9 J	13 J
COBALT	MG/KG									5.3	3.4	5	5.4	5.4	5.9	5.1	9.8 J
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	306	19.4	24.7	50.6	28	153	36.7	53.4 J
IRON	MG/KG									79000	10200	11700	13300	12700	39700	15000	27800 J
LEAD	MG/KG	63		3,900	400	400	1000	450	63	156	32.8	13	35.9	14.9	207 J	63.5 J	447 J
MAGNESIUM	MG/KG									285 J	1100 J	4780 J	1010 J	4750 J	1170	5210	13100
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	38.4	70.6	245	185	275	87.8	336	380
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	0.38	0.84	0.2	1.2	0.28	3.8	4.6	6.2 J
NICKEL	MG/KG	30		10,000	140	310	310	130	30	26.1	9.9	21.9	11	19.4	17.8	20.7	30.3 J
POTASSIUM	MG/KG									735	518	799	368	782	505	766	2170 J
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	5.4 U	4.9 U	4.7 U	5 U	4.3 U	5.2	4.7 U	5.1 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.91	0.62 U	0.59 U	0.62 U	0.53 U	0.64 U	0.59 U	0.64 U
SODIUM	MG/KG									235	172 U	166 U	174 U	149 U	180 UJ	165 UJ	3010 J
THALLIUM	MG/KG									8.1 U	7.4 U	7.1 U	7.4 U	6.4 U	7.7 UJ	7.1 UJ	7.7 UJ
VANADIUM	MG/KG									3.6	12.3	18.6	11.4	13.2	17.1	14.6	22.8 J
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	156	61.4	75.2	143	84.3	659 R	93.9 R	237 J
SVOCS																	
1-METHYL-2,4-DINITROBENZENE	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
2,4,5-TRICHLOROPHENOL	MG/KG									1.1 U	5.1 U	0.92 U	10 U	0.84 U	10 U	18 U	0.96 U
2,4-DICHLOROPHENOL	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
2,4-DIMETHYLPHENOL	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
2,4-DINITROPHENOL	MG/KG									2.2 U	10 U	1.8 U	20 U	1.7 U	20 U	36 U	1.9 U
2,6-DINITROTOLUENE	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
2-CHLOROPHENOL	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
2-METHYLNAPHTHALENE	MG/KG		0.24							0.11 J	0.17 J	0.38 U	4.1 U	0.028 J	0.44 J	7.5 U	0.4 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
3,3'-DICHLOROBENZIDINE	MG/KG									2.2 U	10 U	1.8 U	20 U	1.7 U	20 U	36 U	1.9 U
3-NITROANILINE	MG/KG									2.2 U	10 U	1.8 U	20 U	1.7 U	20 U	36 U	1.9 U
4-CHLORO-3-METHYLPHENOL	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
4-CHLOROANILINE	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	0.021 J	0.046 J	0.013 J	4.1 U	0.02 J	4.1 U	7.5 U	0.4 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	0.022 J	2.1 U	0.012 J	4.1 U	0.008 J	0.54 J	7.5 U	0.4 U
ACETOPHENONE	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
ANILINE	MG/KG			1,000	55	100		0.46	28	0.16 J	2.1 U	0.38 U	4.1 U	0.81	4.1 U	7.5 U	0.4 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	0.21 J	0.11 J	0.028 J	4.1 U	0.032 J	0.46 J	1.3 J	0.02 J
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	1.4	0.55 J	0.12 J	4.1 U	0.14 J	3 J	4.6 J	0.11 J
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	1.1	0.59 J	0.13 J	4.1 U	0.14 J	4.3	4.1 J	0.12 J
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	1.5	0.7 J	0.19 J	4.1 U	0.21 J	6.1	5.3 J	0.19 J
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	0.88	0.45 J	0.12 J	4.1 U	0.12 J	4.3	2.5 J	0.055 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	0.63	0.33 J	0.073 J	4.1 U	0.056 J	1.5 J	2.1 J	0.061 J
BIPHENYL	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									0.45 U	2.1 U	0.18 J	4.1 U	0.41	4.1 U	7.5 U	0.077 J
BUTYLBENZYL PHTHALATE	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
CAPROLACTAM	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 UJ	7.5 UJ	0.4 UJ
CARBAZOLE	MG/KG									0.062 J	2.1 U	0.02 J	4.1 U	0.026 J	4.1 U	0.54 J	0.4 U
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	1.1	0.5 J	0.12 J	4.1 U	0.14 J	2.6 J	4 J	0.11 J
DI-N-BUTYL PHTHALATE	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
DI-N-OCTYL PHTHALATE	MG/KG									0.011 J	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	0.22 J	0.14 J	0.031 J	4.1 U	0.03 J	0.81 J	0.69 J	0.4 U
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	0.052 J	0.054 J	0.008 J	4.1 U	0.017 J	4.1 U	7.5 U	0.4 U
DIETHYL PHTHALATE	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
DIMETHYL PHTHALATE	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U

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J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 5
Summary of Analytical Results - Area C Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area	Area C	Area C	Area C	Area C	Area C	Area C	Area C	Area C
									Location	TB-C04	TB-C05	TB-C05	TB-C06	TB-C06	TB-C07	TB-C07	TB-C08
									Sample Date	01/09/07	01/09/07	01/09/07	01/09/07	01/09/07	01/08/07	01/08/07	01/11/07
									Sample ID	TB-C04-0304	TB-C05-0102	TB-C05-SURFACE	TB-C06-0304	TB-C06-SURFACE	TB-C07-0304	TB-C07-SURFACE	TB-C08-0506
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**								
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	2.5	0.97 J	0.27 J	4.1 U	0.3 J	4.6	9.2	0.16 J
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	0.033 J	2.1 U	0.019 J	4.1 U	0.02 J	4.1 U	7.5 U	0.4 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
HEXACHLOROBUTADIENE	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	0.83	0.41 J	0.11 J	4.1 U	0.11 J	3.3 J	2.2 J	0.053 J
N-NITROSODIPHENYLAMINE	MG/KG									0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	0.12 J	0.26 J	0.032 J	0.14 J	0.32 J	2 J	7.5 U	0.4 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
O-NITROANANILINE	MG/KG									2.2 U	10 U	1.8 U	20 U	1.7 U	20 U	36 U	1.9 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	0.5	0.48 J	0.14 J	4.1 U	0.19 J	0.58 J	5.1 J	0.067 J
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	0.45 U	2.1 U	0.38 U	4.1 U	0.35 U	4.1 U	7.5 U	0.4 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	2	0.78 J	0.19 J	4.1 U	0.23 J	4.2	6.9 J	0.12 J
VOCS																	
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.003 J	0.005 J	0.002 J	0.005 J	0.006	0.006 U	0.004 U	0.005 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.007	0.004 U	0.005 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.005 U	0.008 U	0.004 U	0.006 U	0.002 J	0.006 U	0.004 U	0.005 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.026 U	0.04 U	0.022 U	0.03 U	0.021 U	0.03 U	0.021 U	0.025 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.026 U	0.04 U	0.022 U	0.03 U	0.021 U	0.036	0.021 U	0.025 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
CARBON DISULFIDE	MG/KG									0.005 U	0.008 U	0.004 U	0.003 J	0.004 U	0.006 U	0.004 U	0.005 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.016	0.008 U	0.004 U	0.006 U	0.063	0.012	0.002 J	0.005 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
CHLOROMETHANE	MG/KG									0.01 U	0.016 U	0.009 U	0.012 U	0.008 U	0.012 U	0.008 U	0.01 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
CYCLOHEXANE	MG/KG									0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
ISOPROPYLBENZENE	MG/KG									0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 UJ	0.004 UJ	0.005 U
METHYL ACETATE	MG/KG									0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
METHYLCYCLOHEXANE	MG/KG									0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05	0.008 U	0.013 U	0.008 U	0.01 U	0.008 U	0.006 UJ	0.005 UJ	0.006 UJ
STYRENE	MG/KG									0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3	0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7	0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47	0.005 U	0.008 U	0.004 U	0.006 U	0.004 U	0.006 U	0.004 U	0.005 U
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02	0.01 U	0.016 U	0.009 U	0.012 U	0.008 U	0.012 U	0.008 U	0.01 U
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26	0.016 U	0.024 U	0.013 U	0.018 U	0.013 U	0.018 U	0.013 U	0.015 U

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Table 5
Summary of Analytical Results - Area C Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES														
Area Location										Area C	Area C	Area C	Area C	Area C	Area C	Area C
Sample Date										TB-C08	TB-C09	TB-C09	TB-C10	TB-C10	TB-C11	
Sample ID										01/11/07	01/09/07	01/09/07	01/11/07	01/11/07	01/11/07	
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**	TB-C08-SURFACE	TB-C09-0304	TB-C09-SURFACE	TB-C10-0304	TB-C10-SURFACE	TB-C11-0203	
METALS																
CYANIDE	MG/KG			10,000	27	27	27	40	27	0.81 U	1.1 UJ	1 UJ	0.89 UJ	0.91 U	7.3 J	
ALUMINUM	MG/KG									5250	4110 J	5800 J	3100 J	4610	2740 J	
ANTIMONY	MG/KG									15.3 R	19.6 UJ	16.9 UJ	19.5 UJ	16.1 R	18.1 UJ	
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	11.5 J	57.3	8.9	18.5 J	15.3 J	30.8 J	
BARIUM	MG/KG	433		10,000	350	400	400	820	350	94.4 J	98.6	56.9	51.3 J	60.5 J	114 J	
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.27	0.57	0.31	0.38	0.34	0.41	
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.23 J	2.8	0.46	1.6 J	0.39 J	0.46 J	
CALCIUM	MG/KG									87500	10200	86600	22200 J	116000	2680 J	
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	16	8.7	16.2	21.6 J	3420	18.2	
COBALT	MG/KG									4.7 J	9.2	4.2	4.8	4.1 J	2.6	
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	30.8 J	54.2	62.4	66.6 J	75.8 J	45.5 J	
IRON	MG/KG									17500 J	19100	9590	14000	12400 J	35500	
LEAD	MG/KG	63		3,900	400	400	1000	450	63	327 J	113	11.9	180	187 J	635	
MAGNESIUM	MG/KG									7900	1360 J	4820 J	1580 J	6250	487 J	
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	503	257	444	115 J	364	80.5 J	
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	7.2 J	8.5	0.17	6.3	2.1 J	8.6	
NICKEL	MG/KG	30		10,000	140	310	310	130	30	12.5 J	17.9	20.1	12.2	13.3 J	9.8	
POTASSIUM	MG/KG									1290 J	435	363	456 J	914 J	707 J	
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	4.1 U	5.2 U	4.5 U	5.2 UJ	4.3 U	4.8 UJ	
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.51 U	0.65 U	0.56 U	0.65 U	0.54 U	0.6 U	
SODIUM	MG/KG									1840 J	335	199	197	519 J	609	
THALLIUM	MG/KG									6.1 UJ	7.8 U	6.7 U	7.8 UJ	6.5 UJ	7.2 UJ	
VANADIUM	MG/KG									15.3 J	13.3	16.2	13.2 J	15.5 J	23.1 J	
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	82.5 J	147	45.2	151	147 J	496	
SVOCS																
1-METHYL-2,4-DINITROBENZENE	MG/KG									34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	
2,4,5-TRICHLOROPHENOL	MG/KG									34 U	1 U	0.89 U	1 U	8.6 U	9.9 UJ	
2,4-DICHLOROPHENOL	MG/KG									34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	
2,4-DIMETHYLPHENOL	MG/KG									34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	
2,4-DINITROPHENOL	MG/KG									170 U	2 U	1.8 U	2.1 U	17 U	20 UJ	
2,6-DINITROTOLUENE	MG/KG									34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	
2-CHLOROPHENOL	MG/KG									34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	
2-METHYLNAPHTHALENE	MG/KG		0.24							34 U	0.35 J	0.37 U	0.039 J	3.6 U	4.1 UJ	
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	
3,3'-DICHLOROBENZIDINE	MG/KG									170 U	2 U	1.8 U	2.1 U	17 U	20 UJ	
3-NITROANILINE	MG/KG									170 U	2 U	1.8 U	2.1 U	17 U	20 UJ	
4-CHLORO-3-METHYLPHENOL	MG/KG									34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	
4-CHLOROANILINE	MG/KG									34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	34 U	0.037 J	0.37 U	0.42 U	3.6 U	4.1 UJ	
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	34 U	0.36 J	0.37 U	0.17 J	3.6 U	4.1 UJ	
ACETOPHENONE	MG/KG									34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	
ANILINE	MG/KG			1,000	55	100		0.46	28	34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	34 U	0.32 J	0.009 J	0.1 J	0.44 J	12 J	
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	1.9 J	0.7	0.067 J	0.43	1.9 J	1.9 J	
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	34 U	0.73	0.08 J	0.58	2.2 J	0.47 J	
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	34 U	0.92	0.13 J	1.1	3.8	1.4 J	
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	34 U	0.65	0.11 J	0.41 J	1.3 J	0.24 J	
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	34 U	0.36 J	0.052 J	0.42 U	1.3 J	0.63 J	
BIPHENYL	MG/KG									34 U	0.053 J	0.37 U	0.42 U	3.6 U	4.1 UJ	
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									34 U	0.14 J	0.073 J	0.16 J	3.6 U	4.1 UJ	
BUTYLBENZYL PHTHALATE	MG/KG									34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	
CAPROLACTAM	MG/KG									34 UJ	0.42 U	0.37 U	0.42 UJ	3.6 UJ	4.1 UJ	
CARBAZOLE	MG/KG									34 U	0.099 J	0.011 J	0.042 J	0.32 J	12 J	
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	34 U	0.68	0.084 J	0.46	2.1 J	47 J	
DI-N-BUTYL PHTHALATE	MG/KG									34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	
DI-N-OCTYL PHTHALATE	MG/KG									34 U	0.01 J	0.37 U	0.42 U	3.6 U	4.1 UJ	
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	34 U	0.19 J	0.023 J	0.12 J	0.34 J	4.1 UJ	
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	34 U	0.18 J	0.37 U	0.022 J	3.6 U	0.36 J	
DIETHYL PHTHALATE	MG/KG									34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	
DIMETHYL PHTHALATE	MG/KG									34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ	

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

Created by: BCG
Checked by: NF

Table 5
Summary of Analytical Results - Area C Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area C	Area C	Area C	Area C	Area C	Area C
									Sample Date	TB-C08 01/11/07	TB-C09 01/09/07	TB-C09 01/09/07	TB-C10 01/11/07	TB-C10 01/11/07	TB-C11 01/11/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Sample ID Unrestricted	TB-C08-SURFACE	TB-C09-0304	TB-C09-SURFACE	TB-C10-0304	TB-C10-SURFACE	TB-C11-0203
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	3.6 J	1.2	0.15 J	0.64	5.1	3.6 J
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	34 U	0.24 J	0.37 U	0.42 U	3.6 U	4.1 UJ
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ
HEXACHLOROBUTADIENE	MG/KG									34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	34 U	0.59	0.09 J	0.35 J	1.1 J	0.23 J
N-NITROSODIPHENYLAMINE	MG/KG									34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	4.8 J	0.4 J	0.009 J	0.07 J	3.6 U	9.9 J
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	34 U	0.42 U	0.37 U	0.42 U	3.6 U	4.1 UJ
O-NITROANANILINE	MG/KG									170 U	2 U	1.8 U	2.1 U	17 U	20 UJ
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	5.8 J	1.1	0.055 J	0.26 J	2.4 J	9.2 J
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	34 U	0.42 U	0.37 U	0.026 J	3.6 U	4.1 UJ
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	2.3 J	0.92	0.11 J	0.48	2.8 J	1.7 J
VOCS															
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.003 J
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.019
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.009 J	0.038 U	0.03 U	0.036 U	0.01 J	0.035 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.05 U	0.022 J	0.03 U	0.03 J	0.089	0.035 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.005	0.008 U	0.006 U	0.026	0.025	0.002 J
CARBON DISULFIDE	MG/KG									0.002 J	0.008 U	0.006 U	0.005 J	0.002 J	0.007 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.088
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
CHLOROMETHANE	MG/KG									0.01 U	0.015 U	0.012 U	0.015 U	0.01 U	0.014 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
CYCLOHEXANE	MG/KG									0.002 J	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.002 J	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
ISOPROPYLBENZENE	MG/KG									0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
METHYL ACETATE	MG/KG									0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
METHYLCYCLOHEXANE	MG/KG									0.002 J	0.008 U	0.006 U	0.001 J	0.001 J	0.007 U
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05	0.006 UJ	0.012 U	0.01 U	0.013 U	0.006 UJ	0.007 U
STYRENE	MG/KG									0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3	0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7	0.009	0.008 U	0.006 U	0.007 U	0.001 J	0.007 U
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47	0.005 U	0.008 U	0.006 U	0.007 U	0.005 U	0.007 U
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02	0.01 U	0.015 U	0.012 U	0.015 U	0.01 U	0.014 U
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26	0.012 J	0.023 U	0.018 U	0.022 U	0.003 J	0.021 U

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

Created by: BCG
Checked by: NF

Table 5
Summary of Analytical Results - Area C Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES														
Area										Area C	Area C	Area C	Area C	Area C	Area C	Area C
Location										TB-C11	TB-C11	TB-C12	TB-C12	TB-C13	TB-C13	
Sample Date										01/11/07	01/11/07	01/08/07	01/08/07	01/08/07	01/08/07	
Sample ID										TB-C11-0708	TB-C11-SURFACE	TB-C12-0304	TB-C12-SURFACE	TB-C13-0304	TB-C13-SURFACE	
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**							
METALS																
CYANIDE	MG/KG			10,000	27	27	27	40	27	1.2 UJ	0.89 UJ	1 U	10.7 J	0.71 UJ	0.84 UJ	
ALUMINUM	MG/KG									12200 J	5280 J	6310	4260	436	3370	
ANTIMONY	MG/KG									16.1 UJ	17 UJ	18 R	32.7 J	16.6 R	15.6 R	
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	4.7 J	18.1 J	35.6	16.5	21.2	7.9	
BARIUM	MG/KG	433		10,000	350	400	400	820	350	80.3 J	122 J	152 J	86.3 J	21.3 J	43 J	
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.58	0.33	0.63 J	0.56 J	0.36 J	0.32 J	
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.21 UJ	0.46 J	1.8 J	0.91 J	0.22 UJ	0.29 J	
CALCIUM	MG/KG									36700 J	65300 J	14200	48000	515	111000	
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	53.1		94.1	208	3.1	31.1	
COBALT	MG/KG									8.2	5.5	6.6	6.5	0.55 U	4.3	
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	23.6 J	67.2 J	299	149	7.9	29.4	
IRON	MG/KG									21700	22400	30700	45600	24000	14900	
LEAD	MG/KG	63		3,900	400	400	1000	450	63	17.1	214	1390 J	262 J	8.3 J	74.5 J	
MAGNESIUM	MG/KG									8250 J	10800 J	2000	6270	59.4	48300	
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	440 J	670 J	379	663	2.6	859	
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	0.52	27.6	60.8	10.4	0.19	3.1	
NICKEL	MG/KG	30		10,000	140	310	310	130	30	26.8	15	25.4	59.2	1.6	40.1	
POTASSIUM	MG/KG									1650 J	694 J	468	691	460	755	
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	4.3 UJ	4.5 UJ	4.8 U	5.2 U	4.4 U	4.2 U	
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.54 U	0.73	5.2	0.65 U	0.55 U	0.52 U	
SODIUM	MG/KG									270	159 U	179 J	181 UJ	1150 J	192 J	
THALLIUM	MG/KG									6.4 UJ	6.8 UJ	7.2 UJ	7.7 UJ	6.6 UJ	6.2 UJ	
VANADIUM	MG/KG									20.4 J	17.4 J	261	47.9	15.6	110	
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	72.2	153	994 R	250 R	3.2 R	73.8 R	
SVOCS																
1-METHYL-2,4-DINITROBENZENE	MG/KG									0.4 U	0.37 U	1.9 U	8.4 U	0.37 U	1.8 U	
2,4,5-TRICHLOROPHENOL	MG/KG									0.98 U	0.91 UJ	4.7 U	20 U	0.91 U	4.2 U	
2,4-DICHLOROPHENOL	MG/KG									0.4 U	0.37 UJ	1.9 U	8.4 U	0.37 U	1.8 U	
2,4-DIMETHYLPHENOL	MG/KG									0.4 U	0.37 UJ	1.9 U	8.4 U	0.37 U	1.8 U	
2,4-DINITROPHENOL	MG/KG									2 U	1.8 UJ	9.4 U	41 U	1.8 UJ	8.5 UJ	
2,6-DINITROTOLUENE	MG/KG									0.4 U	0.37 U	1.9 U	8.4 U	0.37 U	1.8 U	
2-CHLOROPHENOL	MG/KG									0.45	0.37 UJ	1.9 U	8.4 U	0.37 U	1.8 U	
2-METHYLNAPHTHALENE	MG/KG		0.24							0.4 U	0.18 J	0.11 J	8.4 U	2.8	0.12 J	
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	0.4 U	0.37 UJ	1.9 U	8.4 U	0.37 U	1.8 U	
3,3'-DICHLOROBENZIDINE	MG/KG									2 U	1.8 U	9.4 U	41 U	1.8 U	8.5 U	
3-NITROANILINE	MG/KG									2 U	1.8 U	9.4 U	41 U	1.8 U	8.5 U	
4-CHLORO-3-METHYLPHENOL	MG/KG									0.4 U	0.37 UJ	1.9 U	8.4 U	0.37 U	1.8 U	
4-CHLOROANILINE	MG/KG									0.4 U	0.37 U	1.9 U	8.4 U	0.37 U	1.8 U	
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	0.4 U	0.37 UJ	1.9 U	8.4 U	0.37 U	1.8 U	
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	0.4 U	0.089 J	1.9 U	8.4 U	0.37 U	1.8 U	
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	0.4 U	0.55	1.9 U	8.4 U	0.058 J	1.8 U	
ACETOPHENONE	MG/KG									0.4 U	0.37 U	1.9 U	8.4 U	0.37 U	1.8 U	
ANILINE	MG/KG			1,000	55	100		0.46	28	0.4 U	0.37 U	1.9 U	8.4 U	0.37 U	1.8 U	
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	0.4 U	0.79	1.9 U	1 J	0.052 J	0.19 J	
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	0.4 U	1.5	0.37 J	7.7 J	0.24 J	0.79 J	
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	0.4 U	1.6	0.49 J	5.8 J	0.11 J	0.75 J	
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	0.4 U	3.1	1 J	12	0.29 J	1 J	
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	0.4 U	0.79	0.54 J	6.2 J	0.073 J	0.48 J	
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	0.4 U	0.37 U	1.9 U	4.6 J	0.37 U	0.34 J	
BIPHENYL	MG/KG									0.4 U	0.067 J	1.9 U	8.4 U	0.41	1.8 U	
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									0.4 U	0.088 J	0.33 J	8.4 U	0.32 J	0.46 J	
BUTYLBENZYL PHTHALATE	MG/KG									0.4 U	0.37 U	1.9 U	8.4 U	0.37 U	1.8 U	
CAPROLACTAM	MG/KG									0.4 UJ	0.37 UJ	1.9 UJ	8.4 UJ	0.37 UJ	1.8 UJ	
CARBAZOLE	MG/KG									0.4 U	0.3 J	1.9 U	1.1 J	0.37 U	0.11 J	
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	0.4 U	1.8	0.37 J	8.3 J	0.4	0.78 J	
DI-N-BUTYL PHTHALATE	MG/KG									0.4 U	0.37 U	1.9 U	8.4 U	0.37 U	1.8 U	
DI-N-OCTYL PHTHALATE	MG/KG									0.4 U	0.37 U	1.9 U	8.4 U	0.37 U	1.8 U	
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	0.4 U	0.27 J	0.14 J	1.6 J	0.028 J	0.13 J	
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	0.4 U	0.15 J	1.9 U	8.4 U	1	1.8 U	
DIETHYL PHTHALATE	MG/KG									0.4 U	0.37 U	0.76 J	8.4 U	0.37 U	1.8 U	
DIMETHYL PHTHALATE	MG/KG									0.4 U	0.37 U	1.9 U	8.4 U	0.37 U	1.8 U	

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 5
Summary of Analytical Results - Area C Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area	Area C	Area C	Area C	Area C	Area C	Area C
									Location	TB-C11	TB-C11	TB-C12	TB-C12	TB-C13	TB-C13
									Sample Date	01/11/07	01/11/07	01/08/07	01/08/07	01/08/07	01/08/07
									Sample ID	TB-C11-0708	TB-C11-SURFACE	TB-C12-0304	TB-C12-SURFACE	TB-C13-0304	TB-C13-SURFACE
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**						
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	0.4 U	2.7	0.54 J	20	0.46	1.7 J
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	0.4 U	0.13 J	1.9 U	8.4 U	0.37 U	1.8 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	0.4 U	0.37 U	1.9 U	8.4 U	0.37 U	1.8 U
HEXACHLOROBUTADIENE	MG/KG									0.4 U	0.37 U	1.9 U	8.4 U	0.37 U	1.8 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	0.4 U	0.75	0.45 J	5.2 J	0.055 J	0.42 J
N-NITROSODIPHENYLAMINE	MG/KG									0.4 U	0.036 J	1.9 U	8.4 U	0.37 U	1.8 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	0.22 J	8.5	1 J	8.4 U	2.1	1.8 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	0.4 U	0.37 U	1.9 U	8.4 U	0.37 U	1.8 U
O-NITROANANILINE	MG/KG									2 U	1.8 U	9.4 U	41 U	1.8 U	8.5 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	0.4 U	1.6	0.25 J	7.5 J	2.1	1 J
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	0.4 U	0.37 UJ	1.9 U	8.4 U	0.37 U	1.8 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	0.4 U	1.7	0.48 J	15	0.35 J	1.3 J
VOCS															
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	2.4 U	0.005 U	0.005 U	0.005 U	0.008 U	0.004 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									2.4 U	0.005 U	0.005 U	0.005 U	0.008 U	0.004 U
1,2,4-TRICHLOROBENZENE	MG/KG									2.4 UJ	0.026	0.12	0.005 U	0.008 U	0.004 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	2.4 U	0.046	0.002 J	0.002 J	0.008 U	0.004 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	2.4 U	0.005 U	0.005 U	0.005 U	0.008 U	0.004 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	2.4 U	0.004 J	0.005 U	0.005 U	0.008 U	0.004 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	1.3 J	0.01	0.005 U	0.005 U	0.008 U	0.004 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	12 U	0.027 U	0.027 U	0.027 U	0.038 U	0.02 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	12 U	0.037	0.018 J	0.027 U	0.038 U	0.02 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	2.4 U	0.005 U	0.005 U	0.005 U	0.008 U	0.004 U
CARBON DISULFIDE	MG/KG									2.4 U	0.005 U	0.005 U	0.005 U	0.008 U	0.004 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	2.4 U	0.005 U	0.005 U	0.005 U	0.008 U	0.004 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	170	0.021	0.002 J	0.008	0.008 U	0.004 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	2.4 U	0.005 U	0.005 U	0.005 U	0.008 U	0.004 U
CHLOROMETHANE	MG/KG									4.7 U	0.011 U	0.011 U	0.011 U	0.015 U	0.008 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	2.4 U	0.005 U	0.005 U	0.005 U	0.008 U	0.004 U
CYCLOHEXANE	MG/KG									2.4 U	0.005 U	0.005 U	0.005 U	0.003 J	0.004 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	2.4 U	0.005 U	0.005 U	0.005 U	0.008 U	0.004 U
ISOPROPYLBENZENE	MG/KG									2.4 U	0.005 U	0.005 UJ	0.005 UJ	0.008 UJ	0.004 UJ
METHYL ACETATE	MG/KG									2.4 U	0.005 U	0.005 U	0.005 U	0.008 U	0.004 U
METHYLCYCLOHEXANE	MG/KG									2.4 U	0.005 U	0.005 U	0.005 U	0.004 J	0.004 U
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05	2.4 U	0.008 U	0.006 UJ	0.006 UJ	0.008 UJ	0.006 UJ
STYRENE	MG/KG									2.4 U	0.005 U	0.005 U	0.005 U	0.008 U	0.004 U
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3	2.4 U	0.005 U	0.005 U	0.005 U	0.008 U	0.004 U
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7	2.4 U	0.002 J	0.005 U	0.005 U	0.008 U	0.004 U
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47	2.4 U	0.005 U	0.005 U	0.005 U	0.008 U	0.004 U
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02	4.7 U	0.011 U	0.011 U	0.011 U	0.015 U	0.008 U
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26	7.1 U	0.016 U	0.015 J	0.016 U	0.023 U	0.012 U

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R=Rejected value based on data validation process
U=Undetected at listed detection limit

Created by: BCG
Checked by: NF

Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES								Area Location	Area E	Area E	Area E	Area E	Area E	Area E	Area E
										Sample Date	TB-E01	TB-E01	TB-E02	TB-E02	TB-E03	TB-E03	TB-E04
										Sample ID	01/10/07	01/10/07	01/09/07	01/09/07	01/09/07	01/09/07	01/09/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted		TB-E01-0304	TB-E01-SURFACE	TB-E02-0304	TB-E02-SURFACE	TB-E03-0708	TB-E03-SURFACE	TB-E04-0304
METALS																	
CYANIDE	MG/KG			10,000	27	27	27	40	27		1.6 U	1.2 U	1 U	1 U	1.1 U	0.73 U	
ALUMINUM	MG/KG										16900	8490	7480	4920	11200	3110	
ANTIMONY	MG/KG										24.8 R	18.8 R	15.5 UJ	18.9 UJ	18.7 UJ	16.2 UJ	
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13		18.9 J	14 J	2.6	7.6	5.4	2.6	
BARIUM	MG/KG	433		10,000	350	400	400	820	350		174 J	90.3 J	40.4	53.1	63.8	16.3	
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2		0.82	0.58	0.35	0.31	0.53	0.22 U	
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5		6.2 J	0.9 J	0.21 U	0.59	0.25 U	0.22 U	
CALCIUM	MG/KG										6240	23500	21200	23200	43700	21500	
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30		19.8 J	13 J	9	29.9	16.2	14.1	
COBALT	MG/KG										14.7 J	10.9 J	6	5.2	12.1	4	
COPPER	MG/KG	50		10,000	270	270	270	1,720	50		288 J	117 J	9.3	46	25.5	9.5	
IRON	MG/KG										30500 J	27900 J	23900	15100	21100	7890	
LEAD	MG/KG	63		3,900	400	400	1000	450	63		171 J	84.3 J	15.9	145	12.4	7.1	
MAGNESIUM	MG/KG										2730	7730	5570	4260	13000	4110	
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600		297	274	659	738	399	160	
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18		0.11	0.31	0.01 U	0.19	0.02	0.01 U	
NICKEL	MG/KG	30		10,000	140	310	310	130	30		17 J	24.3 J	6.7	28	28.1	18.2	
POTASSIUM	MG/KG										1520 J	1420 J	946 J	671 J	1660 J	534 J	
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9		6.6 U	5 U	4.1 U	5 U	5 U	4.3 U	
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2		0.88	0.63 U	0.52 U	0.63 U	0.62 U	0.54 U	
SODIUM	MG/KG										825 J	347 J	164	176 U	537	151 U	
THALLIUM	MG/KG										9.9 UJ	7.5 UJ	6.2 U	7.5 U	7.5 U	6.5 U	
VANADIUM	MG/KG										33.4 J	19 J	20.5	33	19.3	6.3	
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109		1090 J	300 J	65.6	158	60.6	33.9	
SVOCS																	
1-METHYL-2,4-DINITROBENZENE	MG/KG										0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
2,4,5-TRICHLOROPHENOL	MG/KG										1.4 U	5.2 U	0.82 U	0.96 U	1 U	0.83 U	
2,4-DICHLOROPHENOL	MG/KG										0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
2,4-DIMETHYLPHENOL	MG/KG										0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
2,4-DINITROPHENOL	MG/KG										2.8 U	10 U	1.6 U	1.9 U	2 U	1.7 U	
2,6-DINITROTOLUENE	MG/KG										0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
2-CHLOROPHENOL	MG/KG										0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
2-METHYLNAPHTHALENE	MG/KG		0.24								0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33		0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
3,3'-DICHLOROBENZIDINE	MG/KG										2.8 U	10 U	1.6 U	1.9 U	2 U	1.7 U	
3-NITROANILINE	MG/KG										2.8 U	10 U	1.6 U	1.9 U	2 U	1.7 U	
4-CHLORO-3-METHYLPHENOL	MG/KG										0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
4-CHLOROANILINE	MG/KG										0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33		0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20		0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100		0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
ACETOPHENONE	MG/KG										0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
ANILINE	MG/KG			1,000	55	100		0.46	28		0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100		0.57 U	2.1 U	0.34 U	0.059 J	0.41 U	0.34 U	
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1		0.089 J	0.34 J	0.023 J	0.46	0.41 U	0.34 U	
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1		0.077 J	0.3 J	0.34 U	0.52	0.41 U	0.34 U	
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1		0.12 J	0.48 J	0.019 J	1	0.41 U	0.34 U	
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100		0.094 J	0.25 J	0.34 U	0.41	0.41 U	0.34 U	
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8		0.04 J	0.15 J	0.34 U	0.4 U	0.41 U	0.34 U	
BIPHENYL	MG/KG										0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG										0.57 U	2.1 U	0.34 U	0.2 J	0.41 U	0.087 J	
BUTYLBENZYL PHTHALATE	MG/KG										0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
CAPROLACTAM	MG/KG										0.57 UJ	2.1 UJ	0.34 UJ	0.4 UJ	0.41 UJ	0.34 UJ	
CARBAZOLE	MG/KG										0.57 U	2.1 U	0.34 U	0.058 J	0.41 U	0.34 U	
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1		0.094 J	0.39 J	0.34 U	0.55	0.41 U	0.34 U	
DI-N-BUTYL PHTHALATE	MG/KG										0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
DI-N-OCTYL PHTHALATE	MG/KG										0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33		0.57 U	2.1 U	0.34 U	0.09 J	0.41 U	0.34 U	
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7		0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
DIETHYL PHTHALATE	MG/KG										0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
DIMETHYL PHTHALATE	MG/KG										0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100		0.18 J	0.63 J	0.03 J	1.1	0.41 U	0.019 J	
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30		0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33		0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	

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J=Estimated
N=Uncertain identification
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Created by: BCG
Checked by: NF

Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area E	Area E	Area E	Area E	Area E	Area E	Area E
									Sample Date	TB-E01	TB-E01	TB-E02	TB-E02	TB-E03	TB-E03	TB-E04
									Sample ID	01/10/07	01/10/07	01/09/07	01/09/07	01/09/07	01/09/07	01/09/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	TB-E01-0304	TB-E01-SURFACE	TB-E02-0304	TB-E02-SURFACE	TB-E03-0708	TB-E03-SURFACE	TB-E04-0304
HEXACHLOROBUTADIENE	MG/KG									0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	0.074 J	0.2 J	0.34 U	0.35 J	0.41 U	0.34 U	
N-NITROSODIPHENYLAMINE	MG/KG									0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	0.57 U	0.74 J	0.34 U	0.4 U	0.41 U	0.34 U	
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	0.57 U	0.98 J	0.34 U	0.4 U	0.41 U	0.34 U	
O-NITROANANILINE	MG/KG									2.8 U	10 U	1.6 U	1.9 U	2 U	1.7 U	
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	0.12 J	0.41 J	0.018 J	0.36 J	0.41 U	0.34 U	
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	0.57 U	2.1 U	0.34 U	0.4 U	0.41 U	0.34 U	
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	0.13 J	0.47 J	0.024 J	0.8	0.41 U	0.34 U	
VOCS																
AROCLOR-1242	MG/KG	1		25	1	1	1	3.2	0.1		0.022 U		0.02 U			
AROCLOR-1248	MG/KG	1		25	1	1	1	3.2	0.1		0.022 U		0.12 J			
AROCLOR-1254	MG/KG	1		25	1	1	1	3.2	0.1		0.064		0.21 J			
AROCLOR-1260	MG/KG	1		25	1	1	1	3.2	0.1		0.022 U		0.085 J			
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.008 UJ	0.006 UJ	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.042 U	0.03 U	0.026 U	0.025 U	0.028 U	0.022 U	0.026 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.061 U	0.03 U	0.026 U	0.025 U	0.028 U	0.022 U	0.026 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
CARBON DISULFIDE	MG/KG									0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.008 UJ	0.006 UJ	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
CHLOROMETHANE	MG/KG									0.017 U	0.012 U	0.01 U	0.01 U	0.011 U	0.009 U	0.01 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
CYCLOHEXANE	MG/KG									0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
ISOPROPYLBENZENE	MG/KG									0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
METHYL ACETATE	MG/KG									0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
METHYLCYCLOHEXANE	MG/KG									0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05	0.016 UJ	0.01 UJ	0.009 UJ	0.012 UJ	0.009 UJ	0.01 UJ	0.009 UJ
STYRENE	MG/KG									0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3	0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7	0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47	0.008 U	0.006 U	0.005 U	0.005 U	0.006 U	0.004 U	0.005 U
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02	0.017 U	0.012 U	0.01 U	0.01 U	0.011 U	0.009 U	0.01 U
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26	0.025 U	0.018 U	0.016 U	0.015 U	0.017 U	0.014 U	0.016 U

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

Created by: BCG
Checked by: NF

Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area E	Area E	Area E	Area E	Area E	Area E	Area E	Area E	Area E
									Sample Date	TB-E04	TB-E04	TB-E05	TB-E05	TB-E06	TB-E06	TB-E07	TB-E07	TB-E08
									Sample ID	01/09/07	01/09/07	01/09/07	01/09/07	01/10/07	01/10/07	01/11/07	01/11/07	01/10/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	TB-E04-0708	TB-E04-SURFACE	TB-E05-0708	TB-E05-SURFACE	TB-E06-0304	TB-E06-SURFACE	TB-E07-0304	TB-E07-SURFACE	TB-E08-SURFACE
METALS																		
CYANIDE	MG/KG			10,000	27	27	27	40	27	1.1 U	1 UJ	1.1 U	0.88 U	1.3 U	0.98 U	0.9 UJ	1 UJ	1.2 U
ALUMINUM	MG/KG									13400	4350 J	13300	3180	10900	5640	4370 J	2940 J	3640
ANTIMONY	MG/KG									19 UJ	17.8 UJ	18.7 UJ	16.3 UJ	21.5 R	16.2 R	17.1 UJ	17.8 UJ	18.1 R
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	9.8	3.7	4.2	2.2 U	752 J	6.3 J	2.9 J	31.4 J	198 J
BARIUM	MG/KG	433		10,000	350	400	400	820	350	119	18.5	69.1	16.5	175 J	32.8 J	23.6 J	95.9 J	532 J
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.65	0.24 U	0.59	0.22 U	0.5	0.32	0.23 U	0.42	0.44
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.25 U	0.24 U	0.25 U	0.36	1.1 J	0.57 J	0.87 J	3.2 J	0.42 J
CALCIUM	MG/KG									39500	52100	38300	9800	3060	54800	990 J	165000 J	2160
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	18.9	8	18.6	6.3	18.4 J	12.1 J	5.4	253	22.9 J
COBALT	MG/KG									12.2	3.4	8.1	7.2	7.7 J	6.1 J	2.9	7.4	5.5 J
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	32.4	66	24.1	9.9	340 J	22.4 J	2.7 J	158 J	185 J
IRON	MG/KG									29300	8540	22300	7950	24200 J	15500 J	7830	60700	56000 J
LEAD	MG/KG	63		3,900	400	400	1000	450	63	15.2	12.4	11.5	6.8	182 J	21.7 J	5.8	603	364 J
MAGNESIUM	MG/KG									13200	20000 J	13000	2730	3000	3310	970 J	4000 J	810
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	466	196	313	146	138	418	44.2 J	410 J	110
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	0.03	0.04	0.02 U	0.01 U	0.36	0.05	0.02 U	5.8	0.98
NICKEL	MG/KG	30		10,000	140	310	310	130	30	35.1	15.2	27.6	9.8	21.8 J	20.7 J	5.1	40.8	13 J
POTASSIUM	MG/KG									1870 J	1090	1960 J	533 J	1320 J	1010 J	420 J	447 J	1070 J
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	5.1 U	4.7 U	5 U	4.3 U	5.7 U	4.3 U	4.6 UJ	4.7 UJ	4.8 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.63 U	0.59 U	0.62 U	0.54 U	0.72 U	0.54 U	0.57 U	0.59 U	1.6
SODIUM	MG/KG									435	373	1130	200	200 UJ	152 UJ	302	166 U	465 J
THALLIUM	MG/KG									7.6 U	7.1 U	7.5 U	6.5 U	9.7 J	6.5 UJ	6.8 UJ	7.1 UJ	7.2 UJ
VANADIUM	MG/KG									22.8	11.2	20.5	4.7	22.6 J	10.2 J	9.2 J	19 J	25.2 J
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	81.3	82.1	70.6	36.1	303 J	114 J	40.7	548	231 J
SVOCS																		
1-METHYL-2,4-DINITROBENZENE	MG/KG									0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
2,4,5-TRICHLOROPHENOL	MG/KG									0.97 U	0.98 U	0.96 U	0.88 U	1.2 U	8.6 U	0.92 U	4.6 U	4.9 U
2,4-DICHLOROPHENOL	MG/KG									0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
2,4-DIMETHYLPHENOL	MG/KG									0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
2,4-DINITROPHENOL	MG/KG									1.9 U	2 U	1.9 U	1.8 U	2.3 U	17 U	1.8 U	9.1 U	9.8 U
2,6-DINITROTOLUENE	MG/KG									0.4 U	0.4 U	0.11 J	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
2-CHLOROPHENOL	MG/KG									0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
2-METHYLNAPHTHALENE	MG/KG		0.24							0.4 U	0.4 U	0.39 U	0.36 U	0.029 J	4.5	0.38 U	0.18 J	0.23 J
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
3,3'-DICHLOROBENZIDINE	MG/KG									1.9 U	3.1	1.9 U	1.8 U	2.3 U	17 U	1.8 U	9.1 U	9.8 U
3-NITROANILINE	MG/KG									1.9 U	2 U	1.9 U	1.8 U	2.3 U	17 U	1.8 U	9.1 U	9.8 U
4-CHLORO-3-METHYLPHENOL	MG/KG									0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
4-CHLOROANILINE	MG/KG									0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	0.4 U	0.4 U	0.39 U	0.36 U	0.094 J	2.4 J	0.38 U	0.13 J	2 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	0.4 U	0.4 U	0.39 U	0.36 U	0.038 J	4.3	0.38 U	1.9 U	2 U
ACETOPHENONE	MG/KG									0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
ANILINE	MG/KG			1,000	55	100		0.46	28	0.4 U	0.4 U	0.39 U	0.36 U	0.44 J	3.6 U	0.38 U	5.4	2 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	0.4 U	0.059 J	0.39 U	0.36 U	0.26 J	19	0.38 U	0.38 J	0.1 J
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	0.4 U	0.22 J	0.39 U	0.36 U	0.64	32	0.38 U	1.7 J	0.46 J
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	0.4 U	0.18 J	0.39 U	0.36 U	0.48	23	0.38 U	2.4	0.39 J
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	0.4 U	0.27 J	0.39 U	0.022 J	0.61	30	0.38 U	5	0.66 J
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	0.4 U	0.12 J	0.39 U	0.36 U	0.29 J	15	0.38 U	2	0.34 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	0.4 U	0.076 J	0.39 U	0.36 U	0.22 J	9.7	0.38 U	1.3 J	0.19 J
BIPHENYL	MG/KG									0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	1.3 J	0.38 U	1.9 U	2 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									0.4 U	0.4 U	0.083 J	0.066 J	0.081 J	3.6 U	0.38 U	0.48 J	2 U
BUTYLBENZYL PHTHALATE	MG/KG									0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
CAPROLACTAM	MG/KG									0.4 UJ	0.4 U	0.39 UJ	0.36 UJ	0.48 UJ	3.6 UJ	0.38 UJ	1.9 UJ	2 UJ
CARBAZOLE	MG/KG									0.4 U	0.024 J	0.39 U	0.36 U	0.075 J	10	0.38 U	0.13 J	2 U
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	0.4 U	0.18 J	0.39 U	0.023 J	0.57	26	0.38 U	2.2	0.52 J
DI-N-BUTYL PHTHALATE	MG/KG									0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	0.39 J
DI-N-OCTYL PHTHALATE	MG/KG									0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	0.4 U	0.034 J	0.39 U	0.36 U	0.092 J	4.3	0.38 U	0.6 J	0.11 J
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	0.4 U	0.4 U	0.39 U	0.36 U	0.049 J	12	0.38 U	0.22 J	2 U
DIETHYL PHTHALATE	MG/KG									0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
DIMETHYL PHTHALATE	MG/KG									0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	0.4 U	0.35 J	0.39 U	0.024 J	1.4	86	0.38 U	3.7	0.96 J
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	0.4 U	0.4 U	0.39 U	0.36 U	0.1 J	22	0.38 U	1.9 U	2 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U

*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Checked by: NF

Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES								Area Location	Area E	Area E	Area E	Area E	Area E	Area E	Area E	Area E	Area E
										Sample Date	TB-E04	TB-E04	TB-E05	TB-E05	TB-E06	TB-E06	TB-E07	TB-E07	TB-E08
											01/09/07	01/09/07	01/09/07	01/09/07	01/10/07	01/10/07	01/11/07	01/11/07	01/10/07
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**	**Sample ID**	TB-E04-0708	TB-E04-SURFACE	TB-E05-0708	TB-E05-SURFACE	TB-E06-0304	TB-E06-SURFACE	TB-E07-0304	TB-E07-SURFACE	TB-E08-SURFACE
HEXACHLOROBUTADIENE	MG/KG										0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5		0.4 U	0.11 J	0.39 U	0.36 U	0.25 J	14	0.38 U	1.9	0.32 J
N-NITROSODIPHENYLAMINE	MG/KG										0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12		0.4 U	0.4 U	0.39 U	0.36 U	0.07 J	10	0.38 U	1.9 U	0.23 J
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6		0.4 U	0.4 U	0.39 U	0.36 U	0.48 U	3.6 U	0.38 U	1.9 U	2 U
O-NITROANANILINE	MG/KG										1.9 U	2 U	1.9 U	1.8 U	2.3 U	17 U	1.8 U	9.1 U	9.8 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100		0.4 U	0.24 J	0.39 U	0.36 U	1	90	0.38 U	2.1	0.72 J
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33		0.4 U	0.4 U	0.39 U	0.36 U	0.14 J	3.6 U	0.38 U	1.9 U	2 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100		0.4 U	0.27 J	0.39 U	0.024 J	1.1	51	0.38 U	2.3	0.71 J
VOCS																			
AROCLOR-1242	MG/KG	1		25	1	1	1	3.2	0.1										
AROCLOR-1248	MG/KG	1		25	1	1	1	3.2	0.1										
AROCLOR-1254	MG/KG	1		25	1	1	1	3.2	0.1										
AROCLOR-1260	MG/KG	1		25	1	1	1	3.2	0.1										
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68			0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 UJ	0.005 U	0.006 U	0.006 UJ
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG											0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.005 U	0.006 U	0.006 UJ
1,2,4-TRICHLOROBENZENE	MG/KG											0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.002 J	0.006 U	0.006 UJ
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1			0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.034	0.006 U	0.006 UJ
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02			0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.005 U	0.006 U	0.006 UJ
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4			0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.005 U	0.006 U	0.006 UJ
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8			0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.042	0.006 U	0.006 UJ
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12			0.028 U	0.025 U	0.03 U	0.018 J	0.024 U	0.01 J	0.029 U	0.03 UJ
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05			0.028 U	0.025 U	0.03 U	0.093 J	0.024 U	0.068	0.029 U	0.03 UJ
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06			0.006 U	0.005 U	0.006 U	81	0.005 U	0.1	0.006 U	0.01 J
CARBON DISULFIDE	MG/KG											0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.002 J	0.006 U	0.005 J
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76			0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 UJ	0.005 U	0.006 U	0.006 UJ
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1			0.006 U	0.005 U	0.006 U	56	0.005 U	0.12	0.006 U	82
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37			0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.005 U	0.006 U	0.006 UJ
CHLOROMETHANE	MG/KG											0.011 U	0.01 U	0.012 U	0.014 UJ	0.01 U	0.01 U	0.011 U	0.012 UJ
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25			0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.005 U	0.006 U	0.006 UJ
CYCLOHEXANE	MG/KG											0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.005 U	0.006 U	0.006 UJ
ETHYLBENZENE	MG/KG			780	30	41	390	1	1			0.006 U	0.005 U	0.006 U	0.006 J	0.005 U	0.005 U	0.006 U	0.006 UJ
ISOPROPYLBENZENE	MG/KG											0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.005 U	0.006 U	0.006 UJ
METHYL ACETATE	MG/KG											0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.005 U	0.006 U	0.006 UJ
METHYLCYCLOHEXANE	MG/KG											0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.005 U	0.006 U	0.006 UJ
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05			0.01 U	0.008 UJ	0.013 UJ	0.009 UJ	0.009 UJ	0.016 U	0.007 U	0.008 UJ
STYRENE	MG/KG											0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.005 U	0.006 U	0.006 UJ
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3			0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.005 U	0.006 U	0.006 UJ
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7			0.006 U	0.005 U	0.006 U	0.002 J	0.005 U	0.005 U	0.006 U	0.006 UJ
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47			0.006 U	0.005 U	0.006 U	0.007 UJ	0.005 U	0.005 U	0.006 U	0.006 UJ
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02			0.011 U	0.01 U	0.012 U	0.014 UJ	0.01 U	0.01 U	0.011 U	0.012 UJ
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26			0.016 U	0.015 U	0.018 U	0.008 J	0.014 U	0.016 U	0.017 U	0.018 UJ

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

Created by: BCG
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Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

Parameter	Units	NY SOIL CLEANUP OBJECTIVES Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	Area Location / Sample Date / Sample ID: Area E TB-E09 01/11/07 TB-E09-0304	Area E TB-E09 01/11/07 TB-E09-SURFACE	Area E TB-E10 01/10/07 TB-E10-0304	Area E TB-E10 01/10/07 TB-E10-SURFACE	Area E TB-E11 01/11/07 TB-E11-0304	Area E TB-E11 01/11/07 TB-E11-SURFACE	Area E TB-E12 01/11/07 TB-E12-0304	Area E TB-E12 01/11/07 TB-E12-SURFACE	Area E TB-E13 01/10/07 TB-E13-0405
METALS																		
CYANIDE	MG/KG			10,000	27	27	27	40	27	0.97 UJ	0.8 UJ	1.1 U	1.1 U	1.1 UJ	1 UJ	1.1 UJ	1.1 UJ	1 U
ALUMINUM	MG/KG									12000 J	1150 J	9130	13700	11400 J	11500 J	10400 J	776 J	10000
ANTIMONY	MG/KG									16.9 UJ	15.7 UJ	18.9 R	19.7 R	18.3 UJ	18 UJ	18 UJ	18.3 UJ	19 UJ
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	10 J	2.1 UJ	5.6 J	11.9 J	7.4 J	6.7 J	10.2 J	24.4 J	7.8
BARIUM	MG/KG	433		10,000	350	400	400	820	350	128 J	9.4 J	57.6 J	92.6 J	72.3 J	88.2 J	54 J	43.8 J	56.4 J
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.63	0.25	0.46	0.67	0.57	0.58	0.55	0.42	0.48
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.49 J	0.21 UJ	0.25 UJ	0.45 J	0.67 J	0.54 J	0.6 J	0.37 J	0.25 U
CALCIUM	MG/KG									2030 J	262000 J	1880	45700	4090 J	5090 J	2160 J	1970 J	49200
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	16.8	6.2	11.5 J	26.2 J	16.5	16.4	14.7	5.8	14.3
COBALT	MG/KG									9.8	0.84	10.2 J	12.7 J	11.4	9	11.7	1.3	8.9
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	23 J	6.2 J	8.9 J	35.2 J	26.4 J	24.5 J	27 J	18.2 J	26.6
IRON	MG/KG									26200	3150	21000 J	31400 J	25200	23500	27700	13100	21900
LEAD	MG/KG	63		3,900	400	400	1000	450	63	14.2	4.7	10.1 J	21.2 J	13.9	14.2	16.8	44	13.5
MAGNESIUM	MG/KG									3540 J	8830 J	1510	12000	4570 J	3810 J	3890 J	348 J	13000
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	190 J	173 J	405	523	220 J	220 J	167 J	23.5 J	388
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	0.05	0.05	0.04	0.04	0.02	0.03	0.03	0.36	0.02
NICKEL	MG/KG	30		10,000	140	310	310	130	30	25.6	5.7	12.6 J	36.1 J	31.7	23.7	30.6	4.5	25.6
POTASSIUM	MG/KG									889 J	511 J	484 J	2130 J	1100 J	909 J	963 J	607 J	1300 J
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	4.5 UJ	4.2 UJ	5 U	5.3 U	4.9 UJ	4.8 UJ	4.8 UJ	4.9 UJ	5.1 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.56 U	0.52 U	0.63 U	0.66 U	0.61 U	0.6 U	0.6 U	0.61 U	0.63 U
SODIUM	MG/KG									860	147 U	176 UJ	266 J	225	249	168 U	435	548
THALLIUM	MG/KG									6.8 UJ	6.3 UJ	7.5 UJ	7.9 UJ	7.3 UJ	7.2 UJ	7.2 UJ	7.3 UJ	7.6 U
VANADIUM	MG/KG									26.8 J	5.2 J	21 J	24.5 J	20.5 J	21.1 J	20.5 J	8 J	17.7
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	57.1	11.3	45.2 J	106 J	67.3	64	60	60.7	65 J
SVOCS																		
1-METHYL-2,4-DINITROBENZENE	MG/KG									0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.24 J	0.38 U
2,4,5-TRICHLOROPHENOL	MG/KG									0.94 U	16 U	0.99 U	1 U	0.94 U	0.94 U	0.98 U	0.99 U	0.93 U
2,4-DICHLOROPHENOL	MG/KG									0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.13 J
2,4-DIMETHYLPHENOL	MG/KG									0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
2,4-DINITROPHENOL	MG/KG									1.9 U	32 U	2 U	2 U	1.9 U	1.9 U	2 U	2 U	1.9 U
2,6-DINITROTOLUENE	MG/KG									0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.19 J	0.38 U
2-CHLOROPHENOL	MG/KG									0.28 J	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
2-METHYLNAPHTHALENE	MG/KG		0.24							0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	1.5	0.38 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
3,3'-DICHLOROBENZIDINE	MG/KG									1.9 U	32 U	2 U	2 U	1.9 U	1.9 U	2 U	2 U	1.9 U
3-NITROANILINE	MG/KG									1.9 U	32 U	2 U	2 U	1.9 U	1.9 U	2 U	2 U	1.9 U
4-CHLORO-3-METHYLPHENOL	MG/KG									0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
4-CHLOROANILINE	MG/KG									0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
ACETOPHENONE	MG/KG									0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.036 J	0.38 U
ANILINE	MG/KG			1,000	55	100		0.46	28	0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	0.39 U	6.7 U	0.41 U	0.12 J	1.7	0.92	0.4 U	0.41 U	3
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	0.39 U	6.7 U	0.41 U	0.07 J	0.39 U	0.39 U	0.4 U	0.038 J	0.38 U
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	0.39 U	0.5 J	0.41 U	0.18 J	0.39 U	0.39 U	0.4 U	0.23 J	0.38 U
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	0.39 U	6.7 U	0.41 U	0.14 J	0.39 U	0.39 U	0.4 U	0.13 J	0.38 U
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	0.39 U	0.54 J	0.41 U	0.19 J	0.39 U	0.39 U	0.4 U	0.27 J	0.38 U
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	0.39 U	6.7 U	0.41 U	0.099 J	0.39 U	0.39 U	0.4 U	0.09 J	0.38 U
BIPHENYL	MG/KG									0.39 U	6.7 U	0.41 U	0.062 J	0.39 U	0.39 U	0.4 U	0.075 J	0.38 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.17 J	0.38 U
BUTYLBENZYL PHTHALATE	MG/KG									0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.11 J	0.38 U
CAPROLACTAM	MG/KG									0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
CARBAZOLE	MG/KG									0.39 UJ	6.7 UJ	0.41 UJ	0.42 UJ	0.39 UJ	0.39 UJ	0.4 UJ	0.41 UJ	0.38 UJ
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	0.39 U	6.7 U	0.41 U	0.037 J	0.39 U	0.39 U	0.4 U	0.052 J	0.38 U
DI-N-BUTYL PHTHALATE	MG/KG									0.39 U	0.6 J	0.41 U	0.16 J	0.39 U	0.39 U	0.4 U	0.32 J	0.38 U
DI-N-OCTYL PHTHALATE	MG/KG									0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	0.39 U	6.7 U	0.41 U	0.026 J	0.39 U	0.39 U	0.4 U	0.029 J	0.38 U
DIETHYL PHTHALATE	MG/KG									0.39 U	6.7 U	0.41 U	0.022 J	0.39 U	0.39 U	0.4 U	0.5	0.38 U
DIMETHYL PHTHALATE	MG/KG									0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	0.39 U	1.5 J	0.41 U	0.5	0.39 U	0.39 U	0.4 U	0.35 J	0.38 U
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	0.39 U	6.7 U	0.41 U	0.062 J	0.39 U	0.39 U	0.4 U	0.051 J	0.38 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U

*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area E	Area E	Area E	Area E	Area E	Area E	Area E	Area E	Area E
									Sample Date	TB-E09	TB-E09	TB-E10	TB-E10	TB-E11	TB-E11	TB-E12	TB-E12	TB-E13
									Sample ID	01/11/07	01/11/07	01/10/07	01/10/07	01/11/07	01/11/07	01/11/07	01/11/07	01/10/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	TB-E09-0304	TB-E09-SURFACE	TB-E10-0304	TB-E10-SURFACE	TB-E11-0304	TB-E11-SURFACE	TB-E12-0304	TB-E12-SURFACE	TB-E13-0405
HEXACHLOROBUTADIENE	MG/KG									0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	0.39 U	6.7 U	0.41 U	0.086 J	0.39 U	0.39 U	0.4 U	0.069 J	0.38 U
N-NITROSODIPHENYLAMINE	MG/KG									0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	0.22 J	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.92	0.12 J
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	0.39 U	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.48
O-NITROANANILINE	MG/KG									1.9 U	32 U	2 U	2 U	1.9 U	1.9 U	2 U	2 U	1.9 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	0.39 U	1.6 J	0.41 U	0.46	0.39 U	0.39 U	0.4 U	1.1	0.38 U
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	0.12 J	6.7 U	0.41 U	0.42 U	0.39 U	0.39 U	0.4 U	0.41 U	0.38 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	0.39 U	0.84 J	0.41 U	0.36 J	0.39 U	0.39 U	0.4 U	0.24 J	0.38 U
VOCS																		
AROCLOR-1242	MG/KG	1		25	1	1	1	3.2	0.1									
AROCLOR-1248	MG/KG	1		25	1	1	1	3.2	0.1									
AROCLOR-1254	MG/KG	1		25	1	1	1	3.2	0.1									
AROCLOR-1260	MG/KG	1		25	1	1	1	3.2	0.1									
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	2.5 U	0.004 U	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U	0.008 U	0.006 UJ
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									2.5 U	0.004 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 UJ
1,2,4-TRICHLOROBENZENE	MG/KG									2.5 UJ	0.004 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	0.072 J
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	2.5 U	0.004 U	0.001 J	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	110
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	2.5 U	0.004 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 UJ
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	2.5 U	0.004 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	0.28 J
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	2.5 U	0.004 U	0.006 J	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	14
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	13 U	0.021 U	0.027 UJ	0.026 U	0.025 U	0.024 U	0.027 U	0.042 U	0.028 UJ
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	13 U	0.021 U	0.027 U	0.026 U	0.019 J	0.023 J	0.024 J	0.042 U	0.028 UJ
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	57	0.004 U	0.006 J	0.002 J	0.002 J	0.005 U	0.005 U	0.008 U	0.15 J
CARBON DISULFIDE	MG/KG									2.5 U	0.004 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 UJ
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	2.5 U	0.004 U	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U	0.008 U	0.006 UJ
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	240	0.002 J	7.9	0.017	0.012	0.014	0.003 J	0.005 J	0.92 J
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	2.5 U	0.004 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 UJ
CHLOROMETHANE	MG/KG									5.1 U	0.008 U	0.011 UJ	0.01 U	0.01 U	0.01 U	0.011 U	0.017 U	0.011 UJ
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	2.5 U	0.004 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 UJ
CYCLOHEXANE	MG/KG									2.5 U	0.001 J	0.005 UJ	0.001 J	0.005 U	0.002 J	0.005 U	0.008 U	0.002 J
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	4.8	0.004 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	0.018 J
ISOPROPYLBENZENE	MG/KG									2.5 U	0.004 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 UJ
METHYL ACETATE	MG/KG									2.5 U	0.004 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 UJ
METHYLCYCLOHEXANE	MG/KG									2.5 U	0.003 J	0.005 UJ	0.001 J	0.005 U	0.002 J	0.005 U	0.002 J	0.002 J
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05	2.5 U	0.008 U	0.009 UJ	0.008 UJ	0.01 U	0.007 U	0.01 U	0.009 U	0.01 UJ
STYRENE	MG/KG									2.5 U	0.004 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 UJ
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3	2.5 U	0.004 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 UJ
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7	2.5 U	0.001 J	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	0.73 J
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47	2.5 U	0.004 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.008 U	0.006 UJ
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02	5.1 U	0.008 U	0.011 UJ	0.01 U	0.01 U	0.01 U	0.011 U	0.017 U	0.011 UJ
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26	7.6 U	0.013 U	0.016 UJ	0.015 U	0.015 U	0.014 U	0.016 U	0.026 U	0.007 J

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

Created by: BCG
Checked by: NF

Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

Parameter	Units	NY SOIL CLEANUP OBJECTIVES Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	Area Location / Sample Date / Sample ID: Area E TB-E13 01/10/07 TB-E13-SURFACE	Area E TB-E14 01/10/07 TB-E14-0304	Area E TB-E14 01/10/07 TB-E14-SURFACE	Area E TB-E15 01/10/07 TB-E15-0203	Area E TB-E15 01/10/07 TB-E15-SURFACE	Area E TB-E16 01/10/07 TB-E16-D203	Area E TB-E16 01/10/07 TB-E16-SURFACE	Area E TB-E17 01/09/07 TB-E17-0102	Area E TB-E17 01/09/07 TB-E17-SUFACE
METALS																		
CYANIDE	MG/KG			10,000	27	27	27	40	27	0.64 U	1.1 U	1 U	0.96 U	1.7	0.82 U	0.86 U	0.78 UJ	0.96 UJ
ALUMINUM	MG/KG									7020	8470	7630	5360	9250	8340	9320	3800 J	7340 J
ANTIMONY	MG/KG									15.7 J	20.5 UJ	18.3 UJ	18.7 UJ	119 J	19.3 J	42.7 J	18.5 UJ	17.9 UJ
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	24	2.7 U	6.3	53.1	234	82.5	43.6	50.1	7.4
BARIUM	MG/KG	433		10,000	350	400	400	820	350	62.1 J	50.2 J	33.4 J	466 J	248 J	173	189	27.8	82.1
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.55	0.27 U	0.36	0.44	1.2	0.97	1.5	0.41	1.2
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	1.9	0.27 U	0.67	2.5	5.9	2.2	0.72	0.49	0.49
CALCIUM	MG/KG									114000	1830	32700	2370	47500	9000	40700	95900	150000
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	42.6	7.7	10.6	335	482	40.1	153	6.4	533
COBALT	MG/KG									11.1	2	9.7	3.9	10	9.4	4.3	3.8	8.1
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	120	3.7	29.1	312	504	146	110	9.5	56.9
IRON	MG/KG									16100	8510	17500	34200	81900	36500	30700	7460	263000
LEAD	MG/KG	63		3,900	400	400	1000	450	63	151	7.7	18.9	2100	2830	189	186	47.9	260
MAGNESIUM	MG/KG									23900	1150	10100	655	5400	1710	4970	5460 J	9800 J
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	381	79.2	537	63.5	1800	510	933	235	12300
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	4.8	0.04	0.03	3.3	14.3	2.9	12.2	0.91	0.24
NICKEL	MG/KG	30		10,000	140	310	310	130	30	68.7	6.7	21.5	15.9	87.9	26.2	15.1	10.7	118
POTASSIUM	MG/KG									677 J	629 J	1000 J	516 J	791 J	709 J	1070 J	899	762
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	4.2 U	5.5 U	4.9 U	5 U	5.2 U	4.8 U	4.8 U	4.9 U	4.8 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.52 U	0.68 U	0.61 U	0.62 U	0.65 U	0.36 U	0.36 U	0.62 U	0.6 U
SODIUM	MG/KG									253	528	270	175 U	412	263	220	202	198
THALLIUM	MG/KG									6.3 U	8.2 U	7.3 U	7.5 U	7.9 U	7.2 U	7.2 U	7.4 U	7.1 U
VANADIUM	MG/KG									13.3	16.9	14.7	23.5	55.3	20.2	50.3	9.1	241
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	548 J	23.9 J	112 J	626 J	3950 J	1800	290	104	135
SVOCS																		
1-METHYL-2,4-DINITROBENZENE	MG/KG									0.34 U	0.42 U	0.41 U	60	3.7 J	7.7 U	4 U	4 U	1.8 U
2,4,5-TRICHLOROPHENOL	MG/KG									0.83 U	1 U	1 U	10 U	22 U	19 U	9.7 U	9.6 U	4.4 U
2,4-DICHLOROPHENOL	MG/KG									0.34 U	0.42 U	0.41 U	0.26 J	8.9 U	7.7 U	4 U	4 U	1.8 U
2,4-DIMETHYLPHENOL	MG/KG									0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
2,4-DINITROPHENOL	MG/KG									1.7 U	2 U	2 U	21 U	43 U	38 U	19 U	19 U	8.7 U
2,6-DINITROTOLUENE	MG/KG									0.34 U	0.42 U	0.41 U	90	2.4 J	7.7 U	4 U	4 U	1.8 U
2-CHLOROPHENOL	MG/KG									0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
2-METHYLNAPHTHALENE	MG/KG		0.24							0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	0.4 J	4 U	4 U	1.8 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
3,3'-DICHLOROBENZIDINE	MG/KG									0.66 J	2 U	2 U	21 U	43 U	38 U	19 U	19 U	8.7 U
3-NITROANILINE	MG/KG									1.7 U	2 U	2 U	21 U	43 U	38 U	19 U	19 U	8.7 U
4-CHLORO-3-METHYLPHENOL	MG/KG									0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
4-CHLOROANILINE	MG/KG									0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	0.97 J	4 U	4 U	0.099 J
ACETOPHENONE	MG/KG									0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	1.7 J	4 U	4 U	0.038 J
ANILINE	MG/KG			1,000	55	100		0.46	28	0.36	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	0.14 J	0.42 U	0.41 U	4.3 U	8.9 U	3.5 J	4 U	0.18 J	0.33 J
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	0.15 J	0.42 U	0.41 U	4.3 U	4.3 J	9	0.43 J	0.41 J	1 J
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	0.3 J	0.42 U	0.41 U	0.47 J	2.1 J	8	0.33 J	0.37 J	1 J
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	0.086 J	0.42 U	0.41 U	4.3 U	5.8 J	14	0.57 J	0.58 J	1.4 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	0.12 J	0.42 U	0.41 U	4.3 U	1.4 J	5.8 J	4 U	0.55 J	0.95 J
BIPHENYL	MG/KG									0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	0.25 J	0.61 J
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									0.17 J	0.11 J	0.071 J	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
BUTYLBENZYL PHTHALATE	MG/KG									0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
CAPROLACTAM	MG/KG									0.34 UJ	0.42 UJ	0.41 UJ	4.3 UJ	8.9 UJ	7.7 UJ	4 UJ	4 U	1.8 U
CARBAZOLE	MG/KG									0.02 J	0.42 U	0.41 U	4.3 U	0.59 J	3.1 J	4 U	4 U	0.18 J
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	0.17 J	0.42 U	0.41 U	4.3 U	3.6 J	8.4	0.36 J	0.5 J	1 J
DI-N-BUTYL PHTHALATE	MG/KG									0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
DI-N-OCTYL PHTHALATE	MG/KG									0.34 U	0.032 J	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	0.045 J
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	0.023 J	0.42 U	0.41 U	4.3 U	0.52 J	1.6 J	4 U	0.12 J	0.27 J
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	0.34 U	0.42 U	0.41 U	4.3 U	0.52 J	1.3 J	4 U	4 U	0.068 J
DIETHYL PHTHALATE	MG/KG									0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
DIMETHYL PHTHALATE	MG/KG									0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	0.34 U	0.42 U	0.41 U	4.3 U	7.3 J	21	0.67 J	0.95 J	2
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	0.34 U	0.42 U	0.41 U	4.3 U	0.67 J	2.6 J	4 U	4 U	0.1 J
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	0.043 J	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Checked by: NF

Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area E	Area E	Area E	Area E	Area E	Area E	Area E	Area E	Area E
									Sample Date	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/09/07	01/09/07
									Sample ID	TB-E13-SURFACE	TB-E14-0304	TB-E14-SURFACE	TB-E15-0203	TB-E15-SURFACE	TB-E16-D203	TB-E16-SURFACE	TB-E17-0102	TB-E17-SUFACE
Parameter	**Units**	**Eco**	**BTV***	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**									
HEXACHLOROBUTADIENE	MG/KG									0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	0.083 J	0.42 U	0.41 U	4.3 U	1.4 J	4.8 J	4 U	0.32 J	0.85 J
N-NITROSODIPHENYLAMINE	MG/KG									0.34 U	0.42 U	0.41 U	4.3 U	0.84 J	0.97 J	4 U	4 U	1.8 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	0.34 U	0.42 U	0.41 U	3.5 J	7.4 J	46	1.1 J	4 U	0.039 J
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	0.13 J	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
O-NITROANANILINE	MG/KG									1.7 U	2 U	2 U	21 U	43 U	38 U	19 U	19 U	8.7 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	0.34 U	0.42 U	0.41 U	4.3 U	7.3 J	21	0.62 J	0.57 J	1.4 J
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	0.34 U	0.42 U	0.41 U	4.3 U	8.9 U	7.7 U	4 U	4 U	1.8 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	0.34 U	0.42 U	0.41 U	4.3 U	5.4 J	15	0.46 J	0.61 J	1.4 J
VOCS																		
AROCLOR-1242	MG/KG	1		25	1	1	1	3.2	0.1									
AROCLOR-1248	MG/KG	1		25	1	1	1	3.2	0.1									
AROCLOR-1254	MG/KG	1		25	1	1	1	3.2	0.1									
AROCLOR-1260	MG/KG	1		25	1	1	1	3.2	0.1									
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.005 U	0.006 U	0.006 UJ	0.007 U	0.007 U	6.6 U	0.006 UJ	0.007 U	0.004 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.005 U	0.006 U	0.006 UJ	0.007 U	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.005 U	0.004 J	0.003 J	0.007 U	0.007 U	1.8 J	0.006 U	0.007 U	0.004 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.003 J	0.2	2.3	0.15	0.007 U	20	0.006 U	0.007 U	0.004 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.005 U	0.006 U	0.006 UJ	0.007 U	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.005 U	0.002 J	0.004 J	0.004 J	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.005 U	0.026	0.28	0.019	0.007 U	12	0.006 U	0.007 U	0.004 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.025 U	0.028 U	0.031 UJ	0.036 U	0.036 U	33 U	0.031 U	0.036 U	0.021 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.025 U	0.025 J	0.042 J	0.036 U	0.036 U	33 U	0.031 U	0.036 U	0.021 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.005 U	0.006 U	0.006 UJ	0.007 U	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
CARBON DISULFIDE	MG/KG									0.005 U	0.006 U	0.006 UJ	0.005 J	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.005 U	0.006 U	0.006 UJ	0.007 U	0.007 U	6.6 U	0.006 UJ	0.007 U	0.004 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.005 U	0.006 U	0.006 J	0.075	0.007 U	470	0.006 U	0.007 U	0.004 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.005 U	0.006 U	0.006 UJ	0.007 U	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
CHLOROMETHANE	MG/KG									0.01 U	0.011 U	0.012 UJ	0.014 U	0.014 U	13 U	0.012 U	0.014 U	0.008 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.005 U	0.006 U	0.006 UJ	0.007 U	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
CYCLOHEXANE	MG/KG									0.005 U	0.006 U	0.006 UJ	0.007 U	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.005 U	0.006 U	0.006 UJ	0.007 U	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
ISOPROPYLBENZENE	MG/KG									0.005 U	0.006 U	0.006 UJ	0.007 U	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
METHYL ACETATE	MG/KG									0.005 U	0.006 U	0.84	0.007 U	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
METHYLCYCLOHEXANE	MG/KG									0.005 U	0.006 U	0.006 UJ	0.007 U	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05	0.006 UJ	0.008 UJ	0.011 UJ	0.011 UJ	0.009 UJ	6.6 U	0.009 UJ	0.01 U	0.007 U
STYRENE	MG/KG									0.005 U	0.006 U	0.006 UJ	0.007 U	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3	0.005 U	0.006 U	0.006 UJ	0.007 U	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7	0.005 U	0.006 U	0.004 J	0.045	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47	0.005 U	0.006 U	0.006 UJ	0.007 U	0.007 U	6.6 U	0.006 U	0.007 U	0.004 U
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02	0.01 U	0.011 U	0.012 UJ	0.014 U	0.014 U	13 U	0.012 U	0.014 U	0.008 U
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26	0.015 U	0.017 U	0.019 UJ	0.01 J	0.021 U	3.9 J	0.018 U	0.021 U	0.013 U

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Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area	Area E	Area E	Area E	Area E	Area E	Area E	Area E	Area E	Area E
									Location	TB-E18	TB-E18	TB-E19	TB-E19	TB-E20	TB-E20	TB-E21	TB-E21	TB-E22
									Sample Date	01/09/07	01/09/07	01/10/07	01/10/07	01/10/07	01/10/07	01/11/07	01/11/07	01/10/07
									Sample ID	TB-E18-0304	TB-E18-SURFACE	TB-E19-0304	TB-E19-SURFACE	TB-E20-0607	TB-E20-SURFACE	TB-E21-0304	TB-E21-SURFACE	TB-E22-0304
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted									
METALS																		
CYANIDE	MG/KG			10,000	27	27	27	40	27	0.95 UJ	1 UJ	0.93 U	0.94 U	1.1 U	0.99 U	1.1 UJ	1 UJ	1.1 U
ALUMINUM	MG/KG									3040 J	8330 J	4080	6150	12600	20400	13100 J	3590 J	10100
ANTIMONY	MG/KG									18.4 UJ	18.4 UJ	305 J	18.8 UJ	17.5 UJ	16.1 UJ	19 UJ	15.5 UJ	20.2 UJ
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	20.6	26.4	20.2	22.7	8.9	2.1 U	6.9 J	2.1 UJ	13.4
BARIUM	MG/KG	433		10,000	350	400	400	820	350	101	164	102 J	110 J	70.1 J	84.7 J	87.6 J	15.9 J	73.5 J
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.4	0.79	0.32	0.58	0.61	4.5	0.62	0.21 U	0.37
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.25 U	0.9	1.2	4.4	0.23 U	0.55	0.29 J	0.33 J	0.3
CALCIUM	MG/KG									3120	37000	60300	46300	34000	175000	2900 J	54000 J	3990
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	5.3	119	46.9	14.4	17.6	5.3	17.4	4.4	11.3
COBALT	MG/KG									3.8	6.9	5.6	13.2	11.1	0.59	8.1	2	2.5
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	124	132	200	583	30	1.4	23.2 J	8 J	73.4
IRON	MG/KG									17100	29100	22000	39000	26400	7090	23000	6440	9890
LEAD	MG/KG	63		3,900	400	400	1000	450	63	74.6	162	199	287	14.8	1.5	11.9	10.3	89.4
MAGNESIUM	MG/KG									537 J	14400 J	17400	25000	11800	45100	4270 J	31500 J	1340
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	115	508	354	363	386	1620	271 J	402 J	103
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	0.47	0.84	5.8	0.28	0.02	0.01 U	0.03	0.01 U	0.14
NICKEL	MG/KG	30		10,000	140	310	310	130	30	9.9	23.1	25.8	18.4	31	2	24.7	4.8	7
POTASSIUM	MG/KG									330	1060	677 J	843 J	1970 J	1220 J	989 J	512 J	607 J
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	4.9 U	4.9 U	4.2 U	5 U	4.7 U	4.3 U	5.1 UJ	4.1 UJ	5.4 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	1.3	0.61 U	0.52 U	1.4	0.58 U	0.54 U	0.63 U	0.52 U	0.67 U
SODIUM	MG/KG									180	196	205	330	874	1530	516	399	238
THALLIUM	MG/KG									7.4 U	7.3 U	6.3 U	7.5 U	7 U	6.4 U	7.6 UJ	6.2 UJ	8.1 U
VANADIUM	MG/KG									11.1	21.6	13.4	16.5	22.6	7.5	21.5 J	7.8 J	12.9
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	83.7	260	989 J	2000 J	69.7 J	2.9 J	62.7	52.3	299 J
SVOCS																		
1-METHYL-2,4-DINITROBENZENE	MG/KG									2 U	4 U	7.2 U	4 U	1.9	6.7 U	0.4 U	3.5 U	2.2 U
2,4,5-TRICHLOROPHENOL	MG/KG									5 U	9.7 U	17 U	9.8 U	0.95 U	16 U	0.97 U	8.5 U	5.2 U
2,4-DICHLOROPHENOL	MG/KG									2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
2,4-DIMETHYLPHENOL	MG/KG									2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
2,4-DINITROPHENOL	MG/KG									10 U	19 U	35 U	20 U	1.9 U	32 U	1.9 U	17 U	10 U
2,6-DINITROTOLUENE	MG/KG									2 U	4 U	7.2 U	4 U	1.2	6.7 U	0.4 U	3.5 U	2.2 U
2-CHLOROPHENOL	MG/KG									2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
2-METHYLNAPHTHALENE	MG/KG		0.24							0.21 J	0.17 J	7.2 U	2.3 J	0.39 U	6.7 U	0.058 J	77	2.2 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
3,3'-DICHLOROBENZIDINE	MG/KG									10 U	19 U	35 U	20 U	1.9 U	32 U	1.9 U	17 U	10 U
3-NITROANILINE	MG/KG									10 U	19 U	35 U	20 U	1.9 U	32 U	1.9 U	17 U	10 U
4-CHLORO-3-METHYLPHENOL	MG/KG									2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
4-CHLOROANILINE	MG/KG									2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	0.13 J	0.32 J	7.2 U	9.3	0.39 U	6.7 U	0.4 U	16	2.2 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	0.38 J	0.31 J	7.2 U	4 U	0.39 U	6.7 U	0.4 U	15	2.2 U
ACETOPHENONE	MG/KG									2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
ANILINE	MG/KG			1,000	55	100		0.46	28	2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	0.15 J	0.85 J	7.2 U	25	0.39 U	6.7 U	0.4 U	54	0.22 J
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	1.1 J	2.3 J	7.2 U	25	0.39 U	6.7 U	0.4 U	62	0.62 J
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	1.5 J	2 J	1.4 J	19	0.39 U	0.58 J	0.4 U	44	0.56 J
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	1.8 J	2.5 J	7.2 U	27	0.39 U	6.7 U	0.4 U	56	0.76 J
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	1.4 J	1.6 J	0.55 J	6.7	0.39 U	6.7 U	0.4 U	17	0.33 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	0.79 J	1 J	0.55 J	7.6	0.39 U	6.7 U	0.4 U	24	0.23 J
BIPHENYL	MG/KG									2 U	4 U	7.2 U	0.64 J	0.39 U	6.7 U	0.4 U	13	2.2 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
BUTYLBENZYL PHTHALATE	MG/KG									2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
CAPROLACTAM	MG/KG									2 U	4 U	7.2 UJ	4 UJ	0.39 UJ	6.7 UJ	0.4 UJ	3.5 UJ	2.2 UJ
CARBAZOLE	MG/KG									0.2 J	0.28 J	7.2 U	13	0.39 U	6.7 U	0.055 J	30	2.2 U
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	1.3 J	2 J	7.2 U	22	0.39 U	6.7 U	0.4 U	48	0.6 J
DI-N-BUTYL PHTHALATE	MG/KG									2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
DI-N-OCTYL PHTHALATE	MG/KG									2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	0.34 J	0.47 J	7.2 U	2.6 J	0.39 U	6.7 U	0.4 U	5.2	2.2 U
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	0.15 J	0.26 J	7.2 U	6.4	0.39 U	6.7 U	0.4 U	46	2.2 U
DIETHYL PHTHALATE	MG/KG									2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
DIMETHYL PHTHALATE	MG/KG									2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	2.5	5	7.2 U	59	0.39 U	6.7 U	0.4 U	190	1.5 J
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	0.13 J	0.35 J	7.2 U	11	0.39 U	6.7 U	0.4 U	84	2.2 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	2 U	4 U	1.6 J	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U

*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Created by: BCG
Checked by: NF

Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area E	Area E	Area E	Area E	Area E	Area E	Area E	Area E	Area E
									Sample Date	TB-E18	TB-E18	TB-E19	TB-E19	TB-E20	TB-E20	TB-E21	TB-E21	TB-E22
									Sample ID	01/09/07	01/09/07	01/10/07	01/10/07	01/10/07	01/10/07	01/11/07	01/11/07	01/10/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	TB-E18-0304	TB-E18-SURFACE	TB-E19-0304	TB-E19-SURFACE	TB-E20-0607	TB-E20-SURFACE	TB-E21-0304	TB-E21-SURFACE	TB-E22-0304
HEXACHLOROBUTADIENE	MG/KG									2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	1.2 J	1.5 J	0.57 J	6.9	0.39 U	6.7 U	0.4 U	16	0.29 J
N-NITROSODIPHENYLAMINE	MG/KG									2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	0.2 J	0.16 J	5.2 J	4.6	0.39 U	6.7 U	0.23 J	190	2.2 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
O-NITROANANILINE	MG/KG									10 U	19 U	35 U	20 U	1.9 U	32 U	1.9 U	17 U	10 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	1.6 J	3.6 J	7.2 U	71	0.39 U	6.7 U	0.026 J	280	0.91 J
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	2 U	4 U	7.2 U	4 U	0.39 U	6.7 U	0.4 U	3.5 U	2.2 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	1.9 J	3.6 J	7.2 U	39	0.39 U	6.7 U	0.4 U	130	1.1 J
VOCS																		
AROCLOR-1242	MG/KG	1		25	1	1	1	3.2	0.1									
AROCLOR-1248	MG/KG	1		25	1	1	1	3.2	0.1									
AROCLOR-1254	MG/KG	1		25	1	1	1	3.2	0.1									
AROCLOR-1260	MG/KG	1		25	1	1	1	3.2	0.1									
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.006 U	0.006 U	0.006	0.005 U	0.005 U	0.005 U	0.002 J	0.047	0.005 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.006 U	0.006 U	0.01	0.005 U	0.006	0.013	1.8	0.005 U	0.004 J
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.006 U	0.006 U	0.002 J	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.005 U	0.74	0.005 U	0.005 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.006 U	0.006 U	0.001 J	0.005 U	0.001 J	0.003 J	0.36 J	0.005 U	0.005 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.032 U	0.029 U	0.023 U	0.024 U	0.026 U	0.027 U	0.026 UJ	0.024 U	0.026 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.032 U	0.029 U	0.017 J	0.024 U	0.026 U	0.038	0.026 UJ	0.024 U	0.03
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.005 U	0.002 J	0.005 U	0.005 U
CARBON DISULFIDE	MG/KG									0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.002 J	0.005 UJ	0.005 U	0.005 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.006 U	0.006 U	0.002 J	0.005 U	0.005 U	0.005 U	1.1	0.012	0.002 J
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
CHLOROMETHANE	MG/KG									0.013 U	0.012 U	0.009 U	0.01 U	0.01 U	0.011 U	0.01 UJ	0.01 U	0.01 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
CYCLOHEXANE	MG/KG									0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.002 J	0.005 UJ	0.005 U	0.005 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
ISOPROPYLBENZENE	MG/KG									0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
METHYL ACETATE	MG/KG									0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
METHYLCYCLOHEXANE	MG/KG									0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.002 J	0.005 UJ	0.005 U	0.005 U
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05	0.009 U	0.008 U	0.006 UJ	0.007 UJ	0.007 UJ	0.008 UJ	0.008 UJ	0.008 U	0.007 UJ
STYRENE	MG/KG									0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3	0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7	0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.002 J	0.005 UJ	0.005 U	0.005 U
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47	0.006 U	0.006 U	0.004 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02	0.013 U	0.012 U	0.009 U	0.01 U	0.01 U	0.011 U	0.01 UJ	0.01 U	0.01 U
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26	0.019 U	0.017 U	0.014 U	0.014 U	0.015 U	0.016 U	0.016 UJ	0.015 U	0.016 U

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U=Undetected at listed detection limit

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Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES																	
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	Area Location / Sample Date / Sample ID	Area E TB-E22 01/10/07 TB-E22-SURFACE	Area E TB-E23 01/09/07 TB-E23-0405	Area E TB-E23 01/09/07 TB-E23-SURFACE	Area E TB-E24 01/10/07 TB-E24-0203	Area E TB-E24 01/10/07 TB-E24-SURFACE	Area E TB-E25 01/10/07 TB-E25-0203	Area E TB-E25 01/10/07 TB-E25-SURFACE	Area E TB-E26 01/10/07 TB-E26-0506	Area E TB-E26 01/10/07 TB-E26-SURFACE
METALS																			
CYANIDE	MG/KG			10,000	27	27	27	40	27		0.94 U	0.74 UJ	0.94 UJ	1.2 U	0.95 U	1.3 U	0.96 U	0.83 U	1.2 U
ALUMINUM	MG/KG										26400	8170 J	1850 J	5810	8160	11100	3450	5320	11900
ANTIMONY	MG/KG										16.9 UJ	16.8 UJ	41.2 J	30.2 J	18.6 UJ	20.9 UJ	27.4 J	19.1 UJ	18.1 UJ
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13		1110	9.7	36.7	104	6.1	15.5	16.4	3.3	5.7
BARIUM	MG/KG	433		10,000	350	400	400	820	350		5.5 J	45.8	21.1	98.7 J	42 J	82.9	171	15 J	88.4 J
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2		0.23 U	0.43	0.33	0.63	1.3	0.73	0.71	0.26 U	0.6
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5		0.23 U	0.22 U	0.46	0.97	0.25 U	0.28 U	0.73	0.26 U	0.24 U
CALCIUM	MG/KG										166000	44200	284000	28600	123000	118000	15600	32200	41800
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30		6.6	15.7	36.5	53	16.7	15.9	16.4	8	18.5
COBALT	MG/KG										1.1	7	3	5.6	2.6	11.8	5.6	7.2	10.4
COPPER	MG/KG	50		10,000	270	270	270	1,720	50		34.9	31.2	91.4	103	16.9	25	42.1	22.1	21.5
IRON	MG/KG										2480	17500	10900	26200	8340	26400	16900	14400	21500
LEAD	MG/KG	63		3,900	400	400	1000	450	63		77	20.6	75.7	142	26.8	40.3	84.7	9.1	15
MAGNESIUM	MG/KG										6420	5310 J	15100 J	14500	12200	8700	1170	10200	12400
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600		71.4	323	221	151	624	446	175	292	472
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18		5.4	0.7	2.8	3.4	0.66	0.54	1.9	0.01 U	0.02
NICKEL	MG/KG	30		10,000	140	310	310	130	30		11.2	22.2	25.7	23.6	9.7	24.7	15.5	23.7	23.4
POTASSIUM	MG/KG										269 J	1020	589	633 J	1080 J	2150 J	407 J	711 J	2200 J
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9		4.5 U	4.5 U	4.3 U	4.9 U	4.9 U	5.6 U	5.9 U	5.1 U	4.8 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2		0.56 U	0.56 U	0.54 U	0.61 U	0.62 U	0.42 U	0.44 U	0.64 U	0.6 U
SODIUM	MG/KG										158 U	349	151 U	194	236	256	206	179 U	169 U
THALLIUM	MG/KG										6.8 U	6.7 U	6.5 U	7.4 U	7.4 U	8.4 U	8.8 U	7.7 U	7.2 U
VANADIUM	MG/KG										2.7	16.7	8.3	26	10	24	13.9	10.1	22.7
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109		76.8 J	59.9	121	625 J	76.7 J	140	232	53.3 J	80.2 J
SVOCS																			
1-METHYL-2,4-DINITROBENZENE	MG/KG										70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
2,4,5-TRICHLOROPHENOL	MG/KG										170 U	9.1 U	88 U	21 U	0.97 U	1.1 U	5.9 U	0.97 U	0.94 U
2,4-DICHLOROPHENOL	MG/KG										70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
2,4-DIMETHYLPHENOL	MG/KG										70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
2,4-DINITROPHENOL	MG/KG										340 U	18 U	180 U	42 U	1.9 U	2.2 U	12 U	1.9 U	1.9 U
2,6-DINITROTOLUENE	MG/KG										70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
2-CHLOROPHENOL	MG/KG										70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
2-METHYLNAPHTHALENE	MG/KG		0.24								17 J	7.4	39	8.6 U	0.41	0.46 U	2.4 U	0.4 U	0.39 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33		70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
3,3'-DICHLOROBENZIDINE	MG/KG										340 U	18 U	180 U	42 U	1.9 U	2.2 U	12 U	1.9 U	1.9 U
3-NITROANILINE	MG/KG										340 U	18 U	180 U	42 U	1.9 U	2.2 U	12 U	1.9 U	1.9 U
4-CHLORO-3-METHYLPHENOL	MG/KG										70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
4-CHLOROANILINE	MG/KG										70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33		70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20		9.8 J	2.2 J	15 J	8.6 U	0.69	0.46 U	2.4 U	0.4 U	0.39 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100		14 J	8.8	120	8.6 U	0.33 J	0.46 U	2.4 U	0.4 U	0.39 U
ACETOPHENONE	MG/KG										70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
ANILINE	MG/KG			1,000	55	100		0.46	28		70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100		120	33	240	8.6 U	1.4	0.46 U	0.18 J	0.4 U	0.39 U
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1		130	36	440	2.6 J	3	0.059 J	2.7	0.4 U	0.39 U
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1		92	26	320	2 J	2.4	0.053 J	2.7	0.4 U	0.041 J
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1		140	32	360	8.6 U	3.2	0.079 J	4.2	0.4 U	0.39 U
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100		35 J	15	160	1.7 J	0.99	0.031 J	1.4 J	0.4 U	0.021 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8		42 J	13	170	8.6 U	1.1	0.46 U	2.4 U	0.4 U	0.026 J
BIPHENYL	MG/KG										4.4 J	2.2 J	10 J	8.6 U	0.14 J	0.46 U	2.4 U	0.4 U	0.39 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG										70 U	3.8 U	36 U	8.6 U	0.16 J	0.21 J	2.4 U	0.21 J	0.069 J
BUTYLBENZYL PHTHALATE	MG/KG										70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
CAPROLACTAM	MG/KG										70 UJ	3.8 U	36 U	8.6 UJ	0.4 UJ	0.46 UJ	2.4 UJ	0.4 UJ	0.39 UJ
CARBAZOLE	MG/KG										26 J	14	79	8.6 U	0.64	0.46 U	2.4 U	0.4 U	0.39 U
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1		110	30	340	8.6 U	2.6	0.055 J	2.5	0.4 U	0.39 U
DI-N-BUTYL PHTHALATE	MG/KG										70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
DI-N-OCTYL PHTHALATE	MG/KG										70 U	3.8 U	36 U	8.6 U	0.023 J	0.024 J	2.4 U	0.4 U	0.39 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33		12 J	4.6	56	0.57 J	0.33 J	0.46 U	0.33 J	0.4 U	0.39 U
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7		30 J	13	66	8.6 U	0.66	0.46 U	2.4 U	0.4 U	0.39 U
DIETHYL PHTHALATE	MG/KG										70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
DIMETHYL PHTHALATE	MG/KG										70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100		390	88	1000	8.6 U	8.3	0.076 J	2.4	0.4 U	0.39 U
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30		53 J	21	120	8.6 U	1.2	0.46 U	2.4 U	0.4 U	0.39 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33		70 U	3.8 U	3.2 J	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U

*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES								Area Location	Area E	Area E	Area E	Area E	Area E	Area E	Area E	Area E	Area E
										Sample Date	TB-E22	TB-E23	TB-E23	TB-E24	TB-E24	TB-E25	TB-E25	TB-E26	TB-E26
										Sample ID	01/10/07	01/09/07	01/09/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted		TB-E22-SURFACE	TB-E23-0405	TB-E23-SURFACE	TB-E24-0203	TB-E24-SURFACE	TB-E25-0203	TB-E25-SURFACE	TB-E26-0506	TB-E26-SURFACE
HEXACHLOROBUTADIENE	MG/KG										70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5		36 J	14	160	0.53 J	0.98	0.46 U	1.2 J	0.4 U	0.39 U
N-NITROSODIPHENYLAMINE	MG/KG										70 U	3.8 U	36 U	8.6 U	0.11 J	0.46 U	2.4 U	0.4 U	0.39 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12		33 J	21	100	2.3 J	0.22 J	0.46 U	2.4 U	0.4 U	0.39 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6		70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
O-NITROANANILINE	MG/KG										340 U	18 U	180 U	42 U	1.9 U	2.2 U	12 U	1.9 U	1.9 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100		330	81	560	8.6 U	7.9	0.058 J	0.77 J	0.4 U	0.39 U
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33		70 U	3.8 U	36 U	8.6 U	0.4 U	0.46 U	2.4 U	0.4 U	0.39 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100		240	58	830	8.6 U	5.3	0.063 J	2.7	0.4 U	0.39 U
VOCS																			
AROCLOR-1242	MG/KG	1		25	1	1	1	3.2	0.1										
AROCLOR-1248	MG/KG	1		25	1	1	1	3.2	0.1										
AROCLOR-1254	MG/KG	1		25	1	1	1	3.2	0.1										
AROCLOR-1260	MG/KG	1		25	1	1	1	3.2	0.1										
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68		0.006 UJ	0.004 UJ	0.005 U	0.007 U	0.005 U	0.007 UJ	0.007 UJ	0.005 U	0.005 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG										0.006 UJ	0.004 UJ	0.005 U	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
1,2,4-TRICHLOROBENZENE	MG/KG										0.006 UJ	1	0.011	0.007 U	0.005 U	0.004 J	0.028	0.005 U	0.005 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1		7.7	5.3	0.028	0.007 U	0.005 U	0.007 U	0.002 J	0.005 U	0.005 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02		0.006 UJ	0.004 UJ	0.005 U	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4		0.006 UJ	0.31 J	0.005 U	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8		2.9	1.9	0.006	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12		0.03 UJ	0.05 J	0.027 U	0.034 U	0.027 U	0.012 J	0.034 U	0.025 U	0.024 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05		0.03 UJ	0.014 J	0.027 U	0.034 U	0.027 U	0.054	0.018 J	0.025 U	0.024 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06		0.004 J	0.003 J	0.003 J	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
CARBON DISULFIDE	MG/KG										0.006 UJ	0.004 UJ	0.005 U	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76		0.006 UJ	0.004 UJ	0.005 U	0.007 U	0.005 U	0.007 UJ	0.007 UJ	0.005 U	0.005 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1		48	2.4	0.012	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37		0.006 UJ	0.004 UJ	0.005 U	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
CHLOROMETHANE	MG/KG										0.012 UJ	0.009 UJ	0.011 U	0.014 U	0.011 U	0.013 U	0.014 U	0.01 U	0.009 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25		0.006 UJ	0.004 UJ	0.005 U	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
CYCLOHEXANE	MG/KG										0.006 UJ	0.002 J	0.003 J	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1		2.5	0.001 J	0.003 J	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
ISOPROPYLBENZENE	MG/KG										0.007 J	0.004 UJ	0.005 U	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
METHYL ACETATE	MG/KG										0.006 UJ	0.004 UJ	0.005 U	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
METHYLCYCLOHEXANE	MG/KG										0.006 UJ	0.002 J	0.003 J	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05		0.012 UJ	0.008 UJ	0.009 U	0.01 UJ	0.007 UJ	0.012 UJ	0.013 UJ	0.009 UJ	0.008 UJ
STYRENE	MG/KG										2	0.004 UJ	0.002 J	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3		0.006 UJ	0.004 UJ	0.005 U	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7		0.011 J	0.013 J	0.008	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47		0.006 UJ	0.004 UJ	0.005 U	0.007 U	0.005 U	0.007 U	0.007 U	0.005 U	0.005 U
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02		0.012 UJ	0.009 UJ	0.011 U	0.014 U	0.011 U	0.013 U	0.014 U	0.01 U	0.009 U
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26		16	0.007 J	0.017	0.021 U	0.016 U	0.02 U	0.021 U	0.015 U	0.014 U

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Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area E	Area E	Area E	Area E	Area E	Area E	Area E
									Sample Date	TB-E27	TB-E27	TB-E28	TB-E28	TB-E29	TB-E29	TB-E30
									Sample ID	01/10/07	01/10/07	01/10/07	01/10/07	01/09/07	01/09/07	01/09/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	TB-E27-0708	TB-E27-SURFACE	TB-E28-0304	TB-E28-SURFACE	TB-E29-0203	TB-E29-SURFACE	TB-E30-0203
METALS																
CYANIDE	MG/KG			10,000	27	27	27	40	27	0.89 U	0.73 U	1.2 U	0.97 U	1.1 UJ	1 UJ	1.2 UJ
ALUMINUM	MG/KG									7900	2740	7060	2270	2280 J	4820 J	7490 J
ANTIMONY	MG/KG									18.4 UJ	15.7 UJ	19.4 UJ	15.9 UJ	34 J	54.1 J	112 J
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	7.8	2.1 U	6	2.1 U	8.5	5	82.6
BARIUM	MG/KG	433		10,000	350	400	400	820	350	68.2 J	15.2 J	53.5 J	22.5 J	149	45.2	240
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.39	0.21 U	0.57	0.61	0.45	0.48	1
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.27	0.21 U	0.26 U	0.21 U	0.25 U	0.3	2.4
CALCIUM	MG/KG									6940	83900	2920	257000	87500	187000	55700
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	10	4.2	9.8	3.5	102	156	109
COBALT	MG/KG									7.2	2.1	9.1	0.53 U	2.9	3	7
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	25	10.3	14.7	1.4	40	27.2	258
IRON	MG/KG									18000	6390	25400	1750	25600	29400	49300
LEAD	MG/KG	63		3,900	400	400	1000	450	63	66.8	9.1	11.5	1.8	52.1	72	495
MAGNESIUM	MG/KG									2670	33100	1620	13800	3090 J	29900 J	4710 J
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	238	246	1730	306	1890	3160	564
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	0.35	0.01	0.03	0.01 U	0.29	0.14	1.6
NICKEL	MG/KG	30		10,000	140	310	310	130	30	15.7	4.6	12.7	2.7	11.1	13.2	38.5
POTASSIUM	MG/KG									818 J	643 J	783 J	393 J	839	1540	886
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	4.9 U	4.2 U	5.2 U	4.2 U	4.9 U	4.3 U	6.7 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.61 U	0.52 U	0.65 U	0.53 U	0.61 U	0.54 U	0.84 U
SODIUM	MG/KG									267	146	909	207	269	228	394
THALLIUM	MG/KG									7.4 U	6.3 U	7.7 U	6.4 U	7.4 U	6.5 U	10 U
VANADIUM	MG/KG									15.2	7.5	22.1	6.3	54.1	77.1	28.8
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	145 J	60.5 J	35.6 J	4.3 J	38.4	57.4	1250
SVOCS																
1-METHYL-2,4-DINITROBENZENE	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	160
2,4,5-TRICHLOROPHENOL	MG/KG									10 U	0.85 U	1 U	82 U	9.3 U	8.6 U	130 U
2,4-DICHLOROPHENOL	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
2,4-DIMETHYLPHENOL	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
2,4-DINITROPHENOL	MG/KG									20 U	1.7 U	2 U	160 U	18 U	17 U	250 U
2,6-DINITROTOLUENE	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	72
2-CHLOROPHENOL	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
2-METHYLNAPHTHALENE	MG/KG		0.24							4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	410
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
3,3'-DICHLOROBENZIDINE	MG/KG									20 U	1.7 U	2 U	160 U	18 U	17 U	250 U
3-NITROANILINE	MG/KG									20 U	1.7 U	2 U	160 U	18 U	17 U	250 U
4-CHLORO-3-METHYLPHENOL	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
4-CHLOROANILINE	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	100
ACETOPHENONE	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	0.08 J	260
ANILINE	MG/KG			1,000	55	100		0.46	28	4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	1.5 J	0.35 U	0.03 J	34 U	0.33 J	0.28 J	960
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	1.3 J	0.025 J	0.42 U	34 U	0.29 J	0.26 J	790
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	1.6 J	0.35 U	0.42 U	34 U	0.38 J	0.42 J	560
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	0.79 J	0.35 U	0.42 U	34 U	0.29 J	0.25 J	640
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	4.1 U	0.35 U	0.42 U	34 U	0.18 J	0.14 J	260
BIPHENYL	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	250
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	120
BUTYLBENZYL PHTHALATE	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
CAPROLACTAM	MG/KG									4.1 UJ	0.35 UJ	0.42 UJ	34 UJ	3.8 U	3.5 U	52 U
CARBAZOLE	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	560
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	1.6 J	0.35 U	0.42 U	34 U	3.8 U	3.5 U	630
DI-N-BUTYL PHTHALATE	MG/KG									4.1 U	0.35 U	0.42 U	34 U	0.33 J	0.3 J	52 U
DI-N-OCTYL PHTHALATE	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	0.23 J	0.35 U	0.42 U	34 U	0.081 J	3.5 U	80
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	600
DIETHYL PHTHALATE	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
DIMETHYL PHTHALATE	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	4.1 U	0.35 U	0.059 J	2.6 J	0.52 J	0.52 J	2000
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	0.41 J	0.35 U	0.42 U	34 U	3.8 U	3.5 U	810
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	4.1 U	0.35 U	0.42 U	34 U	0.29 J	0.22 J	52 U

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
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R=Rejected value based on data validation process
U=Undetected at listed detection limit

Created by: BCG
Checked by: NF

Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area E	Area E	Area E	Area E	Area E	Area E	Area E
									Sample Date	TB-E27	TB-E27	TB-E28	TB-E28	TB-E29	TB-E29	TB-E30
									Sample ID	01/10/07	01/10/07	01/10/07	01/10/07	01/09/07	01/09/07	01/09/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	TB-E27-0708	TB-E27-SURFACE	TB-E28-0304	TB-E28-SURFACE	TB-E29-0203	TB-E29-SURFACE	TB-E30-0203
HEXACHLOROBUTADIENE	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	0.39 J	0.35 U	0.42 U	34 U	0.22 J	0.21 J	250
N-NITROSODIPHENYLAMINE	MG/KG									4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	4.1 U	0.35 U	0.42 U	34 U	3.8 U	0.075 J	1000
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	9.1 J
O-NITROANANILINE	MG/KG									20 U	1.7 U	2 U	160 U	18 U	17 U	250 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	4.1 U	0.35 U	0.046 J	3.7 J	0.36 J	0.32 J	2900
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	4.1 U	0.35 U	0.42 U	34 U	3.8 U	3.5 U	52 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	4.1 U	0.35 U	0.038 J	1.7 J	0.43 J	0.38 J	1200
VOCS																
AROCLOR-1242	MG/KG	1		25	1	1	1	3.2	0.1							
AROCLOR-1248	MG/KG	1		25	1	1	1	3.2	0.1							
AROCLOR-1254	MG/KG	1		25	1	1	1	3.2	0.1							
AROCLOR-1260	MG/KG	1		25	1	1	1	3.2	0.1							
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	0.007 U	0.004 U	0.003 J	0.003 J	0.006 U	0.005 U	0.012
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.003 J
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.033 U	0.022 U	0.01 J	0.007 J	0.029 U	0.026 U	0.039 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.033 U	0.022 U	0.056	0.024	0.029 U	0.026 U	0.022 J
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
CARBON DISULFIDE	MG/KG									0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.015
CHLOROMETHANE	MG/KG									0.013 U	0.009 U	0.012 U	0.009 U	0.012 U	0.01 U	0.016 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
CYCLOHEXANE	MG/KG									0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
ISOPROPYLBENZENE	MG/KG									0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
METHYL ACETATE	MG/KG									0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
METHYLCYCLOHEXANE	MG/KG									0.018	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05	0.007 UJ	0.007 UJ	0.007 UJ	0.009 UJ	0.008 U	0.008 U	0.012 U
STYRENE	MG/KG									0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3	0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7	0.007 U	0.004 U	0.006 U	0.001 J	0.006 U	0.005 U	0.008 U
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47	0.007 U	0.004 U	0.006 U	0.005 U	0.006 U	0.005 U	0.008 U
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02	0.013 U	0.009 U	0.012 U	0.009 U	0.012 U	0.01 U	0.016 U
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26	0.02 U	0.013 U	0.018 U	0.014 U	0.017 U	0.016 U	0.023 U

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J=Estimated
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R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Checked by: NF

Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area E	Area E	Area E	Area E	Area E
									Sample Date	TB-E30	TB-E31	TB-E31	TB-E32	TB-E32
									Sample ID	01/09/07	01/10/07	01/10/07	01/11/07	01/11/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	TB-E30-SURFACE	TB-E31-0203	TB-E31-SURFACE	TB-E32-0708	TB-E32-SURFACE
METALS														
CYANIDE	MG/KG			10,000	27	27	27	40	27	0.91 UJ	1.1 U	0.93 U	1 U	0.68 U
ALUMINUM	MG/KG									2170 J	17800	17100	19700 J	13500 J
ANTIMONY	MG/KG									18.9 UJ	16.8 UJ	19.2 UJ	17.9 UJ	17.7 UJ
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	3.7	77.2	45.3	3.3	7.2
BARIUM	MG/KG	433		10,000	350	400	400	820	350	13.9	185	179	102 R	93.9 R
BERYLLIUM	MG/KG	10		2,700	14	72	590	47	7.2	0.3	2.3	2.3	1	0.65
CADMIUM	MG/KG	4		60	2.5	4.3	9.3	7.5	2.5	0.25 U	0.84	2.3	0.24 U	0.24 U
CALCIUM	MG/KG									242000	55700	120000	41400	49000
CHROMIUM (TRIVALENT)	MG/KG	41		6,800	36	180	1,500	NS	30	10	66.3	84.6	27.1 J	19.4 J
COBALT	MG/KG									2.1	5.3	6	13.7	10.7
COPPER	MG/KG	50		10,000	270	270	270	1,720	50	8.7	90.4	130	22.8 R	23.6 R
IRON	MG/KG									5710	28800	49700	31300	25200
LEAD	MG/KG	63		3,900	400	400	1000	450	63	12.9	210	493	12	14.1
MAGNESIUM	MG/KG									13200 J	9870	14700	13900 J	15400 J
MANGANESE	MG/KG	1,600		10,000	2,000	2,000	10000	2,000	1,600	160	868	1500	528	466
MERCURY	MG/KG	0.18		5.7	0.81	0.81	2.8	0.73	0.18	0.05	1.2	7.5	0.02 U	0.02 U
NICKEL	MG/KG	30		10,000	140	310	310	130	30	8.3	19.2	96.3	31.8 J	26.7 J
POTASSIUM	MG/KG									760	1500 J	1330 J	4290	2590
SELENIUM	MG/KG	3.9		6,800	36	180	1500	4	3.9	5 U	4.5 U	5.1 U	4.8 U	4.7 U
SILVER	MG/KG	2		6,800	36	180	1500	8.3	2	0.63 U	0.34 U	0.38 U	0.6 U	0.59 U
SODIUM	MG/KG									176 U	463	684	289	243
THALLIUM	MG/KG									7.5 U	6.7 U	7.7 U	7.2 U	7.1 U
VANADIUM	MG/KG									8.4	18.7	16.5	36 J	25.1 J
ZINC	MG/KG	109		10,000	2,200	10,000	10000	2,480	109	37.3	482	809	69.8 R	69.7 R
SVOCS														
1-METHYL-2,4-DINITROBENZENE	MG/KG									4 U	1.1	1.4	0.42 U	0.39 U
2,4,5-TRICHLOROPHENOL	MG/KG									9.6 U	0.93 U	0.98 U	1 U	0.94 U
2,4-DICHLOROPHENOL	MG/KG									4 U	0.38 U	0.41 U	0.42 U	0.39 U
2,4-DIMETHYLPHENOL	MG/KG									4 U	0.38 U	0.41 U	0.42 U	0.39 U
2,4-DINITROPHENOL	MG/KG									19 U	1.8 U	2 U	2 U	1.9 U
2,6-DINITROTOLUENE	MG/KG									4 U	0.54	0.95	0.42 U	0.39 U
2-CHLOROPHENOL	MG/KG									4 U	0.38 U	0.41 U	0.42 U	0.39 U
2-METHYLNAPHTHALENE	MG/KG		0.24							2.6 J	0.027 J	0.13 J	0.42 U	0.39 U
2-METHYLPHENOL	MG/KG			1,000	100	100	500	0.33	0.33	4 U	0.38 U	0.41 U	0.42 U	0.39 U
3,3'-DICHLOROBENZIDINE	MG/KG									19 U	1.8 U	2 U	2 U	1.9 U
3-NITROANILINE	MG/KG									19 U	1.8 U	2 U	2 U	1.9 U
4-CHLORO-3-METHYLPHENOL	MG/KG									4 U	0.38 U	0.41 U	0.42 U	0.39 U
4-CHLOROANILINE	MG/KG									4 U	0.38 U	0.41 U	0.42 U	0.39 U
4-METHYLPHENOL	MG/KG			1,000	34	100	500	0.33	0.33	4 U	0.38 U	0.41 U	0.42 U	0.39 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	500	98	20	0.81 J	0.38 U	0.13 J	0.42 U	0.39 U
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	500	107	100	2.6 J	0.38 U	0.14 J	0.42 U	0.39 U
ACETOPHENONE	MG/KG									4 U	0.38 U	0.41 U	0.42 U	0.39 U
ANILINE	MG/KG			1,000	55	100		0.46	28	4 U	0.49	1.3	0.42 U	0.39 U
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1,000	100	7.1	0.38 U	0.4 J	0.42 U	0.39 U
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	11	0.2 J	1.1	0.038 J	0.39 U
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	8.6	0.12 J	0.63	0.025 J	0.39 U
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	11	0.24 J	1.3	0.05 J	0.024 J
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	500	1,000	100	4.8	0.092 J	0.42	0.42 U	0.39 U
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	4.2	0.1 J	0.48	0.42 U	0.39 U
BIPHENYL	MG/KG									0.79 J	0.38 U	0.043 J	0.42 U	0.39 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG									4 U	0.099 J	0.14 J	0.42 U	0.39 U
BUTYLBENZYL PHTHALATE	MG/KG									4 U	0.38 U	0.41 U	0.42 U	0.39 U
CAPROLACTAM	MG/KG									4 U	0.38 UJ	0.41 UJ	0.42 UJ	0.39 UJ
CARBAZOLE	MG/KG									3.2 J	0.027 J	0.24 J	0.42 U	0.39 U
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	9.7	0.17 J	1	0.034 J	0.39 U
DI-N-BUTYL PHTHALATE	MG/KG									4 U	0.38 U	0.41 U	0.42 U	0.39 U
DI-N-OCTYL PHTHALATE	MG/KG									4 U	0.38 U	0.41 U	0.42 U	0.39 U
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1,000	0.33	1.4 J	0.048 J	0.14 J	0.42 U	0.39 U
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	350	210	7	4.2	0.021 J	0.2 J	0.42 U	0.39 U
DIETHYL PHTHALATE	MG/KG									4 U	0.38 U	0.41 U	0.42 U	0.39 U
DIMETHYL PHTHALATE	MG/KG									4 U	0.38 U	0.41 U	0.42 U	0.39 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1,000	100	30	0.3 J	2.6	0.048 J	0.027 J
FLUORENE	MG/KG	30	0.17	1,000	100	100	500	386	30	7	0.022 J	0.32 J	0.42 U	0.39 U
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	6	3.2	0.33	4 U	0.07 J	0.097 J	0.42 U	0.39 U

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 6
Summary of Analytical Results - Area E Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area Location	Area E	Area E	Area E	Area E	Area E
									Sample Date	TB-E30	TB-E31	TB-E31	TB-E32	TB-E32
									Sample ID	01/09/07	01/10/07	01/10/07	01/11/07	01/11/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Commercial	Impact GW	Unrestricted	TB-E30-SURFACE	TB-E31-0203	TB-E31-SURFACE	TB-E32-0708	TB-E32-SURFACE
HEXACHLOROBUTADIENE	MG/KG									4 U	0.38 U	0.41 U	0.42 U	0.39 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	4.2	0.098 J	0.41	0.42 U	0.39 U
N-NITROSODIPHENYLAMINE	MG/KG									4 U	0.046 J	0.094 J	0.42 U	0.39 U
NAPHTHALENE	MG/KG		0.26	1,000	100	100	500	12	12	7.8	0.22 J	0.6	0.42 U	0.39 U
NITROBENZENE	MG/KG			455	12.1	36.8		0.026	6.6	4 U	0.38 U	0.41 U	0.42 U	0.39 U
O-NITROANANILINE	MG/KG									19 U	1.8 U	2 U	2 U	1.9 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1,000	100	28	0.38 U	2.1	0.42 U	0.39 U
PHENOL	MG/KG	30		1,000	100	100	500	0.33	0.33	4 U	0.38 U	0.41 U	0.42 U	0.39 U
PYRENE	MG/KG		7	1,000	100	100	500	1,000	100	21	0.26 J	1.9	0.031 J	0.39 U
VOCS														
AROCLOR-1242	MG/KG	1		25	1	1	1	3.2	0.1					
AROCLOR-1248	MG/KG	1		25	1	1	1	3.2	0.1					
AROCLOR-1254	MG/KG	1		25	1	1	1	3.2	0.1					
AROCLOR-1260	MG/KG	1		25	1	1	1	3.2	0.1					
1,1,1-TRICHLOROETHANE	MG/KG			1,000	100	100	500	0.68	0.68	0.006 UJ	0.008 UJ	0.005 U	0.005 U	0.005 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG									0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
1,2,4-TRICHLOROBENZENE	MG/KG									0.006 UJ	0.008 U	0.12	0.005 U	0.005 U
1,2-DICHLOROBENZENE	MG/KG			1,000	100	100	500	1.1	1.1	9.6	0.008 U	0.009	0.005 U	0.005 U
1,2-DICHLOROETHANE	MG/KG	10		60	2.3	3.1	30	0.02	0.02	0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
1,3-DICHLOROBENZENE	MG/KG			560	17	49	280	2.4	2.4	0.25 J	0.008 U	0.005 U	0.005 U	0.005 U
1,4-DICHLOROBENZENE	MG/KG	20		250	9.8	13	130	1.8	1.8	2.6	0.008 U	0.002 J	0.005 U	0.005 U
2-BUTANONE	MG/KG	100		1,000	100	100	500	0.12	0.12	0.03 UJ	0.038 U	0.026 U	0.025 U	0.024 U
ACETONE	MG/KG	2.2		1,000	100	100	500	0.05	0.05	0.014 J	0.038 U	0.026 U	0.025 U	0.024 U
BENZENE	MG/KG	70		89	2.9	4.8	44	0.06	0.06	0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
CARBON DISULFIDE	MG/KG									0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
CARBON TETRACHLORIDE	MG/KG			44	1.4	2.4	22	0.76	0.76	0.006 UJ	0.008 UJ	0.005 U	0.005 U	0.005 U
CHLOROBENZENE	MG/KG	40		1,000	100	100	500	1.1	1.1	0.56 J	0.018	0.002 J	0.005 U	0.005 U
CHLOROFORM	MG/KG	12		700	10	49	350	0.37	0.37	0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
CHLOROMETHANE	MG/KG									0.012 UJ	0.015 U	0.01 U	0.01 U	0.01 U
CIS-1,2-DICHLOROETHENE	MG/KG			1,000	59	100	500	0.25	0.25	0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
CYCLOHEXANE	MG/KG									0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
ETHYLBENZENE	MG/KG			780	30	41	390	1	1	0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
ISOPROPYLBENZENE	MG/KG									0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
METHYL ACETATE	MG/KG									0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
METHYLCYCLOHEXANE	MG/KG									0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
METHYLENE CHLORIDE	MG/KG	12		1,000	51	100	500	0.05	0.05	0.01 UJ	0.01 UJ	0.007 UJ	0.011 UJ	0.013 UJ
STYRENE	MG/KG									0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
TETRACHLOROETHENE	MG/KG	2		300	5.5	19	150	1.3	1.3	0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
TOLUENE	MG/KG	36		1,000	100	100	500	0.7	0.7	0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
TRICHLOROETHENE	MG/KG	2		400	10	21	200	0.47	0.47	0.006 UJ	0.008 U	0.005 U	0.005 U	0.005 U
VINYL CHLORIDE	MG/KG			27	0.21	0.9	13	0.02	0.02	0.012 UJ	0.015 U	0.01 U	0.01 U	0.01 U
XYLENES, TOTAL	MG/KG	0.26		1,000	100	100	500	1.6	0.26	0.018 UJ	0.023 U	0.015 U	0.015 U	0.014 U

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Checked by: NF

Table 7
Summary of Analytical Results - Groundwater Sampling
Buffalo Color Facility - RI/FS

Parameter	Units	NYSDEC CLASS GA STANDARDS	GW EW-01 01/16/07 EW-01-0107	GW EW-01 02/28/07 EW1-0207-22 FEET	GW EW-02 01/16/07 EW-02-0107	GW EW-03 01/16/07 EW-03-0107	GW EW-04 01/17/07 EW-04-0107	GW EW-05 01/17/07 EW-05-0107	GW ICM-101 01/18/07 ICM-101-0107	GW ICM-102 01/18/07 ICM-102-0107	GW ICM-103 01/17/07 ICM-103-0107
GENERAL WATER CHEMISTRY											
CHLORIDE	MG/L	250	82.9		82.6	595	379	1520	127	64.9	79.6
CYANIDE	MG/L	0.2	0.01		0.01 U	0.35	0.67	0.05	0.01	0.01 U	0.28
NITROGEN, NITRATE-NITRITE	MG/L		0.05 U		0.05 U	0.05 U	0.64	0.05 U	0.05 U	0.05 U	0.05 U
SULFATE	MG/L	250	191		166	13.4	99.7	194	47.3	303	39.7
SULFIDE	MG/L	0.05	1 U		1 U	6.4 J	6	1.6	1 U	1 U	1.2
TOTAL RECOVERABLE PHENOLICS	MG/L		0.01		0.01	0.16	0.02	0.07	0.36	0.01 U	0.13
METALS (TOTAL)											
ALUMINUM	MG/L		0.2 U		0.2 U	0.67	0.221	0.2 U	6.54	0.2 U	0.243
ANTIMONY	MG/L	0.003	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ARSENIC	MG/L	0.025	0.01 U		0.01 U	0.0875	0.0191	0.01 U	0.104	0.01 U	0.01 U
BARIUM	MG/L	1	0.0691		0.108	0.0722	0.011	0.131	0.412	0.107	0.0347
BERYLLIUM	MG/L	0.003	0.002 U		0.002 U	0.002 U	0.002 U	0.002 U	0.0032	0.002 U	0.002 U
CADMIUM	MG/L	0.005	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
CALCIUM	MG/L		238		194	4.22	2.23	199	103	224	47.9
CHROMIUM (TRIVALENT)	MG/L	0.05	0.004 U		0.004 U	0.0393	0.0086	0.004 U	0.243	0.004 U	0.0077
COBALT	MG/L		0.004 U		0.004 U	0.004 U	0.004 U	0.004 U	0.0078	0.004 U	0.004 U
COPPER	MG/L	0.2	0.01 U		0.01 U	0.0368	0.0175	0.01 U	0.0536	0.01 U	0.01 U
IRON	MG/L	0.3	3.23		2.73	2.54	0.724	11.3	37.6	1.42	0.639
LEAD	MG/L	0.025	0.005 U		0.005 U	0.0146	0.023	0.005 U	0.0323	0.005 U	0.006
MAGNESIUM	MG/L	35	39.3		35.8	0.379	0.2 U	80.9	18.2	20.3	6.68
MANGANESE	MG/L	0.3	2.44		2.65	0.0453	0.007	2.13	0.981	1.49	0.0588
MERCURY	MG/L	0.0007	0.0002 U		0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.001	0.0002 U	0.0002 U
NICKEL	MG/L	0.1	0.01 U		0.01 U	0.0148	0.0117	0.01 U	0.0417	0.01 U	0.01 U
POTASSIUM	MG/L		18.8		9.88	543	347	153	17.2	9.08	9.4
SELENIUM	MG/L	0.01	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	0.05	0.003 U		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
SODIUM	MG/L	20	84.4		84.5	1130	583	573	1610	98.9	89.1
THALLIUM	MG/L	0.0005	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
VANADIUM	MG/L		0.005 U		0.005 U	0.119	0.0405	0.005 U	0.39	0.005 U	0.005 U
ZINC	MG/L	2	0.0182		0.01 U	0.149	0.0403	0.0152	0.14	0.01 U	0.0236

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J=Estimated
N=Uncertain identification
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Table 7
Summary of Analytical Results - Groundwater Sampling
Buffalo Color Facility - RI/FS

Parameter	Units	NYSDEC CLASS GA STANDARDS	GW EW-01 01/16/07 EW-01-0107	GW EW-01 02/28/07 EW1-0207-22 FEET	GW EW-02 01/16/07 EW-02-0107	GW EW-03 01/16/07 EW-03-0107	GW EW-04 01/17/07 EW-04-0107	GW EW-05 01/17/07 EW-05-0107	GW ICM-101 01/18/07 ICM-101-0107	GW ICM-102 01/18/07 ICM-102-0107	GW ICM-103 01/17/07 ICM-103-0107
METALS (DISSOLVED)											
ALUMINUM	MG/L		0.2 U			0.2 U	0.439	0.2 U	3.93		
ANTIMONY	MG/L	0.003	0.02 U			0.02 U	0.02 U	0.02 U	0.02 U		
ARSENIC	MG/L	0.025	0.01 U			0.0801	0.056	0.01 U	0.0785		
BARIUM	MG/L	1	0.0718			0.0589	0.0037	0.136	0.38		
BERYLLIUM	MG/L	0.003	0.002 U			0.002 U	0.002 U	0.002 U	0.0025		
CADMIUM	MG/L	0.005	0.001 U			0.001 U	0.001 U	0.001 U	0.001 U		
CALCIUM	MG/L		253			3.84	1.67	215	97		
CHROMIUM	MG/L	0.05	0.004 U			0.03	0.004 U	0.004 U	0.185		
COBALT	MG/L		0.004 U			0.004 U	0.004 U	0.004 U	0.0049		
COPPER	MG/L	0.2	0.01 U			0.01 U	0.01 U	0.01 U	0.0326		
IRON	MG/L	0.3	1.86			1.25	0.41	8.41	29		
LEAD	MG/L	0.025	0.005 U			0.005 U	0.005 U	0.005 U	0.0192		
MAGNESIUM	MG/L	35	40.8			0.2 U	0.2 U	89.1	18.5		
MANGANESE	MG/L	0.3	2.48			0.0081	0.003 U	2.27	0.848		
MERCURY	MG/L	0.0007	0.0002 U			0.0002 U	0.0002 U	0.0002 U	0.00061		
NICKEL	MG/L	0.1	0.01 U			0.01 U	0.0102	0.01 U	0.034		
POTASSIUM	MG/L		19.2			545	470	161	14.8		
SELENIUM	MG/L	0.01	0.015 U			0.015 U	0.015 U	0.015 U	0.015 U		
SILVER	MG/L	0.05	0.003 U			0.003 U	0.003 U	0.003 U	0.003 U		
SODIUM	MG/L	20	80.4			1120	836	632	1200		
THALLIUM	MG/L	0.0005	0.02 U			0.02 U	0.02 U	0.02 U	0.02 U		
VANADIUM	MG/L		0.005 U			0.095	0.0254	0.005 U	0.304		
ZINC	MG/L	2	0.013			0.0485	0.01 U	0.01 U	0.0992		
SVOCs											
1-METHYL-2,4-DINITROBENZENE	MG/L	0.005	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-DICHLOROPHENOL	MG/L	0.005	0.002 J		0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
2,4-DIMETHYLPHENOL	MG/L	0.001	0.01 U		0.01 UJ	0.001 J	0.01 U	0.071	0.012	0.01 U	0.011 J
2,4-DINITROPHENOL	MG/L	0.001	0.049 UJ		0.049 UJ	0.049 UJ	0.048 UJ	0.05 UJ	0.048 U	0.05 U	0.048 UJ
2,6-DINITROTOLUENE	MG/L	0.005	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-CHLOROPHENOL	MG/L		0.01 U		0.001 J	0.01 U	0.01 U	0.01 U	0.034	0.01 U	0.01 UJ
2-METHYLNAPHTHALENE	MG/L		0.01 U		0.0005 J	0.002 J	0.008 J	8.5	0.001 J	0.0006 J	0.006 J
2-METHYLPHENOL	MG/L		0.01 U		0.01 UJ	0.002 J	0.01 U	0.01 U	0.0008 J	0.01 U	0.006 J
3,3'-DICHLOROBENZIDINE	MG/L	0.005	0.02 U		0.02 U	0.02 U	0.019 U	0.02 U	0.019 U	0.02 U	0.019 U
3-NITROANILINE	MG/L	0.005	0.049 U		0.049 U	0.049 U	0.048 U	0.05 U	0.048 U	0.05 U	0.048 U
4-CHLORO-3-METHYLPHENOL	MG/L		0.01 U		0.001 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
4-CHLOROANILINE	MG/L	0.005	0.01 U		0.01 U	0.01	0.01 U	0.01 U	1.1	0.002 J	0.01 U
4-METHYLPHENOL	MG/L		0.01 U		0.01 UJ	0.046	0.002 J	0.01 U	0.01 U	0.01 U	0.016 J
ACENAPHTHENE	MG/L	0.02	0.0006 J		0.002 J	0.01 U	0.007 J	1.4	0.002 J	0.002 J	0.006 J
ACENAPHTHYLENE	MG/L		0.01 U		0.01 U	0.01 U	0.01 U	0.031	0.01 U	0.01 U	0.01 U
ACETOPHENONE	MG/L		0.01 U		0.01 U	0.01 U	0.004 J	0.19 J	0.01 U	0.01 U	0.01 U
ANILINE	MG/L	0.005	0.01		0.023	14	0.19	1.7	16	0.003 J	0.012
ANTHRACENE	MG/L	0.05	0.01 U		0.0004 J	0.0002 J	0.0004 J	0.27 J	0.002 J	0.0006 J	0.003 J
BENZIDINE	MG/L	0.005									
BENZO(A)ANTHRACENE	MG/L	0.000002	0.01 U		0.01 U	0.01 U	0.01 U	0.08	0.0006 J	0.01 U	0.01 U
BENZO(A)PYRENE	MG/L		0.01 U		0.01 U	0.01 U	0.01 U	0.057	0.01 U	0.01 U	0.01 U
BENZO(B)FLUORANTHENE	MG/L	0.000002	0.01 U		0.01 U	0.01 U	0.01 U	0.095	0.01 U	0.01 U	0.01 U
BENZO(G,H,I)PERYLENE	MG/L		0.01 U		0.01 U	0.01 U	0.01 U	0.022	0.01 U	0.01 U	0.01 U
BENZO(K)FLUORANTHENE	MG/L	0.000002	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BIPHENYL	MG/L	0.005	0.01 U		0.01 U	0.01 U	0.004 J	1.2	0.01 U	0.01 U	0.001 J
BIS(2-ETHYLHEXYL)PHTHALATE	MG/L	0.005	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BUTYLBENZYL PHTHALATE	MG/L	0.05	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

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Table 7
Summary of Analytical Results - Groundwater Sampling
Buffalo Color Facility - RI/FS

Parameter	Units	NYSDEC CLASS GA STANDARDS	GW EW-01 01/16/07 EW-01-0107	GW EW-01 02/28/07 EW1-0207-22 FEET	GW EW-02 01/16/07 EW-02-0107	GW EW-03 01/16/07 EW-03-0107	GW EW-04 01/17/07 EW-04-0107	GW EW-05 01/17/07 EW-05-0107	GW ICM-101 01/18/07 ICM-101-0107	GW ICM-102 01/18/07 ICM-102-0107	GW ICM-103 01/17/07 ICM-103-0107
CAPROLACTAM	MG/L		0.01 UJ		0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
CARBAZOLE	MG/L		0.0002 J		0.001 J	0.0003 J	0.005 J	0.062	0.003 J	0.01 U	0.017
CHRYSENE	MG/L	0.000002	0.01 U		0.01 U	0.01 U	0.01 U	0.07	0.01 U	0.01 U	0.01 U
DECANE	MG/L										
DI-N-BUTYL PHTHALATE	MG/L	0.05	0.0003 J		0.01 U	0.0004 J	0.0004 J	0.01 U	0.0007 J	0.01 U	0.0004 J
DI-N-OCTYL PHTHALATE	MG/L	0.05	0.01 U		0.01 U	0.01 U	0.01 U	0.009 J	0.01 U	0.01 U	0.01 U
DIBENZO(A,H)ANTHRACENE	MG/L		0.01 U		0.01 U	0.01 U	0.01 U	0.006 J	0.01 U	0.01 U	0.01 U
DIBENZOFURAN	MG/L		0.01 U		0.01 U	0.0005 J	0.006 J	0.012	0.002 J	0.01 U	0.005 J
DIETHYL PHTHALATE	MG/L	0.05	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIMETHYL PHTHALATE	MG/L	0.05	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
FLUORANTHENE	MG/L	0.05	0.01 U		0.0003 J	0.0002 J	0.0005 J	0.42 J	0.002 J	0.002 J	0.002 J
FLUORENE	MG/L	0.05	0.01 U		0.01 U	0.01 U	0.004 J	1	0.002 J	0.01 U	0.006 J
HEXACHLOROBENZENE	MG/L	0.00004	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
INDENO(1,2,3-CD)PYRENE	MG/L	0.000002	0.01 U		0.01 U	0.01 U	0.01 U	0.019	0.01 U	0.01 U	0.01 U
N-NITROSODIPHENYLAMINE	MG/L	0.05	0.002 J		0.051	0.006 J	0.006 J	0.01 U	0.012	0.027	0.002 J
NAPHTHALENE	MG/L	0.01	0.0004 U		0.034	0.03	0.034	50	0.008 J	0.0006 J	0.042
NITROBENZENE	MG/L	0.0004	0.0007 J		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
O-NITROANANILINE	MG/L	0.005	0.049 U		0.049 U	0.049 U	0.048 U	0.05 U	0.048 U	0.05 U	0.048 U
OCTADECANE	MG/L										
PHENANTHRENE	MG/L	0.05	0.01 U		0.01 U	0.0005 J	0.001 J	1.4	0.006 J	0.01 U	0.01
PHENOL	MG/L	0.001	0.01 UJ		0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.013 J
PYRENE	MG/L	0.05	0.01 U		0.01 U	0.01 U	0.01 U	0.25 J	0.002 J	0.0007 J	0.001 J
VOCs											
1,1,1-TRICHLOROETHANE	MG/L	0.005	0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.025 U	0.01 U	0.001 U	0.005 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/L	0.005	0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.025 U	0.01 U	0.001 U	0.005 U
1,2,4-TRICHLOROBENZENE	MG/L	0.005	0.001 UJ	0.04 U	0.004 UJ	0.005 UJ	0.005 UJ	0.025 UJ	0.01 U	0.001 U	0.005 UJ
1,2-DICHLOROBENZENE	MG/L	0.003	0.017	0.41	0.011	0.005 U	0.005 U	0.013 J	0.39	0.0013	0.005 U
1,2-DICHLOROETHANE	MG/L	0.0006	0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.025 U	0.01 U	0.001 U	0.005 U
1,3-DICHLOROBENZENE	MG/L	0.003	0.0026	0.07	0.004 U	0.005 U	0.005 U	0.025 U	0.015	0.001 U	0.005 U
1,4-DICHLOROBENZENE	MG/L	0.003	0.028	0.64	0.0068	0.005 U	0.005 U	0.025 U	0.14	0.00079 J	0.005 U
2-BUTANONE	MG/L	0.05	0.005 U	0.2 U	0.02 U	0.029	0.037	0.12 U	0.05 U	0.005 U	0.025 U
ACETONE	MG/L	0.05	0.005 U	0.2 U	0.02 U	0.043	0.024 J	0.12 U	0.05 U	0.005 U	0.025 U
BENZENE	MG/L	0.001	0.001 U	0.098	0.0021 J	0.0043 J	0.005 U	0.025 U	6.7 J	0.001 U	0.0034 J
CARBON DISULFIDE	MG/L	0.06	0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.025 U	0.01 U	0.001 U	0.005 U
CARBON TETRACHLORIDE	MG/L	0.005	0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.025 U	0.01 U	0.001 U	0.005 U
CHLOROBENZENE	MG/L	0.005	0.0022	7.6	0.24	0.022	0.005 U	0.015 J	8.2 J	0.043	0.0033 J
CHLOROFORM	MG/L	0.007	0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.025 U	0.01 U	0.001 U	0.005 U
CHLOROMETHANE	MG/L	0.005	0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.025 U	0.01 U	0.001 U	0.005 U
CIS-1,2-DICHLOROETHENE	MG/L	0.005	0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.025 U	0.01 U	0.001 U	0.005 U
CYCLOHEXANE	MG/L		0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.025 U	0.01 U	0.001 U	0.005 U
ETHYLBENZENE	MG/L	0.005	0.001 U	0.04 U	0.004 U	0.0036 J	0.005 U	1.1	0.0052 J	0.001 U	0.005 U
ISOPROPYLBENZENE	MG/L	0.005	0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.17	0.01 U	0.001 U	0.005 U
METHYL ACETATE	MG/L		0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.025 U	0.01 U	0.001 U	0.005 U
METHYLCYCLOHEXANE	MG/L		0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.025 U	0.01 U	0.001 U	0.005 U
METHYLENE CHLORIDE	MG/L	0.005	0.001 U	0.039 J	0.0028 J	0.005 U	0.0027 J	0.013 J	0.01 U	0.001 U	0.0027 J
STYRENE	MG/L	0.005	0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.49	0.01 U	0.001 U	0.005 U
TETRACHLOROETHENE	MG/L	0.005	0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.025 U	0.01 U	0.001 U	0.005 U
TOLUENE	MG/L	0.005	0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.12	0.014	0.001 U	0.005 U
TRICHLOROETHENE	MG/L	0.005	0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.025 U	0.01 U	0.001 U	0.005 U
VINYL CHLORIDE	MG/L	0.002	0.001 U	0.04 U	0.004 U	0.005 U	0.005 U	0.025 U	0.01 U	0.001 U	0.005 U
XYLENES, TOTAL	MG/L	0.005	0.003 U	0.12 U	0.012 U	0.021	0.015 U	9.1	0.036	0.003 U	0.015 U

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Buffalo Color Facility - RI/FS

Parameter	Units	NYSDEC CLASS GA STANDARDS	GW ICM-104 01/17/07 ICM-104-0107	GW ICM-105 01/18/07 ICM-105-0107	GW PZ-102 02/28/07 PZ102-0207-22 FEET	GW PZ-102 02/28/07 PZ102-0207-25 FEET	GW PZ-102 02/28/07 PZ102-0207-28 FEET	GW R-01 01/23/07 R-01-0107	GW R-04 01/23/07 R-04-0107	GW RFI-16 01/18/07 RFI-16-0107	GW RFI-17 01/22/07 RFI-17-0107
GENERAL WATER CHEMISTRY											
CHLORIDE	MG/L	250	73	46.7				176	68.4	4.2	13.5
CYANIDE	MG/L	0.2	0.87	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
NITROGEN, NITRATE-NITRITE	MG/L		0.05 U	0.05 U				0.13	0.05 U	0.05 U	0.08
SULFATE	MG/L	250	69.4	187				5 U	5 U	5 U	102
SULFIDE	MG/L	0.05	5.6	1 U				1 U	1 U	1 U	1 U
TOTAL RECOVERABLE PHENOLICS	MG/L		0.06	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
METALS (TOTAL)											
ALUMINUM	MG/L		0.248	0.2 U				0.2 U	0.2 U	0.258	0.2 U
ANTIMONY	MG/L	0.003	0.02 U	0.02 U				0.02 U	0.02 U	0.02 U	0.02 U
ARSENIC	MG/L	0.025	0.03	0.0127				0.01 U	0.01 U	0.01 U	0.01 U
BARIUM	MG/L	1	0.0091	0.11				0.0096	0.202	0.041	0.0277
BERYLLIUM	MG/L	0.003	0.002 U	0.002 U				0.002 U	0.002 U	0.002 U	0.002 U
CADMIUM	MG/L	0.005	0.001 U	0.001 U				0.001 U	0.001 U	0.001 U	0.001 U
CALCIUM	MG/L		2.42	130				1.36	16.4	26.9	135
CHROMIUM (TRIVALENT)	MG/L	0.05	0.0054	0.004 U				0.004 U	0.004 U	0.0102	0.0099
COBALT	MG/L		0.0046	0.004 U				0.004 U	0.004 U	0.004 U	0.004 U
COPPER	MG/L	0.2	0.0112	0.01 U				0.01 U	0.01 U	0.0425	0.01 U
IRON	MG/L	0.3	1.02	4.15				0.0859	0.829	1.02	0.074
LEAD	MG/L	0.025	0.0335	0.005 U				0.0152	0.005 U	0.0173	0.005 U
MAGNESIUM	MG/L	35	0.2 U	15.7				0.585	24	1.06	43.9
MANGANESE	MG/L	0.3	0.0048	0.294				0.003	0.0084	0.0318	0.0045
MERCURY	MG/L	0.0007	0.00051	0.0002 U				0.0002 U	0.0002 U	0.0002 U	0.0002 U
NICKEL	MG/L	0.1	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
POTASSIUM	MG/L		237	22.4				2.02	5.77	18.7	1.11
SELENIUM	MG/L	0.01	0.015 U	0.015 U				0.015 U	0.015 U	0.015 U	0.015 U
SILVER	MG/L	0.05	0.003 U	0.003 U				0.003 U	0.003 U	0.003 U	0.003 U
SODIUM	MG/L	20	383	60.1				193	87.2	3.37	55.8
THALLIUM	MG/L	0.0005	0.02 U	0.02 U				0.02 U	0.02 U	0.02 U	0.02 U
VANADIUM	MG/L		0.0119	0.005 U				0.005 U	0.005 U	0.005 U	0.005 U
ZINC	MG/L	2	0.0297	0.105				1.16	0.372	0.0333	0.01 U

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METALS (DISSOLVED)											
ALUMINUM	MG/L										
ANTIMONY	MG/L	0.003									
ARSENIC	MG/L	0.025									
BARIUM	MG/L	1									
BERYLLIUM	MG/L	0.003									
CADMIUM	MG/L	0.005									
CALCIUM	MG/L										
CHROMIUM	MG/L	0.05									
COBALT	MG/L										
COPPER	MG/L	0.2									
IRON	MG/L	0.3									
LEAD	MG/L	0.025									
MAGNESIUM	MG/L	35									
MANGANESE	MG/L	0.3									
MERCURY	MG/L	0.0007									
NICKEL	MG/L	0.1									
POTASSIUM	MG/L										
SELENIUM	MG/L	0.01									
SILVER	MG/L	0.05									
SODIUM	MG/L	20									
THALLIUM	MG/L	0.0005									
VANADIUM	MG/L										
ZINC	MG/L	2									
SVOCs											
1-METHYL-2,4-DINITROBENZENE	MG/L	0.005	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
2,4-DICHLOROPHENOL	MG/L	0.005	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
2,4-DIMETHYLPHENOL	MG/L	0.001	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
2,4-DINITROPHENOL	MG/L	0.001	0.049 UJ	0.049 U				0.053 U	0.049 U	0.049 U	0.048 U
2,6-DINITROTOLUENE	MG/L	0.005	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
2-CHLOROPHENOL	MG/L		0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
2-METHYLNAPHTHALENE	MG/L		0.004 J	0.013				0.01 U	0.01 U	0.01 U	0.01 U
2-METHYLPHENOL	MG/L		0.0007 J	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
3,3'-DICHLOROBENZIDINE	MG/L	0.005	0.02 U	0.02 U				0.021 U	0.02 U	0.02 U	0.019 U
3-NITROANILINE	MG/L	0.005	0.049 U	0.049 U				0.053 U	0.049 U	0.049 U	0.048 U
4-CHLORO-3-METHYLPHENOL	MG/L		0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
4-CHLOROANILINE	MG/L	0.005	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
4-METHYLPHENOL	MG/L		0.002 J	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
ACENAPHTHENE	MG/L	0.02	0.004 J	0.056				0.01 U	0.01 U	0.01 U	0.01 U
ACENAPHTHYLENE	MG/L		0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
ACETOPHENONE	MG/L		0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
ANILINE	MG/L	0.005	6.2	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
ANTHRACENE	MG/L	0.05	0.0005 J	0.002 J				0.01 U	0.01 U	0.01 U	0.01 U
BENZIDINE	MG/L	0.005									
BENZO(A)ANTHRACENE	MG/L	0.000002	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
BENZO(A)PYRENE	MG/L		0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
BENZO(B)FLUORANTHENE	MG/L	0.000002	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
BENZO(G,H,I)PERYLENE	MG/L		0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
BENZO(K)FLUORANTHENE	MG/L	0.000002	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
BIPHENYL	MG/L	0.005	0.002 J	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/L	0.005	0.01 U	0.01 U				0.01 U	0.01 U	0.008 J	0.01 U
BUTYLBENZYL PHTHALATE	MG/L	0.05	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U

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CAPROLACTAM	MG/L		0.01 UJ	0.01 UJ				0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
CARBAZOLE	MG/L		0.009 J	0.014				0.01 U	0.01 U	0.01 U	0.01 U
CHRYSENE	MG/L	0.000002	0.0003 J	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
DECANE	MG/L										
DI-N-BUTYL PHTHALATE	MG/L	0.05	0.01 U	0.0008 J				0.01 U	0.0004 J	0.01 U	0.01 U
DI-N-OCTYL PHTHALATE	MG/L	0.05	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
DIBENZO(A,H)ANTHRACENE	MG/L		0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
DIBENZOFURAN	MG/L		0.003 J	0.019				0.01 U	0.01 U	0.01 U	0.01 U
DIETHYL PHTHALATE	MG/L	0.05	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
DIMETHYL PHTHALATE	MG/L	0.05	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
FLUORANTHENE	MG/L	0.05	0.0005 J	0.002 J				0.01 U	0.01 U	0.01 U	0.01 U
FLUORENE	MG/L	0.05	0.003 J	0.034				0.01 U	0.01 U	0.01 U	0.01 U
HEXACHLOROBENZENE	MG/L	0.00004	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
INDENO(1,2,3-CD)PYRENE	MG/L	0.000002	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
N-NITROSODIPHENYLAMINE	MG/L	0.05	0.021	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
NAPHTHALENE	MG/L	0.01	0.22 J	0.003 J				0.01 U	0.01 U	0.01 U	0.0002 J
NITROBENZENE	MG/L	0.0004	0.01 U	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
O-NITROANANILINE	MG/L	0.005	0.049 U	0.049 U				0.053 U	0.049 U	0.049 U	0.048 U
OCTADECANE	MG/L										
PHENANTHRENE	MG/L	0.05	0.002 J	0.0006 J				0.01 U	0.01 U	0.01 U	0.01 U
PHENOL	MG/L	0.001	0.01 UJ	0.01 U				0.01 U	0.01 U	0.01 U	0.01 U
PYRENE	MG/L	0.05	0.0006 J	0.002 J				0.01 U	0.01 U	0.01 U	0.01 U
VOCs											
1,1,1-TRICHLOROETHANE	MG/L	0.005	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/L	0.005	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-TRICHLOROBENZENE	MG/L	0.005	0.005 UJ	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-DICHLOROBENZENE	MG/L	0.003	0.005 U	0.005 U	0.048	0.051	0.05	0.001 U	0.001 U	0.001 U	0.001 U
1,2-DICHLOROETHANE	MG/L	0.0006	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-DICHLOROBENZENE	MG/L	0.003	0.005 U	0.005 U	0.01	0.011	0.01	0.001 U	0.001 U	0.001 U	0.001 U
1,4-DICHLOROBENZENE	MG/L	0.003	0.005 U	0.005 U	0.091	0.099	0.092	0.001 U	0.001 U	0.001 U	0.001 U
2-BUTANONE	MG/L	0.05	0.025 U	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
ACETONE	MG/L	0.05	0.25	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.004 J	0.005 U
BENZENE	MG/L	0.001	0.0053	0.005 U	0.071	0.069	0.064	0.001 U	0.001 U	0.0005 J	0.001 U
CARBON DISULFIDE	MG/L	0.06	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00062 J	0.001 U
CARBON TETRACHLORIDE	MG/L	0.005	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
CHLOROBENZENE	MG/L	0.005	0.005 U	0.0028 J	3.4	4 J	4 J	0.001 U	0.001 U	0.001 U	0.001 U
CHLOROFORM	MG/L	0.007	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
CHLOROMETHANE	MG/L	0.005	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0012 U
CIS-1,2-DICHLOROETHENE	MG/L	0.005	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
CYCLOHEXANE	MG/L		0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.00061 J	0.001 U	0.001 U	0.001 U
ETHYLBENZENE	MG/L	0.005	0.005 U	0.0028 J	0.0011	0.0011	0.0011	0.001 U	0.001 U	0.001 U	0.001 U
ISOPROPYLBENZENE	MG/L	0.005	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
METHYL ACETATE	MG/L		0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
METHYLCYCLOHEXANE	MG/L		0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
METHYLENE CHLORIDE	MG/L	0.005	0.0028 J	0.0033 J	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 UJ
STYRENE	MG/L	0.005	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
TETRACHLOROETHENE	MG/L	0.005	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
TOLUENE	MG/L	0.005	0.005 U	0.005 U	0.0007 J	0.00072 J	0.00086 J	0.001 U	0.001 U	0.001 U	0.001 U
TRICHLOROETHENE	MG/L	0.005	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
VINYL CHLORIDE	MG/L	0.002	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
XYLENES, TOTAL	MG/L	0.005	0.015 U	0.015 U	0.0024 J	0.0024 J	0.0024 J	0.003 U	0.003 U	0.003 U	0.003 U

J=Estimated
N=Uncertain identification
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U=Undetected at listed detection limit

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Table 7
Summary of Analytical Results - Groundwater Sampling
Buffalo Color Facility - RI/FS

Parameter	Units	NYSDEC CLASS GA STANDARDS	GW RFI-18 01/18/07 RFI-18-0107	GW RFI-19D 01/18/07 RFI-19D-0107	GW RFI-20 01/19/07 RFI-20-0107	GW RFI-21D 01/22/07 RFI-21D-0107	GW RFI-22 01/17/07 RFI-22-0107	GW RFI-23D 01/18/07 RFI-23D-0107	GW RFI-24 01/17/07 RFI-24-0107	GW RFI-25 01/16/07 RFI-25-0107	GW RFI-27 01/18/07 RFI-27-0107
GENERAL WATER CHEMISTRY											
CHLORIDE	MG/L	250	5870	222	215	87.8	674	70.9	82.8	174	651
CYANIDE	MG/L	0.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	1	0.01 U	0.01 U
NITROGEN, NITRATE-NITRITE	MG/L		0.05 U	0.05 U	0.4	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
SULFATE	MG/L	250	456	38.4	978	5 U	335	16.2	96.1	272	276
SULFIDE	MG/L	0.05	1 U	1 U	1 UJ	1 U	1 U	1 U	4.4	1.6 J	1 U
TOTAL RECOVERABLE PHENOLICS	MG/L						0.01	0.01 U	0.03	0.01	
METALS (TOTAL)											
ALUMINUM	MG/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.433	0.2 U	0.2 U
ANTIMONY	MG/L	0.003	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
ARSENIC	MG/L	0.025	0.01 U	0.01 U	0.01 U	0.01 U	0.0119	0.01 U	0.0121	0.0849	0.01 U
BARIUM	MG/L	1	0.0673	0.244	0.0156	0.27	0.198	0.0888	0.0071	0.155	0.0436
BERYLLIUM	MG/L	0.003	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
CADMIUM	MG/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
CALCIUM	MG/L		1050	336	427	44.8	225	11.6	1.89	250	203
CHROMIUM (TRIVALENT)	MG/L	0.05	0.004 U	0.0223	0.004 U	0.004 U	0.004 U	0.004 U	0.0132	0.004 U	2.06
COBALT	MG/L		0.0119	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.0203
COPPER	MG/L	0.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0219	0.01 U	0.051
IRON	MG/L	0.3	20.2	0.05 U	2.36	0.17	148	0.229	1.28	2.57	23.5
LEAD	MG/L	0.025	0.005 U	0.005 U	0.005 U	0.005 U	0.0068	0.005 U	0.0402	0.005 U	0.005 U
MAGNESIUM	MG/L	35	298	0.2 U	103	37.3	30	7.19	0.2 U	32.8	87.5
MANGANESE	MG/L	0.3	4.93	0.003 U	1.97	0.0044	3.7	0.0086	0.0076	1.28	0.344
MERCURY	MG/L	0.0007	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00028	0.0002 U	0.0002 U
NICKEL	MG/L	0.1	0.0132	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	1.68
POTASSIUM	MG/L		2.63	6.8	6.11	2.25	84.1	6.03	198	48.6	2.35
SELENIUM	MG/L	0.01	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	0.05	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
SODIUM	MG/L	20	1070	90.2	130	68.7	423	85.1	315	175	283
THALLIUM	MG/L	0.0005	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
VANADIUM	MG/L		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0209	0.005 U	0.0076
ZINC	MG/L	2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0905	0.01 U	0.0107

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Table 7
Summary of Analytical Results - Groundwater Sampling
Buffalo Color Facility - RI/FS

Parameter	Units	NYSDEC CLASS GA STANDARDS	GW RFI-18 01/18/07 RFI-18-0107	GW RFI-19D 01/18/07 RFI-19D-0107	GW RFI-20 01/19/07 RFI-20-0107	GW RFI-21D 01/22/07 RFI-21D-0107	GW RFI-22 01/17/07 RFI-22-0107	GW RFI-23D 01/18/07 RFI-23D-0107	GW RFI-24 01/17/07 RFI-24-0107	GW RFI-25 01/16/07 RFI-25-0107	GW RFI-27 01/18/07 RFI-27-0107
METALS (DISSOLVED)											
ALUMINUM	MG/L										0.2 U
ANTIMONY	MG/L	0.003									0.02 U
ARSENIC	MG/L	0.025									0.01 U
BARIUM	MG/L	1									0.0264
BERYLLIUM	MG/L	0.003									0.002 U
CADMIUM	MG/L	0.005									0.001 U
CALCIUM	MG/L										206
CHROMIUM	MG/L	0.05									0.004 U
COBALT	MG/L										0.0135
COPPER	MG/L	0.2									0.01 U
IRON	MG/L	0.3									0.0502
LEAD	MG/L	0.025									0.005 U
MAGNESIUM	MG/L	35									90.9
MANGANESE	MG/L	0.3									0.24
MERCURY	MG/L	0.0007									0.0002 U
NICKEL	MG/L	0.1									1.36
POTASSIUM	MG/L										2.5
SELENIUM	MG/L	0.01									0.015 U
SILVER	MG/L	0.05									0.003 U
SODIUM	MG/L	20									294
THALLIUM	MG/L	0.0005									0.02 U
VANADIUM	MG/L										0.005 U
ZINC	MG/L	2									0.01 U
SVOCs											
1-METHYL-2,4-DINITROBENZENE	MG/L	0.005	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
2,4-DICHLOROPHENOL	MG/L	0.005	0.01 U	0.01 U	0.01 U	0.01 U	0.001 J	0.01 U	0.01 U	0.01 U	0.01 U
2,4-DIMETHYLPHENOL	MG/L	0.001	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
2,4-DINITROPHENOL	MG/L	0.001	0.05 U	0.049 U	0.05 U	0.049 U	0.049 U	0.05 U	0.048 UJ	0.049 UJ	0.049 U
2,6-DINITROTOLUENE	MG/L	0.005	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
2-CHLOROPHENOL	MG/L		0.01 U	0.01 U	0.007 J	0.01 U	0.002 J	0.01 U	0.01 U	0.003 J	0.01 U
2-METHYLNAPHTHALENE	MG/L		0.01 U	0.0006 J	0.01 U	0.0005 J	0.001 J	0.01 U	0.01	0.01 U	0.005 J
2-METHYLPHENOL	MG/L		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 J	0.01 U	0.01 U
3,3'-DICHLOROBENZIDINE	MG/L	0.005	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.019 U	0.02 U	0.02 U
3-NITROANILINE	MG/L	0.005	0.05 U	0.049 U	0.05 U	0.049 U	0.049 U	0.05 U	0.048 U	0.049 U	0.049 U
4-CHLORO-3-METHYLPHENOL	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	0.01 U
4-CHLOROANILINE	MG/L	0.005	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.021	0.01 U
4-METHYLPHENOL	MG/L		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.003 J	0.01 U	0.01 U
ACENAPHTHENE	MG/L	0.02	0.01 U	0.01 U	0.01 U	0.0003 J	0.005 J	0.01 U	0.009 J	0.005 J	0.01 U
ACENAPHTHYLENE	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	0.01 U
ACETOPHENONE	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	0.01 U
ANILINE	MG/L	0.005	0.01	0.04	0.01 U	0.01 U	0.006 J	0.013	2.5	0.009 J	0.004 J
ANTHRACENE	MG/L	0.05	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.001 J	0.01 U	0.01 U
BENZIDINE	MG/L	0.005									
BENZO(A)ANTHRACENE	MG/L	0.000002	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
BENZO(A)PYRENE	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	0.01 U
BENZO(B)FLUORANTHENE	MG/L	0.000002	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
BENZO(G,H,I)PERYLENE	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	0.01 U
BENZO(K)FLUORANTHENE	MG/L	0.000002	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
BIPHENYL	MG/L	0.005	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.004 J	0.01 U	0.01 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/L	0.005	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
BUTYLBENZYL PHTHALATE	MG/L	0.05	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

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Table 7
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Buffalo Color Facility - RI/FS

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CAPROLACTAM	MG/L		0.01 UJ	0.009 J	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
CARBAZOLE	MG/L		0.01 U	0.01 U	0.01 U	0.01 U	0.0004 J	0.01 U	0.01	0.0003 J	0.01 U
CHRYSENE	MG/L	0.000002	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
DECANE	MG/L										
DI-N-BUTYL PHTHALATE	MG/L	0.05	0.01 U	0.01 U	0.01 U	0.01 U	0.0003 J	0.01 U	0.0004 J	0.0003 J	0.01 U
DI-N-OCTYL PHTHALATE	MG/L	0.05	0.0005 J	0.01 U	0.01 U	0.0002 J	0.01 U	0.01 U	0.01 U	0.0002 U	0.01 U
DIBENZO(A,H)ANTHRACENE	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	0.01 U
DIBENZOFURAN	MG/L		0.01 U	0.01 U	0.01 U	0.01 U	0.0004 J	0.01 U	0.008 J	0.01 U	0.001 J
DIETHYL PHTHALATE	MG/L	0.05	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
DIMETHYL PHTHALATE	MG/L	0.05	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
FLUORANTHENE	MG/L	0.05	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.001 J	0.0004 J	0.01 U
FLUORENE	MG/L	0.05	0.01 U	0.01 U	0.01 U	0.01 U	0.0004 J	0.01 U	0.008 J	0.01 U	0.01 U
HEXACHLOROBENZENE	MG/L	0.00004	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
INDENO(1,2,3-CD)PYRENE	MG/L	0.000002	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
N-NITROSODIPHENYLAMINE	MG/L	0.05	0.01 U	0.01 U	0.01 U	0.01 U	0.0003 J	0.01 U	0.037	0.024	0.01 U
NAPHTHALENE	MG/L	0.01	0.01 U	0.006 J	0.002 J	0.012	0.011	0.01 U	0.13	0.009 J	0.028
NITROBENZENE	MG/L	0.0004	0.01 U	0.002 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
O-NITROANANILINE	MG/L	0.005	0.05 U	0.049 U	0.05 U	0.049 U	0.049 U	0.05 U	0.048 U	0.049 U	0.049 U
OCTADECANE	MG/L										
PHENANTHRENE	MG/L	0.05	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.004 J	0.01 U	0.0005 J
PHENOL	MG/L	0.001	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 UJ	0.01 U
PYRENE	MG/L	0.05	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0009 J	0.0005 J	0.01 U
VOCs											
1,1,1-TRICHLOROETHANE	MG/L	0.005	0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/L	0.005	0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
1,2,4-TRICHLOROBENZENE	MG/L	0.005	0.001 U	0.001 U	0.08 U	0.001 U	0.001 UJ	0.001 U	0.005 UJ	0.025 UJ	0.0042 J
1,2-DICHLOROBENZENE	MG/L	0.003	0.001 U	0.001 U	0.08 U	0.001 U	0.17	0.001 U	0.005 U	0.027	0.005 U
1,2-DICHLOROETHANE	MG/L	0.0006	0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
1,3-DICHLOROBENZENE	MG/L	0.003	0.001 U	0.001 U	0.08 U	0.001 U	0.076	0.001 U	0.005 U	0.025 U	0.005 U
1,4-DICHLOROBENZENE	MG/L	0.003	0.001 U	0.001 U	0.08 U	0.001 U	0.097	0.001 U	0.005 U	0.034	0.005 U
2-BUTANONE	MG/L	0.05	0.005 U	0.005 U	0.4 U	0.005 U	0.005 U	0.005 U	0.025 U	0.12 U	0.025 U
ACETONE	MG/L	0.05	0.005 U	0.0033 J	0.4 U	0.005 U	0.005 U	0.005 U	0.036	0.12 U	0.025 U
BENZENE	MG/L	0.001	0.001 U	0.001 U	0.066 J	0.001 U	0.0046	0.001 U	0.0076	0.047	0.005 U
CARBON DISULFIDE	MG/L	0.06	0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
CARBON TETRACHLORIDE	MG/L	0.005	0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
CHLOROBENZENE	MG/L	0.005	0.001 U	0.001 U	7.7	0.001 U	0.34	0.001 U	0.005 U	3.1	0.0068
CHLOROFORM	MG/L	0.007	0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
CHLOROMETHANE	MG/L	0.005	0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
CIS-1,2-DICHLOROETHENE	MG/L	0.005	0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
CYCLOHEXANE	MG/L		0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
ETHYLBENZENE	MG/L	0.005	0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
ISOPROPYLBENZENE	MG/L	0.005	0.001 U	0.001 U	0.08 U	0.001 U	0.003	0.001 U	0.005 U	0.025 U	0.005 U
METHYL ACETATE	MG/L		0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
METHYLCYCLOHEXANE	MG/L		0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
METHYLENE CHLORIDE	MG/L	0.005	0.001 U	0.001 U	0.052 J	0.001 UJ	0.001 U	0.001 U	0.0028 J	0.017 J	0.0058
STYRENE	MG/L	0.005	0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
TETRACHLOROETHENE	MG/L	0.005	0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.54
TOLUENE	MG/L	0.005	0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
TRICHLOROETHENE	MG/L	0.005	0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.066
VINYL CHLORIDE	MG/L	0.002	0.001 U	0.001 U	0.08 U	0.001 U	0.001 U	0.001 U	0.005 U	0.025 U	0.005 U
XYLENES, TOTAL	MG/L	0.005	0.003 U	0.003 U	0.24 U	0.003 U	0.003 U	0.003 U	0.015 U	0.075 U	0.015 U

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Table 7
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Buffalo Color Facility - RI/FS

Parameter	Units	NYSDEC CLASS GA STANDARDS	GW RFI-28 01/18/07 RFI-28-0107	GW RFI-29 01/19/07 RFI-29-0107	GW RFI-30 01/18/07 RFI-30-0107	GW RFI-31 01/19/07 RFI-31-0107	GW RFI-32 01/22/07 RFI-32-0107	GW RFI-33 01/22/07 RFI-33-0107	GW RFI-35 01/19/07 RFI-35-0107	GW RFI-36 01/22/07 RFI-36-0107	GW RFI-36R 01/22/07 RFI-36R-0107
GENERAL WATER CHEMISTRY											
CHLORIDE	MG/L	250	233	197	782	2240	94.1	784	236	13.1	12.8
CYANIDE	MG/L	0.2	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
NITROGEN, NITRATE-NITRITE	MG/L		0.05 U	0.05 U	0.14	0.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
SULFATE	MG/L	250	745	66.8	479	547	253	107	3140	1380	12
SULFIDE	MG/L	0.05	1.2	1.6 J	1 U	1 UJ	1 U	1 U	1 UJ	1 U	1 U
TOTAL RECOVERABLE PHENOLICS	MG/L			0.01 U			0.01 U	0.01 U		0.01 U	0.01 U
METALS (TOTAL)											
ALUMINUM	MG/L		0.2 U	0.261	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
ANTIMONY	MG/L	0.003	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
ARSENIC	MG/L	0.025	0.0494	0.0152	0.01 U	0.01 U	0.0104	0.01 U	0.0134	0.01 U	0.01 U
BARIUM	MG/L	1	0.0137	0.0744	0.0255	0.0297	0.0464	0.0656	0.0132	0.017	0.0152
BERYLLIUM	MG/L	0.003	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
CADMIUM	MG/L	0.005	0.001 U	0.001 U	0.0014	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
CALCIUM	MG/L		168	34.8	333	59	199	198	538	566	560
CHROMIUM (TRIVALENT)	MG/L	0.05	0.0084	0.004 U	0.813	0.0042	0.004 U	0.0242	0.004 U	0.004 U	0.004 U
COBALT	MG/L		0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.0076	0.004 U	0.004 U
COPPER	MG/L	0.2	0.01 U	0.01 U	0.0207	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
IRON	MG/L	0.3	0.0749	0.262	9.68	0.14	2.45	0.637	13.8	42.2	35.3
LEAD	MG/L	0.025	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
MAGNESIUM	MG/L	35	11	5.4	129	10.5	82.2	72.3	512	65.8	76.6
MANGANESE	MG/L	0.3	0.0864	0.0686	0.593	0.286	0.993	0.633	1.69	0.662	0.705
MERCURY	MG/L	0.0007	0.0002 U	0.00332	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
NICKEL	MG/L	0.1	0.01 U	0.01 U	0.268	0.0133	0.01 U	0.344	0.01 U	0.0101	0.013
POTASSIUM	MG/L		9.11	2.81	1.8	25.3	1.33	0.965	6.01	9.28	9.87
SELENIUM	MG/L	0.01	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	0.05	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
SODIUM	MG/L	20	535	211	317	2020	75.2	341	667	25.9	28
THALLIUM	MG/L	0.0005	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
VANADIUM	MG/L		0.026	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
ZINC	MG/L	2	0.01 U	0.01 U	0.0167	0.013	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

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J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 7
Summary of Analytical Results - Groundwater Sampling
Buffalo Color Facility - RI/FS

Parameter	Units	NYSDEC CLASS GA STANDARDS	GW RFI-28 01/18/07 RFI-28-0107	GW RFI-29 01/19/07 RFI-29-0107	GW RFI-30 01/18/07 RFI-30-0107	GW RFI-31 01/19/07 RFI-31-0107	GW RFI-32 01/22/07 RFI-32-0107	GW RFI-33 01/22/07 RFI-33-0107	GW RFI-35 01/19/07 RFI-35-0107	GW RFI-36 01/22/07 RFI-36-0107	GW RFI-36R 01/22/07 RFI-36R-0107
METALS (DISSOLVED)											
ALUMINUM	MG/L				0.2 U					0.2 U	0.2 U
ANTIMONY	MG/L	0.003			0.02 U					0.02 U	0.02 U
ARSENIC	MG/L	0.025			0.01 U					0.01 U	0.01 U
BARIUM	MG/L	1			0.0245					0.0142	0.0143
BERYLLIUM	MG/L	0.003			0.002 U					0.002 U	0.002 U
CADMIUM	MG/L	0.005			0.001 U					0.001 U	0.001 U
CALCIUM	MG/L				354					534	559
CHROMIUM	MG/L	0.05			0.004 U					0.004 U	0.004 U
COBALT	MG/L				0.004 U					0.004 U	0.004 U
COPPER	MG/L	0.2			0.01 U					0.01 U	0.01 U
IRON	MG/L	0.3			0.128					28.5	30.5
LEAD	MG/L	0.025			0.005 U					0.005 U	0.005 U
MAGNESIUM	MG/L	35			134					69.5	72.6
MANGANESE	MG/L	0.3			0.739					0.653	0.69
MERCURY	MG/L	0.0007			0.0002 U					0.0002 U	0.0002 U
NICKEL	MG/L	0.1			0.119					0.0123	0.0125
POTASSIUM	MG/L				1.87					9.26	9.81
SELENIUM	MG/L	0.01			0.015 U					0.015 U	0.015 U
SILVER	MG/L	0.05			0.003 U					0.003 U	0.003 U
SODIUM	MG/L	20			328					25.7	27.1
THALLIUM	MG/L	0.0005			0.02 U					0.02 U	0.02 U
VANADIUM	MG/L				0.005 U					0.005 U	0.005 U
ZINC	MG/L	2			0.0122					0.01 U	0.01 U
SVOCs											
1-METHYL-2,4-DINITROBENZENE	MG/L	0.005	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
2,4-DICHLOROPHENOL	MG/L	0.005	0.009 UJ	0.01 U	0.01 U	0.001 J	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
2,4-DIMETHYLPHENOL	MG/L	0.001	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
2,4-DINITROPHENOL	MG/L	0.001	0.047 UJ	0.05 U	0.049 U	0.049 U	0.048 U	0.048 U	0.049 U	0.056 U	0.049 U
2,6-DINITROTOLUENE	MG/L	0.005	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
2-CHLOROPHENOL	MG/L		0.009 UJ	0.01 U	0.01 U	0.01 U	0.011	0.01 U	0.01 U	0.011 U	0.01 U
2-METHYLNAPHTHALENE	MG/L		0.003 J	0.01 U	0.004 J	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
2-METHYLPHENOL	MG/L		0.009 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
3,3'-DICHLOROBENZIDINE	MG/L	0.005	0.019 U	0.02 U	0.02 U	0.02 U	0.019 U	0.019 U	0.02 U	0.022 U	0.02 U
3-NITROANILINE	MG/L	0.005	0.047 U	0.05 U	0.049 U	0.049 U	0.048 U	0.048 U	0.049 U	0.056 U	0.049 U
4-CHLORO-3-METHYLPHENOL	MG/L		0.009 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
4-CHLOROANILINE	MG/L	0.005	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
4-METHYLPHENOL	MG/L		0.009 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
ACENAPHTHENE	MG/L	0.02	0.0008 J	0.01 U	0.001 J	0.01 U	0.01 U	0.01 U	0.01 U	0.001 J	0.001 J
ACENAPHTHYLENE	MG/L		0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
ACETOPHENONE	MG/L		0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
ANILINE	MG/L	0.005	0.007 J	0.01 U	0.008 J	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
ANTHRACENE	MG/L	0.05	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
BENZIDINE	MG/L	0.005									
BENZO(A)ANTHRACENE	MG/L	0.000002	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0004 J	0.01 U	0.011 U	0.01 U
BENZO(A)PYRENE	MG/L		0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0003 J	0.01 U	0.011 U	0.01 U
BENZO(B)FLUORANTHENE	MG/L	0.000002	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0004 J	0.01 U	0.011 U	0.01 U
BENZO(G,H,I)PERYLENE	MG/L		0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
BENZO(K)FLUORANTHENE	MG/L	0.000002	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
BIPHENYL	MG/L	0.005	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/L	0.005	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
BUTYLBENZYL PHTHALATE	MG/L	0.05	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U

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Table 7
Summary of Analytical Results - Groundwater Sampling
Buffalo Color Facility - RI/FS

Parameter	Units	NYSDEC CLASS GA STANDARDS	GW RFI-28 01/18/07 RFI-28-0107	GW RFI-29 01/19/07 RFI-29-0107	GW RFI-30 01/18/07 RFI-30-0107	GW RFI-31 01/19/07 RFI-31-0107	GW RFI-32 01/22/07 RFI-32-0107	GW RFI-33 01/22/07 RFI-33-0107	GW RFI-35 01/19/07 RFI-35-0107	GW RFI-36 01/22/07 RFI-36-0107	GW RFI-36R 01/22/07 RFI-36R-0107
CAPROLACTAM	MG/L		0.009 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.011 UJ	0.01 UJ
CARBAZOLE	MG/L		0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
CHRYSENE	MG/L	0.000002	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0003 J	0.01 U	0.011 U	0.01 U
DECANE	MG/L										
DI-N-BUTYL PHTHALATE	MG/L	0.05	0.009 U	0.01 U	0.01 U	0.01 U	0.0003 J	0.01 U	0.01 U	0.0004 J	0.01 U
DI-N-OCTYL PHTHALATE	MG/L	0.05	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
DIBENZO(A,H)ANTHRACENE	MG/L		0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
DIBENZOFURAN	MG/L		0.0006 J	0.01 U	0.001 J	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
DIETHYL PHTHALATE	MG/L	0.05	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
DIMETHYL PHTHALATE	MG/L	0.05	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
FLUORANTHENE	MG/L	0.05	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0008 J	0.01 U	0.001 J	0.002 J
FLUORENE	MG/L	0.05	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0003 J	0.0003 J
HEXACHLOROBENZENE	MG/L	0.00004	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
INDENO(1,2,3-CD)PYRENE	MG/L	0.000002	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
N-NITROSODIPHENYLAMINE	MG/L	0.05	0.002 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
NAPHTHALENE	MG/L	0.01	0.024	0.0009 J	0.065	0.01 U	0.0005 J	0.01 U	0.01 U	0.011 U	0.01 U
NITROBENZENE	MG/L	0.0004	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
O-NITROANANILINE	MG/L	0.005	0.047 U	0.05 U	0.049 U	0.049 U	0.048 U	0.048 U	0.049 U	0.056 U	0.049 U
OCTADECANE	MG/L										
PHENANTHRENE	MG/L	0.05	0.009 U	0.01 U	0.0008 J	0.01 U	0.01 U	0.0005 J	0.01 U	0.011 U	0.01 U
PHENOL	MG/L	0.001	0.009 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.01 U
PYRENE	MG/L	0.05	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 J	0.01 U	0.001 J	0.001 J
VOCs											
1,1,1-TRICHLOROETHANE	MG/L	0.005	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/L	0.005	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.0093	0.012
1,2,4-TRICHLOROBENZENE	MG/L	0.005	0.005 U	0.001 U	0.001 U	0.44	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-DICHLOROBENZENE	MG/L	0.003	0.005 U	0.0025	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-DICHLOROETHANE	MG/L	0.0006	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-DICHLOROBENZENE	MG/L	0.003	0.005 U	0.0012	0.001 U	0.14	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-DICHLOROBENZENE	MG/L	0.003	0.005 U	0.0054	0.001 U	0.012	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
2-BUTANONE	MG/L	0.05	0.025 U	0.005 U	0.005 U	0.04 U	2 U	0.005 U	0.005 U	0.005 U	0.005 U
ACETONE	MG/L	0.05	0.025 U	0.005 U	0.005 U	0.04 U	2 U	0.005 U	0.005 U	0.005 U	0.005 U
BENZENE	MG/L	0.001	0.0036 J	0.001 U	0.001 U	0.0055 J	0.6	0.001 U	0.001 U	0.001 U	0.001 U
CARBON DISULFIDE	MG/L	0.06	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
CARBON TETRACHLORIDE	MG/L	0.005	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
CHLOROBENZENE	MG/L	0.005	0.005 U	0.013	0.001 U	0.76	33	0.001 U	0.001 U	0.001 U	0.00078 J
CHLOROFORM	MG/L	0.007	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
CHLOROMETHANE	MG/L	0.005	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
CIS-1,2-DICHLOROETHENE	MG/L	0.005	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
CYCLOHEXANE	MG/L		0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
ETHYLBENZENE	MG/L	0.005	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
ISOPROPYLBENZENE	MG/L	0.005	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
METHYL ACETATE	MG/L		0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
METHYLCYCLOHEXANE	MG/L		0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
METHYLENE CHLORIDE	MG/L	0.005	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
STYRENE	MG/L	0.005	0.005 U	0.001 U	0.001 U	0.0062 J	0.35 J	0.001 UJ	0.001 U	0.001 UJ	0.001 UJ
TETRACHLOROETHENE	MG/L	0.005	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
TOLUENE	MG/L	0.005	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
TRICHLOROETHENE	MG/L	0.005	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
VINYL CHLORIDE	MG/L	0.002	0.005 U	0.001 U	0.001 U	0.008 U	0.4 U	0.001 U	0.001 U	0.001 U	0.001 U
XYLENES, TOTAL	MG/L	0.005	0.015 U	0.003 U	0.003 U	0.024 U	1.2 U	0.003 U	0.003 U	0.003 U	0.003 U

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U=Undetected at listed detection limit

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Table 7
Summary of Analytical Results - Groundwater Sampling
Buffalo Color Facility - RI/FS

Parameter	Units	NYSDEC CLASS GA STANDARDS	GW RFI-43 01/23/07 RFI-43-0107	GW RFI-51 01/22/07 RFI-51-0107	GW RFI-PZ-17 01/23/07 RFI-PZ-17-0107	GW RFI-PZ-18 01/23/07 RFI-PZ-18-0107	GW RFI-PZ-19 01/23/07 RFI-PZ-19-0107
GENERAL WATER CHEMISTRY							
CHLORIDE	MG/L	250	13.4	10.6	9.4	133	10
CYANIDE	MG/L	0.2	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U
NITROGEN, NITRATE-NITRITE	MG/L		0.05 U	0.05 U	0.05 U	0.05 U	0.06
SULFATE	MG/L	250	1290	1040	115	4240	53.4
SULFIDE	MG/L	0.05	1 U	1 U	3.2	1 U	4
TOTAL RECOVERABLE PHENOLICS	MG/L		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METALS (TOTAL)							
ALUMINUM	MG/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
ANTIMONY	MG/L	0.003	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ARSENIC	MG/L	0.025	0.01 U	1.7	0.01 U	0.01 U	0.01 U
BARIUM	MG/L	1	0.0123	0.0188	0.163	0.151	0.0659
BERYLLIUM	MG/L	0.003	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
CADMIUM	MG/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
CALCIUM	MG/L		464	353	362	148	540
CHROMIUM (TRIVALENT)	MG/L	0.05	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
COBALT	MG/L		0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
COPPER	MG/L	0.2	0.01 U	0.01 U	0.01 U	0.945	
IRON	MG/L	0.3	1.17	64.9	8.38	3.03	1110
LEAD	MG/L	0.025	0.005 U	0.005 U	0.005 U	0.0702	0.005 U
MAGNESIUM	MG/L	35	150	55.6	88.3	19	396
MANGANESE	MG/L	0.3	2.73	1.27	0.461	0.693	31.5
MERCURY	MG/L	0.0007	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
NICKEL	MG/L	0.1	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
POTASSIUM	MG/L		1.12	18	3.93	4.94	31.4
SELENIUM	MG/L	0.01	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
SILVER	MG/L	0.05	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
SODIUM	MG/L	20	23.4	134	13.6	15	175
THALLIUM	MG/L	0.0005	0.02 U	0.02 U	0.02 U	0.02 U	0.0285
VANADIUM	MG/L		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
ZINC	MG/L	2	0.01 U	0.01 U	0.01 U	0.163 J	0.01 UJ

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U=Undetected at listed detection limit

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Table 7
Summary of Analytical Results - Groundwater Sampling
Buffalo Color Facility - RI/FS

Parameter	Units	NYSDEC CLASS GA STANDARDS	GW RFI-43 01/23/07 RFI-43-0107	GW RFI-51 01/22/07 RFI-51-0107	GW RFI-PZ-17 01/23/07 RFI-PZ-17-0107	GW RFI-PZ-18 01/23/07 RFI-PZ-18-0107	GW RFI-PZ-19 01/23/07 RFI-PZ-19-0107
METALS (DISSOLVED)							
ALUMINUM	MG/L			0.2 U			
ANTIMONY	MG/L	0.003		0.02 U			
ARSENIC	MG/L	0.025		0.24			
BARIUM	MG/L	1		0.0121			
BERYLLIUM	MG/L	0.003		0.002 U			
CADMIUM	MG/L	0.005		0.001 U			
CALCIUM	MG/L			351			
CHROMIUM	MG/L	0.05		0.004 U			
COBALT	MG/L			0.004 U			
COPPER	MG/L	0.2		0.01 U			
IRON	MG/L	0.3		23.5			
LEAD	MG/L	0.025		0.005 U			
MAGNESIUM	MG/L	35		56.5			
MANGANESE	MG/L	0.3		1.26			
MERCURY	MG/L	0.0007		0.0002 U			
NICKEL	MG/L	0.1		0.01 U			
POTASSIUM	MG/L			18.7			
SELENIUM	MG/L	0.01		0.015 U			
SILVER	MG/L	0.05		0.003 U			
SODIUM	MG/L	20		135			
THALLIUM	MG/L	0.0005		0.02 U			
VANADIUM	MG/L			0.005 U			
ZINC	MG/L	2		0.01 U			
SVOCs							
1-METHYL-2,4-DINITROBENZENE	MG/L	0.005	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
2,4-DICHLOROPHENOL	MG/L	0.005	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
2,4-DIMETHYLPHENOL	MG/L	0.001	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
2,4-DINITROPHENOL	MG/L	0.001	0.048 U	0.056 U	0.048 U	0.05 UJ	0.049 U
2,6-DINITROTOLUENE	MG/L	0.005	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
2-CHLOROPHENOL	MG/L		0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
2-METHYLNAPHTHALENE	MG/L		0.01 U	0.011 U	0.01 U	0.01 UJ	0.01 U
2-METHYLPHENOL	MG/L		0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
3,3'-DICHLOROBENZIDINE	MG/L	0.005	0.019 U	0.022 U	0.019 U	0.02 UJ	0.02 U
3-NITROANILINE	MG/L	0.005	0.048 U	0.056 U	0.048 U	0.05 U	0.049 U
4-CHLORO-3-METHYLPHENOL	MG/L		0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
4-CHLOROANILINE	MG/L	0.005	0.01 U	0.011 U	0.01 U	0.01 UJ	0.01 U
4-METHYLPHENOL	MG/L		0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
ACENAPHTHENE	MG/L	0.02	0.01 U	0.011 U	0.01 U	0.0003 J	0.01 U
ACENAPHTHYLENE	MG/L		0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
ACETOPHENONE	MG/L		0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
ANILINE	MG/L	0.005	0.01 U	0.011 U	0.01 U	0.01 UJ	0.01 U
ANTHRACENE	MG/L	0.05	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
BENZIDINE	MG/L	0.005					
BENZO(A)ANTHRACENE	MG/L	0.000002	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
BENZO(A)PYRENE	MG/L		0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
BENZO(B)FLUORANTHENE	MG/L	0.000002	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
BENZO(G,H,I)PERYLENE	MG/L		0.01 U	0.011 U	0.01 U	0.01 UJ	0.01 U
BENZO(K)FLUORANTHENE	MG/L	0.000002	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
BIPHENYL	MG/L	0.005	0.01 U	0.011 U	0.01 U	0.01 UJ	0.01 U
BIS(2-ETHYLHEXYL)PHTHALATE	MG/L	0.005	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
BUTYLBENZYL PHTHALATE	MG/L	0.05	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U

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Table 7
Summary of Analytical Results - Groundwater Sampling
Buffalo Color Facility - RI/FS

Parameter	Units	NYSDEC CLASS GA STANDARDS	GW RFI-43 01/23/07 RFI-43-0107	GW RFI-51 01/22/07 RFI-51-0107	GW RFI-PZ-17 01/23/07 RFI-PZ-17-0107	GW RFI-PZ-18 01/23/07 RFI-PZ-18-0107	GW RFI-PZ-19 01/23/07 RFI-PZ-19-0107
CAPROLACTAM	MG/L		0.01 UJ	0.011 UJ	0.01 UJ	0.01 UJ	0.01 UJ
CARBAZOLE	MG/L		0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
CHRYSENE	MG/L	0.000002	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
DECANE	MG/L						
DI-N-BUTYL PHTHALATE	MG/L	0.05	0.01 U	0.011 U	0.0005 J	0.01 U	0.01 U
DI-N-OCTYL PHTHALATE	MG/L	0.05	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
DIBENZO(A,H)ANTHRACENE	MG/L		0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
DIBENZOFURAN	MG/L		0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
DIETHYL PHTHALATE	MG/L	0.05	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
DIMETHYL PHTHALATE	MG/L	0.05	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
FLUORANTHENE	MG/L	0.05	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
FLUORENE	MG/L	0.05	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
HEXACHLOROBENZENE	MG/L	0.00004	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
INDENO(1,2,3-CD)PYRENE	MG/L	0.000002	0.01 U	0.011 U	0.01 U	0.01 UJ	0.01 U
N-NITROSODIPHENYLAMINE	MG/L	0.05	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
NAPHTHALENE	MG/L	0.01	0.01 U	0.011 U	0.01 U	0.0006 J	0.01 U
NITROBENZENE	MG/L	0.0004	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
O-NITROANANILINE	MG/L	0.005	0.048 U	0.056 U	0.048 U	0.05 U	0.049 U
OCTADECANE	MG/L						
PHENANTHRENE	MG/L	0.05	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
PHENOL	MG/L	0.001	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
PYRENE	MG/L	0.05	0.01 U	0.011 U	0.01 U	0.01 U	0.01 U
VOCs							
1,1,1-TRICHLOROETHANE	MG/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-TRICHLOROBENZENE	MG/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-DICHLOROBENZENE	MG/L	0.003	0.001 U	0.001 U	0.00057 J	0.001 U	0.001 U
1,2-DICHLOROETHANE	MG/L	0.0006	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-DICHLOROBENZENE	MG/L	0.003	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-DICHLOROBENZENE	MG/L	0.003	0.001 U	0.001 U	0.00078 J	0.001 U	0.001 U
2-BUTANONE	MG/L	0.05	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
ACETONE	MG/L	0.05	0.005 U	0.005 U	0.005 U	0.0046 J	0.005 U
BENZENE	MG/L	0.001	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
CARBON DISULFIDE	MG/L	0.06	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
CARBON TETRACHLORIDE	MG/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
CHLOROBENZENE	MG/L	0.005	0.001 U	0.001 U	0.001	0.001 U	0.001 U
CHLOROFORM	MG/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
CHLOROMETHANE	MG/L	0.005	0.001 U	0.00063 J	0.001 U	0.001 UJ	0.00058 J
CIS-1,2-DICHLOROETHENE	MG/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
CYCLOHEXANE	MG/L		0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
ETHYLBENZENE	MG/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
ISOPROPYLBENZENE	MG/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
METHYL ACETATE	MG/L		0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
METHYLCYCLOHEXANE	MG/L		0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
METHYLENE CHLORIDE	MG/L	0.005	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ
STYRENE	MG/L	0.005	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U
TETRACHLOROETHENE	MG/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
TOLUENE	MG/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
TRICHLOROETHENE	MG/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
VINYL CHLORIDE	MG/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
XYLENES, TOTAL	MG/L	0.005	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U

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Table 8
Summary of Analytical Results - Subslab Soil Vapor Samples
100 Lee Street Office Building
Buffalo Color Facility - RI/FS

Field Sample ID	SV-B01-0707	SV-B02-0707
Location	SV-B01	SV-B02
Sample Date	7/1/2007	7/1/2007
Parameter	PPBV	PPBV
1,1,1-Trichloroethane	0.6 U	0.4 U
1,1,2,2-Tetrachloroethane	0.6 U	0.4 U
1,1,2-Trichloroethane	0.6 U	0.4 U
1,1-Dichloroethane	0.6 U	0.4 U
1,1-Dichloroethene	0.6 U	0.4 U
1,2,4-Trichlorobenzene	1.5 UJ	1 UJ
1,2,4-Trimethylbenzene	9.2	1.3
1,2-Dibromoethane	0.6 U	0.4 U
1,2-Dichlorobenzene	0.6 U	0.4 U
1,2-Dichloroethane	0.6 U	0.4 U
1,2-Dichloroethene (total)	0.6 U	0.4 U
1,2-Dichloropropane	0.6 U	0.4 U
1,2-Dichlorotetrafluoroethane	0.6 U	0.4 U
1,3,5-Trimethylbenzene	4.4	0.45
1,3-Butadiene	1.5 U	1 U
1,3-Dichlorobenzene	0.6 U	0.4 U
1,4-Dichlorobenzene	0.6 U	0.4 U
1,4-Dioxane	15 U	10 U
2,2,4-Trimethylpentane	0.6 U	0.4 U
2-Chlorotoluene	0.6 U	0.4 U
3-Chloropropene	1.5 U	1 U
4-Ethyltoluene	6.1	0.71
Acetone	89	58
Benzene	4.9	0.55
Bromodichloromethane	0.6 U	0.4 U
Bromoethene	0.6 U	0.4 U
Bromoform	0.6 U	0.4 U
Bromomethane	0.6 U	0.4 U
Carbon Disulfide	3.6	1.1
Carbon Tetrachloride	0.6 U	0.4 U
Chlorobenzene	0.6 U	0.4 U
Chloroethane	1.5 U	1 U
Chloroform	0.6 U	0.4 U
Chloromethane	1.5 U	1 U
cis-1,2-Dichloroethene	0.6 U	0.4 U
cis-1,3-Dichloropropene	0.6 U	0.4 U
Cyclohexane	58	4.8
Dibromochloromethane	0.6 U	0.4 U
Dichlorodifluoromethane	1.5 UJ	2 J
Ethylbenzene	2.8	0.4 U
Freon TF	0.6 U	0.4 U
Hexachlorobutadiene	0.6 UJ	0.4 UJ
Isopropyl Alcohol	15 U	10 U
Methyl Butyl Ketone	1.5	1 U
Methyl Ethyl Ketone	12	6.4
Methyl Isobutyl Ketone	1.5 U	1 U
Methyl tert-Butyl Ether	1.5 U	1 U
Methylene Chloride	1.5 U	1 U

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Table 8
Summary of Analytical Results - Subslab Soil Vapor Samples
100 Lee Street Office Building
Buffalo Color Facility - RI/FS

Field Sample ID	SV-B01-0707	SV-B02-0707
Location	SV-B01	SV-B02
Sample Date	7/1/2007	7/1/2007
Parameter	PPBV	PPBV
n-Heptane	34	3.8
n-Hexane	50	5.4
Styrene	6.6	0.4 U
tert-Butyl Alcohol	15 U	10 U
Tetrachloroethene	0.6 U	0.4 U
Tetrahydrofuran	15 U	10 U
Toluene	13	1.5
trans-1,2-Dichloroethene	0.6 U	0.4 U
trans-1,3-Dichloropropene	0.6 U	0.4 U
Trichloroethene	0.6 U	0.4 U
Trichlorofluoromethane	2.1	3.9
Vinyl Chloride	0.6 U	0.4 U
Xylene (m,p)	15	1.6
Xylene (o)	4.8	0.62
Xylene (total)	20	2.3
1,1,1-Trichloroethane	3.3 U	2.2 U
1,1,2,2-Tetrachloroethane	4.1 U	2.7 U
1,1,2-Trichloroethane	3.3 U	2.2 U
1,1-Dichloroethane	2.4 U	1.6 U
1,1-Dichloroethene	2.4 U	1.6 U
1,2,4-Trichlorobenzene	11 UJ	7.4 UJ
1,2,4-Trimethylbenzene	45	6.4
1,2-Dibromoethane	4.6 U	3.1 U
1,2-Dichlorobenzene	3.6 U	2.4 U
1,2-Dichloroethane	2.4 U	1.6 U
1,2-Dichloroethene (total)	2.4 U	1.6 U
1,2-Dichloropropane	2.8 U	1.8 U
1,2-Dichlorotetrafluoroethane	4.2 U	2.8 U
1,3,5-Trimethylbenzene	22	2.2
1,3-Butadiene	3.3 U	2.2 U
1,3-Dichlorobenzene	3.6 U	2.4 U
1,4-Dichlorobenzene	3.6 U	2.4 U
1,4-Dioxane	54 U	36 U
2,2,4-Trimethylpentane	2.8 U	1.9 U
2-Chlorotoluene	3.1 U	2.1 U
3-Chloropropene	4.7 U	3.1 U
4-Ethyltoluene	30	3.5
Acetone	210	140
Benzene	16	1.8
Bromodichloromethane	4 U	2.7 U
Bromoethene	2.6 U	1.7 U
Bromoform	6.2 U	4.1 U
Bromomethane	2.3 U	1.6 U
Carbon Disulfide	11	3.4
Carbon Tetrachloride	3.8 U	2.5 U
Chlorobenzene	2.8 U	1.8 U
Chloroethane	4 U	2.6 U
Chloroform	2.9 U	2 U

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Table 8
Summary of Analytical Results - Subslab Soil Vapor Samples
100 Lee Street Office Building
Buffalo Color Facility - RI/FS

Field Sample ID	SV-B01-0707	SV-B02-0707
Location	SV-B01	SV-B02
Sample Date	7/1/2007	7/1/2007
Parameter	PPBV	PPBV
Chloromethane	3.1 U	2.1 U
cis-1,2-Dichloroethene	2.4 U	1.6 U

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Table 9
Summary of Analytical Results - Sewer Solids Samples
Buffalo Color Facility - RI/FS

Area	Area A	Area A	Area B	Area C	Area C	Area E	Area E
Location	SED-A01	SED-A02	SED-B01	SED-C01	SED-C03	SED-E01	SED-E02
Sample Date	01/24/07	01/24/07	01/24/07	01/24/07	01/24/07	01/25/07	01/25/07
Sample ID	SED-A01-0107	SED-A02-0107	SED-B01-0107	SED-C01-0107	SED-C03-0107	SED-E01-0107	SED-E02-0107
Parameter	**Units**						
METALS							
CYANIDE	MG/KG	0.99 UJ	1.6 J	4.6 J	14.2 J	1.9 UJ	1.4 UJ	2 UJ
ALUMINUM	MG/KG	3670	1470	4830	5240	8360	1630	1920
ANTIMONY	MG/KG	24.8	23.2 U	28 U	21.9 U	40.4 U	25.8 U	33.1 U
ARSENIC	MG/KG	10.3	10	20.9	10.7	323	22.1	36.5
BARIUM	MG/KG	36.2	65.8	122	118	576	165	98.3
BERYLLIUM	MG/KG	0.34	0.54	0.46	0.36	0.6	0.34 U	0.44 U
CADMIUM	MG/KG	0.63	0.31 U	1.1	0.29 U	4.3	0.34 U	1.1
CALCIUM	MG/KG	111000	74900	208000	170000	68200	238000	33700
CHROMIUM (HEXAVALENT)	MG/KG	59.4	1600	131	63.1	300	297	125
COBALT	MG/KG	2.2	30.1	3.8	5.6	13.8	12.6	5.2
COPPER	MG/KG	104	249	116	39.2	383	253	412
IRON	MG/KG	10700 J	367000 J	55400 J	58100 J	118000 J	88800	33400
LEAD	MG/KG	146	119	146	50.8	675	293	141
MAGNESIUM	MG/KG	30400	7510	9120	9490	10600	6330	2590
MANGANESE	MG/KG	317	1100	649	585	711	481	206
MERCURY	MG/KG	1.6	0.79	4.1	0.93	0.04 U	1.1	0.14
NICKEL	MG/KG	9.1	5480	24.2	305	465	2060	1390
POTASSIUM	MG/KG	651	1820	927	863	1280	740	440
SELENIUM	MG/KG	4.7 U	6.2 U	7.5 U	5.8 U	10.8 U	6.9 U	8.8 U
SILVER	MG/KG	0.59 U	0.77 U	0.93 U	0.73 U	1.5	0.86 U	19
SODIUM	MG/KG	311	1440	2860	2000	1090	2490	1030
THALLIUM	MG/KG	7.1 U	20.5	11.2 U	8.8 U	16.2 U	10.3 U	13.3 U
VANADIUM	MG/KG	7.5	5.4	30.2	8	2860	102	194
ZINC	MG/KG	201	529	413	210	1790	318	487
SVOCS								
1-METHYL-2,4-DINITROBENZENE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
2,4-DICHLOROPHENOL	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
2,4-DIMETHYLPHENOL	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
2,4-DINITROPHENOL	MG/KG	18 U	25 U	31 U	22 U	820 U	26 R	35 U
2,6-DINITROTOLUENE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
2-CHLOROPHENOL	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
2-METHYLNAPHTHALENE	MG/KG	3.8 U	1 J	6.4 U	4.5 U	170 U	5.4 U	0.73 J
2-METHYLPHENOL	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
3,3'-DICHLOROBENZIDINE	MG/KG	18 U	25 U	31 U	22 U	820 U	26 U	35 U
3-NITROANILINE	MG/KG	18 U	25 U	31 U	22 U	820 U	26 U	35 U
4-CHLORO-3-METHYLPHENOL	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
4-CHLOROANILINE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
4-METHYLPHENOL	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
ACENAPHTHENE	MG/KG	3.8 U	1.1 J	0.66 J	4.5 U	170 U	5.4 U	1.4 J
ACENAPHTHYLENE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	0.65 J
ACETOPHENONE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
ANILINE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	17 J	150
ANTHRACENE	MG/KG	0.41 J	2.8 J	1.7 J	0.94 J	170 U	0.54 J	3.8 J
BENZO(A)ANTHRACENE	MG/KG	2.2 J	9.1	12	3.9 J	15 J	3.9 J	12
BENZO(A)PYRENE	MG/KG	2.2 J	7.6	14	3.6 J	18 J	4.5 J	11
BENZO(B)FLUORANTHENE	MG/KG	2.8 J	11	23	5.3	27 J	8.8 J	16
BENZO(G,H,I)PERYLENE	MG/KG	1.4 J	5.6	11	2.5 J	14 J	2.8 J	5.8 J
BENZO(K)FLUORANTHENE	MG/KG	1 J	4 J	8.4	1.8 J	9 J	5.4 UJ	5.5 J
BIPHENYL	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	0.54 J
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG	3.8 U	0.99 J	2 J	1.2 J	170 U	2.6 J	2.9 J
BUTYLBENZYL PHTHALATE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
CAPROLACTAM	MG/KG	3.8 UJ	5.2 UJ	6.4 UJ	4.5 UJ	170 UJ	5.4 UJ	7.2 UJ
CARBAZOLE	MG/KG	0.26 J	2 J	2 J	1.1 J	170 U	3.1 J	5.4 J
CHRYSENE	MG/KG	2.2 J	9.9	19	4.4 J	18 J	4.4 J	13
DI-N-BUTYL PHTHALATE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
DI-N-OCTYL PHTHALATE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
DIBENZO(A,H)ANTHRACENE	MG/KG	0.42 J	1.6 J	2.9 J	0.72 J	170 U	0.67 J	1.4 J
DIBENZOFURAN	MG/KG	3.8 U	0.52 J	0.34 J	0.28 J	170 U	5.4 U	1.3 J
DIETHYL PHTHALATE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
DIMETHYL PHTHALATE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
FLUORANTHENE	MG/KG	5	24	43	10	35 J	6.6 J	29

J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 9
Summary of Analytical Results - Sewer Solids Samples
Buffalo Color Facility - RI/FS

Area	Area A	Area A	Area B	Area C	Area C	Area E	Area E
Location	SED-A01	SED-A02	SED-B01	SED-C01	SED-C03	SED-E01	SED-E02
Sample Date	01/24/07	01/24/07	01/24/07	01/24/07	01/24/07	01/25/07	01/25/07
Sample ID	SED-A01-0107	SED-A02-0107	SED-B01-0107	SED-C01-0107	SED-C03-0107	SED-E01-0107	SED-E02-0107
Parameter	**Units**						
FLUORENE	MG/KG	3.8 U	1.2 J	0.41 J	4.5 U	170 U	5.4 U	1.8 J
HEXACHLOROBENZENE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
INDENO(1,2,3-CD)PYRENE	MG/KG	1.3 J	4.8 J	10	2.2 J	13 J	2.4 J	5.2 J
N-NITROSODIPHENYLAMINE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.2 J	1.8 J
NAPHTHALENE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
NITROBENZENE	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
O-NITROANANILINE	MG/KG	18 U	25 U	31 U	22 U	820 U	26 U	35 U
PHENANTHRENE	MG/KG	2.2 J	15	9.1	5.2	11 J	2 J	18
PHENOL	MG/KG	3.8 U	5.2 U	6.4 U	4.5 U	170 U	5.4 U	7.2 U
VOCS								
PYRENE	MG/KG	3.6 J	16	28	6.8	25 J	4.2 J	17
ETHANOL	MG/KG	2.2 U	3 U	2.1 U	2.5 U	2.2 U	3.3 U	4.3 U
1,2,4-TRIMETHYLBENZENE	MG/KG	0.0025 U	0.16	1.6 J	0.044	0.0061 U	0.32 U	
1,3,5-TRIMETHYLBENZENE	MG/KG	0.0025 U	0.082	0.25	0.023	0.0061 U	0.32 U	
BENZENE	MG/KG	0.0012 U	0.03	0.043	0.0059 U	0.0031 U	0.16 U	
BUTYLBENZENE	MG/KG	0.0025 U	0.065	0.042 U	0.018	0.0061 U	0.32 U	
ETHYLBENZENE	MG/KG	0.0025 U	0.013 U	0.042 U	0.012 U	0.0061 U	45	
ISOPROPYLBENZENE	MG/KG	0.0025 U	0.29	0.042 U	0.012 U	0.0061 U	0.32 U	
M-XYLENE	MG/KG	0.00035 J	0.28	0.042 U	0.03	0.0061 U	0.6	
NAPHTHALENE	MG/KG	0.0018 J	0.94	0.47	0.62	0.0032 J	1.3	
O-XYLENE	MG/KG	0.0025 U	0.61	0.042 U	0.012 U	0.0061 U	0.32 U	
TOLUENE	MG/KG	0.0025 U	0.017	0.042 U	0.012 U	0.0061 U	0.32 U	
XYLENES, TOTAL	MG/KG	0.0025 U	0.89	0.042 U	0.03	0.0061 U	0.6	
AROCLOR-1242	MG/KG	0.078 U	0.12 J	0.032 UJ	0.023 U	0.17 UJ	0.27 U	0.73 U
AROCLOR-1248	MG/KG	0.4 J	0.027 UJ	0.045 J	0.023 U	0.17 UJ	4.2	6.9
AROCLOR-1254	MG/KG	0.13 J	0.027 UJ	0.043 J	0.11	0.17 UJ	0.27 U	0.73 U
AROCLOR-1260	MG/KG	0.078 U	0.027 UJ	0.04 J	0.023 U	0.17 UJ	0.27 U	0.73 U
1,1,1-TRICHLOROETHANE	MG/KG	0.006 U	0.007 U	0.01 UJ	0.006 U	0.015 U	0.008 UJ	5.5 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG	0.006 U	0.007 U	0.01 UJ	0.006 U	0.015 U	0.008 UJ	5.5 UJ
1,2,4-TRICHLOROBENZENE	MG/KG	0.006 U	0.007 U	3.7	0.002 J	0.007 J	12	2.5 J
1,2-DICHLOROBENZENE	MG/KG	0.006 U	0.002 J	9.8	0.05	0.015 U	110	3.3 J
1,2-DICHLOROETHANE	MG/KG	0.006 U	0.007 U	0.01 UJ	0.006 U	0.015 U	0.008 UJ	5.5 U
1,3-DICHLOROBENZENE	MG/KG	0.006 U	0.007 U	48	0.017	0.015 U	20	2.4 J
1,4-DICHLOROBENZENE	MG/KG	0.006 U	0.015	17	0.038	0.015 U	40	6.1
2-BUTANONE	MG/KG	0.3	0.036 U	0.053 UJ	0.03 U	0.031 J	0.31 J	28 UJ
ACETONE	MG/KG	0.03 U	0.052 U	0.053 U	0.03 U	0.073 U	0.042 U	28 UJ
BENZENE	MG/KG	0.006 U	0.004 J	0.037 J	0.006 U	0.015 U	0.016 J	5.5 U
CARBON DISULFIDE	MG/KG	0.006 U	0.007 U	0.01 UJ	0.006 U	0.015 U	0.008 UJ	5.5 UJ
CARBON TETRACHLORIDE	MG/KG	0.006 U	0.007 U	0.01 UJ	0.006 U	0.015 U	0.008 UJ	5.5 U
CHLOROBENZENE	MG/KG	0.006 U	0.042	5.2	0.13	0.015 U	44	43
CHLOROFORM	MG/KG	0.006 U	0.007 U	0.01 UJ	0.006 U	0.015 U	0.008 UJ	5.5 U
CHLOROMETHANE	MG/KG	0.012 U	0.014 U	0.021 UJ	0.012 U	0.029 U	0.017 UJ	11 U
CIS-1,2-DICHLOROETHENE	MG/KG	0.006 U	0.007 U	0.01 UJ	0.006	0.015 U	0.008 UJ	5.5 U

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J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 10
Summary of Analytical Results -Storm Sewer Outfall Effluent Samples
Buffalo Color Facility - RI/FS

				SW SW-06 03/01/07 SW006-0307		SW SW-11 03/01/07 SW011-0307	
				Report Result	Validation Qualifier	Report Result	Validation Qualifier
TRG	E150.1	S.U.	PH	7.86		7.92	
TRG	E160.2	MG/L	TSS	7		4	U
TRG	E350.1	MG/L	AMMONIA	9		0.26	
TRG	E415.1	MG/L	TOTAL ORGANIC CARBON	14.1		3.2	
TRG	E420.2	MG/L	TOTAL RECOVERABLE PHENOLICS	0.05		0.04	
TRG	METALS	MG/L	ALUMINUM	0.2	U	0.2	U
TRG	METALS	MG/L	ANTIMONY	0.02	U	0.0634	
TRG	METALS	MG/L	ARSENIC	0.201		0.01	U
TRG	METALS	MG/L	BARIUM	0.0549		0.0941	
TRG	METALS	MG/L	BERYLLIUM	0.002	U	0.002	U
TRG	METALS	MG/L	CADMIUM	0.001	U	0.001	U
TRG	METALS	MG/L	CALCIUM	127		146	
TRG	METALS	MG/L	CHROMIUM	0.004	U	0.004	U
TRG	METALS	MG/L	COBALT	0.004	U	0.004	U
TRG	METALS	MG/L	COPPER	0.01	U	0.01	U
TRG	METALS	MG/L	IRON	2.01		0.632	
TRG	METALS	MG/L	LEAD	0.005	U	0.005	U
TRG	METALS	MG/L	MAGNESIUM	13.4		24	
TRG	METALS	MG/L	MANGANESE	0.39		0.317	
TRG	METALS	MG/L	MERCURY	0.0002	UJ	0.0002	UJ
TRG	METALS	MG/L	NICKEL	0.01	U	0.0243	
TRG	METALS	MG/L	POTASSIUM	31.6		3.66	
TRG	METALS	MG/L	SELENIUM	0.015	U	0.015	U
TRG	METALS	MG/L	SILVER	0.003	U	0.003	U
TRG	METALS	MG/L	SODIUM	184		402	
TRG	METALS	MG/L	THALLIUM	0.02	U	0.02	U
TRG	METALS	MG/L	VANADIUM	0.005	U	0.005	U
TRG	METALS	MG/L	ZINC	0.113		0.103	
TRG	SVOCs	MG/L	1-METHYL-2,4-DINITROBENZENE	0.29		0.006	J
TRG	SVOCs	MG/L	2,4,5-TRICHLOROPHENOL	0.01	U	0.009	U
TRG	SVOCs	MG/L	2,4-DICHLOROPHENOL	0.01	U	0.009	U
TRG	SVOCs	MG/L	2,4-DIMETHYLPHENOL	0.01	U	0.009	U
TRG	SVOCs	MG/L	2,4-DINITROPHENOL	0.023	J	0.047	U
TRG	SVOCs	MG/L	2,6-DINITROTOLUENE	0.15		0.01	
TRG	SVOCs	MG/L	2-CHLOROPHENOL	0.006	J	0.009	U
TRG	SVOCs	MG/L	2-METHYLNAPHTHALENE	0.01	U	0.009	U
TRG	SVOCs	MG/L	2-METHYLPHENOL	0.01	U	0.009	U
TRG	SVOCs	MG/L	3,3'-DICHLOROBENZIDINE	0.0005	J	0.0008	J
TRG	SVOCs	MG/L	3-NITROANILINE	0.097		0.047	U

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J=Estimated
U=Undetected at listed detection limit

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Table 10
Summary of Analytical Results -Storm Sewer Outfall Effluent Samples
Buffalo Color Facility - RI/FS

				SW SW-06 03/01/07 SW006-0307		SW SW-11 03/01/07 SW011-0307	
				Report Result	Validation Qualifier	Report Result	Validation Qualifier
TRG	SVOCs	MG/L	4-CHLORO-3-METHYLPHENOL	0.01 U		0.009 U	
TRG	SVOCs	MG/L	4-CHLOROANILINE	0.013 J		0.012 J	
TRG	SVOCs	MG/L	4-METHYLPHENOL	0.11		0.009 U	
TRG	SVOCs	MG/L	ACENAPHTHENE	0.002 J		0.009 U	
TRG	SVOCs	MG/L	ACENAPHTHYLENE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	ACETOPHENONE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	ANILINE	1.3 J		0.084 J	
TRG	SVOCs	MG/L	ANTHRACENE	0.0002 J		0.009 U	
TRG	SVOCs	MG/L	BENZO(A)ANTHRACENE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	BENZO(A)PYRENE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	BENZO(B)FLUORANTHENE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	BENZO(G,H,I)PERYLENE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	BENZO(K)FLUORANTHENE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	BIPHENYL	0.01 U		0.009 U	
TRG	SVOCs	MG/L	BIS(2-ETHYLHEXYL)PHTHALATE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	BUTYLBENZYL PHTHALATE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	CAPROLACTAM	0.01 UJ		0.009 UJ	
TRG	SVOCs	MG/L	CARBAZOLE	0.0004 J		0.009 U	
TRG	SVOCs	MG/L	CHRYSENE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	DI-N-BUTYL PHTHALATE	0.0005 J		0.0004 J	
TRG	SVOCs	MG/L	DI-N-OCTYL PHTHALATE	0.0004 U		0.0002 U	
TRG	SVOCs	MG/L	DIBENZO(A,H)ANTHRACENE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	DIBENZOFURAN	0.002 J		0.009 U	
TRG	SVOCs	MG/L	DIETHYL PHTHALATE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	DIMETHYL PHTHALATE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	FLUORANTHENE	0.0002 J		0.009 U	
TRG	SVOCs	MG/L	FLUORENE	0.001 J		0.009 U	
TRG	SVOCs	MG/L	HEXACHLOROBENZENE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	HEXACHLOROBUTADIENE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	INDENO(1,2,3-CD)PYRENE	0.01 U		0.009 U	
TRG	SVOCs	MG/L	N-NITROSODIPHENYLAMINE	0.004 J		0.009 U	
TRG	SVOCs	MG/L	NAPHTHALENE	0.004 J		0.0004 J	
TRG	SVOCs	MG/L	NITROBENZENE	0.44		0.014	
TRG	SVOCs	MG/L	O-NITROANANILINE	0.004 J		0.047 U	
TRG	SVOCs	MG/L	PHENANTHRENE	0.0008 J		0.009 U	
TRG	SVOCs	MG/L	PHENOL	0.01 U		0.009 U	
TRG	SVOCs	MG/L	PYRENE	0.01 U		0.009 U	
TRG	VOCs	MG/L	1,1,1-TRICHLOROETHANE	0.001 U		0.001 U	
TRG	VOCs	MG/L	1,1,2-TRICHLOROTRIFLUOROETHANE	0.001 U		0.001 U	

DRAFT

J=Estimated
U=Undetected at listed detection limit

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Table 10
Summary of Analytical Results -Storm Sewer Outfall Effluent Samples
Buffalo Color Facility - RI/FS

				SW SW-06 03/01/07 SW006-0307		SW SW-11 03/01/07 SW011-0307	
				Report Result	Validation Qualifier	Report Result	Validation Qualifier
TRG	VOCs	MG/L	1,2,4-TRICHLOROBENZENE	0.0017		0.015	
TRG	VOCs	MG/L	1,2-DICHLOROBENZENE	0.05		0.029	
TRG	VOCs	MG/L	1,2-DICHLOROETHANE	0.001 U		0.001 U	
TRG	VOCs	MG/L	1,3-DICHLOROBENZENE	0.0058		0.01	
TRG	VOCs	MG/L	1,4-DICHLOROBENZENE	0.02		0.012	
TRG	VOCs	MG/L	2-BUTANONE	0.005 U		0.005 U	
TRG	VOCs	MG/L	ACETONE	0.0065		0.005 U	
TRG	VOCs	MG/L	BENZENE	0.012		0.0016	
TRG	VOCs	MG/L	CARBON DISULFIDE	0.001 U		0.001 U	
TRG	VOCs	MG/L	CARBON TETRACHLORIDE	0.001 U		0.001 U	
TRG	VOCs	MG/L	CHLOROBENZENE	0.34		0.16	
TRG	VOCs	MG/L	CHLOROFORM	0.001 U		0.001 U	
TRG	VOCs	MG/L	CHLOROMETHANE	0.001 U		0.001 U	
TRG	VOCs	MG/L	CIS-1,2-DICHLOROETHENE	0.0073		0.001 U	
TRG	VOCs	MG/L	CYCLOHEXANE	0.001 U		0.001 U	
TRG	VOCs	MG/L	ETHYLBENZENE	0.0017		0.001 U	
TRG	VOCs	MG/L	ISOPROPYLBENZENE	0.001 U		0.001 U	
TRG	VOCs	MG/L	METHYL ACETATE	0.001 U		0.001 U	
TRG	VOCs	MG/L	METHYLCYCLOHEXANE	0.001 U		0.001 U	
TRG	VOCs	MG/L	METHYLENE CHLORIDE	0.001 U		0.001 U	
TRG	VOCs	MG/L	STYRENE	0.001 U		0.001 U	
TRG	VOCs	MG/L	TETRACHLOROETHENE	0.001 U		0.001 U	
TRG	VOCs	MG/L	TOLUENE	0.014		0.001 U	
TRG	VOCs	MG/L	TRICHLOROETHENE	0.001 U		0.001 U	
TRG	VOCs	MG/L	VINYL CHLORIDE	0.001		0.001 U	
TRG	VOCs	MG/L	XYLENES, TOTAL	0.019		0.003 U	
TIC	SVOCs	MG/L	2-CHLORO-5-NITROBENZENEDIAMI	0.029 JN			
TIC	SVOCs	MG/L	2-NITROTOLUENE	0.3 JN			
TIC	SVOCs	MG/L	3-METHYLBENZENAMINE	0.093 JN			
TIC	SVOCs	MG/L	4-METHYL-1,3-BENZENEDIAMINE	0.043 JN			
TIC	SVOCs	MG/L	INDOLE	0.05 JN			
TIC	SVOCs	MG/L	O-CHLOROANILINE			0.12 JN	
TIC	SVOCs	MG/L	UNKNOWN	0.093 JN		0.05 JN	

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J=Estimated
U=Undetected at listed detection limit

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Table 11
Summary of Analytical Results - Hexavalent Chromium Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES					Area	Area A	Area A	Area C
							Location	TB-A16A	TB-A31A	TB-C11A
							Sample Date	07/05/07	07/05/07	07/05/07
							Sample ID	TB-A16A-SURFACE	TB-A31A-0405	TB-C11A-0204
Parameter	**Units**	**Eco**	**Industrial**	**Residential**	**Restricted Res**	**Impact GW**	**Unrestricted**			
METALS										
HEXAVALENT CHROMIUM	MG/KG	1	800	22	110	19	1	3.6 J	2.4 J	4.3 J

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Table 14
Summary of Background Soil Sample Results
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area	Background	Background	Background	Background	Background
									Location	BS-11	BS-12	BS-13	BS-14	BS-15
									Sample Date	08/17/07	08/17/07	08/17/07	08/17/07	08/17/07
Parameter	Units	Eco	BTV	Industrial	Residential	Restricted Res	Commercial	Impact GW	Sample ID	BS11-SURFACE	BS12-SURFACE	BS13-SURFACE	BS14-SURFACE	BS15-SURFACE
									Unrestricted					
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	3.9	9.1	8.7	10.8	6.8
2-METHYLNAPHTHALENE	MG/KG		0.24							0.089 U	0.086 U	0.096	0.14	0.024 J
ACENAPHTHENE	MG/KG	20	0.13	1000	100	100	500	98	20	0.089 U	0.086 U	0.11	0.086 J	0.039 J
ACENAPHTHYLENE	MG/KG		0.93	1000	100	100	500	107	100	0.089 U	0.029 J	0.98	0.95	0.031 J
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1000	100	0.031 J	0.042 J	0.83	0.75	0.1
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	0.15	0.28	4.7	2.6	0.47
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	0.17	0.4	5.2	3.8	0.5
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	0.24	0.82	9.4	7.9	0.91
BENZO(G,H,I)PERYLENE	MG/KG		3	1000	100	100	500	1000	100	0.13	0.33	3	2.5	0.33
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	0.093	0.086 U	0.086 U	0.087 U	0.09 U
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	0.15	0.31	4.4	2.5	0.46
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1000	0.33	0.033 J	0.082 J	0.86	0.74	0.093
DIBENZOFURAN	MG/KG		0.11	1000	14	59	350	210	7	0.089 U	0.086 U	0.095	0.1	0.024 J
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1000	100	0.3	0.43	9.1	2.9	0.98
FLUORENE	MG/KG	30	0.17	1000	100	100	500	386	30	0.089 U	0.086 U	0.21	0.13	0.03 J
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	0.098	0.27	2.7	2.2	0.29
NAPHTHALENE	MG/KG		0.26	1000	100	100	500	12	12	0.089 U	0.018 J	0.1	0.15	0.09 U
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1000	100	0.14	0.16	2.2	1.1	0.48
PYRENE	MG/KG		7	1000	100	100	500	1000	100	0.19	0.32	7	2.2	0.63

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*BTV=Background Threshold Value as calculated from background sample data
J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Checked by: ESW

Table 14
Summary of Background Soil Sample Results
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES							Area	Background	Background	Background	Background	Background
									Location	BS-06	BS-07	BS-08	BS-09	BS-10
									Sample Date	08/17/07	08/17/07	08/17/07	08/17/07	08/17/07
Parameter	Units	Eco	BTV	Industrial	Residential	Restricted Res	Commercial	Impact GW	Sample ID	BS06-SURFACE	BS07-SURFACE	BS08-SURFACE	BS09-SURFACE	BS10-SURFACE
									Unrestricted					
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	13.9	15.1	4.4	6	35.3
2-METHYLNAPHTHALENE	MG/KG		0.24							0.16	0.09 U	0.088 U	0.026 J	1.7 U
ACENAPHTHENE	MG/KG	20	0.13	1000	100	100	500	98	20	0.068 J	0.026 J	0.018 J	0.11	1.7 U
ACENAPHTHYLENE	MG/KG		0.93	1000	100	100	500	107	100	0.3	0.039 J	0.018 J	0.036 J	1 J
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1000	100	0.37	0.065 J	0.1	0.28	1.3 J
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	1.6	0.29	0.48	1.1	3.5
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	1.7	0.32	0.43	1.1	2.6
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	3.3	0.62	0.81	2.1	5.2
BENZO(G,H,I)PERYLENE	MG/KG		3	1000	100	100	500	1000	100	1.3	0.22	0.27	0.68	2.8
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	0.088 U	0.09 U	0.088 U	0.086 U	2.1
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	1.6	0.29	0.45	1.1	3.6
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1000	0.33	0.36	0.065 J	0.096	0.19	0.77 J
DIBENZOFURAN	MG/KG		0.11	1000	14	59	350	210	7	0.073 J	0.09 U	0.088 U	0.06 J	1.7 U
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1000	100	2.8	0.53	0.86	2.6	6.2
FLUORENE	MG/KG	30	0.17	1000	100	100	500	386	30	0.069 J	0.024 J	0.026 J	0.13	1.7 U
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	1.2	0.19	0.23	0.61	2.4
NAPHTHALENE	MG/KG		0.26	1000	100	100	500	12	12	0.11	0.09 U	0.088 U	0.027 J	0.37 J
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1000	100	1.1	0.25	0.35	1.4	2
PYRENE	MG/KG		7	1000	100	100	500	1000	100	2.1	0.37	0.59	1.7	4.7

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J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 14
Summary of Background Soil Sample Results
Buffalo Color Facility - RI/FS

			NY SOIL CLEANUP OBJECTIVES											
Area										Background	Background	Background	Background	Background
Location										BS-01	BS-02	BS-03	BS-04	BS-05
Sample Date										08/17/07	08/17/07	08/17/07	08/17/07	08/17/07
Sample ID										BS01-SURFACE	BS02-SURFACE	BS03-SURFACE	BS04-SURFACE	BS05-SURFACE
Parameter	**Units**	**Eco**	**BTV**	**Industrial**	**Residential**	**Restricted Res**	**Commercial**	**Impact GW**	**Unrestricted**					
ARSENIC	MG/KG	13	35.3	16	16	16	16	16	13	4.3	8.4	8.7	25	6.7
2-METHYLNAPHTHALENE	MG/KG		0.24							0.037 J	0.037 J	0.028 J	0.15 J	0.33
ACENAPHTHENE	MG/KG	20	0.13	1000	100	100	500	98	20	0.076 J	0.053 J	0.089 U	0.14 J	0.051 J
ACENAPHTHYLENE	MG/KG		0.93	1000	100	100	500	107	100	0.088 U	0.036 J	0.058 J	0.13 J	0.31
ANTHRACENE	MG/KG		1.3	1,000	100	100	500	1000	100	0.16 J	0.13	0.1	0.37	0.24
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	5.6	1	1	0.6 J	0.55	0.66	1.7	0.98
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	1	22	1	0.61 J	0.54	0.67	1.6	1.2
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	5.6	1.7	1	0.88 J	0.96	1.2	2.9	2.8
BENZO(G,H,I)PERYLENE	MG/KG		3	1000	100	100	500	1000	100	0.69 J	0.57	0.63	1.3	1.1
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	56	1.7	0.8	0.34	0.087 U	0.089 U	0.18 U	0.086 U
CHRYSENE	MG/KG		4.4	110	1	3.9	56	1	1	0.61 J	0.49	0.63	1.6	1.3
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	0.56	1000	0.33	0.16 J	0.15	0.16	0.39	0.3
DIBENZOFURAN	MG/KG		0.11	1000	14	59	350	210	7	0.037 J	0.027 J	0.031 J	0.094 J	0.11
FLUORANTHENE	MG/KG		9.1	1,000	100	100	500	1000	100	1.5 J	1.1	1.3	3.3	1.8
FLUORENE	MG/KG	30	0.17	1000	100	100	500	386	30	0.066 J	0.042 J	0.058 J	0.13 J	0.042 J
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	5.6	8.2	0.5	0.51 J	0.47	0.51	1.2	0.93
NAPHTHALENE	MG/KG		0.26	1000	100	100	500	12	12	0.034 J	0.026 J	0.037 J	0.12 J	0.21
PHENANTHRENE	MG/KG		2.2	1,000	100	100	500	1000	100	0.83 J	0.62	0.63	1.8	0.77
PYRENE	MG/KG		7	1000	100	100	500	1000	100	1.1 J	0.86	1	2.4	1.4

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J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Table 13
Summary of Analytical Results - TB-A15 Delineation Soil Samples
Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES						Area	Area A	Area A	Area A	Area A	Area A	Area A
								Location	TB-A15A	TB-A15B	TB-A15C	TB-A15D	TB-A15E	TB-A15F
								Sample Date	07/05/07	07/05/07	07/05/07	07/05/07	07/05/07	07/05/07
Parameter	Units	Eco	BTV*	Industrial	Residential	Restricted Res	Impact GW	Sample ID	TB-A15A-0102	TB-A15B-0102	TB-A15C-0103	TB-A15D-0102	TB-A15E-0102	TB-A15F-0608
SVOCS								Unrestricted						
1-METHYL-2,4-DINITROBENZENE	MG/KG								0.3 J	1.9 U	350	4.7	0.19 U	1.8 UJ
2,4,5-TRICHLOROPHENOL	MG/KG								0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 U
2,4-DICHLOROPHENOL	MG/KG								0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 U
2,4-DIMETHYLPHENOL	MG/KG								0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 U
2,4-DINITROPHENOL	MG/KG								0.4 U	3.8 U	3.8 U	3.6 U	0.36 U	3.5 U
2,6-DINITROTOLUENE	MG/KG								0.21	1.9 U	350	2.4	0.19 U	1.8 UJ
2-CHLOROPHENOL	MG/KG								0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 U
2-METHYLNAPHTHALENE	MG/KG		0.24						0.019 J	1.9 U	0.53 J	1.9 U	0.008 J	3 J
2-METHYLPHENOL	MG/KG			1,000	100	100	0.33	0.33	0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 U
3,3'-DICHLOROBENZIDINE	MG/KG								0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 UJ
3-NITROANILINE	MG/KG								0.4 U	3.8 U	1.5 J	1.1 J	0.36 U	3.5 UJ
4-CHLORO-3-METHYLPHENOL	MG/KG								0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 U
4-CHLOROANILINE	MG/KG								0.21 U	1.9 U	7.8	1.9 U	0.19 U	1.8 UJ
4-METHYLPHENOL	MG/KG			1,000	34	100	0.33	0.33	0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 U
ACENAPHTHENE	MG/KG	20	0.13	1,000	100	100	98	20	0.21 U	0.2 J	1.9 U	1.9 U	0.19 U	1.3 J
ACENAPHTHYLENE	MG/KG		0.93	1,000	100	100	107	100	0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 UJ
ACETOPHENONE	MG/KG								0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 UJ
ANILINE	MG/KG			1,000	55	100	0.46	28	0.4 U	3.8 U	1.1 J	3.2 J	0.36 U	1.3 J
ANTHRACENE	MG/KG		1.3	1,000	100	100	1,000	100	0.21 U	0.72 J	0.1 J	0.11 J	0.19 U	0.2 J
BENZO(A)ANTHRACENE	MG/KG		4.7	11	1	1	1	1	0.045 J	2.5	0.98 J	0.6 J	0.008 J	0.24 J
BENZO(A)PYRENE	MG/KG	2.6	5.2	1.1	1	1	22	1	0.054 J	2.2	1.9 U	0.62 J	0.19 U	0.13 J
BENZO(B)FLUORANTHENE	MG/KG		9.4	11	1	1	1.7	1	0.093 J	2.7	2.9	1.2 J	0.008 J	0.13 J
BENZO(G,H,I)PERYLENE	MG/KG		3	1,000	100	100	1,000	100	0.061 J	2.1	1.3 J	0.73 J	0.009 J	0.095 J
BENZO(K)FLUORANTHENE	MG/KG		1.15	110	1	3.9	1.7	0.8	0.21 U	1.3 J	1.9 U	0.35 J	0.19 U	0.097 J
BIPHENYL	MG/KG								0.21 U	1.9 U	0.25 J	1.9 U	0.012 J	1.5 J
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG								0.29 U	1.9 U	1.9 U	1.9 U	0.44 U	1.8 UJ
BUTYLBENZYL PHTHALATE	MG/KG								0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 UJ
CAPROLACTAM	MG/KG								0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 UJ
CARBAZOLE	MG/KG								0.21 U	0.27 J	0.13 J	0.083 J	0.19 U	0.2 J
CHRYSENE	MG/KG		4.4	110	1	3.9	1	1	0.045 J	2.6	3.2	0.68 J	0.19 U	0.16 J
DI-N-BUTYL PHTHALATE	MG/KG								0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 UJ
DI-N-OCTYL PHTHALATE	MG/KG								0.21 U	1.9 U	1.9 U	1.9 U	0.036 J	1.8 UJ
DIBENZO(A,H)ANTHRACENE	MG/KG		0.86	1.1	0.33	0.33	1,000	0.33	0.34 J	3.4 J	3.4 J	3.2 J	0.3 J	2.9 J
DIBENZOFURAN	MG/KG		0.11	1,000	14	59	210	7	0.011 J	0.12 J	0.22 J	1.9 U	0.19 U	2.4 J
DIETHYL PHTHALATE	MG/KG								0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 UJ
DIMETHYL PHTHALATE	MG/KG								0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 UJ
FLUORANTHENE	MG/KG		9.1	1,000	100	100	1,000	100	0.054 J	5	3.6	0.68 J	0.19 U	0.68 J
FLUORENE	MG/KG	30	0.17	1,000	100	100	386	30	0.21 U	0.16 J	1.9 U	1.9 U	0.19 U	1.2 J
HEXACHLOROBENZENE	MG/KG			12	0.33	1.2	3.2	0.33	0.21 U	1.9 U	1.9 U	0.94 J	0.19 U	1.8 UJ
HEXACHLOROBUTADIENE	MG/KG								0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 UJ
INDENO(1,2,3-CD)PYRENE	MG/KG		2.7	11	0.5	0.5	8.2	0.5	0.044 J	1.6 J	0.94 J	0.67 J	0.008 J	0.074 J
N-NITROSODIPHENYLAMINE	MG/KG								0.21 U	1.9 U	0.45 J	1.9 U	0.19 U	1.8 UJ
NAPHTHALENE	MG/KG		0.26	1,000	100	100	12	12	0.21 U	1.9 U	1.5 J	1.9 U	0.19 U	22 J
NITROBENZENE	MG/KG			455	12.1	36.8	0.026	6.6	0.047 J	0.22 J	3.5	1.9 U	0.19 U	1.8 UJ
O-NITROANANILINE	MG/KG								0.4 U	3.8 U	3.8 U	3.6 U	0.36 U	3.5 UJ
PHENANTHRENE	MG/KG		2.2	1,000	100	100	1,000	100	0.04 J	3.3	2.7	0.33 J	0.19 U	1.8 J
PHENOL	MG/KG	30		1,000	100	100	0.33	0.33	0.21 U	1.9 U	1.9 U	1.9 U	0.19 U	1.8 U
PYRENE	MG/KG		7	1,000	100	100	1,000	100	0.048 J	4.6	4	0.63 J	0.19 U	0.56 J

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J=Estimated
N=Uncertain identification
R=Rejected value based on data validation process
U=Undetected at listed detection limit

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Checked by: ESW

Table 12
Summary of Analytical Results - MIP Confirmation Soil Samples
Former Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES					Area	Area C	Area C	Area E	Area E	Area E
							Location	MIP-C05	MIP-C06	MIP-E03	MIP-E04	MIP-E09
							Sample Date	07/06/07	07/06/07	07/06/07	07/06/07	07/06/07
							Sample ID	MIP-C05-0304	MIP-C06-0104	MIP-E03-0204	MIP-E04-0204	MIP-E09-0204
Parameter	**Units**	**Eco**	**Industrial**	**Residential**	**Restricted Res**	**Impact GW**	**Unrestricted**					
1,1,1-TRICHLOROETHANE	MG/KG		1,000	100	100	0.68	0.68	0.008 U	0.008	0.006 U	22 U	0.005 U
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG							0.008 U	0.005 U	0.006 U	22 U	0.005 U
1,2,4-TRICHLOROBENZENE	MG/KG							0.016 U	0.01 U	0.006 U	22 U	0.005 U
1,2-DICHLOROBENZENE	MG/KG		1,000	100	100	1.1	1.1	0.008 U	0.005 U	0.036	22 U	0.006
1,2-DICHLOROETHANE	MG/KG	10	60	2.3	3.1	0.02	0.02	0.003 J	0.002 J	0.006 U	22 U	0.005 U
1,3-DICHLOROBENZENE	MG/KG		560	17	49	2.4	2.4	0.008 U	0.005 U	0.006 U	22 U	0.005 U
1,4-DICHLOROBENZENE	MG/KG	20	250	9.8	13	1.8	1.8	0.008 U	0.005 U	0.008	22 U	0.002 J
2-BUTANONE	MG/KG	100	1,000	100	100	0.12	0.12	0.008 U	0.005 U	0.032 U	110 U	0.027 U
ACETONE	MG/KG	2.2	1,000	100	100	0.05	0.05	0.004 J	0.002 J	0.044 J	110 U	0.015 J
BENZENE	MG/KG	70	89	2.9	4.8	0.06	0.06	0.011 U	0.005 U	2.4	22 U	0.004 J
CARBON DISULFIDE	MG/KG							0.008 U	0.005 U	0.01	22 U	0.005 U
CARBON TETRACHLORIDE	MG/KG		44	1.4	2.4	0.76	0.76	0.008 U	0.005 U	0.006 U	22 U	0.005 U
CHLOROBENZENE	MG/KG	40	1,000	100	100	1.1	1.1	0.002 J	0.005 U	7.3	1200	0.091
CHLOROFORM	MG/KG	12	700	10	49	0.37	0.37	0.008 U	0.005 U	0.006 U	22 U	0.005 U
CHLOROMETHANE	MG/KG							0.016 U	0.01 U	0.013 U	43 U	0.011 U
CIS-1,2-DICHLOROETHENE	MG/KG		1,000	59	100	0.25	0.25	0.024 U	0.015 U	0.006 U	22 U	0.005 U

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Table 12
Summary of Analytical Results - MIP Confirmation Soil Samples
Former Buffalo Color Facility - RI/FS

		NY SOIL CLEANUP OBJECTIVES					Area	Area A	Area A	Area A	Area A	Area C
							Location	MIP-A02	MIP-A07	MIP-A08	MIP-A13	MIP-C04
							Sample Date	07/05/07	07/05/07	07/05/07	07/05/07	07/06/07
Parameter	Units	Eco	Industrial	Residential	Restricted Res	Impact GW	Sample ID	MIP-A02-0305	MIP-A07-0305	MIP-A08-0102	M1P-A13-0204	MIP-C04-0204
							Unrestricted					
1,1,1-TRICHLOROETHANE	MG/KG		1,000	100	100	0.68	0.68	0.005 U	0.005 U	0.006 U	0.004 U	0.002 J
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG							0.005 U	0.005 U	0.006 U	0.004 U	0.006 U
1,2,4-TRICHLOROBENZENE	MG/KG							0.005 U	0.005 U	0.004 J	0.004 U	0.013 U
1,2-DICHLOROBENZENE	MG/KG		1,000	100	100	1.1	1.1	0.005 U	0.005 U	0.008	0.004 U	0.006 U
1,2-DICHLOROETHANE	MG/KG	10	60	2.3	3.1	0.02	0.02	0.005 U	0.005 U	0.006 U	0.004 U	0.001 J
1,3-DICHLOROBENZENE	MG/KG		560	17	49	2.4	2.4	0.005 U	0.005 U	0.006 U	0.004 U	0.006 U
1,4-DICHLOROBENZENE	MG/KG	20	250	9.8	13	1.8	1.8	0.005 U	0.005 U	0.006 U	0.004 U	0.006 U
2-BUTANONE	MG/KG	100	1,000	100	100	0.12	0.12	0.01 J	0.008 J	0.028 U	0.022 U	0.006 U
ACETONE	MG/KG	2.2	1,000	100	100	0.05	0.05	0.04 J	0.066 J	0 R	0.06 J	0.001 J
BENZENE	MG/KG	70	89	2.9	4.8	0.06	0.06	51	0.037	0.006 U	0.004 U	0.006 U
CARBON DISULFIDE	MG/KG							0.005 U	0.005 U	0.006 U	0.004 U	0.006 U
CARBON TETRACHLORIDE	MG/KG		44	1.4	2.4	0.76	0.76	0.005 U	0.005 U	0.006 U	0.004 U	0.006 U
CHLOROBENZENE	MG/KG	40	1,000	100	100	1.1	1.1	0.002 J	0.005 U	0.006 U	0.004 U	0.006 U
CHLOROFORM	MG/KG	12	700	10	49	0.37	0.37	0.005 U	0.005 U	0.006 U	0.001 J	0.006 U
CHLOROMETHANE	MG/KG							0.01 U	0.011 U	0.011 U	0.009 U	0.013 U
CIS-1,2-DICHLOROETHENE	MG/KG		1,000	59	100	0.25	0.25	0.005 U	0.005 U	0.006 U	0.004 U	0.019 U

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