



May 21, 2019

Mr. Frank Sowers, PE
Division of Environmental Remediation
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, NY 14414

Re: NYSDEC BCP #C828113
Former Luster-Coate
32 East Buffalo Street, Churchville, NY
LaBella Project No. 2171500

Dear Mr. Sowers,

LaBella Associates, D.P.C. (LaBella) is pleased submit this data package on behalf of Alantic Funding & Real Estate LLC for 32 East Buffalo Street, Village of Churchville, Monroe County, New York, hereinafter referred to as the "Site". The Site was entered into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) in May 2006 as Site #C828113. An amendment to the Brownfield Cleanup Agreement (BCA) is in progress to modify the boundaries of the Site, as shown on the attached Figure 1.

A Remedial Investigation Work Plan (RIWP) was approved by NYSDEC in a letter dated August 17, 2017 for the Site. In addition, an addendum to the RIWP was also approved on September 8, 2017 related to emerging contaminant sampling. The approved RIWP and the approved addendum to the RIWP were completed with the exception of collecting the three surface soil samples (0-2 inch and 2-12 inch) in the northern portion of the Site.

In addition to the RIWP, soil sampling was also to be conducted as part of delineating Polychlorinated Biphenyls (PCBs) detected in shallow soils at the Site. The planned PCB delineation work was identified in a Supplemental Sampling Work Plan (SSWP) dated August 9, 2018. Only a portion of this work was completed when it was determined that PCB impacts were significant, at which time a meeting was held with NYSDEC to discuss removing the northern portion of the property from the Site boundaries ("Northern Area of the Former Site").

This data package is for the Northern Area of the Former Site, which will no longer be included as part of the Site or in the BCP. The following is included:

- Figures
 - Figure 1 – Northern Area of the Former Site Features
 - Figures 2, 2A, 2B –Testing Locations
- Tables
 - LaBella 2017-2018 data (soil, groundwater, soil gas, concrete)
 - Terracon 2016-2017 data provided to LaBella by Terracon
- Field Logs 2017-2018
- Laboratory Reports 2017-2018 as follows:



Lab	SDG	Samples	DUSR Completed
TestAmerica	J32039	LBA-MW1 through LBA-MW5 groundwater	Yes
TestAmerica	J123668	LBA-GP1 through LBA-GP13 soil, LBA-MW1 through LBA-MW3 soil, LBA-MW4 soil, LBA-SG1 through LBA-SG1 soil	Yes
TestAmerica	J123989	LBA-MW3 and LBA-MW4 soil	Yes
TestAmerica	J125098	SB32 through SB57 soil	Yes
TestAmerica	J125348	LBA-SG3 through LBA-SG5 soil	Yes
Centek	C1710013	Soil Gas	Yes
Pace Analytical	7025701	LBA-SB37 through LBA-SB40 soil	Yes
Pace Analytical	7025724	LBA-SB1 through LBA-SB12 soil	Yes
Pace Analytical	7025729	LBA-SB5 through LBA-SB8, LBA-SB21 through LBA-SB24 soil	Yes
Pace Analytical	7025735	LBA-SB21 through LBA-SB36 soil	Yes
Pace Analytical	7025736	LBA-SB13 through LBA-SB16, LBA-SB25 through LBA-SB28 soil	Yes
Pace Analytical	7025738	LBA-SB1 through LBA-SB24 soil	Yes
Pace Analytical	7024740	LBA-SB17 through LBA-SB20, LBA-SB29 through LBA-SB32 soil	Yes
Pace Analytical	7024741	LBA-SB33 through LBA-SB36, LBA-SB41 soil	Yes
Alpha Analytical	L1804758	LBA-SB127 through LBA-SB164 soil	No
Alpha Analytical	L1841419	LBA-SB166 through LBA-SB187 soil	No
Alpha Analytical	L1841420	LBA-SB188 through LBA-SB210 soil	No
Alpha Analytical	L1845927	LBA-SB120 through LBA-SB210 soil	No

- Data Usability Summary Reports (DUSRs)
- Electronic data deliverables (validated EDDs for SDGs with DUSRs completed).

If you have any questions please do not hesitate to contact me at (585) 295-6611.

Respectfully submitted,

ABELLA ASSOCIATES, D.P.C.

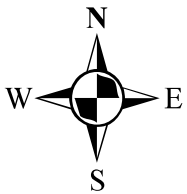
Daniel P. Noll, PE
Project Manager

Attachments

I:\Atlantic Funding & Real Estate LLC\2171500 - 32 E Buffalo St RI Implementation\Correspondence\LTR.2019.05.21 - Data Package Transmittal.docx



FIGURES



0 25 50 75
Feet
1 inch = 75 feet

INTENDED TO PRINT AS: 11" X 17"

PROJECT:

Former Luster-Coate
32 East Buffalo St.
Churchville, NY
BCP Site C828133

DRAWING:

SITE FEATURES

PROJECT/DRAWING NUMBER:

2171500

FIGURE 1

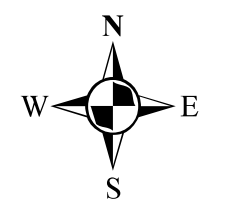
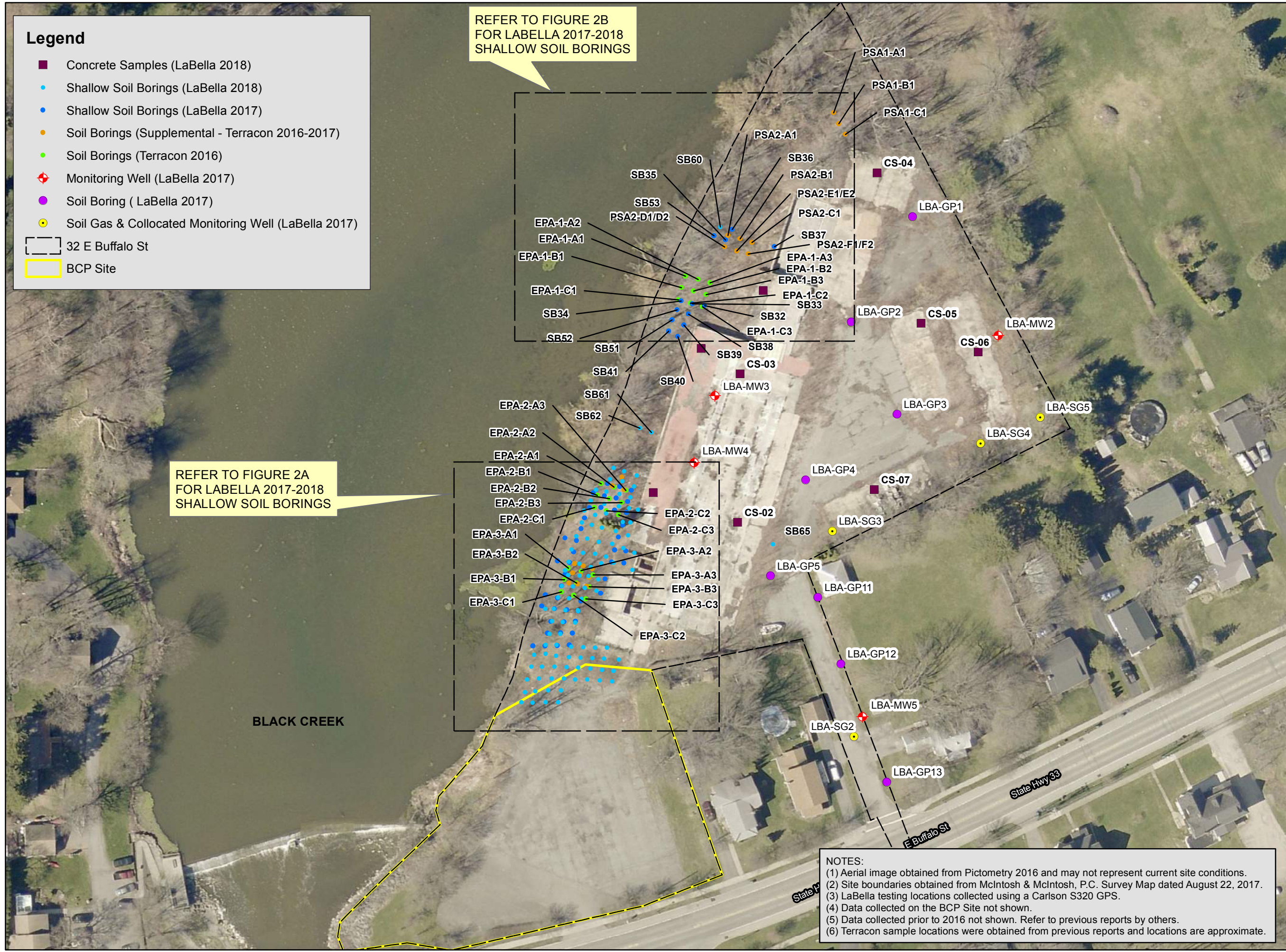
4/16/2019

Legend

- Concrete Samples (LaBella 2018)
- Shallow Soil Borings (LaBella 2018)
- Shallow Soil Borings (LaBella 2017)
- Soil Borings (Supplemental - Terracon 2016-2017)
- Soil Borings (Terracon 2016)
- Monitoring Well (LaBella 2017)
- Soil Boring (LaBella 2017)
- Soil Gas & Collocated Monitoring Well (LaBella 2017)
- 32 E Buffalo St
- BCP Site

REFER TO FIGURE 2B
FOR LABELLA 2017-2018
SHALLOW SOIL BORINGS

REFER TO FIGURE 2A
FOR LABELLA 2017-2018
SHALLOW SOIL BORINGS



0 25 50 75
Feet
1 inch = 75 feet

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PROJECT:

Former Luster-Coate
32 East Buffalo St.
Churchville, NY
BCP Site C828133

DRAWING:

TESTING LOCATIONS

PROJECT/DRAWING NUMBER:

2171500

FIGURE 2

4/19/2019

NOTES:
(1) Aerial image obtained from Pictometry 2016 and may not represent current site conditions.
(2) Site boundaries obtained from McIntosh & McIntosh, P.C. Survey Map dated August 22, 2017.
(3) LaBella testing locations collected using a Carlson S320 GPS.
(4) Data collected on the BCP Site not shown.
(5) Data collected prior to 2016 not shown. Refer to previous reports by others.
(6) Terracon sample locations were obtained from previous reports and locations are approximate.

Legend

Not Analyzed

< 1 ppm PCBs

1-25 ppm PCBs

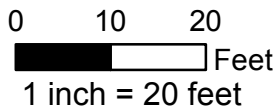
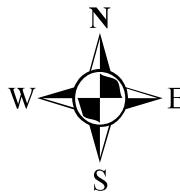
25.1-50 ppm PCBs

> 50 ppm PCBs

32 E Buffalo St

BCP Site

NOTES:
(1) Aerial image obtained from Pictometry 2016 and may not represent current site conditions.
(2) Site boundaries obtained from McIntosh & McIntosh, P.C. Survey Map dated August 22, 2017.
(3) LaBella testing locations collected using a Carlson S320 GPS.
(4) Only LaBella 2017-2018 sample locations shown. Refer to previous reports by others for pre-2017 samples.
(5) Grey indicates samples not analyzed.
Green indicates PCBs not detected above 1 ppm in any sample interval.
Yellow indicates PCBs detected up to 25 ppm in one or more test interval.
Orange indicates PCBs detected up to 50 ppm in one or more test interval.
Red indicates PCBs detected greater than 50 ppm in one or more test interval.



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PROJECT:

Former Luster-Coate
32 East Buffalo St.
Churchville, NY
BCP Site C828133

DRAWING:

TESTING LOCATIONS
SHALLOW SOIL
BORINGS
SOUTHERN PORTION
OF SITE

PROJECT/DRAWING NUMBER:

2171500

FIGURE 2A

4/19/2019

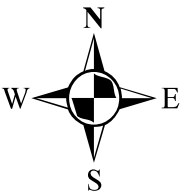
Legend

- Not Analyzed
- < 1 ppm PCBs
- 1-25 ppm PCBs
- 25.1-50 ppm PCBs
- > 50 ppm PCBs

32 E Buffalo St

BCP Site

NOTES:
(1) Aerial image obtained from Pictometry 2016 and may not represent current site conditions.
(2) Site boundaries obtained from McIntosh & McIntosh, P.C. Survey Map dated August 22, 2017.
(3) LaBella testing locations collected using a Carlson S320 GPS.
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(5) Grey indicates samples not analyzed.
Green indicates PCBs not detected above 1 ppm in any sample interval.
Yellow indicates PCBs detected up to 25 ppm in one or more test interval.
Orange indicates PCBs detected up to 50 ppm in one or more test interval.
Red indicates PCBs detected greater than 50 ppm in one or more test interval.



0 10 20
Feet
1 inch = 20 feet

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PROJECT:

Former Luster-Coate
32 East Buffalo St.
Churchville, NY
BCP Site C828133

DRAWING:

TESTING LOCATIONS
SHALLOW SOIL
BORINGS
NORTHERN PORTION
OF SITE

PROJECT/DRAWING NUMBER:

2171500

FIGURE 2B

4/19/2019



TABLES

Former Luster-Coate
32 E Buffalo Street, Churchville NY
LaBella Project #2171500
Table 1 - Volatile Organic Compounds (VOCs) in Soil

Sample ID	6NYCRR Part 375 Unrestricted Use SCOs	6NYCRR Part 375 Restricted Residential Use SCOs	6NYCRR Part 375 Protection of Groundwater SCOs	LBA-GP1		LBA-GP2		LBA-GP3		LBA-GP4		LBA-GP5		LBA-GP11		LBA-GP11		LBA-GP12		LBA-GP12		LBA-GP13		LBA-GP13		LBA-MW2		LBA-MW3		LBA-MW3		
Sample Depth				1'-1.5'		1'-2'		1'-1.25'		0.8'		0.5'-0.75'		0-2"		2"-12"		0-2"		2"-12"		0-2"		2"-12"		6.5'		10.5'		15'		
Sample Date				8/28/2017		8/28/2017		8/28/2017		8/28/2017		8/28/2017		8/28/2017		8/28/2017		8/28/2017		8/28/2017		8/28/2017		8/28/2017		8/30/2017		8/30/2017		9/6/2017		
1,1,1-Trichloroethane	0.68	500	0.68	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
1,1,2,2-Tetrachloroethane	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	
1,1,2-Trichloro-1,2,2-trifluoroethane	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	
1,1,2-Trichloroethane	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	F1	ND	vs
1,1-Dichloroethane	0.27	240	0.27	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
1,1-Dichloroethene	0.33	500	0.33	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
1,2,4-Trichlorobenzene	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
1,2-Dibromo-3-Chloropropane	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	
1,2-Dichlorobenzene	1.1	500	1.1	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
1,2-Dichloroethane	0.02	30	0.02	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
1,2-Dichloropropane	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
1,3-Dichlorobenzene	2.4	280	2.4	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
1,4-Dichlorobenzene	1.8	130	1.8	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
2-Butanone (MEK)	0.12	500	0.12	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	* vs	ND	* vs	ND	J	ND	* vs	ND	* vs	ND	* vs	ND	J	ND	vs	
2-Hexanone	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
4-Methyl-2-pentanone (MIBK)	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Acetone	0.05	500	0.05	0.014	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	0.0045	J	ND	vs	F1	ND	vs
Benzene	0.06	44	0.06	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	0.00032	J	ND	vs	ND	vs	ND	vs	0.00074	J vs	ND	vs	
Bromodichloromethane	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Bromoform	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	
Bromomethane	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Carbon disulfide	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Carbon tetrachloride	0.76	22	0.76	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Chlorobenzene	1.1	500	1.1	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Chloroethane	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Chloroform	0.37	350	0.37	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Chloromethane	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
cis-1,2-Dichloroethene	0.25	500	0.25	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
cis-1,3-Dichloropropene	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	* vs	ND	* vs	ND	J	ND	* vs	ND	* vs	ND	* vs	ND	* vs	ND	vs	
Cyclohexane	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Dibromochloromethane	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Dichlorodifluoromethane	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Ethylbenzene	1	390	1	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	0.012	J	ND	vs	ND	vs	0.00039	J	0.0014	J vs	ND	vs	ND	vs	ND	vs	ND	vs	
Isopropylbenzene	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Methyl acetate	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Methyl tert-butyl ether	0.93	500	0.93	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Methylcyclohexane	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Methylene Chloride	0.05	500	0.05	ND		ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	J vs	0.0083	J	ND	vs	ND	vs	ND	vs	ND	vs	ND		
Styrene	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	0.0011	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Tetrachloroethene	1.3	150	1.3	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	0.016	J	0.0011	J vs	0.00082	J vs	ND	vs	0.0033	J vs	ND	vs	
Toluene	0.7	500	0.7	ND	vs	ND	vs	ND	vs	ND	vs	0.00053	J vs	0.0005	J	ND	vs	ND	vs	0.0023	J	ND	vs	ND	vs	ND	vs	0.0017	J vs	ND	vs	
trans-1,2-Dichloroethene	0.19	500	0.19	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
trans-1,3-Dichloropropene	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Trichloroethene	0.47	200	0.47	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	0.0043	J vs	ND	vs	
Trichlorofluoromethane	NL	NL	NL	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Vinyl chloride	0.02	13	0.02	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	J	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	
Xylenes, Total	0.26	500	1.6	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	0.11	J	ND	vs	ND	vs	0.0011	J	0.014	vs	ND	vs	ND	vs	ND	vs	ND	vs	

Concentrations in milligrams per kilogram (mg/kg) or parts per million (ppm)

Bold denotes exceedance of 6NYCRR 375 Unrestricted Use Soil Cleanup Objectives

Highlighted denotes exceedance of 6NYCRR 375 Restricted Residential Soil Cleanup Objectives

Underlined denotes exceedance of 6NYCRR 375 Protection of Groundwater Soil Cleanup Objectives

NL = Not Listed

ND = Non-detect above laboratory method detection limits

* = LCS or LCSD is outside acceptance limits.

J = Approximate value

vs = Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.

F1 = MS and/or MSD Recovery is outside acceptance limits.

B = Compound was found in the blank and sample.

Analysis by USEPA Method 8260

Red font indicates a change made in the DUSR

Former Luster-Coate
32 E Buffalo Street, Churchville NY
LaBella Project #2171500
Table 1 - Volatile Organic Compounds (VOCs) in Soil

Sample ID	6NYCRR Part 375 Unrestricted Use SCOs	6NYCRR Part 375 Restricted Residential Use SCOs	LBA-MW4		LBA-MW4D		LBA-MW5	
Sample Depth			9'		9'		12.75'	
Sample Date			9/6/2017		9/7/2017		9/5/2017	
1,1,1-Trichloroethane	0.68	500	ND	vs	ND	vs	ND	
1,1,2,2-Tetrachloroethane	NL	NL	ND	J	ND	vs	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	NL	NL	ND	vs	ND	vs	ND	
1,1,2-Trichloroethane	NL	NL	ND	J	ND	vs	ND	
1,1-Dichloroethane	0.27	240	ND	vs	ND	vs	ND	
1,1-Dichloroethene	0.33	500	ND	vs	ND	vs	ND	
1,2,4-Trichlorobenzene	NL	NL	ND	vs	ND	vs	ND	
1,2-Dibromo-3-Chloropropane	NL	NL	ND	J	ND	vs	ND	
1,2-Dichlorobenzene	1.1	500	ND	vs	ND	vs	ND	
1,2-Dichloroethane	0.02	30	ND	J	ND	vs	ND	
1,2-Dichloropropane	NL	NL	ND	vs	ND	vs	ND	
1,3-Dichlorobenzene	2.4	280	ND	vs	ND	vs	ND	
1,4-Dichlorobenzene	1.8	130	ND	vs	ND	vs	ND	
2-Butanone (MEK)	0.12	500	ND	J	ND	vs	ND	
2-Hexanone	NL	NL	ND	vs	ND	vs	ND	
4-Methyl-2-pentanone (MIBK)	NL	NL	ND	J	ND	vs	ND	
Acetone	0.05	500	0.0079	J	ND	vs	ND	
Benzene	0.06	44	ND	vs	ND	vs	ND	
Bromodichloromethane	NL	NL	ND	vs	ND	vs	ND	
Bromoform	NL	NL	ND	vs	ND	vs	ND	
Bromomethane	NL	NL	ND	vs	ND	vs	ND	
Carbon disulfide	NL	NL	ND	vs	ND	vs	ND	
Carbon tetrachloride	0.76	22	ND	vs	ND	vs	ND	
Chlorobenzene	1.1	500	ND	vs	ND	vs	ND	
Chloroethane	NL	NL	ND	vs	ND	vs	ND	
Chloroform	0.37	350	ND	vs	ND	vs	ND	
Chloromethane	NL	NL	ND	vs	ND	vs	ND	
cis-1,2-Dichloroethene	0.25	500	ND	vs	ND	vs	ND	
cis-1,3-Dichloropropene	NL	NL	ND	vs	ND	vs	ND	
Cyclohexane	NL	NL	ND	vs	ND	vs	ND	
Dibromochloromethane	NL	NL	ND	vs	ND	vs	ND	
Dichlorodifluoromethane	NL	NL	ND	vs	ND	vs	ND	
Ethylbenzene	1	390	ND	vs	ND	vs	0.11	J
Isopropylbenzene	NL	NL	ND	vs	ND	vs	0.04	J
Methyl acetate	NL	NL	ND	vs	ND	vs	ND	
Methyl tert-butyl ether	0.93	500	ND	vs	ND	vs	ND	
Methylcyclohexane	NL	NL	ND	vs	ND	vs	0.45	
Methylene Chloride	0.05	500	ND		ND			ND
Styrene	NL	NL	ND	vs	ND	vs	ND	
Tetrachloroethene	1.3	150	ND	vs	ND	vs	ND	
Toluene	0.7	500	ND	vs	0.00064	J	ND	
trans-1,2-Dichloroethene	0.19	500	ND	vs	ND	vs	ND	
trans-1,3-Dichloropropene	NL	NL	ND	vs	ND	vs	ND	
Trichloroethene	0.47	200	ND	vs	ND	vs	ND	
Trichlorofluoromethane	NL	NL	ND	vs	ND	vs	ND	
Vinyl chloride	0.02	13	ND	vs	ND	vs	ND	
Xylenes, Total	0.26	500	ND	vs	ND	vs	0.47	

Concentrations in milligrams per kilogram (mg/kg) or parts per million (ppm)
Bold denotes exceedance of 6NYCRR 375 Unrestricted Use Soil Cleanup Objectives
Highlighted denotes exceedance of 6NYCRR 375 Restricted Residential Soil Cleanup
Underlined denotes exceedance of 6NYCRR 375 Protection of Groundwater Soil Clear
NL = Not Listed
ND = Non-detect above laboratory method detection limits
* = LCS or LCSD is outside acceptance limits.
J = Approximate value
vs = Reported analyte concentrations are below 200 ug/kg and may be biased low du
F1 = MS and/or MSD Recovery is outside acceptance limits.
B = Compound was found in the blank and sample.
Analysis by USEPA Method 8260
Red font indicates a change made in the DUSR

Former Luster-Coate
32 E Buffalo Street, Churchville NY
LaBella Project #2171500
Table 2 - Semi-Volatile Organic Compounds (SVOCs) in Soil

Sample ID	6NYCRR Part 375 Unrestricted Use SCOs	6NYCRR Part 375 Restricted Residential Use SCOs	6NYCRR Part 375 Protection of Groundwater SCOs	LBA-GP1		LBA-GP2		LBA-GP3		LBA-GP4		LBA-GP5		LBA-GP11		LBA-GP11		LBA-GP12		LBA-GP12		LBA-GP13		LBA-GP13		LBA-MW2		LBA-MW3		LBA-MW3		LBA-MW4		LBA-MW4D		LBA-MW5	
Sample Depth	Unrestricted Use SCOs	Restricted Residential Use SCOs	Protection of Groundwater SCOs	1.5'-2.0'		0.5'-2.5'		1.25'-2.5'		1.0'-1.75'		1'-2'		0-2"		2'-12"		0-2"		2'-12"		0-2"		2'-12"		5'-9'		10'-11'		15'		8.5'-10.5'		8.0'-11.0'		12'-13'	
Sample Date				8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017
Biphenyl	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		F2	ND		ND		
bis (2-chloroisopropyl) ether	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
2,4,5-Trichlorophenol	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
2,4,6-Trichlorophenol	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		F2	ND		ND		
2,4-Dichlorophenol	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
2,4-Dimethylphenol	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
2,4-Dinitrophenol	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
2,4-Dinitrotoluene	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
2,6-Dinitrotoluene	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
2-Chloronaphthalene	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		F2	ND		ND		
2-Chlorophenol	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
2-Methylphenol	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		F2	ND		ND		
2-Methylnaphthalene	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
2-Nitroaniline	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		F2	ND		ND		
2-Nitrophenol	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
3,3'-Dichlorobenzidine	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
3-Nitroaniline	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
4,6-Dinitro-2-methylphenol	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
4-Bromophenyl phenyl ether	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
4-Chloro-3-methylphenol	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
4-Chloroaniline	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
4-Chlorophenyl phenyl ether	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
4-Methylphenol	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
4-Nitroaniline	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
4-Nitrophenol	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Acenaphthene	20	100	98	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Acenaphthylene	100	100	107	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Acetophenone	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Anthracene	100	100	1000	0.078	J	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Atrazine	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	*	ND	*	ND	*	ND	
Benzaldehyde	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		J	ND		
Benzo[a]anthracene	1	1	1	0.17	J	ND		ND		ND		3.4	J	0.047		0.047		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Benzo[a]pyrene	1	1	22	0.18	J	0.32	J	ND		ND		4.1	J	0.047		0.047		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Benzo[b]fluoranthene	1	1	1.7	0.23	J	0.3	J	ND		ND		6.6	J	0.068		0.068		ND		ND		ND		ND		0.031	J	ND		ND		ND		ND			
Benzo[g,h,i]perylene	100	100	1000	0.15	J	0.28	J	ND		ND		4.5	J	0.039		0.039		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Benzo[k]fluoranthene	0.8	3.9	1.7	0.099	J	ND		ND		ND		2.7	J	0.026		0.026		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Bis(2-chloroethoxy)methane	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		F2	ND		
Bis(2-chloroethyl)ether	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Bis(2-ethylhexyl) phthalate	NL	NL	NL	0.58	J	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Butyl benzyl phthalate	NL	NL	NL	0.16	J	ND		ND		2.1	J	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Caprolactam	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Carbazole	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Chrysene	1	3.9	1	0.2	ND	ND		ND		ND		5.5	J	0.064		0.064		ND		ND		ND		ND		0.046	J	ND		ND		ND		ND			
Dibenz(a,h)anthracene	0.33	0.33	1000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Di-n-butyl phthalate	NL	NL	NL	ND		ND		ND		0.055	J	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Di-n-octyl phthalate	NL	NL	NL	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Dibenzofuran	7	59	210	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			

Concentrations in milligrams per kilogram (mg/kg) or parts per million (ppm)

Bold denotes exceedance of 6NYCRR 375 Unrestricted Use Soil Cleanup Objectives

Highlighted denotes exceedance of 6NYCRR 375 Restricted Residential Soil Cleanup Objectives

Underlined denotes exceedance of 6NYCRR 375 Protection of Groundwater Soil Cleanup Objectives

NL = Not Listed

ND = Non-detect above laboratory method detection limits

* = LCS or LCSD is outside acceptance limits.

J = Approximate value

vs = Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.

F1 = MS and/or MSD Recovery is outside acceptance limits.

F2 = MS/MSD RPD exceeds control limits

B = Compound was found in the blank and sample.

Analysis by USEPA Method 8270

Red font indicates a change made in the DUSR

Former Luster-Coate
32 E Buffalo Street, Churchville NY
LaBella Project #2171500
Table 3 - Metals in Soil

Sample ID	6NYCRR Part 375 Unrestricted Use SCOs	6NYCRR Part 375 Restricted Residential Use SCOs	6NYCRR Part 375 Protection of Groundwater SCOs	LBA-MW2	LBA-MW3	LBA-MW3	LBA-MW4	LBA-MW4D	LBA-MW5
Sample Depth				5'-9'	10'-11'	15'	8.5'-10.5'	8.0'-11.0'	12'-13'
Sample Date				8/30/2017	8/30/2017	9/6/2017	9/7/2017	9/7/2017	9/5/2017
Aluminum	NL	NL	NL	4360 J	5940 J F1	4910 J	2840 J F1	5050 J	4140 J
Antimony	NL	NL	NL	ND J	ND J F1	ND J *	ND J F1 *	ND J *	ND J
Arsenic	13	16	16	2.6	4.5	2.0	1.1 J	3.4	1.3 J
Barium	350	400	820	21.0	26.9	35.3 J	13.2 J F1	18.1	32.1
Beryllium	7.2	72	47	0.20	0.44	0.20 J	0.12 J	0.21 J	0.19 J
Cadmium	2.5	4.3	7.5	0.093 J	0.49	0.044 J	0.20 J	0.26	0.085 J
Calcium	NL	NL	NL	44100 J B	88100 J F2 B	33400 J B	49400 J F2 B	104000 J B	39700 J B
Chromium, trivalent	30	180	NL	7.1 J B	10.7 J B	8.0 B	4.4 B	7.2 B	7.4 J B
Cobalt	NL	NL	NL	3.1	4.9	3.2	1.9 J	3.5 J	3.1
Copper	50	270	1720	8.2	11.8	5.2	3.4 J	7.2 J	5.5
Iron	NL	NL	NL	8310 J	10300 J	9230 J	5380 J F1	9150 J	9000 J
Lead	63	400	450	6.6 J	15.5 J F1	3.5	7.2 J	18.7 J	3.4 J
Magnesium	NL	NL	NL	22000 J B	43000 J F2 B	10300 B	22300 J F2 B	50600 J B	13100 J B
Manganese	1600	2000	2000	293 B	300 B	238 J B	184 J B	352 J B	242 B
Mercury	0.18	0.81	0.73	ND	0.017 J	ND	ND	ND	ND
Nickel	30	310	130	6.5	9.8	6.4	3.7 J	6.4 J	5.7
Potassium	NL	NL	NL	1200 J	2080 J F2 F1	1190	761 J F1	1670 J	1140 J
Selenium	3.9	180	4	ND	ND	ND	ND	ND	ND
Silver	2	180	8.3	ND	ND	ND	ND	ND	ND
Sodium	NL	NL	NL	152	249	199	162	206	236
Thallium	NL	NL	NL	ND	ND	ND	ND	ND	ND
Vanadium	NL	NL	NL	13.7	14.8	15.9	8.8	14.0	15.3
Zinc	109	10,000	2,480	51.2 J R		23.3 J R		118 J	20.2 J

Concentrations in milligrams per kilogram (mg/kg) or parts per million (ppm)

Bold denotes exceedance of 6NYCRR 375 Unrestricted Use Soil Cleanup Objectives

Highlighted denotes exceedance of 6NYCRR 375 Restricted Residential Soil Cleanup Objectives

Underlined denotes exceedance of 6NYCRR 375 Protection of Groundwater Soil Cleanup Objectives.

NL = Not Listed

ND = Non-detect above laboratory method detection limits

* = LCS or LCSD is outside acceptance limits.

J = Approximate value

F1 = MS and/or MSD Recovery is outside acceptance limits.

F2 = MS/MSD RPD exceeds control limits

B = Compound was found in the blank and sample.

Analysis by USEPA Method 6010/7470

Red font indicates a change made in the DUSR

R indicates the result was rejected by the DUSR

Former Luster-Coate
32 E Buffalo Street, Churchville NY
LaBella Project #2171500
Table 4 - Pesticides in Soil

Sample ID	6NYCRR Part 375	6NYCRR Part 375 Restricted Residential Use	6NYCRR Part 375 Protection of Groundwater	LBA-MW2	LBA-MW3	LBA-MW3	LBA-MW4	LBA-MW4D	LBA-MW5
Sample Depth	Unrestricted	Residential Use	Groundwater	5'-9'	10'-11'	15'	8.5'-10.5'	8.0'-11.0'	12'-13'
Sample Date	Use SCOs	SCOs	SCOs	8/30/2017	8/30/2017	9/6/2017	9/7/2017	9/7/2017	9/5/2017
4,4'-DDD	0.0033	13	14	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	8.9	17	ND	ND	0.00051 J	ND	ND	ND
4,4'-DDT	0.0033	7.9	136	ND	0.00077 J	ND	ND	ND	ND
Aldrin	0.005	0.097	0.19	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	0.48	0.02	ND	0.00051 J B	ND	ND	ND	ND
alpha-Chlordane	0.094	4.2	2.9	ND	ND	ND	ND	ND	ND
beta-BHC	0.036	0.36	0.09	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	100	0.25	ND	ND	0.00058 J	ND	ND	ND
Dieldrin	0.005	0.2	0.1	ND	ND	ND	ND	ND	ND
Endosulfan I	2.4	24	102	ND	ND	ND	ND	ND	ND
Endosulfan II	2.4	24	102	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	2.4	24	1000	ND	ND	ND	ND	ND	ND
Endrin	0.014	11	0.06	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NL	NL	NL	ND	ND	ND	ND	ND	ND
Endrin ketone	NL	NL	NL	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	1.3	0.1	ND	ND	ND	ND	ND J B	0.00049
gamma-Chlordane	NL	NL	NL	ND	ND	ND	ND	ND	ND
Heptachlor	0.042	2.1	0.38	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	NL	NL	NL	ND	ND	ND	ND	ND	ND
Methoxychlor	NL	NL	NL	ND	ND	ND	ND	ND	ND
Toxaphene	NL	NL	NL	ND	ND	ND	ND	ND	ND

Concentrations in milligrams per kilogram (mg/kg) or parts per million (ppm)

Bold denotes exceedance of 6NYCRR 375 Unrestricted Use Soil Cleanup Objectives

Highlighted denotes exceedance of 6NYCRR 375 Restricted Residential Soil Cleanup Objectives

Underlined denotes exceedance of 6NYCRR 375 Protection of Groundwater Soil Cleanup Objectives

NL = Not Listed

ND = Non-detect above laboratory method detection limits

J = Approximate value

B = Compound was found in the blank and sample.

Analysis by USEPA Method 8081

Red font indicates a change made in the DUSR

Former Luster-Coate
32 E Buffalo Street, Churchville NY
LaBella Project #2171500
Table 5 - Polychlorinated Biphenyls (PCBs) in Soil

Sample ID	6NYCRR Part 375 Unrestricted Use SCOs	6NYCRR Part 375 Restricted Residential Use SCOs	6NYCRR Part 375 Protection of Groundwater SCOs	LBA-GP1	LBA-GP2	LBA-GP3	LBA-GP4	LBA-GP5	LBA-GP11	LBA-GP11	LBA-GP12	LBA-GP12	LBA-GP13	LBA-GP13	LBA-MW2	LBA-MW3	LBA-MW3	LBA-MW4	LBA-MW4D	LBA-MW5					
Sample Depth				1.5'-2.0'	0.5'-2.5'	1.25'-2.5'	1.0'-1.75'	1'-2'	0-2"	2"-12"	0-2"	2"-12"	0-2"	2"-12"	5'-9'	10'-11'	15'	8.5'-10.5'	8.0'-11.0'	12'-13'					
Sample Date				8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/28/2017	8/30/2017	8/28/2017	9/6/2017	9/7/2017	9/7/2017	9/5/2017				
PCB-1016	NL	NL	NL	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J				
PCB-1221				ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J		
PCB-1232				ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J		
PCB-1242				ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J		
PCB-1248				0.47	J	ND	J	ND	J	ND	J	51	J	ND	J	77	J	140	J	14	J	1.4	J	ND	J
PCB-1254				ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J
PCB-1260				ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J	ND	J
Total PCBs	0.1	1.0	3.2	0.47	J	ND	J	ND	J	ND	J	51	J	ND	J	77	J	140	J	14	J	1.4	J	ND	J

Concentrations in milligrams per kilogram (mg/kg) or parts per million (ppm)
Bold denotes exceedance of 6NYCRR 375 Unrestricted Use Soil Cleanup Objectives
Highlighted denotes exceedance of 6NYCRR 375 Restricted Residential Soil Cleanup Objectives
Underlined denotes exceedance of 6NYCRR 375 Protection of Groundwater Soil Cleanup Objectives
NL = Not Listed
ND = Non-detect above laboratory method detection limits
Analysis by USEPA Method 8082
Red font indicates a change made in the DUSR

Former Luster-Coate
32 E Buffalo Street, Churchville NY
LaBella Project #2171500
Table 6 - 1,4-Dioxane in Soil

Sample ID	6NYCRR Part 375 Unrestricted Use SCOs	6NYCRR Part 375 Restricted Residential Use SCOs	6NYCRR Part 375 Protection of Groundwater SCOs	LBA-MW2		LBA-MW3		LBA-MW3		LBA-MW4		LBA-MW4D		LBA-MW5	
Sample Depth				5'-9'		10'-11'		15'		8.5'-10.5'		8.0'-11.0'		12'-13'	
Sample Date				8/30/2017		8/28/2017		9/6/2017		9/7/2017		9/7/2017		9/5/2017	
1,4-Dioxane	0.1	13	0.1	ND		ND		ND	J	ND	J	ND	J	ND	

Concentrations in milligrams per kilogram (mg/kg) or parts per million (ppm)
Bold denotes exceedance of 6NYCRR 375 Unrestricted Use Soil Cleanup Objectives
Highlighted denotes exceedance of 6NYCRR 375 Restricted Residential Soil Cleanup Objectives
Underlined denotes exceedance of 6NYCRR 375 Protection of Groundwater Soil Cleanup Objectives
NL = Not Listed
ND = Non-detect above laboratory method detection limits
Analysis by USEPA Method 8270 SIM
Red font indicates a change made in the DUSR

Former Luster-Coate
32 E Buffalo Street, Churchville NY
LaBella Project #2171500
Table 7 - Volatile Organic Compounds (VOCs) in Groundwater

Sample ID	NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values	LBA-MW2		LBA-MW3		LBA-MW4		LBA-MW5		LBA-SG2		LBA-SG3		LBA-SG4		LBA-SG5		Trip Blank	
Screened Interval		10-15		9-24		9-19		4-19		9-13		8-18		8-18		8-18		NA	
Sample Date		10/3/2017		10/3/2017		10/3/2017		10/2/2017		9/29/2017		9/29/2017		9/29/2017		9/29/2017		9/29/2017	
1,1,1-Trichloroethane	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
1,1,2,2-Tetrachloroethane	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
1,1,2-Trichloroethane	1	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
1,1-Dichloroethane	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
1,1-Dichloroethene	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
1,2,4-Trichlorobenzene	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
1,2-Dibromo-3-Chloropropane	0.04	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
1,2-Dibromoethane	NL	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
1,2-Dichlorobenzene	3	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
1,2-Dichloroethane	0.6	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
1,2-Dichloropropane	1	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
1,3-Dichlorobenzene	3	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
1,4-Dichlorobenzene	3	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
2-Hexanone	50**	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
2-Butanone (MEK)	50**	ND	J	ND		ND	J	ND	J	3.6	J	ND	*	ND		ND	J	ND	
4-Methyl-2-pentanone (MIBK)	NL	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Acetone	50**	4.3	J	3.8	J	4.9	J	13	J	17	J	ND		ND		ND	J	ND	
Benzene	1	ND	J	ND		ND	J	14	J	1.1	J	ND		ND		ND	J	ND	
Bromodichloromethane	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Bromoform	50**	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Bromomethane	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Carbon disulfide	60**	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Carbon tetrachloride	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Chlorobenzene	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Dibromochloromethane	50**	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Chloroethane	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Chloroform	7	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		0.47	J	ND	
Chloromethane	NL	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
cis-1,2-Dichloroethene	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
cis-1,3-Dichloropropene	0.4	ND	J	ND		ND	J	ND	J	ND	J	ND		ND	*	ND	J	ND	
Cyclohexane	NL	ND	J	ND		ND	J	13	J	0.54	J	ND		ND		ND	J	ND	
Dichlorodifluoromethane	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Ethylbenzene	5	ND	J	ND		ND	J	26	J	ND	J	ND		ND		ND	J	ND	
Isopropylbenzene	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Methyl acetate	NL	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Methyl tert-butyl ether	10**	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Methylcyclohexane	NL	ND	J	ND		ND	J	6.3	J	0.68	J	ND		ND	*	ND	J	ND	
Methylene Chloride	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Styrene	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Tetrachloroethene	5	ND	J	ND		ND	J	ND	J	ND	J	ND	*	ND		ND	J	ND	
Toluene	5	ND	J	ND		ND	J	12	J	1.7	J	ND		ND		ND	J	ND	
trans-1,2-Dichloroethene	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
trans-1,3-Dichloropropene	0.4	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Trichloroethene	5	ND	J	4.4		13	J	ND	J	ND	J	ND		ND		ND	J	ND	
Trichlorofluoromethane	5	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Vinyl chloride	2	ND	J	ND		ND	J	ND	J	ND	J	ND		ND		ND	J	ND	
Xylenes, Total	5	ND	J	ND		ND	J	120	J	1.19	J	ND		ND		ND	J	ND	

Concentrations in micrograms per liter (ug/L) or parts per billion (ppb)
Highlighted denotes exceedance of NYSDEC TOGS 1.1.1 Water Quality Standard or Guidance Value
NL = Not Listed
ND = Non-detect above laboratory method detection limits
* = LCS or LCSD is outside acceptance limits.
J = Approximate value
F1 = MS and/or MSD Recovery is outside acceptance limits.
Analysis by USEPA Method 8260
Red font indicates a change made in the DUSR

Sample ID	NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance	MW2		MW5	
Screened Interval	Values	10-15		4-19	
Sample Date		10/3/2017		10/2/2017	
Biphenyl	NL	ND		ND	
bis (2-chloroisopropyl) ether	NL	ND		ND	
2,4,5-Trichlorophenol	1**	ND	*	ND	*
2,4,6-Trichlorophenol	1**	ND		ND	
2,4-Dichlorophenol	5	ND		ND	
2,4-Dimethylphenol	50**	ND		ND	
2,4-Dinitrophenol	10**	ND		ND	
2,4-Dinitrotoluene	5	ND		ND	
2,6-Dinitrotoluene	5	ND		ND	
2-Chloronaphthalene	10	ND		ND	
2-Chlorophenol	1	ND		ND	
2-Methylnaphthalene	NL	ND		ND	
2-Methylphenol	1	ND		ND	
2-Nitroaniline	5	ND		ND	
2-Nitrophenol	1	ND		ND	
3,3'-Dichlorobenzidine	5	ND	*	ND	*
3-Nitroaniline	5	ND	*	ND	*
4,6-Dinitro-2-methylphenol	1	ND		ND	
4-Bromophenyl phenyl ether	NL	ND		ND	
4-Chloro-3-methylphenol	1	ND		ND	
4-Chloroaniline	5	ND		ND	
4-Chlorophenyl phenyl ether	1	ND		ND	
4-Methylphenol	1	ND		0.82	J
4-Nitroaniline	5	ND	*	ND	*
4-Nitrophenol	1	ND		ND	
Acenaphthene	20	ND		ND	
Acenaphthylene	NL	ND		ND	
Acetophenone	NL	ND		ND	
Anthracene	50	ND		ND	
Atrazine	7.5	ND	*	ND	*
Benzaldehyde	NL	ND		ND	
Benzo(a)anthracene	0.002	ND		ND	
Benzo(a)pyrene	NL	ND		ND	
Benzo(b)fluoranthene	0.002	ND		ND	
Benzo(g,h,i)perylene	NL	ND		ND	
Benzo(k)fluoranthene	0.002	ND		ND	
Bis(2-chloroethoxy)methane	5	ND		ND	
Bis(2-chloroethyl)ether	1	ND		ND	
Bis(2-ethylhexyl) phthalate	5	ND		ND	
Butyl benzyl phthalate	50	ND		ND	
Caprolactam	NL	ND	J	ND	J
Carbazole	NL	ND	*	ND	*
Chrysene	0.002	ND		ND	
Di-n-butyl phthalate	50	ND		ND	
Di-n-octyl phthalate	50	ND		ND	
Dibenz(a,h)anthracene	NL	ND		ND	
Dibenzofuran	NL	ND		ND	
Diethyl phthalate	50	ND		ND	
Dimethyl phthalate	50	ND	*	ND	*
Fluoranthene	50	ND		ND	
Fluorene	50	ND		ND	
Hexachlorobenzene	0.04	ND		ND	
Hexachlorobutadiene	0.5	ND		ND	
Hexachlorocyclopentadiene	5	ND	J	ND	J
Hexachloroethane	5	ND		ND	
Indeno(1,2,3-cd)pyrene	0.002	ND		ND	
Isophorone	50	ND		ND	
N-Nitrosodi-n-propylamine	NL	ND		ND	
N-Nitrosodiphenylamine	50	ND		ND	
Naphthalene	10	ND		ND	
Nitrobenzene	0.4	ND		ND	
Pentachlorophenol	1	ND		ND	
Phenanthrene	50	ND		ND	
Phenol	1	ND		ND	
Pyrene	50	ND		ND	

Concentrations in micrograms per liter (ug/L) or parts per billion (ppb)
Highlighted denotes exceedance of NYSDEC TOGS 1.1.1 Water Quality Standard or Guidance Value
NL = Not Listed
ND = Non-detect above laboratory method detection limits
* = LCS or LCSD is outside acceptance limits.
J = Approximate value
Analysis by USEPA Method 8270
** indicates no standard; guidance value is listed
Red font indicates a change made in the DUSR

Former Luster-Coate
32 E Buffalo Street, Churchville NY
LaBella Project #2171500
Table 9 - Metals in Groundwater

Sample ID	NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values	LBA-MW2		LBA-MW3		LBA-MW4	
Screened Interval		10-15		9-24		9-19	
Sample Date		10/3/2017		10/3/2017		10/3/2017	
Aluminum	100**	ND		120	J	140	J
Antimony	3	ND		ND		ND	
Arsenic	25	ND		ND		ND	
Barium	1000	65		91		51	
Beryllium	3**	ND		ND		ND	
Cadmium	5	0.56	J	ND		ND	
Calcium	NL	106,000		63,400		100,000	
Chromium, trivalent	50	1.2	J	1.4	J	ND	
Cobalt	5**	ND		ND		ND	
Copper	200	ND		ND		ND	
Iron	300	28	J	86		160	
Lead	25	ND		ND		ND	
Magnesium	35,000**	33,100		27,300		32,700	
Manganese	300	22	B	21	B	8.7	B
Mercury	0.7	ND		ND		ND	
Nickel	100	ND		ND		ND	
Potassium	NL	1,500		2,800		1,700	
Selenium	10	ND		ND		ND	
Silver	50	ND		ND		ND	
Sodium	20,000	15,300		16,400		27,800	
Thallium	0.5**	ND		ND		ND	
Vanadium	NL	ND		1.7	J	ND	
Zinc	2,000**	ND		1.8	J B	2.8	J B
Cyanide	200						

Concentrations in micrograms per liter (ug/L) or parts per billion (ppb)
Highlighted denotes exceedance of NYSDEC TOGS 1.1.1 Water Quality Standard or Guidance Value
NL = Not Listed
ND = Non-detect above laboratory method detection limits
J = Approximate value
B = Compound was found in the blank and sample.
Analysis by USEPA Method 6010/7470
** indicates no standard; guidance value is listed
Red font indicates a change made in the DUSR

Former Luster-Coate
 32 E Buffalo Street, Churchville NY
 LaBella Project #2171500
 Table 10 - Pesticides in Groundwater

Sample ID	NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance	LBA-MW2
Screened Interval		10-15
Sample Date	Values	10/3/2017
4,4'-DDD	0.3	ND
4,4'-DDE	0.2	ND
4,4'-DDT	0.2	ND
Aldrin	Not detectable	ND
alpha-BHC	0.01	ND
alpha-Chlordane	0.05	ND
beta-BHC	0.04	ND
delta-BHC	0.04	ND
Dieldrin	0.04	ND
Endosulfan I	NL	ND
Endosulfan II	NL	ND
Endosulfan sulfate	NL	ND
Endrin	Not detectable	ND
Endrin aldehyde	5	ND
Endrin ketone	5	ND
gamma-BHC (Lindane)	0.05	ND
gamma-Chlordane	0.05	ND
Heptachlor	0.04	ND
Heptachlor epoxide	0.03	ND
Methoxychlor	35	ND
Toxaphene	0.06	ND

Concentrations in micrograms per liter (ug/L) or parts per billion (ppb)

Highlighted denotes exceedance of NYSDEC TOGS 1.1.1 Water Quality Standard or Guidance Value

NL = Not Listed

ND = Non-detect above laboratory method detection limits

J = Approximate value

F1 = MS and/or MSD Recovery is outside acceptance limits.

F2 = MS/MSD RPD exceeds control limits

Analysis by USEPA Method 8081

Red font indicates a change made in the DUSR

Former Luster-Coate
 32 E Buffalo Street, Churchville NY
 LaBella Project #2171500
 Table 11 - Polychlorinated Biphenyls (PCBs) in Groundwater

Sample ID	NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values	LBA-MW2	
Screened Interval		10-15	
Sample Date		10/3/2017	
PCB-1016	NL	ND	
PCB-1221		ND	
PCB-1232		ND	
PCB-1242		ND	
PCB-1248		ND	
PCB-1254		ND	
PCB-1260		ND	
Total PCBs	0.09	ND	

Concentrations in micrograms per liter (ug/L) or parts per billion (ppb)

Highlighted denotes exceedance of **NYSDEC TOGS 1.1.1 Water** Quality Standard or Guidance Value

NL = Not Listed

ND = Non-detect above laboratory method detection limits

J = Approximate value

Analysis by USEPA Method 8082

Red font indicates a change made in the DUSR

Former Luster-Coate
 32 E Buffalo Street, Churchville NY
 LaBella Project #2171500
 Table 12 - 1,4-Dioxane in Groundwater

Sample ID	NYSDEC TOGS 1.1.1 Ambient Water Quality	LBA-MW2	LBA-MW3	LBA-MW4	LBA-MW5
Screened Interval	Standards and Guidance Values	10-15	9-24	9-19	4-19
Sample Date		10/3/2017	10/3/2017	10/3/2017	10/2/2017
1,4-Dioxane	NL	0.45 B	0.26 JB	0.29 JB	0.27 JB

Concentrations in micrograms per liter (ug/L) or parts per billion (ppb)

Highlighted denotes exceedance of NYSDEC TOGS 1.1.1 Water Quality Standard or Guidance Value

NL = Not Listed

ND = Non-detect above laboratory method detection limits

J = Approximate value

B = Compound was found in the blank and sample.

Analysis by USEPA Method 8270 SIM

Red font indicates a change made in the DUSR

Former Luster-Coate
32 E Buffalo Street, Churchville NY
LaBella Project #2171500
Table 13 - Perfluoroalkyl Substances (PFAS) in Groundwater

Sample ID	NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values	LBA-MW2		LBA-MW3		LBA-MW4		LBA-MW5		Equipment Blank		Trip Blank	
Screened Interval		10-15		9-24		9-19		4-19		NA		NA	
Sample Date		9/28/2017		9/28/2017		9/28/2017		9/28/2017		9/28/2017		9/28/2017	
Perfluorobutanoic acid (PFBA)	NL	ND		3.7		ND		ND	J	0.49	J	ND	
Perfluoropentanoic acid (PFPeA)	NL	ND		1.2	J	ND		1.9		ND		ND	
Perfluorohexanoic acid (PFHxA)	NL	ND		1.3	J	ND		1.9		ND		ND	
Perfluoroheptanoic acid (PFHpA)	NL	ND		0.91	J	ND		1.4	J	ND		ND	
Perfluorooctanoic acid (PFOA)	NL	ND		1.9	J	1.8	J	2.4		ND		ND	
Perfluorononanoic acid (PFNA)	NL	ND		ND		16		ND		ND		ND	
Perfluorodecanoic acid (PFDA)	NL	ND		ND		1.1	J	ND		ND		ND	
Perfluoroundecanoic acid (PFUnA)	NL	0.91	J	0.76	J	8.7	J	ND		ND		ND	
Perfluorododecanoic acid (PFDoA)	NL	ND		ND		ND		ND		ND		ND	
Perfluorotridecanoic Acid (PFTriA)	NL	ND		0.56	J	ND		ND		ND		ND	
Perfluorotetradecanoic acid (PFTeA)	NL	ND		ND		ND		ND		ND		0.29	J B
Perfluorobutanesulfonic acid (PFBS)	NL	ND		ND		ND		3.4		ND		ND	
Perfluorohexanesulfonic acid (PFHxS)	NL	ND		ND		ND		1.2	J	ND		ND	
Perfluoroheptanesulfonic Acid (PFHpS)	NL	ND		ND		ND		ND		ND		ND	
Perfluorooctanesulfonic acid (PFOS)	NL	ND		ND		ND		3.5		ND		ND	
Perfluorodecanesulfonic acid (PFDS)	NL	ND		ND		ND		ND		ND		ND	
Perfluorooctane Sulfonamide (FOSA)	NL	R		R		R		R		ND	J	ND	
Total PFOA+PFOS	NL	ND		1.9		1.8		5.9		ND		ND	

Concentrations in nanograms per liter (ng/L) or parts per trillion (ppt)

NL = Not Listed

ND = Non-detect above laboratory method detection limits

J = Approximate value

B = Compound was found in the blank and sample.

Analysis by USEPA modified 537

Red font indicates a change made in the DUSR

Former Luster-Coate
32 E Buffalo Street, Churchville NY
LaBella Project #2171500
Table 14 - Volatile Organic Compounds (VOCs) in Soil Gas

Sample ID	LBA-SG2		LBA-SG3		LBA-SG4		LBA-SG5		Duplicate (LBA-SG3)	
Sample Date	10/2/2017		10/2/2017		10/2/2017		10/2/2017		10/2/2017	
1,1,1-Trichloroethane	< 0.82		< 0.82		< 0.82		< 0.82		< 0.82	
1,1,2,2-Tetrachloroethane	< 1.0	J	< 1.0		< 1.0	J	< 1.0	J	< 1.0	J
1,1,2-Trichloroethane	< 0.82		< 0.82		< 0.82		< 0.82		< 0.82	
1,1-Dichloroethane	< 0.61		< 0.61		< 0.61		< 0.61		< 0.61	
1,1-Dichloroethene	< 0.59		< 0.59		< 0.59		< 0.59		< 0.59	
1,2,4-Trichlorobenzene	< 1.1	J	< 1.1	J	< 1.1	J	< 1.1	J	< 1.1	J
1,2,4-Trimethylbenzene	7.6	J	4.7	J	5.9	J	4.9	J	4.4	J
1,2-Dibromoethane	< 1.2		< 1.2		< 1.2	J	< 1.2	J	< 1.2	J
1,2-Dichlorobenzene	< 0.90	J	< 0.90		< 0.90	J	< 0.90	J	< 0.90	J
1,2-Dichloroethane	< 0.61		< 0.61		< 0.61		< 0.61		< 0.61	
1,2-Dichloropropane	< 0.69		< 0.69		< 0.69		< 0.69		< 0.69	
1,3,5-Trimethylbenzene	2.6	J	1.9	J	2.2	J	1.7	J	1.8	J
1,3-butadiene	< 0.33		< 0.33		< 0.33		< 0.33		< 0.33	
1,3-Dichlorobenzene	< 0.90	J	< 0.90		< 0.90		< 0.90		< 0.90	
1,4-Dichlorobenzene	< 0.90	J	< 0.90		< 0.90	J	< 0.90	J	< 0.90	J
1,4-Dioxane	< 1.1		< 1.1		< 1.1		< 1.1		< 1.1	
2,2,4-trimethylpentane	< 0.70		< 0.70		< 0.70		< 0.70		< 0.70	
4-ethyltoluene	1.9	J	1.2		1.4	J	1.2	J	1.1	J
Acetone	600		140		870		460		180	
Allyl chloride	< 0.47		< 0.47		< 0.47		< 0.47		< 0.47	
Benzene	2.4		0.54		0.89		0.45	J	0.51	
Benzyl chloride	< 0.86	J	< 0.86		< 0.86	J	< 0.86	J	< 0.86	J
Bromodichloromethane	< 1.0		< 1.0		< 1.0		< 1.0		< 1.0	
Bromoform	< 1.6	J	< 1.6	J	< 1.6	J	< 1.6		< 1.6	J
Bromomethane	< 0.58		< 0.58		< 0.58		< 0.58		< 0.58	
Carbon disulfide	13		2.4		5.4		2.6		2.2	
Carbon tetrachloride	< 0.25		< 0.25		< 0.25		< 0.25		< 0.25	
Chlorobenzene	< 0.69		< 0.69		< 0.69	J	< 0.69	J	< 0.69	J
Chloroethane	< 0.40		< 0.40		< 0.40		< 0.40		< 0.40	
Chloroform	< 0.73		0.78		0.54		< 0.73		0.73	
Chloromethane	< 0.31		< 0.31		< 0.31		< 0.31		< 0.31	
cis-1,2-Dichloroethene	< 0.59		< 0.59		< 0.59		< 0.59		< 0.59	
cis-1,3-Dichloropropene	< 0.68		< 0.68		< 0.68		< 0.68		< 0.68	
Cyclohexane	< 0.52		1.3	J	1.3		0.52		1.1	
Dibromochloromethane	< 1.3	J	< 1.3		< 1.3	J	< 1.3	J	< 1.3	J
Ethyl acetate	< 0.54		< 0.54		1.2		< 0.54		< 0.54	
Ethylbenzene	2.3	J	1.8		1.5	J	1.3	J	1.7	J
Freon 11	0.73	J	3.6		5.4		2.2		3.3	
Freon 113	< 1.1		< 1.1		< 1.1		< 1.1		< 1.1	
Freon 114	< 1.0		< 1.0		< 1.0		< 1.0		< 1.0	
Freon 12	2.1		2.3	J	2.4		2.2		2.2	
Heptane	5.7		3.0		3.9		1.4		2.5	
Hexachloro-1,3-butadiene	< 1.6	J	< 1.6		< 1.6	J	< 1.6	J	< 1.6	J
Hexane	< 0.53		< 0.53		< 0.53		< 0.53		1.1	
Isopropyl alcohol	40		28		21		13		19	
m&p-Xylene	5.0	J	6.2	J	3.5	J	3.3		5.9	J
Methyl Butyl Ketone	2.6	J	1.2	J	1.6	J	1.3	J	1.1	J
Methyl Ethyl Ketone	21	J	3.7	J	7.2	J	4.2	J	3.6	J
Methyl Isobutyl Ketone	1.1	J	0.49	J	0.78	J	0.86	J	0.45	J
Methyl tert-butyl ether	< 0.54		< 0.54		< 0.54		< 0.54		< 0.54	
Methylene chloride	1.4		1.6	J	1.7		2.0		2.4	
o-Xylene	2.2	J	2.7	J	1.6	J	1.6		2.6	J
Propylene	< 0.26		< 0.26		< 0.26		< 0.26		< 0.26	
Styrene	1.4	J	0.81		1.1	J	0.81		0.77	J
Tetrachloroethylene	1.9		2.9		< 1.0	J	3.2	J	2.7	J
Tetrahydrofuran	< 0.44		0.56	J	1.3		1.0		< 0.44	
Toluene	35		17	J	17		13		17	
trans-1,2-Dichloroethene	< 0.59		< 0.59		< 0.59		< 0.59		< 0.59	
trans-1,3-Dichloropropene	< 0.68		< 0.68		< 0.68		< 0.68		< 0.68	
Trichloroethene	< 0.21		< 0.21		1.0		< 0.21		< 0.21	
Vinyl acetate	< 0.53		< 0.53		< 0.53		< 0.53		< 0.53	
Vinyl Bromide	< 0.66		< 0.66		< 0.66		< 0.66		< 0.66	
Vinyl chloride	0.36		< 0.10		< 0.10		< 0.10		< 0.10	

Concentrations in micrograms per cubic meter (ug/m³)
NL = Not Listed
< indicates not detected above quantitation limit
J = Approximate value
Analysis by USEPA Method TO-15
Red font indicates a change made in the DUSR

Former Luster-Coate
 32 E Buffalo Street, Churchville NY
 LaBella Project #2171500
 Table 15 - Monitoring Well Locations

	GROUND ELEVATION			GROUNDWATER ELEVATION	
	X	Y	Z	SWL October 2017	Groundwater Elevation October 2017
Groundwater Samples					
LBA-MW1	1335658.0454	1132039.4599	573.8	4.65	569.2
LBA-MW2	1335982.5917	1132456.8407	585.6	14.33	571.3
LBA-MW3	1335749.1375	1132406.8748	584.2	16.73	567.5
LBA-MW4	1335732.2187	1132352.0008	584.2	14.56	569.6
LBA-MW5	1335870.8232	1132142.5382	582.9	10.05	572.9

Elevations in feet above mean sea level (fmsl) (NAVD 88 datum)

Locations collected using a Carlson S320 GPS

Elevation of monitoring well from top of casing

Former Luster-Coate
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Table 16 - Soil Gas/ Soil Boring/ Concrete Sample Locations

	GROUND ELEVATION		
	X	Y	Z
Soil Gas Samples			
LBA-SG1	1335726.8075	1132072.9435	576.5
LBA-SG2	1335863.8177	1132126.4336	583.4
LBA-SG3	1335845.9092	1132295.4398	584.1
LBA-SG4	1335967.9844	1132367.8198	582.2
LBA-SG5	1336016.9719	1132389.2373	585.2
Soil Samples			
LBA-GP1	1335912.0855	1132554.6117	579.0
LBA-GP2	1335861.4731	1132467.8462	580.0
LBA-GP3	1335899.2936	1132391.7088	582.5
LBA-GP4	1335823.9415	1132337.6685	583.6
LBA-GP5	1335794.9753	1132258.6878	584.4
LBA-GP6	1335630.7512	1132115.6300	573.0
LBA-GP7	1335581.3828	1132006.7179	571.7
LBA-GP11	1335834.0171	1132240.8942	584.3
LBA-GP12	1335852.9470	1132186.3503	583.1
LBA-GP13	1335890.8273	1132088.8713	583.1
SB1	1335670.0268	1132290.5430	--
SB2	1335673.5569	1132300.2653	--
SB3	1335676.3925	1132310.6241	--
SB4	1335666.6703	1132312.8231	--
SB5	1335655.3519	1132315.0325	572.9
SB6	1335645.9964	1132314.8195	579.3
SB7	1335666.7285	1132279.9231	580.9
SB8	1335664.1993	1132269.9615	579.6
SB9	1335674.5140	1132269.1179	580.7
SB10	1335676.0327	1132279.0274	581.2
SB11	1335658.9166	1132255.8826	579.2
SB12	1335655.0971	1132244.1465	579.2
SB13	1335639.0359	1132237.8375	571.4
SB14	1335636.9047	1132229.6234	574.0
SB15	1335627.3828	1132230.8467	571.4
SB16	1335617.2487	1132231.3943	570.6
SB17	1335619.7487	1132240.6006	571.0
SB18	1335623.0852	1132250.2697	572.0
SB19	1335626.2217	1132260.3247	571.3
SB20	1335629.5188	1132269.6097	571.8
SB21	1335632.9892	1132278.2093	576.4
SB22	1335635.4406	1132287.7520	577.3
SB23	1335639.1805	1132297.4229	578.5
SB24	1335641.9786	1132306.1809	578.6
SB25	1335649.1680	1132327.0484	571.7
SB26	1335658.4559	1132324.4397	572.7
SB27	1335668.0269	1132322.7362	577.2
SB28	1335677.4775	1132319.6680	579.0

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Table 16 - Soil Gas/ Soil Boring/ Concrete Sample Locations

	GROUND ELEVATION		
	X	Y	Z
SB29	1335614.2424	1132221.0098	570.3
SB30	1335625.2665	1132220.8263	570.9
SB31	1335634.4246	1132221.2298	572.9
SB32	1335740.6119	1132481.1230	575.7
SB33	1335730.7426	1132482.7652	574.5
SB34	1335721.5713	1132485.0269	573.6
SB35	1335757.9939	1132535.1577	580.4
SB36	1335763.4030	1132544.0166	581.6
SB37	1335798.0973	1132529.8038	574.6
SB38	1335727.4165	1132474.1810	574.0
SB39	1335723.7689	1132465.1914	574.5
SB40	1335718.7783	1132455.6435	574.1
SB41	1335711.1123	1132460.2656	573.4
SB42	1335631.9372	1132211.4892	--
SB43	1335622.2497	1132211.6976	--
SB44	1335611.5553	1132211.5239	--
SB45	1335629.4720	1132201.6628	--
SB46	1335619.4720	1132201.2462	--
SB47	1335609.4720	1132201.0726	--
SB48	1335660.9990	1132334.4667	--
SB49	1335671.0685	1132332.1518	--
SB50	1335680.3856	1132328.9690	--
SB51	1335714.0010	1132469.3914	--
SB52	1335718.1243	1132477.7826	--
SB53	1335748.3616	1132538.6912	--
SB54	1335625.8833	1132289.6750	--
SB55	1335619.6333	1132271.0407	--
SB56	1335614.8826	1132239.8328	--
SB-57	1335606.6558	1132233.6709	--
SB-58	1335599.4372	1132200.8642	--
SB60	1335753.6234	1132545.9132	576.1
SB61	1335696.9184	1132376.8169	572.8
SB62	1335687.5377	1132380.2279	571.6
SB63	1335636.6950	1132229.5102	--
SB64	1335625.9335	1132263.3208	568.3
SB65	1335797.3088	1132284.6326	582.2
SB100	1335620.1768	1132154.4235	572.5
SB101	1335610.0726	1132154.5761	572.4
SB102	1335599.1108	1132154.1702	571.8
SB103	1335590.0466	1132154.5532	570.3
SB104	1335622.7426	1132164.5490	572.7
SB105	1335612.0214	1132164.2200	572.6
SB106	1335601.3828	1132163.7023	572.0
SB107	1335593.0055	1132162.9192	571.1
SB108	1335664.6209	1132171.9604	574.7

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Table 16 - Soil Gas/ Soil Boring/ Concrete Sample Locations

	GROUND ELEVATION		
	X	Y	Z
SB109	1335654.3550	1132172.7339	574.2
SB110	1335644.2059	1132173.1051	573.8
SB111	1335634.2792	1132173.3522	573.3
SB112	1335625.0249	1132174.2728	572.9
SB113	1335614.8449	1132174.0327	572.5
SB115	1335594.6916	1132173.1850	571.6
SB114	1335604.4550	1132173.9786	572.2
SB116	1335665.8349	1132180.3435	576.7
SB117	1335656.5013	1132181.1727	576.0
SB118	1335646.7565	1132182.2598	574.8
SB119	1335636.7808	1132183.3159	573.6
SB120	1335627.2793	1132183.4900	572.9
SB121	1335617.2604	1132183.9539	572.4
SB122	1335606.9651	1132183.6632	572.2
SB123	1335598.2578	1132184.0039	570.3
SB132	1335600.4730	1132193.8144	571.3
SB126	1335657.9777	1132190.5999	578.0
SB125	1335670.3044	1132189.8302	579.2
SB127	1335648.5299	1132190.9828	576.9
SB128	1335638.6501	1132191.2690	575.1
SB129	1335629.1231	1132191.8044	573.0
SB130	1335618.5228	1132193.0992	571.9
SB131	1335609.9920	1132194.5106	571.9
SB133	1335660.4403	1132199.5341	580.9
SB134	1335650.6753	1132199.6046	579.5
SB135	1335641.0446	1132199.8695	577.0
SB136	1335630.8567	1132200.4892	573.7
SB137	1335619.0283	1132201.6976	571.6
SB138	1335610.0667	1132201.9712	571.5
SB141	1335621.9185	1132210.9285	571.4
SB142	1335613.3251	1132210.9780	571.2
SB144	1335634.3320	1132220.1753	573.6
SB145	1335623.9588	1132220.8001	571.4
SB146	1335615.1486	1132221.5030	570.5
SB148	1335636.4589	1132230.2516	573.2
SB149	1335626.1485	1132230.4288	571.4
SB150	1335616.7300	1132231.5625	570.1
SB151	1335609.7248	1132231.3613	567.0
SB152	1335639.5415	1132239.8197	573.5
SB153	1335629.1326	1132240.0129	571.5
SB154	1335620.3067	1132241.0450	570.3
SB156	1335651.6285	1132246.4287	574.5
SB157	1335642.1024	1132248.7254	573.7
SB158	1335632.4427	1132250.0728	572.1
SB159	1335623.2801	1132250.1326	570.6

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Table 16 - Soil Gas/ Soil Boring/ Concrete Sample Locations

	GROUND ELEVATION		
	X	Y	Z
SB161	1335653.3354	1132255.8073	575.5
SB162	1335645.1627	1132258.4846	572.1
SB163	1335638.0529	1132258.6128	569.6
SB164	1335628.3789	1132259.4794	568.6
SB166	1335655.7358	1132269.3114	576.0
SB167	1335647.3340	1132266.0015	573.8
SB168	1335637.7987	1132268.6395	571.8
SB169	1335628.9379	1132270.2452	571.0
SB171	1335681.3708	1132263.4584	575.0
SB172	1335665.8460	1132269.6026	578.3
SB173	1335659.6587	1132274.4986	577.4
SB174	1335650.7617	1132276.8123	573.7
SB175	1335640.6404	1132277.5333	572.5
SB176	1335631.1695	1132280.2145	571.6
SB177	1335682.9400	1132277.5744	580.2
SB178	1335673.8543	1132281.4558	580.7
SB179	1335664.6403	1132285.1227	578.7
SB180	1335653.7299	1132286.6637	573.4
SB181	1335644.2050	1132289.4473	572.5
SB182	1335635.2733	1132291.2150	572.0
SB184	1335677.6535	1132292.0257	580.6
SB185	1335667.7907	1132295.8135	578.8
SB186	1335656.2763	1132298.4776	574.1
SB187	1335648.0269	1132300.8539	573.0
SB188	1335639.6865	1132302.5420	572.5
SB194	1335641.7340	1132312.3247	572.6
SB193	1335650.7225	1132309.1060	572.5
SB192	1335659.7758	1132310.0905	573.9
SB198	1335670.1672	1132315.9550	577.8
SB191	1335673.5246	1132303.2525	580.4
SB190	1335679.6857	1132302.4235	579.3
SB196	1335685.9055	1132313.2849	579.6
SB197	1335678.7075	1132314.3158	578.7
SB201	1335679.7328	1132323.4485	576.7
SB202	1335670.7048	1132326.2793	575.7
SB199	1335658.1788	1132317.6269	572.1
SB200	1335646.9844	1132320.4077	569.8
SB203	1335660.0743	1132327.9282	572.7
SB204	1335651.3759	1132329.7579	570.9
SB205	1335682.8030	1132332.5032	576.0
SB206	1335673.2521	1132336.4528	582.1
SB207	1335662.9016	1132338.1134	573.5
SB208	1335684.9709	1132341.5743	582.1
SB209	1335674.5542	1132344.6125	582.1
SB210	1335665.9605	1132347.3903	582.1

Former Luster-Coate
 32 E Buffalo Street, Churchville NY
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 Table 16 - Soil Gas/ Soil Boring/ Concrete Sample Locations

	GROUND ELEVATION		
	X	Y	Z
Concrete Samples			
CS-01	1335789.0160	1132493.4631	--
CS-02	1335767.9388	1132302.6120	582.4
CS-03	1335769.9188	1132425.0603	582.4
CS-04	1335882.7344	1132590.6007	584.2
CS-06	1335965.8640	1132443.0522	583.5
CS-05	1335918.9815	1132466.4600	580.8
CS-07	1335880.4425	1132329.7846	582.0
CS-08	1335737.9744	1132445.8937	--
CS-09	1335698.3910	1132327.1437	--

Elevations in feet above mean sea level (fmsl) (NAVD 88 datum)

Locations collected using a Carlson S320 GPS

-- indicates location was not collected using a GPS. X and Y coordinates calculated in GIS. No elevation collected.

Former Luster-Coate
32 E Buffalo Street, Churchville NY
LaBella Project #2171500
Table 17 - Polychlorinated Biphenyls (PCBs) in Shallow Soils
Collected by LaBella 2017-2018
Concentrations in milligrams per kilogram (mg/kg) or parts per million (ppm)

Location	units	Depth					Supplemental Location
		0-1	1-2	2-3	3-4	4-5	
LBA-GP1	mg/Kg	0.47					
LBA-GP11	mg/Kg	51.0	ND	ND	ND	ND	
LBA-GP12	mg/Kg	140.0	0.0992	0.254	0.0226	0.0203	
LBA-GP13	mg/Kg	14.0					
LBA-GP2	mg/Kg	ND					
LBA-GP3	mg/Kg	--	ND				
LBA-GP4	mg/Kg	--	ND				
LBA-GP5	mg/Kg	--	ND				
LBA-GP6	mg/Kg	--	0.8				
LBA-GP7	mg/Kg	ND					
LBA-SB11	mg/Kg	3.56		4.55			
LBA-SB27	mg/Kg	5.43					
LBA-SB32 (Preliminary)	mg/Kg	4.78	10.0				
LBA-SB33 (Preliminary)	mg/Kg	2.61	7.8				
LBA-SB34 (Preliminary)	mg/Kg	0.056					
LBA-SB35 (Preliminary)	mg/Kg	1.64					
LBA-SB36 (Preliminary)	mg/Kg	0.22					
LBA-SB37	mg/Kg	0.406					
LBA-SB38	mg/Kg	5.01	27.0	1.43	11.3	12.4	
LBA-SB39	mg/Kg	0.51					
LBA-SB40	mg/Kg	0.497					
LBA-SB41	mg/Kg	0.036					
LBA-SB51	mg/Kg	1.2	10.4				
LBA-SB52	mg/Kg	2.6	4.6				
LBA-SB53	mg/Kg	13.0	0.35				
LBA-SB54	mg/Kg	9.3	56.0				
LBA-SB55	mg/Kg	42.0	150.0	120.0			
LBA-SB56	mg/Kg	110.0	19.0				
LBA-SB57	mg/kg	66.0	33.0				
LBA-SB58	mg/kg	0.17					
LBA-SB59	mg/kg	Sample ID Not Utilized					
SB-60	mg/kg	1.34	10.6	5.72	0.104	0.0705	
SB-61	mg/kg	0.241	0.23	0.199	0.0339	0.0372	
SB-62	mg/kg	0.461	0.22	0.34	0.034	0.00588	
SB-63	mg/kg	0.779	0.148	0.142	0.0342	0.0392	
SB-64	mg/kg	8.61	0.861	35.3	8.82	0.14	
SB-65	mg/kg	3.69	0.286	0.034	0.0348	0.0339	
SB-114	mg/kg	ND	ND	0.453			
SB-115	mg/kg	0.109	0.0538	1.8			
SB-120	mg/kg	0.106					
SB-121	mg/kg	0.0366	ND	0.167	0.0334		
SB-122	mg/kg	0.0155	0.0342	0.220			
SB-123	mg/kg			1.130	3.080		
SB-127	mg/kg	0.068	ND	ND			
SB-128	mg/kg	0.531	0.0672	0.0101			
SB-128 Duplicate 6	mg/kg			0.0534			
SB-129	mg/kg	1.25	0.0753	0.00627	ND		
SB-130	mg/kg	1.86	0.824	9.47	1.05	0.0120	
SB-131	mg/kg	0.0863	0.176	0.0409	0.0326	0.0326	
SB-132	mg/kg	0.318	0.1310	1.13	0.0352		
SB-133	mg/kg	0.079	ND	0.00596			
SB-134 Duplicate	mg/Kg			0.053			
SB-134	mg/Kg	1.86	4.0	1.66	0.0271		
SB-135	mg/Kg	0.0584	0.209	0.0391			
SB-136	mg/Kg			0.094			
SB-137	mg/Kg	0.95	ND	0.355	0.142	0.268	LBA-SB46
SB-138	mg/Kg	0.41	0.0830	4.64	83.4	2.930	LBA-SB47
SB-139		Inaccessible - sharp stream bank angle					
SB-140		inaccessible - hill grade					
SB-141	mg/Kg	0.78	0.49	0.0757	0.0221	ND	LBA-SB43
SB-142	mg/Kg	0.53	0.47	0.787	64.5	1.37	LBA-SB44
SB-144	mg/Kg	7.97	16.7	8.72	43.400	1.07	LBA-SB31 (Preliminary)
SB-145	mg/Kg	0.344		0.0229		ND	LBA-SB30 (Preliminary)
SB-145 Duplicate 9	mg/Kg			0.017			
SB-146	mg/Kg	7.94		2.19	0.03060	ND	LBA-SB29 (Preliminary)
SB-147		Inaccessible - sharp stream bank angle					
SB-148	mg/Kg	19.0		8.4		0.122	LBA-SB14 (Preliminary)
SB-149	mg/Kg	0.395		0.513		0.00742	LBA-SB15 (Preliminary)
SB-150	mg/Kg	3.25		2.69			LBA-SB16 (Preliminary)
SB-150 Duplicate 10	mg/Kg			0.973			
SB-151		Inaccessible - sharp stream bank angle					
SB-152		165.0	31.7	0.132	0.0449	0.0078	LBA-SB13 (Preliminary)
SB-153	mg/Kg			45.1	0.132		
SB-154	mg/Kg	1.47		5.76	0.102		LBA-SB17 (Preliminary)
SB-155		Inaccessible - sharp stream bank angle					
SB-156	mg/Kg	94.3		0.21			LBA-SB12
SB-157	mg/Kg			1.9	0.155		
SB-158	mg/Kg			71.2	0.0916		
SB-159	mg/Kg	2.47		15.8	1.090	0.0482	LBA-SB18 (Preliminary)
SB-160		Inaccessible - sharp stream bank angle					
SB-161	mg/Kg			4.55	0.0397		

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Table 17 - Polychlorinated Biphenyls (PCBs) in Shallow Soils
Collected by LaBella 2017-2018
Concentrations in milligrams per kilogram (mg/kg) or parts per million (ppm)

Location	units	Depth					Supplemental Location
		0-1	1-2	2-3	3-4	4-5	
SB-162	mg/Kg			220.0	33.60	68.4	
SB-163	mg/Kg			<u>1.53</u>	0.0471		
SB-164	mg/Kg	<u>3.22</u>		<u>6.02</u>	129	<u>0.132</u>	LBA-SB19 (Preliminary)
SB-165		Inaccessible - sharp stream bank angle					
SB-166	mg/Kg			0.752			
SB-167	mg/Kg			<u>17.9</u>	<u>16.2</u>	<u>10.600</u>	
SB-168	mg/Kg			27.2	25.8	<u>24.700</u>	
SB-169	mg/Kg	<u>19.5</u>		<u>21.2</u>	104	64.400	LBA-SB20 (Preliminary)
SB-170		Inaccessible - sharp stream bank angle					
SB-171	mg/Kg	0.975		ND			LBA-SB09
SB-172	mg/Kg	<u>2.34</u>		0.295			LBA-SB08
SB-173	mg/Kg			0.7850			
SB-173 Duplicate 13	mg/Kg			0.408			
SB-174	mg/Kg			27.3	<u>12</u>	<u>9.180</u>	
SB-175	mg/Kg			<u>7.08</u>	0.0392		
SB-176	mg/Kg	0.478		0.0296			LBA-SB21
SB-177	mg/Kg			ND			
SB-178	mg/Kg	0.16		2.42	ND		LBA-SB10
SB-179	mg/Kg	0.0787		<u>20.6</u>	<u>14.600</u>	<u>6.190</u>	LBA-SB07
SB-180	mg/Kg			<u>4.74</u>	<u>23.500</u>	<u>10.100</u>	
SB-180 Duplicate 14	mg/Kg				<u>14.100</u>		
SB-181	mg/Kg			<u>2.01</u>	0.0648		
SB-182	mg/Kg	<u>1.27</u>	0.401	0.197			LBA-SB22
SB-183		Inaccessible - sharp stream bank angle					
SB-184	mg/Kg			ND	0.00517		
SB-185	mg/Kg	0.296		<u>3.13</u>	53.80	0.066	LBA-SB01
SB-185 Duplicate 16	mg/Kg				33.10		
SB-186	mg/Kg			<u>2.26</u>	<u>10.60</u>	<u>2.980</u>	
SB-187	mg/Kg			ND			
SB-188	mg/Kg	0.524		0.0157			LBA-SB23
SB-189		Inaccessible - sharp stream bank angle					
SB-190	mg/Kg			0.0246	0.0362		
SB-191	mg/Kg	0.0866		<u>19.9</u>	637	0.0516	LBA-SB02
SB-192	mg/Kg			0.0139			
SB-193	mg/Kg			<u>0.229</u>			
SB-193 Duplicate 15	mg/Kg			<u>1.2</u>			
SB-194	mg/Kg	0.095		0.109			LBA-SB24
SB-195		Inaccessible - sharp stream bank angle					
SB-196		Refusal on concrete @ 2.5'					
SB-197	mg/Kg	0.293		0.00953	0.0215		LBA-SB03
SB-198	mg/Kg	<u>3.51</u>		<u>12.8</u>	<u>5.52</u>	<u>1.380</u>	LBA-SB04
SB-199	mg/Kg	<u>1.44</u>		<u>1.81</u>	ND		LBA-SB05
SB-200	mg/Kg	0.064		0.0396			LBA-SB06
SB-201	mg/Kg	ND		0.0852	0.023		LBA-SB28 (Preliminary)
SB-202		Inaccessible - ground hornets' nest					
SB-203	mg/Kg	0.03		0.111			LBA-SB26
SB-204	mg/Kg	0.109		<u>8.29</u>	<u>18.3</u>	0.323	LBA-SB25
SB-205	mg/Kg			0.663			
SB-206	mg/Kg		0.294	0.0997			
SB-207	mg/Kg	0.86	<u>1.4</u>	<u>1.56</u>	0.0329		LBA-SB48
SB-208	mg/Kg		ND	0.0112			
SB-209	mg/Kg		0.0994	0.0572			
SB-210	mg/Kg	0.0241	2.2700				

Bold Denotes Concentration Exceeds the NYSDEC Part 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs) (0.1 ppm).
Underline Denotes Concentration Exceeds the NYSDEC Part 375-6 Restricted Residential SCOs (1 ppm).
Orange Highlight Denotes Concentration Exceeds 40 CFR 761.61(a)(4)(B)(2) for Low-Occupancy Area Signage (25 ppm).
Red Highlight Denotes Concentration Exceeds the NYSDEC Characteristic Hazardous Waste Criteria (50 ppm).

Former Luster-Coate

32 E Buffalo Street, Churchville NY

LaBella Project #2171500

Table 17 - Polychlorinated Biphenyls (PCBs) in Shallow Soils

Collected by LaBella 2017-2018

Concentrations in milligrams per kilogram (mg/kg) or parts per million (ppm)

Location	units	Depth	
		0-2"	
CS-01	mg/Kg	0.102	U
CS-02	mg/Kg	432	
CS-03	mg/Kg	0.191	J
CS-04	mg/Kg	0.0491	J
CS-05	mg/Kg	0.0156	J
CS-06	mg/Kg	0.0158	J
CS-07	mg/Kg	0.0111	J
CS-08	mg/Kg	<u>4.17</u>	
CS-09	mg/Kg	0.873	

Notes:

U - Denotes not detected above the reported laboratory detection limit shown.

J - Denotes concentrations is estimated.

Denotes Concentration Exceeds the NYSDEC Part 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs)

Denotes Concentration Exceeds the NYSDEC Part 375-6 Restricted Residential SCOs.

Yellow Highlight Denotes Concentration Exceeds the NYSDEC Characteristic Hazardous Waste Criteria

USEPA Self Implementing Plan
Luster Coate
34 E. Buffalo Street, Churchville, New York
Results in Milligrams per Kilogram (mg/Kg) or Parts per Million (ppm)
Data provided by Terracon Consultants (12/14/2016)

Parameter / Sample ID	6 NYCRR Subpart 375.6 Remedial Program Soil Cleanup Objectives:		Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.
			EPA-1-A1	EPA-1-A2	EPA-1-A3	EPA-1-B1	EPA-1-B2	EPA-1-B3	EPA-1-C1	EPA-1-C2	EPA-1-C3
	Unrestricted Use	Protection of Public Health - Restricted Residential	Northwestern Portion of the Site								
PCB-1016 (Aroclor 1016)	Totals only, see below	Totals only, see below	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221 (Aroclor 1221)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232 (Aroclor 1232)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242 (Aroclor 1242)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248 (Aroclor 1248)			0.333 J	2.57	1.58	ND	0.712	14.7	ND	15.4	7.11
PCB-1254 (Aroclor 1254)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260 (Aroclor 1260)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1262 (Aroclor 1262)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1268 (Aroclor 1268)			ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Concentration by Depth	0.10	1.00	0.333	2.57	1.58	ND	0.712	14.7	ND	15.4	7.11

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
BD = Blind Duplicate
NS = Not Sampled
ND = Non Detect
Underline exceed NYSDEC Part 375-6 Unrestricted Residential Soil Cleanup Objectives

Bold exceed Restricted Residential
Highlighted exceed USEPA Hazardous Waste guidance values

USEPA Self Implementing Plan
Luster Coate
34 E. Buffalo Street, Churchville, New York
Results in Milligrams per Kilogram (mg/Kg) or Parts per Million (ppm)
Data provided by Terracon Consultants (12/14/2016)

Parameter / Sample ID	6 NYCRR Subpart 375.6 Remedial Program Soil Cleanup Objectives:		Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.
			EPA-2-A1	EPA-2-A2	EPA-2-A3	EPA-2-B1	EPA-2-B2	EPA-2-B3	EPA-2-C1	EPA-2-C2	EPA-2-C3
	Unrestricted Use	Protection of Public Health - Restricted Residential	Western Central Portion of the Site								
PCB-1016 (Aroclor 1016)	Totals only, see below	Totals only, see below	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221 (Aroclor 1221)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232 (Aroclor 1232)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242 (Aroclor 1242)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248 (Aroclor 1248)			ND	8.63	ND	1.69	7.74	ND	1.63	14.8	ND
PCB-1254 (Aroclor 1254)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260 (Aroclor 1260)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1262 (Aroclor 1262)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1268 (Aroclor 1268)			ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Concentration by Depth	0.10	1.00	ND	8.63	ND	1.69	7.74	ND	1.63	14.8	ND

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
BD = Blind Duplicate
NS = Not Sampled
ND = Non Detect
Underline exceed NYSDEC Part 375-6 Unrestricted Residential Soil Cleanup Objectives

Bold exceed Restricted Residential
Highlighted exceed USEPA Hazardous Waste guidance values

USEPA Self Implementing Plan
Luster Coate
34 E. Buffalo Street, Churchville, New York
Results in Milligrams per Kilogram (mg/Kg) or Parts per Million (ppm)
Data provided by Terracon Consultants (12/14/2016)

Parameter / Sample ID	6 NYCRR Subpart 375.6 Remedial Program Soil Cleanup Objectives:		Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.
			EPA-3-A1	EPA-3-A2	EPA-3-A3	EPA-3-B1	EPA-3-B2	EPA-3-B3	EPA-3-C1	EPA-3-C2	EPA-3-C3
	Unrestricted Use	Protection of Public Health - Restricted Residential	Southwestern Portion of the Site								
PCB-1016 (Aroclor 1016)	Totals only, see below	Totals only, see below	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221 (Aroclor 1221)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232 (Aroclor 1232)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242 (Aroclor 1242)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248 (Aroclor 1248)			0.768	7.25	9.5	0.733	7.42	28	1.78	1.34	13.5
PCB-1254 (Aroclor 1254)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260 (Aroclor 1260)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1262 (Aroclor 1262)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1268 (Aroclor 1268)			ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Concentration by Depth	0.10	1.00	0.768	7.25	9.5	0.733	7.42	28	1.78	1.34	13.5

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
BD = Blind Duplicate
NS = Not Sampled
ND = Non Detect
Underline exceed NYSDEC Part 375-6 Unrestricted Residential Soil Cleanup Objectives

Bold exceed Restricted Residential
Highlighted exceed USEPA Hazardous Waste guidance values

USEPA Self Implementing Plan
Luster Coate
34 E. Buffalo Street, Churchville, New York
Results in Milligrams per Kilogram (mg/Kg) or Parts per Million (ppm)
Data provided by Terracon Consultants (12/28/2016)

Parameter / Sample ID	6 NYCRR Subpart 375.6 Remedial Program Soil Cleanup Objectives:		Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.
			PSA1-A1	PSA1-B1	PSA1-C1	PSA2-A1	PSA2-B1	PSA2-C1	PSA2-D1	PSA2-E1	PSA2-F1
			Northern Portion of the Site			Northwestern Portion of the Site					
	Unrestricted Use	Protection of Public	0"-2"	0"-2"	0"-2"	0"-2"	0"-2"	0"-2"	0"-2"	0"-2"	0"-2"
PCB-1016 (Aroclor 1016)	Totals only, see below	Totals only, see below	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221 (Aroclor 1221)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232 (Aroclor 1232)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242 (Aroclor 1242)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248 (Aroclor 1248)			ND	ND	ND	0.433	ND	ND	2.19	3.37	2.55
PCB-1254 (Aroclor 1254)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260 (Aroclor 1260)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1262 (Aroclor 1262)			ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1268 (Aroclor 1268)			ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Concentration by Depth	0.10	1.00	ND	ND	ND	0.433	ND	ND	2.19	3.37	2.55

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
BD = Blind Duplicate
NS = Not Sampled
ND = Non Detect
Underline exceed NYSDEC Part 375-6 Unrestricted Residential Soil Cleanup Objectives

Bold exceed Restricted Residential
Highlighted exceed USEPA Hazardous Waste guidance values

USEPA Self Implementing Plan

Luster Coate

34 E. Buffalo Street, Churchville, New York

Results in Milligrams per Kilogram (mg/Kg) or Parts per Million (ppm)

Data provided by Terracon Consultants (12/28/2016)

Parameter / Sample ID	6 NYCRR Subpart 375.6 Remedial Program Soil Cleanup Objectives:		Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.
			PSA3-A1	PSA3-B1	PSA3-C1	PSA4-A1	PSA4-B1	PSA4-C1	PSA4-D1	PSA4-E1	PSA4-F1	PSA4-G1	PSA4-H1	PSA4-I1
			Western Central Portion of the Site			Southwestern Portion of the Site								
	Unrestricted Use	Protection of Public	0"-2"	0"-2"	0"-2"	0"-2"	0"-2"	0"-2"	0"-2"	0"-2"	0"-2"	0"-2"	0"-2"	0"-2"
PCB-1016 (Aroclor 1016)	Totals only, see below	Totals only, see below	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221 (Aroclor 1221)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232 (Aroclor 1232)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242 (Aroclor 1242)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248 (Aroclor 1248)			1.3	1.63	0.787	16.1	20.7	98.9	6.04	5.3	11.6	1.59	2	1.73
PCB-1254 (Aroclor 1254)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260 (Aroclor 1260)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1262 (Aroclor 1262)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1268 (Aroclor 1268)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Concentration by Depth	0.10	1.00	1.3	1.63	0.787	16.1	20.7	98.9	6.04	5.3	11.6	1.59	2	1.73

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

BD = Blind Duplicate

NS = Not Sampled

ND = Non Detect

Underline exceed NYSDEC Part 375-6 Unrestricted Residential Soil Cleanup Objectives

Bold exceed Restricted Residential

Highlighted exceed USEPA Hazardous Waste guidance values

USEPA Self Implementing Plan
Luster Coate
34 E. Buffalo Street, Churchville, New York
Results in Milligrams per Kilogram (mg/Kg) or Parts per Million (ppm)
Data provided by Terracon Consultants (1/19/2017)

Parameter / Sample ID	6 NYCRR Subpart 375.6 Remedial Program Soil Cleanup Objectives:		Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.	Sample ID No.
			PSA2-D2	PSA2-E2	PSA2-F2	PSA3-A2	PSA3-B2	PSA3-C2	PSA4-D2	PSA4-E2	PSA4-F2	PSA4-G2	PSA4-H2	PSA4-I2
			Northwestern Portion of the Site			Western Central Portion of the Site			Southwestern Portion of the Site					
	Unrestricted Use	Protection of Public Health - Restricted Residential	2"-12"	2"-12"	2"-12"	2"-12"	2"-12"	2"-12"	2"-12"	2"-12"	2"-12"	2"-12"	2"-12"	2"-12"
PCB-1016 (Aroclor 1016)	Totals only, see below	Totals only, see below	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221 (Aroclor 1221)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232 (Aroclor 1232)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242 (Aroclor 1242)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248 (Aroclor 1248)			1.07	3.09	2.79	0.865	0.783	0.477	1.35	2.94	6.91	1.15	2.06	1.77
PCB-1254 (Aroclor 1254)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260 (Aroclor 1260)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1262 (Aroclor 1262)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1268 (Aroclor 1268)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Concentration by Depth	0.10	1.00	<u>1.07</u>	<u>3.09</u>	<u>2.79</u>	<u>0.865</u>	<u>0.783</u>	<u>0.477</u>	<u>1.35</u>	<u>2.94</u>	<u>6.91</u>	<u>1.15</u>	<u>2.06</u>	<u>1.77</u>

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
BD = Blind Duplicate
NS = Not Sampled
ND = Non Detect
Underline exceed NYSDEC Part 375-6 Unrestricted Residential Soil Cleanup Objectives
Bold exceed Restricted Residential
Highlighted exceed USEPA Hazardous Waste guidance values



FIELD LOGS

 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANT			PROJECT Former Luster Coate Site - Remedial Investigation 32 E. Buffalo St Churchville, NY			Boring: LBA-GP1 SHEET 1 OF 1 JOB: 2171500 CHKD BY:		
CONTRACTOR: LaBella Environmental LLC DRILLER: Mike Windrel Jr. LABELLA REPRESENTATIVE: E. Detweiler			BORING LOCATION: see map START DATE: 8/28/17					
TYPE OF DRILL RIG: Geoprobe 6620DT AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push			DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: 1.8-Inch ID OTHER:					
DEPTH (FEET)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN PPM (depth : ppm)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)					
0				0-0.5 ft: asphalt with cmf angular Gravel (asphalt base), trace glass, dry				
1	10"	1 - voc @ 1-1.5' svoc/pcb @ 1.5-2'		at 0.5 ft: dark brown SILT, little f Sand, moist, FILL	0.5' : 0.6 1' : 3.2 1.5' : 1.8			
2					2' : 1.6 2.5' : 2.8			
3				Total Depth = 2.5 feet bgs				
4								
5								
6								
7								
8								
			DEPTH (FT)			NOTES: drilled second boring to get enough volume for soil sample		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER	ND = Non Detect		
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED	BGS = Below the Ground Surface		
			NA	2.5 ft bgs	no	NA = Not Applicable		
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BORING: LBA-GP1								

 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANT			PROJECT Former Luster Coate Site - Remedial Investigation 32 E. Buffalo St Churchville, NY			Boring: LBA-GP2 SHEET 1 OF 1 JOB: 2171500 CHKD BY:		
CONTRACTOR: LaBella Environmental LLC DRILLER: Mike Windrel Jr. LABELLA REPRESENTATIVE: E. Detweiler			BORING LOCATION: see map START DATE: 8/28/17					
TYPE OF DRILL RIG: Geoprobe 6620DT AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push			DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: 1.8-Inch ID OTHER:					
DEPTH (FEET)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN PPM (depth : ppm)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)					
0				0-0.5 ft: asphalt with cmf angular Gravel (asphalt base), dry				
1	18"	1 - voc @ 1-2' svoc/pcb @ 0.5-2.5'		at 0.5 ft: dark brown SILT, some f Sand, little cmf Gravel, moist, fill	0-2.5': 0			
2				at 2 ft: orange-brown f SAND, some Silt, moist, fill				
3				Total Depth = 2.5 feet bgs				
4								
5								
6								
7								
8								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect		
DATE	TIME	ELAPSED TIME				BGS = Below the Ground Surface		
			NA	2.5 ft bgs	no	NA = Not Applicable		
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BORING: LBA-GP2								

 LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANT			PROJECT Former Luster Coate Site - Remedial Investigation 32 E. Buffalo St Churchville, NY			Boring: LBA-GP3 SHEET 1 OF 1 JOB: 2171500 CHKD BY:					
CONTRACTOR: LaBella Environmental LLC BORING LOCATION: see map DRILLER: Mike Windrel Jr. LABELLA REPRESENTATIVE: E. Detweiler START DATE: 8/28/17											
TYPE OF DRILL RIG: Geoprobe 6620DT DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: NA INSIDE DIAMETER: 1.8-Inch ID OVERBURDEN SAMPLING METHOD: Direct Push OTHER:											
DEPTH (FEET)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN PPM (depth : ppm)	REMARKS					
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)								
0				0-0.5 ft: asphalt with cmf angular Gravel (asphalt base), dry							
1	30"	1 - voc @ 1-1.25' svoc/pcb @ 1.25-2.5'		at 0.5 ft: concrete and cmf SAND fill	0.5': 0 0.75': 0.2						
				at 1 ft: orange-brown SILT, some f Sand, trace cmf Gravel, moist	1': 0						
				at 1.5 ft: orange-brown f SAND, some Silt, moist, fill	1.5': 0						
2					2': 0 2.5': 0.1						
3				Total Depth = 2.5 feet bgs							
4											
5											
6											
7											
8											
			DEPTH (FT)			NOTES:					
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect					
DATE	TIME	ELAPSED TIME				BGS = Below the Ground Surface					
			NA	2.5 ft bgs	no	NA = Not Applicable					
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER											
BORING: LBA-GP3											

 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANT			PROJECT Former Luster Coate Site - Remedial Investigation 32 E. Buffalo St Churchville, NY			Boring: LBA-GP4 SHEET 1 OF 1 JOB: 2171500 CHKD BY:		
CONTRACTOR: LaBella Environmental LLC DRILLER: Mike Windrel Jr. LABELLA REPRESENTATIVE: E. Detweiler			BORING LOCATION: see map START DATE: 8/28/17					
TYPE OF DRILL RIG: Geoprobe 6620DT AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push			DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: 1.8-Inch ID OTHER:					
DEPTH (FEET)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN PPM (depth : ppm)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)					
0				0-0.3 ft: asphalt with cmf angular Gravel (asphalt base), dry at 0.3 ft: grey to light brown SILT, mf Sand and mf Gravel mix, dry, fill				
1	30"	1 - voc @ 0.8' svoc/pcb @ 1.0-1.75'		at 0.75 ft: 1" thick black cinder lense at 0.8 ft: orange-brown f SAND, some Silt, trace f Gravel, moist, fill	0.5': 0 0.75': 0.1 1': 0			
2				at 1.75 ft: as above with large dolostone-type rock fragments	1.5': 0 1.75': 0.1 2': 0 2.5': 0			
3				Total Depth = 2.5 feet bgs				
4								
5								
6								
7								
8								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect		
DATE	TIME	ELAPSED TIME				BGS = Below the Ground Surface		
			NA	2.5 ft bgs	no	NA = Not Applicable		
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BORING: LBA-GP4								

 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANT			PROJECT Former Luster Coate Site - Remedial Investigation 32 E. Buffalo St Churchville, NY			Boring: LBA-GP5 SHEET 1 OF 1 JOB: 2171500 CHKD BY:		
CONTRACTOR: LaBella Environmental LLC DRILLER: Mike Windrel Jr. LABELLA REPRESENTATIVE: E. Detweiler			BORING LOCATION: see map START DATE: 8/28/17					
TYPE OF DRILL RIG: Geoprobe 6620DT AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push			DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: 1.8-Inch ID OTHER:					
DEPTH (FEET)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN PPM (depth : ppm)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)					
0				0-0.3 ft: asphalt with cmf angular Gravel (asphalt base), dry at 0.3 ft: grey to light brown SILT, mf Sand and mf Gravel mix, dry, fill	0.5': 0 0.75': 0.3			
1	24"	1 - voc @ 0.5-0.75' svoc/pcb @ 1-2'		at 0.75 ft: 2" thick black cinder lense, fill at 0.9 ft: light brown f SAND, little Silt, little f Gravel, moist, fill	1': 0 1.5': 0			
2					2': 0 2.5': 0			
3				Total Depth = 2.5 feet bgs				
4								
5								
6								
7								
8								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER	ND = Non Detect		
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED	BGS = Below the Ground Surface		
			NA	2.5 ft bgs	no	NA = Not Applicable		
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BORING: LBA-GP5								

 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANT			PROJECT Former Luster Coate Site - Remedial Investigation 32 E. Buffalo St Churchville, NY			Boring: LBA-GP11 SHEET 1 OF 1 JOB: 2171500 CHKD BY:		
CONTRACTOR: LaBella Environmental LLC DRILLER: Mike Windrel Jr. LABELLA REPRESENTATIVE: E. Detweiler			BORING LOCATION: see map START DATE: 8/28/17					
TYPE OF DRILL RIG: Geoprobe 6620DT AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push			DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: 1.8-Inch ID OTHER:					
DEPTH (FEET)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN PPM (depth : ppm)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)					
0				0-0.3 ft: asphalt with cmf angular Gravel (asphalt base), dry at 0.3 ft: grey to light brown SILT, mf Sand and mf Gravel mix, dry, fill	0.5': 0			
1	32"	1 - voc @ 0-2" below roots svoc/pcb @ 0-2"	0.25	at 0.75 ft: 1" thick black cinder lense at 0.8 ft: orange-brown f SAND, some Silt, trace f Gravel, moist, fill	1': 0			
		2- voc @ 1.5' svoc/pcb @ 1.5'		at 1.8 ft: orange-brown f SAND, some Silt, little f Gravel, moist	1.5': 0.6			
2			1.8		1.75': 0 2': 0			
					2.5': 0			
3				Total Depth = 2.5 feet bgs				
4								
5								
6								
7								
8								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER	ND = Non Detect		
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED	BGS = Below the Ground Surface		
			NA	2.5 ft bgs	no	NA = Not Applicable		
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BORING: LBA-GP11								

 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANT			PROJECT Former Luster Coate Site - Remedial Investigation 32 E. Buffalo St Churchville, NY			Boring: LBA-GP12 SHEET 1 OF 1 JOB: 2171500 CHKD BY:		
CONTRACTOR: LaBella Environmental LLC DRILLER: Mike Windrel Jr. LABELLA REPRESENTATIVE: E. Detweiler			BORING LOCATION: see map START DATE: 8/28/17					
TYPE OF DRILL RIG: Geoprobe 6620DT AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push			DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: 1.8-Inch ID OTHER:					
DEPTH (FEET)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN PPM (depth : ppm)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)					
0	25"	1 - voc @ 0-2" below roots svoc/pcb @ 0-2" 2- voc @ 2-12" svoc/pcb @ 2-12"		0-0.3 ft: dark brown topsoil over SILT, Sand, Gravel, moist at 0.5 ft: black cinders, brown Silt, little f Gravel, moist	0.5': 0			
1			0.5		1': 0			
2			1.5	at 1.5 ft: rust-brown SILT, some f Sand. Little mf Gravel, moist	1.5': 0 1.75': 0 2': 0			
3				Total Depth = 2.5 feet bgs				
4								
5								
6								
7								
8								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	ND = Non Detect BGS = Below the Ground Surface NA = Not Applicable		
DATE	TIME	ELAPSED TIME	NA	2.5 ft bgs	no			
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
						BORING: LBA-GP12		

 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANT			PROJECT Former Luster Coate Site - Remedial Investigation 32 E. Buffalo St Churchville, NY			Boring: LBA-GP13 SHEET 1 OF 1 JOB: 2171500 CHKD BY:		
CONTRACTOR: LaBella Environmental LLC DRILLER: Mike Windrel Jr. LABELLA REPRESENTATIVE: E. Detweiler			BORING LOCATION: see map START DATE: 8/28/17					
TYPE OF DRILL RIG: Geoprobe 6620DT AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push			DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: 1.8-Inch ID OTHER:					
DEPTH (FEET)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN PPM (depth : ppm)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)					
0	24"	1 - voc @ 0-2" below roots svoc/pcb @ 0-2" 2- voc @ 2-12" svoc/pcb @ 2-12"		0-0.2 ft: dark brown topsoil, root bed, moist at 0.2 ft: light brown SILT, some cmf Gravel, little f Sand (fill)	0.2': 1.9			
1			0.5	at 0.75 ft: as above with 3-inch cinder layer (fill) then as above	0.5': 0.1			
			1.5		1': 0			
2					1.5': 0 1.75': 0 2': 0			
3				Total Depth = 2.0 feet bgs				
4								
5								
6								
7								
8								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER	ND = Non Detect		
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED	BGS = Below the Ground Surface		
			NA	2.0 ft bgs	no	NA = Not Applicable		
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
						BORING: LBA-GP13		

 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Luster Coate Site #C828113 - Remedial Investigation 32 East Buffalo St., Churchville, NY			BORING: LBA-MW2 SHEET 1 OF 2 JOB: 2171500 CHKD BY: DATE: 8/30/2017	
CONTRACTOR: LaBella Env. LLC			BORING LOCATION: see map			TIME: TO	
DRILLER: Mike Windrel Jr.			GROUND SURFACE ELEVATION NA			DATUM: NA	
LABELLA REPRESENTATIVE: E. Detweiler			START DATE: 8/30/17			END DATE: 8/30/17	
WEATHER:							
TYPE OF DRILL RIG: Geoprobe 6620DT						DRIVE SAMPLER TYPE: 5 ft Macrocore	
AUGER SIZE AND TYPE: NA - 4" dual tube for well install						INSIDE DIAMETER: 2"	
OVERBURDEN SAMPLING METHOD: Direct Push						OTHER:	
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION		PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)				
0	37"			at 0 ft: dark brown topsoil (silt), moist		0-5 ft: 0	no evidence of impairment
1			0.25	at 0.25 ft: light brown f SAND, little Silt, little cmf Gravel, moist			
2							
3							
4							
5	24"	1- VOC at 6.5 ft other param = 5-9'				6 ft: 0.6 7 ft: 0.1 8-10 ft: 0	
6							
7							
8							
9							
10	44"	2-VOC at 11 ft other param= 10-12'		at 11 ft; as above but saturated (running sand)		10-15 ft: 0	
11							
12							
13							
14							
15	25"					15-20 ft: 0	
16							
17							
18							
19							
20							
			DEPTH (FT)			NOTES: Collect VOC soil samples at 6.5 and 11'; other parameters from 5-9 ft & 10-12 ft No evidence of impairment; install well LBA-MW2 with 4" dual tubes; can't get tubes beyond 15 ft bgs (refusal); screen=15-5'; sandpack 15-3';; bentonite 3'-grade	
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED		
DATE	TIME	ELAPSED TIME					
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded NA = Not Applicable some = 20 - 35% M = Medium A = Angular little = 10 - 20% F = Fine SR = Subrounded trace = 1 - 10% VF = Very Fine SA = Subangular							
						BORING: LBA-MW2	

 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Luster Coate Site #C828113 - Remedial Investigation 32 East Buffalo St., Churchville, NY			BORING: LBA-MW2 SHEET 2 OF 2 JOB: 2171500 CHKD BY: DATE: 8/30/2017	
CONTRACTOR: LaBella Env. LLC			BORING LOCATION: see map			TIME: TO	
DRILLER: Mike Windrel Jr.			GROUND SURFACE ELEVATION NA			DATUM: NA	
LABELLA REPRESENTATIVE: E. Detweiler			START DATE: 8/30/17			END DATE: 8/30/17	
WEATHER:							
TYPE OF DRILL RIG: Geoprobe 6620DT					DRIVE SAMPLER TYPE: 5 ft Macrocore		
AUGER SIZE AND TYPE: NA - 4" dual tube for well install					INSIDE DIAMETER: 2"		
OVERBURDEN SAMPLING METHOD: Direct Push					OTHER:		
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS	
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)				
20	10"			as above			
21					20-21.3: 0		
22				Total Depth = 21.3 ft bgs (refusal)			
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
30							
			DEPTH (FT)			NOTES: Collect VOC soil samples at 6.5 and 11'; other parameters from 5-9 ft & 10-12 ft No evidence of impairment; install well LBA-MW2 with 4" dual tubes; can't get tubes beyond 15 ft bgs (refusal); screen=15-5'; sandpack 15-3';; bentonite 3'-grade	
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED		
DATE	TIME	ELAPSED TIME					
			21 ft	21.3 ft	11 ft		
GENERAL NOTES							
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.							
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER							
BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded							
NA = Not Applicable some = 20 - 35% M = Medium A = Angular							
little = 10 - 20% F = Fine SR = Subrounded							
trace = 1 - 10% VF = Very Fine SA = Subangular							
						BORING: LBA-MW2	

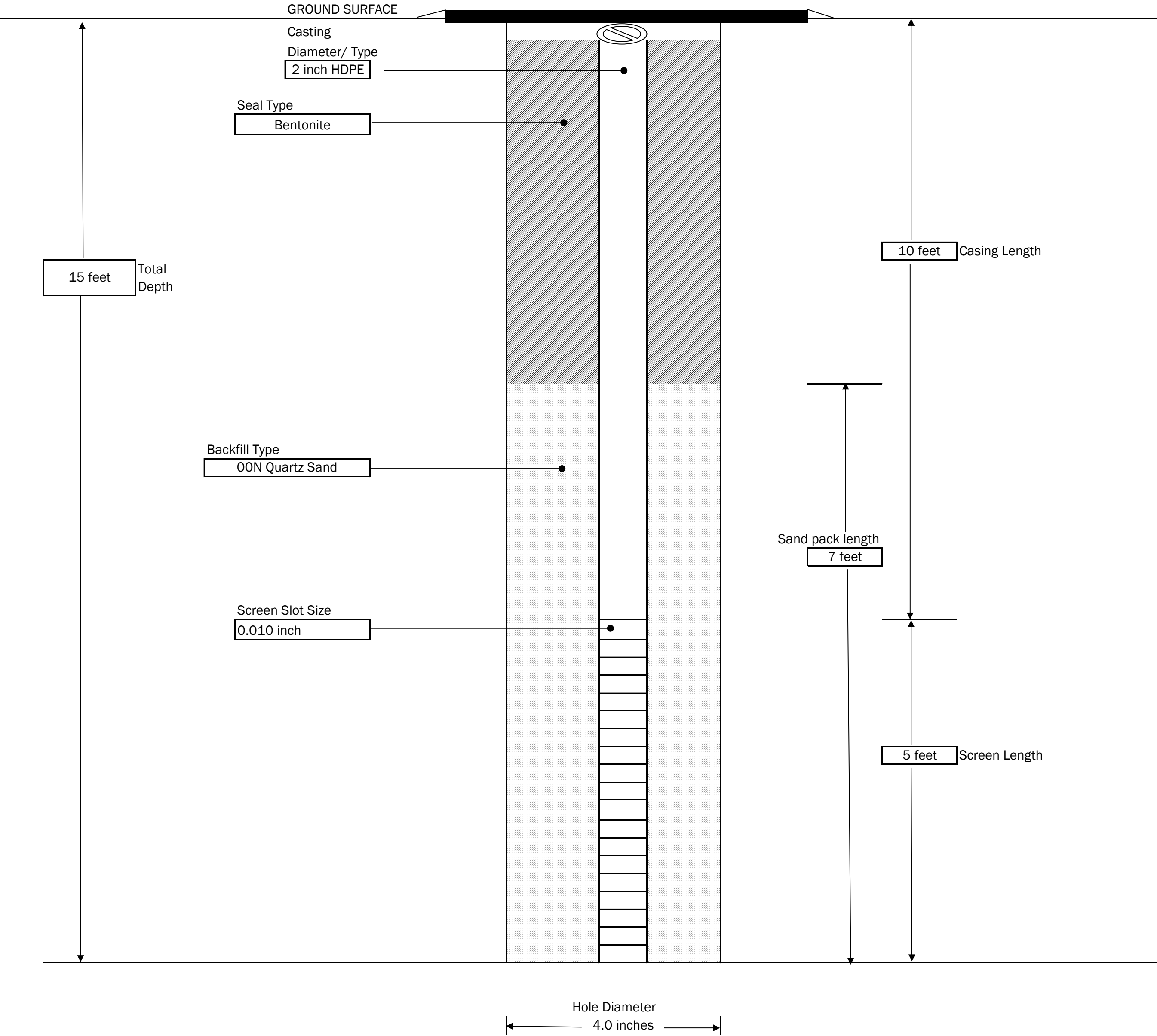
LaBella Powered by partnership. 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Luster Coate Site #C828113 - Remedial Investigation 32 East Buffalo St., Churchville, NY				BORING: LBA-MW3 SHEET 1 OF 2 JOB: 2171500 CHKD BY: DATE: 9/6/2017	
CONTRACTOR: LaBella Env. LLC & Nothnagle Drilling		BORING LOCATION: see map		TIME: TO				
DRILLER: Mike Windrel Jr. / Steve Lorante		GROUND SURFACE ELEVATION NA		DATUM: NA				
LABELLA REPRESENTATIVE: E. Detweiler		START DATE: 8/30/17		END DATE: 9/6/17				
				WEATHER:				
TYPE OF DRILL RIG: Geoprobe 6620DT & CME 85				DRIVE SAMPLER TYPE: 5 ft Macrocore (geoprobe) & 2 ft split spoon (CME rig)				
AUGER SIZE AND TYPE: 4.25" HSA (CME rig)				INSIDE DIAMETER: 2"				
OVERBURDEN SAMPLING METHOD: Direct Push / 140 lb auto-hammer				OTHER:				
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	25"			0-0.3 ft: concrete slab	0-5 ft: 0			
1				at 0.3 ft: orange-brown SILT and cmf Sand, some cmf Gravel, dry (fill)				
2								
3								
4								
5	41"	1- VOC at 10.5 ft other param=10-11'		at 5 ft: grey-brown cmf SAND and cmf Gravel, dry (fill)	5-9 ft: 0	no evidence of impairment		
6				at 6 ft: light brown f SAND, some Silt, little cmf Gravel, moist				
7								
8								
9								
10				at 10 ft: black-brown silty f SAND, some cmf Gravel, moist (fill)				
11				at 11 ft: light brown f SAND, little Silt, little cmf Gravel, moist (native)				
12								
13								
14								
15	32"			at 13.5 ft: as above but wet	13 ft: 0			
16				at 14.5 ft: as above but moist				
17				at 16 ft: as above but wet				
18				at 16.5 ft: luight brown f SAND, some Silt, trace cmf Gravel (SA), moist				
19	24"				15.5 ft: 0.6 16 ft: 0	collect MS/MSD		
20				32"				17 ft: 0
	↓				18 ft: 0			
					19 ft: 0			
			DEPTH (FT)			NOTES: Collect VOC soil samples at 10.5'; other parameters from 10-11 ft Construct well; screen=24-9', sandpack=24-7', bentonite=7-5', grout=5'-grade No evidence of impairment other than low-level PID readings		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
				24.0 ft	13.5 ft			
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded NA = Not Applicable some = 20 - 35% M = Medium A = Angular little = 10 - 20% F = Fine SR = Subrounded trace = 1 - 10% VF = Very Fine SA = Subangular								
						BORING: LBA-MW3		

LaBella Powered by partnership. 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Luster Coate Site #C828113 - Remedial Investigation 32 East Buffalo St., Churchville, NY				BORING: LBA-MW3 SHEET 2 OF 2 JOB: 2171500 CHKD BY: DATE: 9/6/2017	
CONTRACTOR: Nothnagle Drilling Co.			BORING LOCATION: see map			TIME: TO		
DRILLER: Steve Lorante			GROUND SURFACE ELEVATION NA			DATUM: NA		
LABELLA REPRESENTATIVE: E. Detweiler			START DATE: 8/30/17			END DATE: 9/6/17		
WEATHER:								
TYPE OF DRILL RIG: CME 85						DRIVE SAMPLER TYPE: 2-ft split spoon		
AUGER SIZE AND TYPE: 4.25-inch HSA						INSIDE DIAMETER: 2"		
OVERBURDEN SAMPLING METHOD: 140-lb autohammer						OTHER:		
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
20	32"			as above	20-21.3: 0			
21								
22								
23	24"							
24								
25				Total Depth = 24 ft bgs				
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
30								
			DEPTH (FT)			NOTES: Collect VOC soil samples at 10.5'; other parameters from 10-11 ft Construct well; screen=24-9', sandpack=24-7', bentonite=7-5', grout=5'-grade No evidence of impairment other than low-level PID readings		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
			24 ft	24 ft	13.5 ft			
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded NA = Not Applicable some = 20 - 35% M = Medium A = Angular little = 10 - 20% F = Fine SR = Subrounded trace = 1 - 10% VF = Very Fine SA = Subangular								
						BORING: LBA-MW3		

LaBella Powered by partnership. 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Luster Coate Site #C828113 - Remedial Investigation 32 East Buffalo St., Churchville, NY				BORING: LBA-MW4 SHEET 1 OF 1 JOB: 2171500 CHKD BY: DATE: 9/6/2017	
CONTRACTOR: Nothnagle Drilling Co.			BORING LOCATION: see map			TIME: TO		
DRILLER: Steve Lorante			GROUND SURFACE ELEVATION NA			DATUM: NA		
LABELLA REPRESENTATIVE: E. Detweiler			START DATE: 9/6/17			END DATE: 9/6/17		
WEATHER:								
TYPE OF DRILL RIG: Geoprobe 6620DT & CME 85						DRIVE SAMPLER TYPE: 2 ft split spoon		
AUGER SIZE AND TYPE: 4.25" HSA (CME rig)						INSIDE DIAMETER: 2"		
OVERBURDEN SAMPLING METHOD: Direct Push / 140 lb auto-hammer						OTHER:		
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	12"	1 - VOC at 6 ft other param = 4-8'		0-0.5 ft: concrete slab	0-4 ft: 0			
1				at 0.5 ft: grey-brown cmf SAND and cmf Gravel, little Silt, dry (fill)				
2				at 1 ft: orange-brown SILT and mf Sand, little mf Gravel, with roots, moist				
3								
4	13"	1 - VOC at 6 ft other param = 4-8'			5 ft: 0			
5					6 ft: 0.6			
6					7 ft: 0			
7					8 ft: 0.8			
8	28"	2- VOC at 9 ft other param= 8.5-10.5'	8.5	at approx. 6 ft pushed stone/cobble in shoe = limited recovery	9 ft: 3.9	no evidence impairment		
9				at 8.5 ft: light brown f SAND, little Silt, little cmf Gravel, moist	9.5 ft: 2.6			
10					10 ft: 1.0			
11					10.5 ft: 1.5			
12	0"			at 11.5 ft: pushed through cobble(?) 3" stone in spoon	11 ft: 0.7			
13				at 12 ft: pushed rock in shoe, no recovery	11.5 ft: 0.3			
14					12 ft: 0			
15					13 ft: ?			
16	30"		14	at 14 ft: brown cmf SAND, little mf Gravel, moist to wet	14 ft: 0.2			
17				at 14.75 ft: light brown f SAND, some Silt, little mf Gravel, wet	15 ft: 0			
18				at 15 ft: very dense (>50 blow counts/0.5 ft)	16 ft: 0			
19				at 16 ft: as above but f SAND and Silt, moist	17 ft: 0			
20	22"		17	at 17 ft: light brown SILT and f Sand, trace Clay (1" lenses), little cmf Gravel, saturated	18 ft: 0			
21					19 ft: 0			
Total Depth = 19 ft bgs (sampling refusal but not auger refusal)								
WATER LEVEL DATA			DEPTH (FT)			NOTES: Collect VOC soil samples at 6 ft & 9 ft; other parameters from 4-8 ft & 8.5-10.5 ft Construct well; screen=19-9', sandpack=19-7', bentonite=7-5', grout=5'-grade No evidence of impairment other than low-level PID readings		
			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
			19 ft	19.0 ft	14.75 ft			
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded								
NA = Not Applicable some = 20 - 35% M = Medium A = Angular								
little = 10 - 20% F = Fine SR = Subrounded								
trace = 1 - 10% VF = Very Fine SA = Subangular								
						BORING: LBA-MW4		

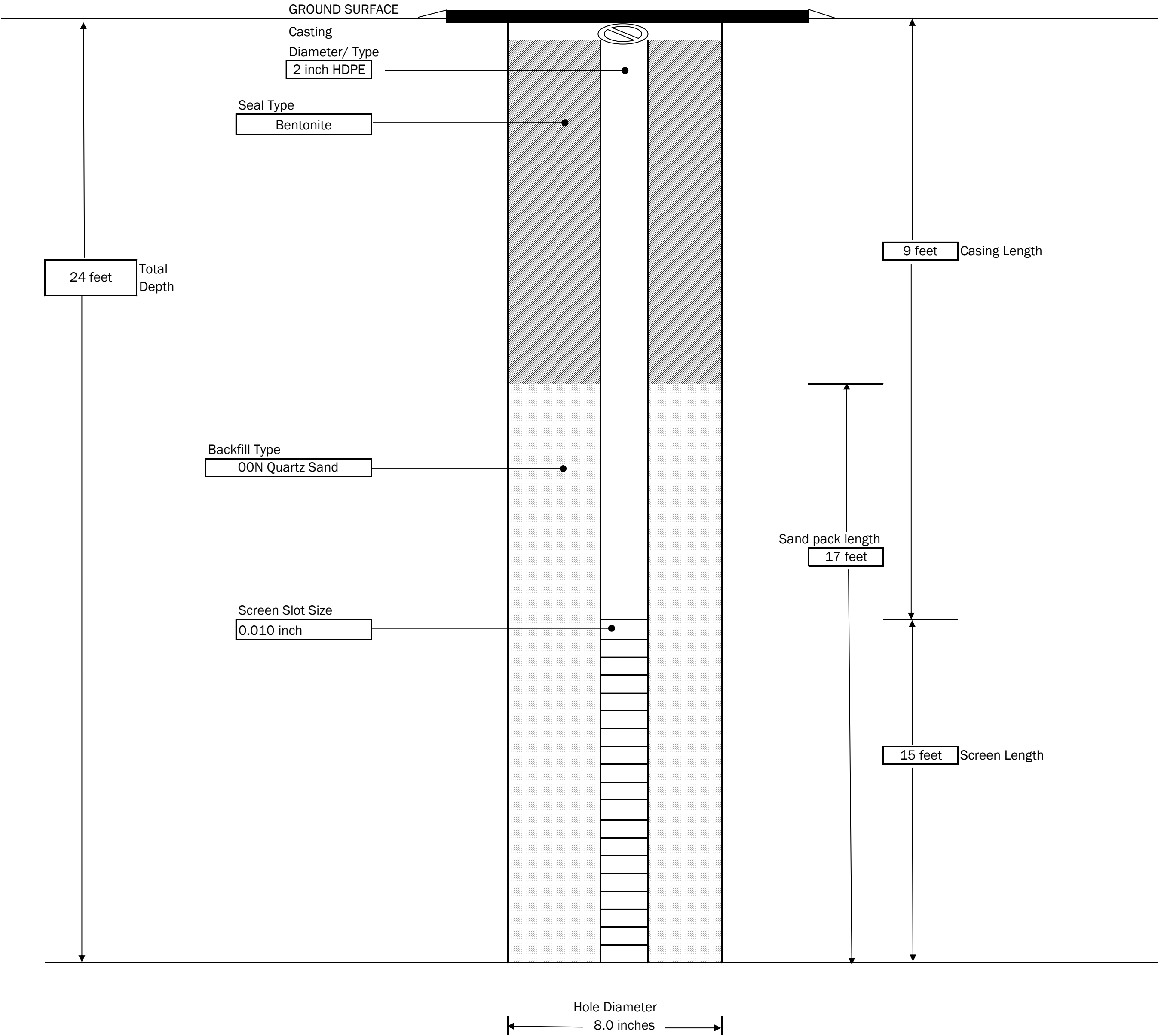
LaBella Powered by partnership. 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Luster Coate Site #C828113 - Remedial Investigation 32 East Buffalo St., Churchville, NY				BORING: LBA-MW5 SHEET 1 OF 1 JOB: 2171500 CHKD BY: DATE: 9/6/2017	
CONTRACTOR: Nothnagle Drilling Co.			BORING LOCATION: see map			TIME: TO		
DRILLER: Steve Lorante			GROUND SURFACE ELEVATION NA			DATUM: NA		
LABELLA REPRESENTATIVE: E. Detweiler			START DATE: 9/5/17			END DATE: 9/5/17		
WEATHER:								
TYPE OF DRILL RIG: Geoprobe 6620DT & CME 85						DRIVE SAMPLER TYPE: 2 ft split spoon		
AUGER SIZE AND TYPE: 4.25" HSA (CME rig)						INSIDE DIAMETER: 2"		
OVERBURDEN SAMPLING METHOD: Direct Push / 140 lb auto-hammer						OTHER:		
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)					
0	30"			0-0.25 ft: dark brown topsoil	0-4 ft: 0			
1			0.5	at 0.25 ft: medium brown SILT, trace f Sand, moist (fill) at 0.5 ft: medium brown f SAND, trace Silt, moist (fill)				
2			1.25	at 1.25 ft: dark brown SILT, trace f Sand, moist (fill) at 1.75 ft: as above with some black cinders, brick (fill)				
3								
4								
5								
6	25"		4.25	at 4.25 ft: light brown f SAND, little to some Silt, little cmf Gravel, moist	5 ft: 0.4			
7				6 ft: 0				
8				7 ft: 0				
9	31"				8 ft: 0.8			
10					9 ft: 1.0 9.5 ft: 23.3 10 ft: 363			
11					11 ft: 11.1 11.5 ft: 15.2 12 ft: 7.1			
12	40"	1 - VOC at 12.75' other param= 12-13 ft		at 9.5 ft: as above but wet; faint odor at 10 ft: 1" thick lense of dark grey discoloration at 12.5 ft: noticeable odor but no discoloration	12.75': 1200 13 ft: 445	discoloration (1" thick) 12.5' = 775 ppm		
13					14 ft: 141.3			
14					15 ft: 85.7 15.5 ft: 75.7 16 ft: 12.2			
15	0"				17 ft: 12.5			
16					18 ft: 2.7			
17					19 ft: 0.1			
18	32"							
19								
20								
Total Depth = 19 ft bgs (sampling refusal but not auger refusal)								
WATER LEVEL DATA			DEPTH (FT)			NOTES: Collect VOC soil sample at 12.75 ft; other parameters from 12-13 ft Construct well; screen=19-4', sandpack=19-3', bentonite=3-1', sand to grade Evidence of impairment at 10 ft and 12-18 ft bgs		
			BOTTOM OF	BOTTOM OF	GROUNDWATER			
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED			
#####	9:00	17 hrs	19	19.0 ft	11 ft			
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER BGS = Below Ground Surface and = 35 - 50% C = Coarse R = Rounded NA = Not Applicable some = 20 - 35% M = Medium A = Angular little = 10 - 20% F = Fine SR = Subrounded trace = 1 - 10% VF = Very Fine SA = Subangular								
						BORING: LBA-MW5		

LaBella Powered by partnership. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT				MONITORING WELL : LBA-MW2	
	Former Luster Coate Site #C828113 32 East Buffalo St., Churchville, NY				SHEET 1 OF 1	
					JOB # 2171500	
CONTRACTOR: LaBella Environmental LLC	BORING LOCATION: LBA-MW2				TYPE OF DRILL RIG: Geoprobe 6620	
DRILLER: Mike Windrel Jr.	GROUND SURFACE ELEVATION: NA		DATUM: NA		AUGER SIZE AND TYPE: NA- 4" Dual Tubes	
LABELLA REPRESENTATIVE: E. Detweiler	START DATE: 8/30/2017	END DATE: 8/30/2017		OVERBURDEN SAMPLING METHOD: 5' Macrocore		



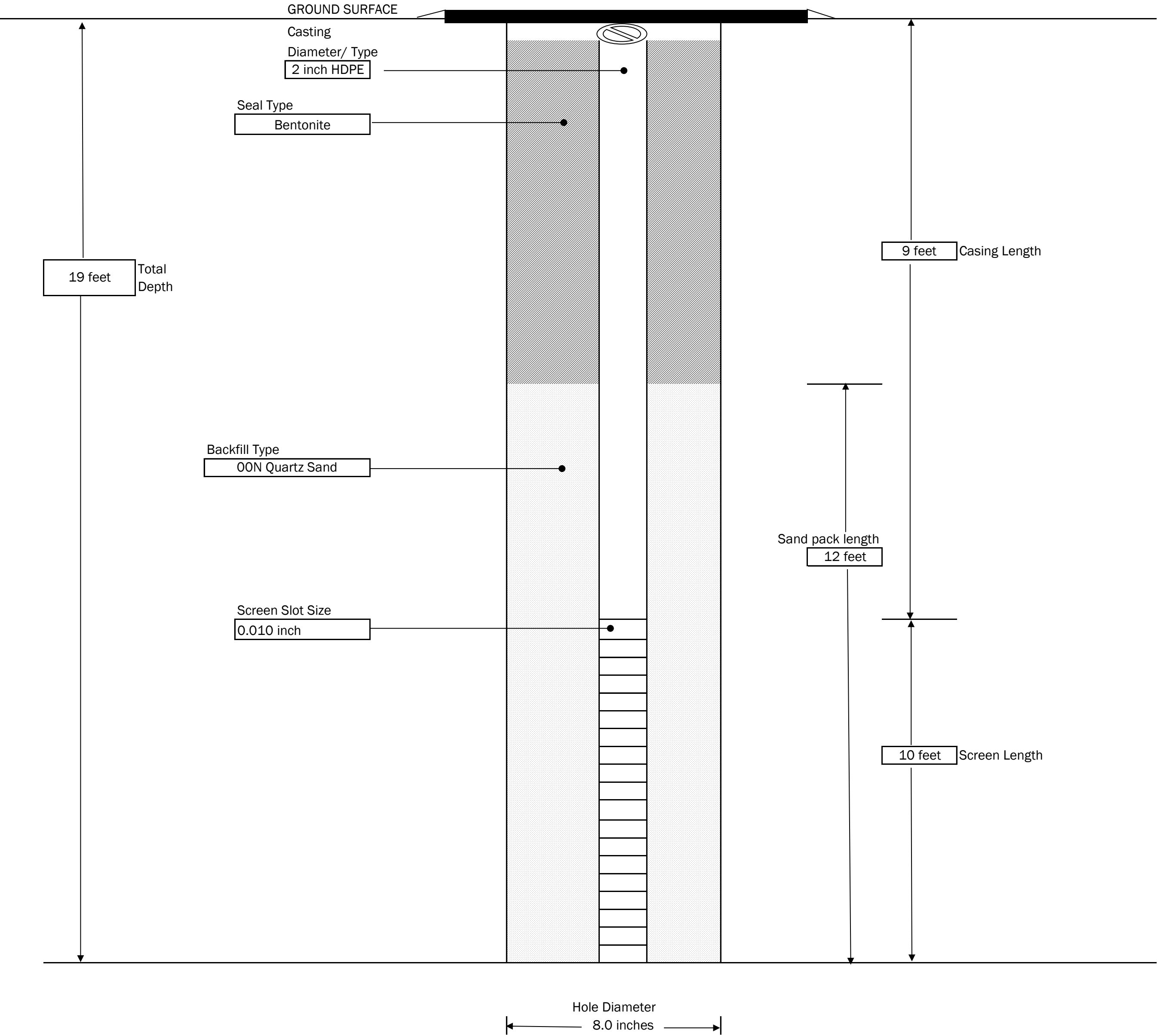
GENERAL NOTES:
1) NOT TO SCALE
2) DEPTHS ARE APPROXIMATE

LaBella Powered by partnership. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT		MONITORING WELL : LBA-MW3	
	Former Luster Coate Site #C828113 32 East Buffalo St., Churchville, NY		SHEET	1 OF 1
			JOB #	2171500
CONTRACTOR: Nothnagle Drilling Co.	BORING LOCATION:	LBA-MW3	TYPE OF DRILL RIG:	CME 75
DRILLER: Steve Lorante	GROUND SURFACE ELEVATION:	NA	DATUM:	NA
LABELLA REPRESENTATIVE: E. Detweiler	START DATE:	8/30/2017	END DATE:	9/6/2017
			AUGER SIZE AND TYPE:	4.25" HAS
			OVERBURDEN SAMPLING METHOD:	2' split spoon



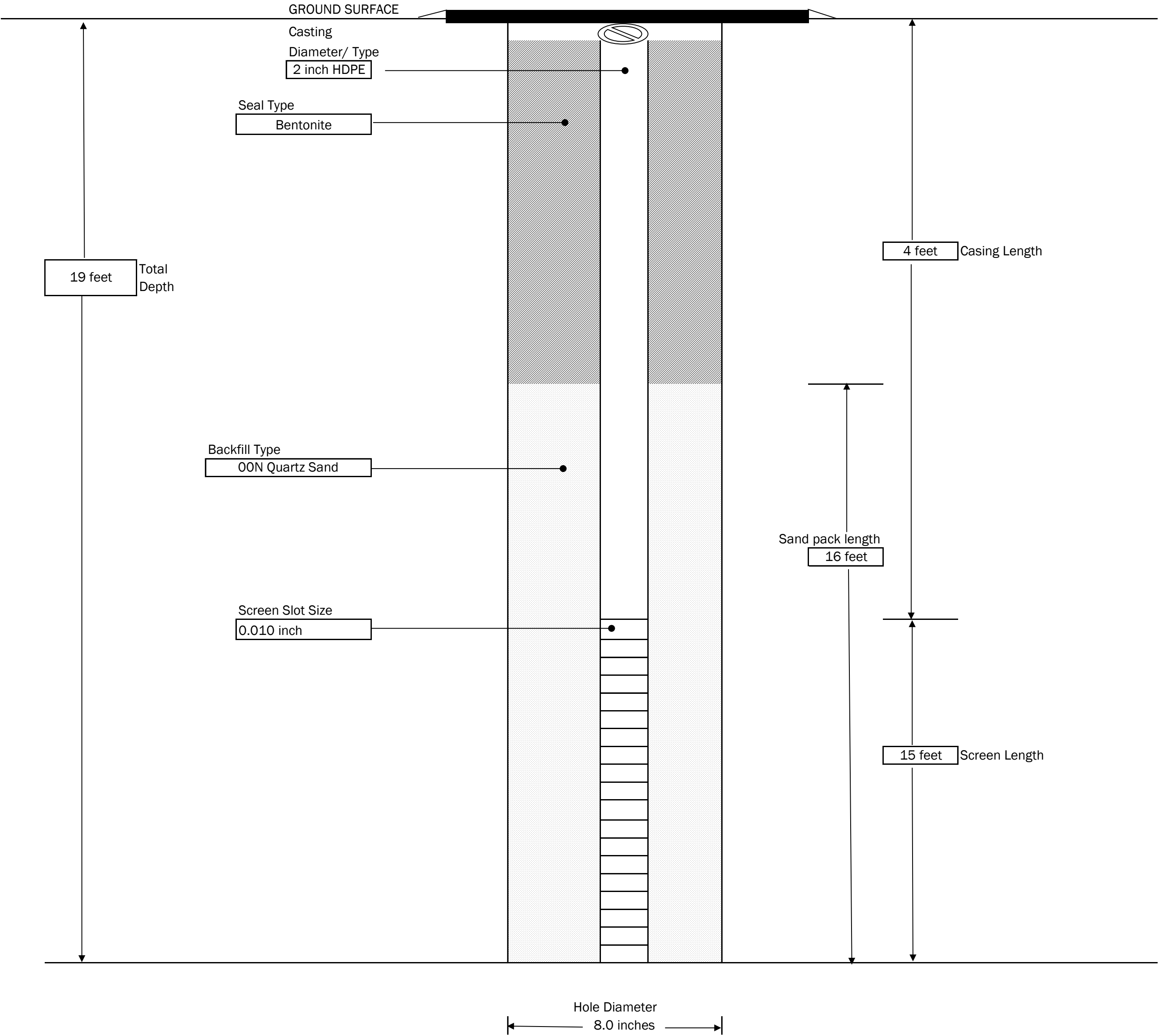
GENERAL NOTES:
1) NOT TO SCALE
2) DEPTHS ARE APPROXIMATE

LaBella Powered by partnership. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT				MONITORING WELL : LBA-MW4	
	Former Luster Coate Site #C828113				SHEET 1 OF 1	
	32 East Buffalo St., Churchville, NY				JOB # 2171500	
CONTRACTOR: Nothnagle Drilling Co.	BORING LOCATION: LBA-MW4				TYPE OF DRILL RIG: CME 75	
DRILLER: Steve Lorante	GROUND SURFACE ELEVATION: NA		DATUM: NA		AUGER SIZE AND TYPE: 4.25" HAS	
LABELLA REPRESENTATIVE: E. Detweiler	START DATE: 9/7/2017	END DATE: 9/7/2017		OVERBURDEN SAMPLING METHOD: 2' split spoon		



GENERAL NOTES:
1) NOT TO SCALE
2) DEPTHS ARE APPROXIMATE

LaBella Powered by partnership. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT				MONITORING WELL : LBA-MW5	
	Former Luster Coate Site #C828113 32 East Buffalo St., Churchville, NY				SHEET 1 OF 1 JOB # 2171500	
CONTRACTOR: Nothnagle Drilling Co.	BORING LOCATION: LBA-MW5				TYPE OF DRILL RIG: CME 75	
DRILLER: Steve Lorante	GROUND SURFACE ELEVATION: NA		DATUM: NA		AUGER SIZE AND TYPE: 4.25" HAS	
LABELLA REPRESENTATIVE: E. Detweiler	START DATE: 9/7/2017	END DATE: 9/7/2017		OVERBURDEN SAMPLING METHOD: 2' split spoon		



GENERAL NOTES:
1) NOT TO SCALE
2) DEPTHS ARE APPROXIMATE

GROUNDWATER DEVELOPMENT FORM

300 STATE STREET, ROCHESTER, NY

PH: (585) 454-6110

FAX: (585) 454-3066

WELL I.D. LBA-MW5

Project Name:	<u>Former Luster Coate - Remedial Investigation</u>
Location:	<u>32 East Buffalo Street, Churchville, NY</u>
Development By:	<u>E. Detweiler</u>
Weather:	<u>partly sunny, 72</u>

Project No.: 2171500

Date: 9/11/2017

PURGE VOLUME CALCULATION

Well Diameter: 2.0 -Inch
 Depth of Well: 18.81 -Feet (btoc)

Static Water Level:	<u>8.92 -Feet (btoc)</u>
Single Well Volume:	1.55 -Gallons

PURGE & SAMPLING METHOD

☐ Bailer - Type: HDPE bailer
Sampling Device: _____

☐ Pump - Type _____
Pump Rate: _____

FIELD PARAMETER MEASUREMENTS

[illegible]

Total	11.00 Gallons Purged
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Purge Start Time:

Purge End Time:

OBSERVATIONS:

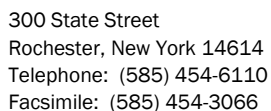
Well bailed to within 0.3 ft of dry but continued development for 0.5 hr; final turbidity = 173 NTU

Well developed with HDPE bailer and PFC-free twine

Well Volume (1" well) = 0.0408-gal/ft.

Well Volume (4" well) = 0.65-gal/ft.

Well Volume (2" well) = 0.163-gal/ft.



Weather:

WELL I.D.: LBA-MW2

Tubing Type: 1/4-inch HDPE

[illegible]

Final Static Water Level: 16.87

OBSERVATIONS

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300 State Street
Rochester, New York 14614
Telephone: (585) 454-6110
Facsimile: (585) 454-3066

Project Name: Former Luster Coate Site #C828113

Location: 32 East Buffalo St., Churchville, NY

Project No.: 2171500

Sampled By: AJ Engelbert

Date: 10/3/17

Weather:

WELL I.D.: LBA-MW3

WELL SAMPLING INFORMATION

Well Diameter: 2-inch

Depth of Well: 24.03

Measuring Point: TOC

Pump Type:	QED Sample Pro bladder pump
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Static Water Level: 16.73 ft

Length of Well Screen: 15 ft

Depth to Top of Pump: 21 ft

Tubing Type: 1/4-inch HDPE

FIELD PARAMETER MEASUREMENT

[illegible]

Total	2.4	Gallons Purged
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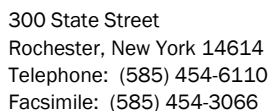
Purge Time Start: 9:45

Purge Time End: 10:30

Final Static Water Level: 18.63

OBSERVATIONS

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Weather:

WELL I.D.: LBA-MW4

Tubing Type: 1/4-inch HDPE

[illegible]

Total	1	Gallons Purged
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Final Static Water Level: 14.58

OBSERVATIONS

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300 State Street
Rochester, New York 14614
Telephone: (585) 454-6110
Facsimile: (585) 454-3066

Project Name: Former Luster Coate Site #C828113

Location: 32 East Buffalo St., Churchville, NY

Project No.: 2171500

Sampled By: AJ Engelbert

Date: 10/3/17

Weather:

WELL I.D.: LBA-MW5

WELL SAMPLING INFORMATION

Well Diameter: 2-inch

Depth of Well: 18.80

Measuring Point: TOC

Pump Type:	QED Sample Pro bladder pump
------------	-----------------------------

Static Water Level: 10.05 ft

Length of Well Screen: 15 ft

Depth to Top of Pump: 17 ft

Tubing Type: 1/4-inch HDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O2 (mg/L)	Redox (mV)			Comments
			+/- 0.1		+/- 3%		+ 10%	+/- 10 mV			
14:35	200 ml/min	0.5	6.9	18.38	1.4	41					
14:40	200 ml/min	0.75	6.89	17.81	1.43	20.9					
14:45	200 ml/min	1	6.91	17.65	1.43	21.4					
15:00	200 ml/min	1.2	7.04	18.89	1.36	562					Pump lowered
15:05	200 ml/min	1.5	6.98	17.95	1.37	503					
15:10	200 ml/min	1.8	6.98	17.25	1.39	351					
15:15	200 ml/min	2	7.01	17.02	1.38	243					
15:20	200 ml/min	2.3	7.02	16.7	1.38	189					
15:25	200 ml/min	2.5	7.04	16.93	1.37	142					
15:30	200 ml/min	2.75	7.04	16.61	1.35	105					
15:35	200 ml/min	2.9	7.07	16.48	1.36	80.6					
15:40	200 ml/min	3	7.08	16.54	1.35	67.7					
15:45	200 ml/min	3.1	7.09	16.6	1.35	57.5					
15:50	200 ml/min	3.3	7.09	16.66	1.35	53.6					
15:55	200 ml/min	3.4	7.1	16.64	1.35	49.5					

Total	3.4	Gallons Purged
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Purge Time Start: 14:30

Purge Time End: 15:55

Final Static Water Level: 12.30

OBSERVATIONS

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300 STATE STREET, ROCHESTER, NY

ENVIRONMENTAL ENGINEERING CONSULTANTS

Daily Log Sheet

Date: 8/28/17
SHEET 1 OF 1
JOB: 2171500
CHKD BY:

SHEET 1 OF 1

JOB: 2171500

CHKD BY:

ED / MD / MWS

LaBella LLC

Project Work Phase:

Former Luster Coate Site
PCB Delineation / Remedial Investigation

TIME	DESCRIPTION OF ACTIVITY	MILEAGE
10:00	ED/MD arrive on site. Mike W. already on site. establish CAMP stations, change logging intervals to 15-min; Scott Williams (NYSDEC) on site to observe	
	UPWIND: FA01654 Background = 0.030-0.032 mg/m ³ ; 0.0 ppm PID DOWNWIND: FA02724 Background = 0.027 mg/m ³ ; 0.0 ppm PID	
	No visible dust generated during boring work	
	- Retreat Advance 5 shallow borings east of site bldg (LBA-GP1 through LBA-GP5) and 3 surface soil borings in driveway LBA-GP11 through LBA-GP13	
	* Collect headspace for driveway	
	LBA-GP11 0-2": 3.6 ppm (climbed slow) 2-12": 5.4 ppm	
	LBA-GP12 0-2": 0.4 ppm * with asphalt! 2-12": 4.4 ppm	
	LBA-GP13 0-2": 4.3 ppm 2-12": 3.5 ppm	
	EMPTY BAG IN SUN: 10.2 ppm	
16:00	Complete logging/sampling LBA-GP13 by Rte 36 in driveway; shut down CAMP stations	

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

LABELLA REPRESENTATIVE: ED

CONTRACTOR: Labella LLC

Project Work Phase: Former Luster Coate Site

Remedial Investigation

TIME	DESCRIPTION OF ACTIVITY	MILEAGE
8:00	M. Windrel Jr / E. Detweiler on site; mob rig/equip to Southern parking lot	
	Calibrate Dust traps / PIDs	
	FA01654 Zero Cal <u>SPAN GAS</u>	
	FA01654 0.0	
	FA02724 0.0	
	PID 1 0.0 99.8% ppm	
	PID 2 0.0 100.1 ppm	
	PID 3 0.0 99.9 ppm	
9:00	Set up and start CAMP stations in Southern parking area	
	UPWIND BACKGROUND (FA01654): 0.022 mg/m ³ , 0.0 ppm PID	
	DOWNWIND BACKGROUND (FA02724): 0.023 mg/m ³ , 0.0 ppm PID	
9:15	Advance LBA-GP6 (northern-most boring in Southern asphalt parking lot) to refusal Geoprobe refusal @ 9' bgs	
	Collect rep. samples; no evidence of contain	
10:30	Advance LBA-GP7 to refusal @ 16.8'; no evidence of contain. (sample VOC 1.5-2, Remaining param 0.5-2.5) encounter water above 16' (not obvious in soil)	
12:00	Install LBA-MWI boring to refusal @ 16.5'; 15-16.5' sleeve is saturated (shallow water, 8-11') but looks like blow up	
13:00	Mike installs co- co-located water sample point @ LBA-SG1 to 18 feet bgs; pulls up screen to open 18-14' interval - no water	
15:00	Pull up to 13-9' interval (4' screen); wait, no water	
	Check well in former driveway of Luster Coate (1" AC) DTW = 8.8" TD = 13.9' bgs	
15:40	Pull up to 8-4' interval	
16:00	Collect VOC sample from 8-4' interval @ LBA-SG1 location (fouled)	
16:45	Drive SP-16 water sampler to 13' @ LBA-SG2 location; retract screen 4'; sample interval 13-9'	
	DTW in nearby well in access road = 8.8' bgs	
17:20	Collect TCL VOC water sample from LBA-SG2 (13-9') no odor or sheen; 0.0 ppm PID down hole	



300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Phase II Environmental Site Assessment

Former Luster Coate Site

BORING: LBA-SG1

SHEET 1 OF 1

JOB:

000047

CHKD BY:

2171500

CONTRACTOR: Labella LLC

DRILLER: Mike Windel Jr.

LABELLA REPRESENTATIVE: BW

BORING LOCATION:

GROUND SURFACE ELEVATION

START DATE: 8/29/17

END DATE: 8/29/17

DATUM:

TYPE OF DRILL RIG: Geoprobe

AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: 1.8-Inch ID

OTHER:

DEPTH (FEET)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)			
0				★ Drive sampler (SP-16) to 18' bgs; pull up 4' screen (18-14' interval)		
2						
4				★ Install 1/4" tubing to 17' bgs • No water in 18-14' interval • No water in 13-9' interval • No water in 8-4' interval		
6						
8				- DTW in former site entrance/driveway = 8.8' bgs (well is 13.9' deep) - LBA-SG1 is approx 5' lower than well in driveway (ground surface)		
10						
12				★ Collect water sample for TCL VOCs from 8-4' interval bgs @ 16:00		
14						
16						

TD w/Expendable tip SP-16 = 18.0'

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

NOTES:

ND = Non Detect

BGS = Below the Ground Surface

NA = Not Applicable

GENERAL NOTES

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
- 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BORING:

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

LABELLA REPRESENTATIVE: ED

CONTRACTOR: Labella LLC

Project Work Phase: Former Luster Coate Site
Remedial Investigation

TIME	DESCRIPTION OF ACTIVITY	MILEAGE
8:30	ED on site, select soil gas LBA-SG3 location, set up Geoprobe check monitoring well (stick up) nearest LBA-SG4 DTW = 13.15 bgs Set up and calibrate CAMP stations	
	UPWIND Background (FA01654) = 0.024 mg/m ³ , 0.0 ppm DOWNWIND Background (FA02724) = 0.026 mg/m ³ , 0.0 ppm	
9:00	Begin advancing LBA-SG3 water sampling point w/ SP-16 screen to 17' bgs; pulls screen open from 17'-13' interval NYSDEC on site	
9:20	Labella drives LBA-SG3 soil gas point to 5' bgs; PID reading down open hole = 0.6 ppm peak	
9:30	Attempt to collect water sample from 17-13' interval @ LBA-SG3; no water; pull up 4' to 13-9' interval & attempt sample - no water	
10:00	Pull LBA-SG3 up to 9-5' interval no water; let sit Decon tooling	
10:30	Select monitoring well location for LBA-MW2 in NE corner of site property	
10:45	Begin driving macrocres @ LBA-MW2; continuous sampling to Geoprobe refusal @ 21.3' bgs; no evidence of impairment observed other than peak PID reading of 0.6 ppm @ 6' bgs (no staining or odor)	
11:30	Begin driving dual-tubes (4" diam) to attempt to get to 21'; dual tube refusal @ 15' bgs (1-); construct LBA-MW2 w/ 5' screen interval (15-10') w/ HDPE well screen & riser Check for water 1/2 hr later, none	
13:00	Scope out LBA-MW3 location; drive macrocres to 15' (continuous sampling) and core barrel gets stuck down hole 15-10', lose barrel Drill second hole 1' south to 10' & sample; sand wet @ 13.5' bgs drive spoon to refusal @ 18.2' & core barrel will not retract lose lose 2nd core barrel down hole (none left); collect sample from fill @ 10-11' including MS/MSD (discolored, peak PID reading 0.3 ppm, no odor)	
15:00	check LBA-MW2 for water; TD = 14.5' bgs, DTW = 13.96 (.5' water in well)	
15:15	Drive soil gas SP-16 sampler to 18' bgs @ LBA-SG4	
	Also install soil gas screen/tubing to 5'	
15:45	Install 5' soil gas point LBA-SG5 in NE corner of site	
16:20	Attempt to collect VOC water sample from LBA-SG4... NO WATER (18'-14')	
16:30	Install LBA-SG2 soil gas point w/ screen to 5'	
17:00	Install LBA-SG1 soil gas point w/ SS screen to 5'	
17:30	Labella off site	



Date: 8/31/17
SHEET 1 OF 1
JOB: 2171500
CHKD BY:

CONTRACTOR:

CONSULTANTS: ED CONTRACTOR: LaBella LLC
Former Luster Coate Site
Remedial Investigation

[illegible]

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

LABELLA REPRESENTATIVE: E. Detweiler

CONTRACTOR: Nothnagle Drilling

Project Work Phase: Luster Coate Site - Remedial Investigation;
Well Installations

TIME	DESCRIPTION OF ACTIVITY	MILEAGE
8:30	Arrive on site. Nothnagle Drilling on site, just finished completing 'Flushmounts @ MW2 and MW1	
	Calibrate & set up CAMP stations	
	UPWIND BACKGROUND (FA01654): 0.033 mg/m ³ , 0.0 ppm PID	
	DOWNWIND BACKGROUND (FA02724): 0.035 mg/m ³ , 0.0 ppm	
	Check MW5 well boring Augers @ 16' bgs, sampled to 17' bgs)	
	DTW = 11' bgs; decide to set well (15' screen because not enough rise) @ 19'	
9:15	Auger to 19'; cuttings containerized in steel drum	
	Construct MW5 as follows: Screen interval: 19'-4' bgs (20 slot)	
	Sandpack (#0): 19'-3' bgs	
	bentonite seal (Chips): 3'-1'	
	9:45 take PID reading down borehole; peak reading = 219.1 ppm	
11:00	Set Nothnagle decons augers/tooling	
11:30	Nothnagle sets up @ LBA-MW3 location; move CAMP equip	
	begin augering with auger to 15' since overburden has been sampled to 15'; no elevated PID readings on auger cuttings or downhole	
11:50	Begin driving 4' macrocore from 14'	
12:12	Stop auto hammering @ 7-17' (essentially refusal); very dense, very slow advancement	
12:30	Auto hammer breaks on rig	
13:30	Rig fixed, continue sampling/augering. no dust generated & no elevated CAMP readings observed during augering	
14:00	Reach 24' bgs w/ sampling and augers. not much water but will install well with 15' screen (have insufficient rise)	
	HDPE well construction; no evidence of impairment below 15'. construct MW3 @ 24' w/ 15' of screen	
15:00	MW3 complete. cut trees out of way of LBA-MW4 location & Nothnagle sets up; augers through concrete	
	Sample & auger to 6'	
15:40	Lightening/thunder & pouring rain; drillers stop for day	
16:00	off site	



ABELLA REPRESENTATIVE:

Date: 9/7/17
SHEET 1 OF 1
JOB:
CHKD BY:

CONTRACTOR:

Project Work Phase:

ENGINEERING CONSULTANTS

CLIENT: E. Detweiler CONTRACTOR: Nothnagle Drilling

Luster Coat Site - Remedial Investigation
Well Installations

TIME	DESCRIPTION OF ACTIVITY	MILEAGE
7:30	Nothnagle on site, complete MW3	
8:15	E. Detweiler on site, cal Calibrate & setup CAMP Stations around work area	
8:30	Nothnagle samples 6-8'; 8-12'	
	UPWIND BACKGROUND (FA01654): 0.010 mg/m ³ 0.0 ppm PID DOWNWIND BACKGROUND (FA02724): 0.009 mg/m ³ 0.0 ppm PID	
	Continue sampling/augering to 19' bgs, split spoon sampling from 4'-14' down is not returned (several muddled blows 1/2 ft) due to f SAND, silt	
	- No evidence of impairment observed (no odors, no discoloration) other than very low level PID readings 8-11' (0.8-3.9 ppm)	
	Collect samples @ PID readings (see log)	
	Construct LBA-MW4 @ 19' (good water @ 4'-14' bgs) & Screen = 19'-9' Sandpack 19-7'; bentonite 7-5'; grout 5'-grade; HDPE well construction	
11:00	Check depth to water in LBA-MW2 (13.3' bgs) & stickup well by LBA-SG4 (12.8' bgs)	
11:30	Begin augering LBA-SG3 w/2.25" HSA to install 1" well @ 18' No sampling per work plan ~ 10' screen w/ sand to 7'; native soil 7'-grade; No elevated PID readings on cuttings Nothnagle brings skid steer on site and stages drums of cutting on concrete slab east of LBA-SG3	
13:00	Install LBA-SG4 1" well for collocated GW sample to 18' bgs Screen 18-8'; sandpack 18-7'; cuttings to grade. No elevated PID readings on screen	
14:30	Begin augering (2.25" HSA) to 18' @ LBA-SG5 location for 1" PVC well install; screen 18-8'; sandpack 18-7'; cuttings to grade Max. 4.0 ppm on auger cuttings, no odor. max 2.7 ppm PID down augers while installing sandpack; no staining	
15:30	Finish LBA-SG5 installation	



PROJECT NAME/ LOCATION

32 Buffalo St. Churchville
PCB Delineation

SHEET 1 OF 1

JOB: 2171502

LABELLA REPRESENTATIVE: E.D.

REGULATORY AGENCY REPRESENTATIVE:

PURPOSE OF VISIT:

PCB Delineation - Additional Soil Borings

[illegible]



Powered by partnership.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Phase II Environmental Site Assessment

Location: Former Luster Code

Client:

BORING: SB-12B

SHEET 1 OF 1

JOB: 2180000

CHKD BY:

DATE: 9/24/18

CDNTRACTDR: LaBella Env. LLC

DRILLER: Dylan H.

LABELLA REPRESENTATIVE: ED

BORING LOCATION:

GROUND SURFACE ELEVATION

START DATE: 9/24/18

NA

END DATE: 9/24/18

TIME: TD

DATUM: NA

WEATHER:

TYPE OF DRILL RIG: Geoprobe 662DDT

AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: Macrocore

INSIDE DIAMETER: 2"

OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0	40"			0-0.5' light brown VF SAND, little	NA	
1				@0.5' silt, dry FILL		
2				@0.5' 2" asphalt		
3				@0.6' brown SILT and cmf Gravel, some		
4				VF Sand, dry FILL		
5				@1.7' brown SILT, little cmf Gravel, little		
6				VF Sand, moist FILL		
7				@4' red-brown CLAY and silt, moist		
8				TD=5'		
9						
10				SB-11B little silt		
11	46"			@0' VF SAND, some cmf Gravel, dry FILL	NA	
12				@1.1' brown-black slag, cinder, coal-like		
13				FILL dry, with VF Sand 1.1-1.5'		
14				@3' light brown VF SAND, some cmf		
15				Gravel, some silt, moist FILL		
16				TD=5'		
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

- STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SDIL TYPES, TRANSITIONS MAY BE GRADUAL.
- WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface

NA = Not Applicable

and = 35 - 50%

some = 20 - 35%

little = 10 - 20%

trace = 1 - 10%

C = Coarse

M = Medium

F = Fine

VF = Very Fine

R = Rounded

A = Angular

SR = Subrounded

SA = Subangular

BORING: SB-01



LaBella
Powered by partnership.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Phase II Environmental Site Assessment

Location: **32 East Buffalo St.
Churchville**

Client:

BORING: **SB-13B**
SHEET **1** OF **1**
JOB: **2180000**
CHKD BY:
DATE: **9/24/18**

CONTRACTOR: **LaBella Env. LLC**
DRILLER: **Dylan H.**
LABELLA REPRESENTATIVE: **ED**

BORING LOCATION:
GROUND SURFACE ELEVATION
START DATE: **9/24/18**

NA
END DATE: **9/24/18**

TIME: TO
DATUM: NA
WEATHER:

TYPE OF DRILL RIG: Geoprobe 6620DT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: Macrocore
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0	32"			topsoil 0-0.2'	NA	rock likely stopped hand auger in SB-13
1				@0.2 dark brown of SAND and silt, some conf Gravel, moist FILL		
2				@2.0' light brown 2" broken rock		
3				@2.2' light brown of SAND, some silt, some conf Gravel, dry, FILL		
4						
5				TD=5ft		
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	
						Collect samples: 2-3', 3-4', 4-5'

GENERAL NOTES

- STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
- WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface

NA = Not Applicable

and = 35 - 50%

some = 20 - 35%

little = 10 - 20%

trace = 1 - 10%

C = Coarse

M = Medium

F = Fine

VF = Very Fine

R = Rounded

A = Angular

SR = Subrounded

SA = Subangular

BORING: **SB-01**



300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Phase II Environmental Site Assessment

Location:

Client:

BORING: SB-388

SHEET 1 OF 1

JOB: 2180000

CHKD BY:

DATE: 9/24/18

CONTRACTOR: LaBella Env. LLC

DRILLER: Dylan H.

LABELLA REPRESENTATIVE: ED

BORING LOCATION:

GROUND SURFACE ELEVATION

START DATE: 9/24/18

NA

END DATE: 9/24/18

TIME: TO

DATUM: NA

WEATHER:

TYPE OF ORILL RIG: Geoprobe 6620DT

AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: Macrocore

INSIDE DIAMETER: 2"

OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	P/O FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0	41"			0-0.25' topsoil	NA	
1				@0.25' brown w/ SAND and cml Gravel,		
2		2-3'		little silt, trace concrete, dry Fill		
3		3-4'				
4		4-5'				
5						
6						
7				TD = 5'		
8				(rock in shoe)		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES: Collect Sample SB388 from 2-3', 3-4', 4-5'
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
- 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

BORING: SB-

LaBella Powered by partnership. 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Phase II Environmental Site Assessment Location: 32 Buffalo St. Churchville Client:			BORING: SB-60 SHEET 1 OF 1 JOB: 2180000 CHKD BY: DATE: 9/24/18					
			CONTRACTOR: LaBella Env. LLC DRILLER: Dylan H. LABELLA REPRESENTATIVE: EO			BORING LOCATION: GROUND SURFACE ELEVATION: NA START DATE: 9/24/18 END DATE: 9/24/18			TIME: TO DATUM: NA WEATHER:		
TYPE OF DRILL RIG: Geoprobe 6620DT AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push						DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 2" OTHER:					
DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS					
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)								
0	36"	1'		brown SILT and cuf Gravel, little vf sand, concrete little concrete, dry, fill @ rock in shoe	NA						
1		2'									
2		3'									
3		4'									
4		5'									
5											
6				TD = 5'							
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

WATER LEVEL DATA			DEPTH (FT)			NOTES: no evidence of impairment Collect sample 0-1, 1-2, 2-3, 3-4, 4-5 Drive 2 cores to 5' for sufficient sample volume
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface	and = 35 - 50%	C = Coarse	R = Rounded
NA = Not Applicable	some = 20 - 35%	M = Medium	A = Angular
	little = 10 - 20%	F = Fine	SR = Subrounded
	trace = 1 - 10%	VF = Very Fine	SA = Subangular

BORING: **SB-**



300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Phase II Environmental Site Assessment

Location: *Former Luster Coade
32 E. Buffalo St.*

Client:

BORING: SB-*61*
SHEET 1 OF 1
JOB: 2180000
CHKD BY:
DATE: *9/24/18*

CONTRACTOR: LaBella Env. LLC
DRILLER: *Dylan H.*
LABELLA REPRESENTATIVE: *ED*

BORING LOCATION:
GROUND SURFACE ELEVATION
START DATE: *9/24/18*

NA
END DATE: *9/24/18*

TIME: TD
DATUM: NA
WEATHER:

TYPE OF DRILL RIG: Geoprobe 662DDT

AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: Macrocore

INSIDE DIAMETER: 2"

OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0	<i>46"</i>	<i>0-1</i>	<i>0-0.2 brown, dark brown top soil @ 0.2 brown w/ SAND, some conf gravel, little some silt, trace concrete, dry, fill</i>			
1		<i>1-2</i>				
2		<i>2-3</i>				
3		<i>3-4</i>				
4		<i>4-5</i>				
5						
6				<i>TD = 5'</i> <i>* Rock in shoe</i>		
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES: <i>No evidence of impairment Collect samples 0-1, 1-2, 2-3, 3-4, 4-5</i>
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
- 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

BORING: SB-



300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Phase II Environmental Site Assessment

Location: *Former Luster Code*

Client:

BORING: SB- *62*
SHEET 1 OF 1
JOB: 2180000
CHKD BY:
DATE: *9/24/18*

CONTRACTOR: LaBella Env. LLC
DRILLER: *Dylan H.*
LABELLA REPRESENTATIVE: *ED*

BORING LOCATION:

GROUND SURFACE ELEVATION

START DATE: *9/24/18*

NA

END DATE: *9/24/18*

TIME: TO

DATUM: NA

WEATHER:

TYPE OF DRILL RIG: Geoprobe 6620DT

AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: Macrocore

INSIDE DIAMETER: 2"

OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0				<i>see SB-61 (similar soils)</i>	<i>NA</i>	
1						
2						
3	<i>45"</i>					
4						
5				<i>TD = 5'</i>		
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES: <i>Same observations @ SB61 01, 1-2, 2-3, 3-4, 4-5</i>
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
- 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

BORING: SB-



300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Phase II Environmental Site Assessment

Location: **Former Luster Conte**

Client:

BORING: **SB-63**
SHEET **1** OF **1**
JOB: **2180000**
CHKD BY:
DATE: **9/24/18**

CONTRACTOR: **LaBella Env. LLC**
DRILLER: **Dylan H. EP**
LABELLA REPRESENTATIVE: **EP**

BORING LOCATION:
GROUND SURFACE ELEVATION: **NA**
START DATE: **9/24/18** END DATE: **9/24/18**

TIME: TO
DATUM: **NA**
WEATHER:

TYPE OF DRILL RIG: Geoprobe 66200T

AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: Macrocore

INSIDE DIAMETER: 2"

OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0	44"	0-1		0-0.1 topsoil	FILL NA	
1		1-2		@ 0.1 light brown vf SAND and cmf		
2		2-3		Gravel, some silt, trace conc. dry		
3		3-4		@ 2.5' black ash & slag-like material		
4		4-5		(2.5-2.8')		
5				@ 4' brown SILT and vf Sand		
6				little cmf Gravel, moist FILL		
7				TD = 5'		
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES: No evidence of impairment other than slag/ash 2.5-2.8' collect 0-1, 1-2, 2-3, 3-4, 4-5
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
- 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

BORING: **SB-**



300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Phase II Environmental Site Assessment

Location: 32 Buffalo St. Churchville

Client:

BORING: SB-064
SHEET 1 OF 1
JOB: 2180000
CHKD BY:
DATE: 9/24/18

CONTRACTOR: LaBella Env. LLC

DRILLER: Dylan H.

LABELLA REPRESENTATIVE: ED

BORING LOCATION:

GROUND SURFACE ELEVATION

START DATE: 9/24/18

NA

END DATE: 9/24/18

TIME: TO

DATUM: NA

WEATHER:

TYPE OF DRILL RIG: Geoprobe 6620DT

AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: Macrocore

INSIDE DIAMETER: 2"

OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0	37"	0-1		0-0.5' sandy topsoil/loam dark brown	NA	
1		1-2		@0.5' large stone (2")		
2		2-3		@0.7' brown SILT and cmt Gravel, some of Sand, dry FILL, trace concrete		
3		3-4		@2.5' piece of coal		
4		4-5		@4' masonry (five block) over dark brown SILT, some cmt Gravel, some of Sand, dry, FILL		
5				TD = 5'		
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES: No evidence of impairment collect samples 0-1, 1-2, 2-3, 3-4, 4-5'
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

- STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
- WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface

NA = Not Applicable

and = 35 - 50%

some = 20 - 35%

little = 10 - 20%

trace = 1 - 10%

C = Coarse

M = Medium

F = Fine

VF = Very Fine

R = Rounded

A = Angular

SR = Subrounded

SA = Subangular

BORING: SB-01



300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Phase II Environmental Site Assessment

Location: 32 E. Buffalo St,

Client: Atlantic RE

BORING: SB-65
SHEET 1 OF 1
JOB: 2180000
CHKD BY: 9/24/18
DATE:

CONTRACTOR: LaBella Env. LLC

DRILLER: Dylan H.

LABELLA REPRESENTATIVE: ED

BORING LOCATION:

GROUND SURFACE ELEVATION

START DATE: 9/24/18

NA

END DATE: 9/24/18

TIME: TO

DATUM: NA

WEATHER:

TYPE OF DRILL RIG: Geoprobe 6620DT

AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: Macrocore

INSIDE DIAMETER: 2"

OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0	41"	0-1		0-0.2 asphalt 0.2-0.5 asphalt base (crushed gravel) crusher run @ 1.0' light brown SILT, some of Sand, little amt Gravel, dry, FILL	NA	
1		1-2				
2		2-3				
3		3-4				
4		4-5				
5				TD = 5'		
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES: no evidence of impairment collect samples 0-1, 1-2, 2-3, 3-4, 4-5
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
- 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

BORING: SB-01

PFC Sampling in GroundwaterLBA-MW-1 (0830)

1-well volume: 2.3 gal
Volume purged: 6.7 gal
sample time: 0830
*Blind Duplicate Collected

LBA-MW-4 (0945)

1-well volume: 0.77 gal
Volume purged: 2.4 gal
sample time: 0945
*MS/MSD collected

LBA-MW-3

1-well volume: 1.36 gal
Volume purged: 4.1 gal
sample time: 1020

LBA-MW-2

1-well volume: 1.4 gal
Volume purged: 4.2 gal
sample time: 1030

LBA-MW-5

1-well volume: 1.5 gal
volume purged: 4.5 gal
sample time:

TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

SG-5

•Purge start: 1200

* Sampled with PFC-free bailers and PFC-free twine

SG-5

• He in shroud: yes
• He in point: no
• Can: 567
• Reg: 377

Time	Pressure
0758	30
1130	15
1358	4.5
<u>removed</u>	

(ms)

SG-3

He in shroud: yes
He in point: no
• Can: 1188
• Reg: 309

Time	Pressure
0822	30+
1133	16.0
1357	5.0
<u>removed</u>	

(MSD)

Duplicate

He in shroud: Y
He in point: N
• Can: 245
• Reg: 309

SG-2

He in shroud: Yes
He in point: no
• Can: 471
• Reg: 394

Time	Pressure
0832	30+
1133	17.0
1357	6.5
1413	5.0
<u>Removed</u>	

SG-1

He in shroud: Y
He in point: N
• Can: 327
• Reg: 318

Time	Pressure
0840	30+
1135	18.5
1350	8.0
1430	5.0
<u>Removed</u>	

SG-4

He in shroud: Yes
He in point: No
• Can: 556
• Reg: 338

Time	Pressure
0800	30+
1132	19.5
1357	9.0
1437	6.0
<u>Removed</u>	

<u>BERING</u>	<u>PID</u>	<u>TIME</u>	<u>DESCRIP</u>	<u>PI</u>	<u>Recon</u>
<u>SB100</u>					
0-1	0	10:00	0-0.5 asphalt/base	44"	
1-2	↓	10:01	0.5-1.5 silt/sand/cmf Gravel Fill grey-tan		
2-3		10:02			
3-4		10:05	1.5-5 dark brown silt, some cmf Sand, cmf Gravel		
4-5		10:10	@ 4' pushed through stone		
<u>SB101</u>					
0-1	0	10:30			37"
1-2	↓	10:32	Same as 100		
2-3		10:34			
3-4		10:36	*Collect MS/MSD		
4-5		10:40			
<u>SB102</u>					
0-1	0	10:45			
1-2	↓	10:47	Same as 100		41"
2-3		10:49			
3-4		10:50			
4-5		10:52			
<u>SB103</u>					
Could not access boring					
0-1	0	11:45	*Collect Duplicate 1		34"
1-2	↓	11:48			
2-3		11:50	Same as 100+		
3-4		11:53	but organics @ 4.5' (black/grey)		
4-5		11:55			
<u>SB104</u>					
0-1	0	11:05			46"
1-2	↓	11:07	Same as 100 but @ 4'; grey w/ SAND,		
2-3		11:10	little silt, little mf Gravel		
3-4		11:12			
4-5		11:15	*Collect Duplicate 2		

<u>BORING</u>	<u>PID</u>	<u>TIME</u>	<u>COMMENTS</u>	<u>RECOVER</u>
<u>SB105</u>				
0-1	0	11:20		35"
1-2	↓	11:23	see 106	
2-3		11:25		
3-4		11:28		
4-5	↓	11:30		
<u>SB106</u>				
0-1	0	12:12	0-0.5 topsoil/mulch	32"
1-2	↓	12:14	0.5-1.0 @ 0.5 light brown conf SAND, some	↓
2-3		12:16	silt, some conf Gravel	
3-4		12:18	@ 4.0' dark brown SILT, black	
4-5	↓	12:20	organics	
			@ 1.5' dark brown silt and f Sand, some conf Gravel	
			* Collect MS/MSD	
<u>SB107</u>				
0-1	0	12:28	0-0.5 topsoil/loam w/ vf Sand	30"
1-2	↓	12:30	0.5-2 light brown silt and conf Gravel	
2-3		12:33	some vf Sand, dry	
3-4		12:36	@ 3' +/- ^{little} slag w/ dark brown silt, some	
4-5	↓	12:40	conf Gravel	
<u>SB108</u>				
0-1	0	13:33	0-0.4 asphalt	46"
1-2	↓	13:36	@ 0.4' pushed through rock/cobble	
2-3		13:38	@ 1.4' brown silt, some vf Sand, some	
3-4		13:40	conf Gravel	
4-5	↓	13:43	@ 2.5' brown vf SAND, some silt, little conf Gravel	
<u>SB109</u>				
0-1	0	13:55	Collect Duplicate 3 from 0-1	51"
1-2	0	13:57	0-0.3' asphalt	
2-3	0.5	13:59	@ 0.3' silt/sand/Gravel mix	
3-4	1.1	14:02	@ 2' vf SAND, some silt & gravel	
4-5	0.1	14:04		

BORING	PID	TIME	COMMENTS	RECOV.
<u>SB110</u>				
0-1	0	14:20		45"
1-2	↓	14:23		↓
2-3		14:25		
3-4		14:28		
4-5	↓	14:30		
<u>SB111</u>				
0-1	0	14:34	★ Collect MS/MFD 0-1'	44"
1-2	↓	14:36	0-0.3' asphalt	↓
MS/MFD 2-3		14:38	0.3- asphalt base	
3-4		14:40	@ 0.5 silt/sand/gravel	
MS/MSA 4-5	↓	14:42	@ 2.5' brown w/ SAND, little conf Gravel	
<u>SB112</u>				
0-1	0	1502		46"
1-2	↓	1504		↓
2-3		1506		
3-4		1508		
4-5	↓	1510		
<u>SB113</u>				
0-1	0	1513:07		42"
1-2	↓	1513:09		↓
2-3		1513:11		
3-4		1513:13		
4-5	↓	1513:15		
<u>SB114</u>				
0-1	0	1530	★ Collect Duplicate 4 @ 0-1	35"
1-2	↓	1531		↓
2-3		1533	asphalt 0-0.5	
3-4		1535	0.5 - sand w/ some silt, conf gravel	
4-5	↓	1538	@ 2.5' dark brown w/ black organics SILT, little of Sand	↓

<u>BORING</u>	<u>PID</u>	<u>TIME</u>	<u>COMMENTS</u>	<u>Recon-</u>
<u>SB115</u>				
0-1	0	13:40	See 114	34"
1-2	↓	13:41		↓
2-3		13:42		
3-4		13:43		
4-5	↓	13:45		
<u>SB116</u>				
0-1	0	1350	0-0.1 topsoil	48"
1-2	↓	1351	@0.1 light brown mf SAND,	
2-3		1352	some cmf gravel, some silt	
3-4		1353	moist	
4-5	↓	1354		
<u>SB-117</u>				
0-1	0	1400	0-0.2' topsoil/loam	44"
1-2	↓	1401	@0.2 PSA light brown f SAND,	↓
2-3		1402	some cmf gravel & silt	
3-4	↓	1403	@2' cmf SAND	
4-5	↓	1404	@2.4' vf SAND as above (w/silt, gravel)	
			@4.0-4.5' mf SAND	
<u>SB118</u>				
0-1	0	1608		40"
1-2	↓	1609	as above	↓
2-3		1610		
3-4		1611		
4-5	↓	1612		
<u>SB119</u>				
0-1	0			40"
1-2	↓		as above	↓
2-3				
3-4				
4-5	↓			

<u>BORING</u>	<u>PID</u>	<u>TIME</u>	<u>COMMENT</u>	<u>RECOV.</u>
<u>SB120</u>				43"
0-1	0	16 22	Same as SB-119	↓
1-2		16 23		
2-3		16 24		
3-4		16 25		
4-5		16 26		
<u>SB121</u>				43"
0-1	0.1	16 30	Duplicate 56-1)	
1-2	0.2	16 31	0-0.3 topsoil/loam dark brown	
2-3	0.5	16 32	cut SAND & gravel	
3-4	0	16 33	@ 2' pushed through 3" stone	
4-5	0	16 34	@ 2.25' light brown v-f SAND, some cut Gravel, some silt	
<u>SB122</u>				38"
0-1	0	16 40	as above	↓
1-2		16 41	but no stone @ 2'	
2-3		16 42		
3-4		16 43		
4-5		16 44		
<u>SB123</u>				32"
0-1	0	16 50	"	↓
1-2		16 51		
2-3		16 52		
3-4		16 53		
4-5		16 54		

<u>BORING</u>	<u>TIME</u>	<u>PID</u>	<u>COMMENTS</u>	<u>RECON.</u>
SB124 - inaccessible due to concrete stairs (?)				
<u>SB125</u>				
0-1	9:35	0	light brown vf tof SAND, some conf Gravel, little silt	37"
1-2	9:37	0.4		
2-3	9:39	0.8		
3-4	9:41	1.5		
4-5	9:42	0		
<u>SB126</u>				
0-1	9:50	0	as above	36"
1-2	9:52	0.2		
2-3	9:54	1.5 no odor		
3-4	9:56	0.4 no odor		
4-5	9:58	0		
<u>SB127</u>				
0-1	10:02	0	as above @ 2'; pushed through no staining, no odors	42" ↓
1-2	10:04	0.4		
2-3	10:06	0.9		
3-4	10:08	0.4		
4-5	10:10	0		
<u>SB128</u>				
0-1	Collect Duplicate 6		as above	41" ↓
1-2	10:14	0		
2-3	10:16	0.2		
3-4	10:17	0.1		
4-5	10:18	0		
<u>SB129</u>				
0-1	10:20	0		38" ↓
1-2	10:22	0		
2-3	10:25	0.4		
3-4	10:26	0		
4-5	10:27	0		

 Collect
MS/MSD →

<u>BORING</u>	<u>TIME</u>	<u>PID</u>	<u>COMMENTS</u>	<u>RECON.</u>
<u>SB130</u>				
0-1	10:30	0	Pushed through stone	39"
1-2	10:32	0.4	@ 0.5-1'	↓
2-3	10:33	1.1	otherwise light brown f SAND	
3-4	10:35	0	some conf Gravel & Silt	
4-5	10:36	0		
<u>SB131</u>				
0-1	10:38	0.4	no odor no staining	33"
1-2	10:40	0	vt to f SAND, pushed through	↓
2-3	10:41	0	stone @ 0.5' to 1.5' 1/2, dec	
3-4	10:42	0	@ 1.5' dark brown vt SAND, little	
4-5	10:43	0.1	conf Gravel, some Silt	
			@ 4' organics, Fe mottling	
<u>SB132</u>				
0-1	10:57	0		30"
1-2	10:58	0	as above	↓
2-3	10:59	0		
3-4	11:00	0		
4-5	11:01	0		
<u>SB133</u>				
0-1	12:44	0	0-1' top soil/conf Gravel	26"
1-2	12:46	0.1	@ 1' light brown f SAND, some	↓
2-3	12:48	0	Silt, some Gravel	
3-4	12:49	0		
4-5	12:50	0		
<u>SB134</u>				
12:57 0-1 Collect MS/MSD		0	0-2' gravel w/ some silt	27"
1-2	12:58	0	@ 2.2' pushed through 2" stone	↓
2-3	12:59	0	@ 2.5' brown f SAND, some conf Gravel	
3-4	13:00	0.7	& some Silt	
4-5	13:01	0	@ 4'; pushed through stone	
			* drove 2 cores, same recovery at each, no rock in stone	

<u>BORING</u>	<u>TIME</u>	<u>PID</u>	<u>COMMENTS</u>	<u>RECOV.</u>
<u>SB135</u>				33"
0-1	13:11	0	See 133	↓
1-2	13:12			
2-3	13:13			
3-4	13:14			
4-5	13:15			
★ <u>SB136</u>				40"
<u>Duplicate</u> 0-1	13:27	0	Same as 133	↓
1-2	13:29			
2-3	13:30			
3-4	13:31			
4-5	13:32			
<u>SB137</u>				35"
0-1	13:42	0	0-4" topsoil/loam @0.3' SILT and cmt Gravel, some f Sand @2' pushed rock @2.2' brown of Sand, little cmt gravel	↓
1-2	13:43			
2-3	13:44			
3-4	13:45			
4-5	13:46			
<u>SB138</u>				28"
0-1	14:00	3.6	0-0.75' dark brown topsoil/silt @0.75' SILT and Gravel @2.5' light brown SILT, some cmt Gravel loose no odor no staining(??)	↓
1-2	14:01	20.7		
2-3	14:02	66		
3-4	14:03	10.4		
4-5	14:04	0		
<u>SB139</u>				
0-1			INACCESSIBLE ON CREEK BANK	
1-2				
2-3				
3-4				
4-5				

<u>BOILING</u>	<u>TIME</u>	<u>PID</u>	<u>COMMENTS</u>	<u>RECOV.</u>
<u>SB140</u>				
			INACCESSIBLE WITH GEOPROBE	
<u>SB141</u>				
<u>Duplicate 8</u> 0-1	14:40	0	0-0.25': topsoil	29"
1-2	14:42		@0.25': silt and conf Gravel	↓
2-3	14:44		@1' pushed through stone (2")	
3-4	14:46		@1.2' brown f SAND, little conf Gravel	
4-5	14:48			
<u>SB142</u>				
0-1	15:01	11.7	0-0.5' dark brown topsoil	28"
1-2	15:03	5.0	@0.5-3.5' gravel/stone to 3.5' (+/-)	↓
2-3	15:05	30.4	w/ silt	
3-4	15:06	1.5	No odor, no discoloration (?)	
4-5	15:08	0		
<u>SB143</u>				10/8/18
			INACCESSIBLE w/ GEOPROBE (on bank)	
<u>SB144</u>				
0-1	10:00	0.5	0-0.2' topsoil/loam	38"
1-2	10:02	0.2	@0.2 light brown f SAND,	↓
2-3	10:04	0	Some conf Gravel, little	
3-4	10:06	0	Silt	
4-5	10:08	0		
<u>SB145</u>				
0-1	10:11	0.1	silt/sand and conf Gravel 0-1'	40"
1-2	10:12	0	* Collect Duplicate 9 (2-3')	↓
2-3	10:14	0	@1' brown silt and f SAND,	
3-4	10:16	0	little conf Gravel	
4-5	10:17	0		

<u>BORING</u>	<u>TIME</u>	<u>PID</u>	<u>COMMENTS</u>	<u>RECOV</u>
<u>SB146</u>				<u>40"</u>
0-1	10 32	0		↓
1-2	10 34			
2-3	10 36			
3-4	10 38			
4-5	10 40			
<u>SB147</u>				
INACCESSIBLE w/ RIG DUE TO BANK				
<u>SB148</u>				
0-1	10 41	0	0-0.3' topsoil/loam	<u>34"</u>
1-2	10 42		@0.3' SILT and f Sand, some	↓
2-3	10 43		cmf Gravel	
3-4	10 44		@1' pushed through Stone	
4-5	10 45		@1.1' SILT and f Sand, little	
			cmf Gravel	
			@2.5' v f SAND, little silt	
<u>SB149</u>				<u>41"</u>
0-1	10:52	0		↓
1-2	10:53		as above	
2-3	10:54			
3-4	10:55			
4-5	10:56			
<u>SB150</u>				<u>38"</u>
0-1	10 57	0	0-2' SILT and cmf Gravel,	↓
1-2	10 58		little f Sand	
<u>Dup 10</u> 2-3	10 59		@2' brown f SAND, little cmf Gravel	
3-4	11 00		some silt	
4-5	11 01		@4.5' w/ organics, SILTY	
<u>SB151</u>			* Duplicate 10 collected from 2-3'	
INACCESSIBLE w/ GEO PROBE ON BANK				
<u>SB152 (153)</u>				<u>42"</u>
0-1	11 16	0		↓
1-2	11 17			
MS/MSD 2-3	11 18		MS/MSD @ 2-3'	
3-4	11 20			
4-5	11 21			
* SB152 = 13B already sampled				

<u>BORING</u>	<u>TIME</u>	<u>PID</u>	<u>COMMENTS</u>	<u>RECON</u>
<u>SB154</u>				
0-1	11 24	0	as above	33" ↓
1-2	11 25	↓	gravel / silt to 2'	
2-3	11 26		@2' pushed through Stone	
3-4	11 27		@2.2' dark brown SILT, some	
4-5	11 28		w/ Sand, little gravel	
<u>SB155</u>	INACCESSIBLE w/ RIG ON BANK			
<u>SB156</u>				
0-1	11 57	0	topsoil / silt	40" ↓
1-2	11 58	0.2	@0.75' slag, brick, fine intermixed w/ silt	
2-3	11 59	0.4	@2' silty f SAND, little gravel	
3-4	12 00	0		
4-5	12 01	0		
<u>SB157</u>				
0-1	12:09	0	0-0.5' topsoil / loam dark brown	30" ↓
1-2	12:10	↓	@0.5' silty f SAND	
2-3	12:11		@1' rounded gravel lense (4")	
3-4	12:12		@1.3' silt / sand mix, little w/ gravel	
4-5	12:13			
<u>SB158</u>				
0-1	14 20	0		36" ↓
1-2	14 21	↓	slag 2-3' intermixed w/ silt / sand	
Dup 11 2-3	14 22		collect Dup 11 @ 2-3'	
3-4	14 23			
4-5	14 24			
<u>SB159</u>				
0-1		0	SILT and Gravel to 2', little sand	32" ↓
1-2		↓		
2-3				
3-4				
4-5				
<u>SB160</u>	inaccessible w/ rig (down bank)			

<u>BORING</u>	<u>TIME</u>	<u>PID</u>	<u>COMMENT</u>	<u>RECOV</u>
<u>SB161</u>				<u>29"</u>
0-1	14:49	0		↓
1-2	14:50	↓		
MS/MSD 2-3	14:51	↓	as above	
3-4	14:52	↓		
4-5	14:53	↓		
<u>SB162</u>				<u>45"</u>
0-1	15:12	0		↓
1-2	15:13	↓	as above	
2-3	15:14	↓		
3-4	15:15	↓		
4-5	15:16	↓		
<u>SB163</u>				<u>39"</u>
0-1	15:23	0		↓
1-2	15:24	↓	slag 2-3'	
2-3	15:25	↓	as above	
3-4	15:26	↓		
4-5	15:27	↓		
<u>SB164</u>				<u>26"</u>
0-1	15:40			↓
1-2	15:45			
Dup 12 2-3	15:46		SILT and cmf Gravel 0-2.5', @ some f SAND	
3-4	15:47		± @ 3' push through stone (2")	
4-5	15:48		3-4' Slag, cinders, silt fill	
			@ 4' brown Silty-SAND	
<u>SB165</u>	inaccessible w/ geoprobe due to bank			10/9/18
<u>SB166</u>				<u>35"</u>
0-1	9:16	0	dark brown SILT w/ cmf Gravel	↓
1-2	9:17	↓	@ 1' w/ slag	
2-3	9:18	↓	@ 2' light brown SILT, dry, loose, little	
3-4	9:19	↓	cmf Gravel, little of Sand	
4-5	9:20	↓		

<u>BORINGS</u>	<u>TIME</u>	<u>PID</u>	<u>COMMENTS</u>	
<u>SB204</u>				
0-1	1359		Silt and cmf gravel, some mf sand	35"
1-2	1400		6-2.5'	↓
2-3	01			
3-4	02			
4-5	03			
<u>SB205</u>				
0-1	1335	0		41"
1-2	36	↓		↓
2-3	37			
3-4	38			
4-5	39			
<u>SB206</u>				
0-1	14:26		@0' silt/sand/gravel mix	32"
1-2	27		@1.5' loose silt; some vf to f sand,	↓
2-3	28		some cmf gravel, dry	
3-4	29			
4-5	30			
<u>SB207</u>				
0-1	14:09	0		42"
1-2	10	↓		↓
2-3	11		Same as 208	
3-4	12			
4-5	13			
<u>SB208</u>				
0-1	13:43	0	Silt and cmf Gravel, little sand, some stone	
1-2	44		fragments	
2-3	45		@2.5' light brown f sand and silt, dry	
3-4	46		some cmf gravel	
4-5	47			
<u>SB209</u>				
0-1	14:45	0	silt, sand f cmf Gravel to	38"
1-2	46	↓	2'	↓
2-3	47		@2' light brown vf sand and silt	
3-4	48		moist	
4-5	49			

Dug 20

MS/MSD

10/10/18

SB210

0-1	14:18
1-2	14:19
2-3	14:20
3-4	14:21
4-5	14:22

○



41"



SB211

can't get w/ rig due to bank

SB212

0-1	15:05 15:11
1-2	06 12
2-3	07 13
3-4	08
4-5	09

○ @ 1' push through 2" rock



42"



38"



SB213

0-1	15:05
1-2	06
2-3	07
3-4	08
4-5	09

○



SB214

0-1	14:55
1-2	56
2-3	56
3-4	
4-5	



40"

SB215

couldn't do due to bank

SB216

0-1	15:18
1-2	19
2-3	20
3-4	21
4-5	15:22

○



silt/sand/cmf Gravel

@ 3' red brown SILT, little cmf gravel & sand, Fe mottling

41"



SB217

0-1	15:23
1-2	24
2-3	25
3-4	26
4-5	15: 27



SB218

0-1	15:1
1-2	
2-3	
3-4	
4-5	





300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

LABELLA REPRESENTATIVE: ED

PURPOSE OF VISIT:

Daily Log Sheet

PROJECT NAME/ LOCATION

Former Luster Coate

Date:

SHEET

JOB:

10/8/18

1 OF 1

2171500

REGULATORY AGENCY REPRESENTATIVE:

Former Luster Coate Site
Additional PCB Delineation

TIME	DESCRIPTION OF WORK PERFORMED	MILLAGE
8:00	LaBella on site: calibrate and set up CAMP units - Try to connect GPS to NYSNET network but network is still down since (since 10/4 afternoon): can not get GPS to fix position for maximum accuracy (generally 1.5-4 ft accuracy w/ DGPS); will proceed with tape measure	
	<u>Current Boring ID</u>	<u>Previously Sampled Boring ID</u>
	136	SB45 (not sampled?)
	137	SB46
	138	SB47
	139	? (top of bank at edge, SB58 was on bank)
	140	inaccessible w/ rig - SB42 not sampled
	141	SB43
	142	SB44
	143	inaccessible w/ rig (down bank)
	144	SB31
	145	SB30
	146	SB29
	147	inaccessible w/ rig (down bank)
	148	SB14
	149	SB15
	150	SB16
	151	SB57 - inaccessible w/ rig (down bank)
	152	SB13/13B (recently sampled 13B)
	153	no labella boring (EPA-13-C2 +)
	154	SB17
	155	SB56 - inaccessible w/ rig (down bank)
	156	+/- SB12 (few feet west due to bank)
	157	no labella boring; +/- EPA-3-B3/BA4-11)
	158	no labella boring
	159	SB18
9:20	start CAMP units; continue grid w/ tape measure on 10' grid spacing	

ED

LaBella Associates, P.C.

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Rochester, New York 14614
585 454-6110

PROJECT NO. 2171482

CALC. BY ____

DATE 10/11/18

SUBJECT USEPA SIP - PCB SOIL BORINGS

CHECK BY ____

DATE ____

SCALE ____

10/11/18 Luster Coate Site - Manual Soil Borings
Attempt SB151/SB57"B" w/ jack hammer; 5' core barrel
on bank; encounter refusal @ 2'; fitting on macrocore
barrel (5' barrel) breaks during hammering; LLC does not
have a spare; do not complete boring beyond 2'.

- GPS all boring locations
- prep/wrap all 2-3' samples for delivery to lab