Memorandum

November 13, 2019

To:	Darryl R. Burgess (Rich Products Corporation)	Ref. No.:	11201734
From:	Christopher P. Martin, PE (GHD)/eew/1-NF	Tel:	716-362-8813
cc:	Kathy Galanti (GHD); Gene Florentino (GHD)		

Subject: **Limited Phase II Investigation Results**
Rich Products Corporation
1145 Niagara Street, Buffalo, New York

At the request of Rich Products Corporation (Rich Products), GHD conducted a Limited Phase II Investigation to evaluate the current soil and groundwater conditions at 1145 Niagara Street, Buffalo, New York (Site). The Site location is shown on Figure 1. Currently, all buildings and infrastructure have been removed and the lot is vacant.

1. Background

Rich Products initiated the Limited Phase II Investigation to evaluate the current conditions at the Site regarding potential impacts to soil and groundwater. The site formerly consisted of three interconnected buildings totaling approximately 200,000 square feet for manufacturing non-dairy food products.

GHD (formerly CRA) completed a Phase I Environmental Site Assessment (ESA) of the Site in October 2010. The report identified three Recognized Environmental Conditions (RECs) and Business Environmental Risks (BERs).

The RECs identified during Phase I activities included the following:

- Former refrigerant underground storage tank (UST) containing ammonia and glycol. This tank was abandoned in place (see Figure 1)
- Potential UST (contents unknown) between the former maintenance building and former office building (see Figure 1)
- Historical Spills
    - One palm kernel oil and two ammonia spills according to site personnel (locations unknown)
    - Eight spills according to New York State Department of Environmental Conservation (NYSDEC) records (specific locations unknown and mostly insignificant or offsite)
        - White substance (listed as unknown petroleum) to sewer
        - Ammonia leak to air
        - 50 gallon diesel fuel on Niagara and Ferry Streets

- Diesel fuel from truck accident on Interstate 190
- Ammonia leak to soil
- Truck accident at Interstate 190/Peace Bridge
- Unknown white substance draining from grate onto soil
- 50 gal polychlorinated biphenyl (PCB) oil leak from rooftop transformer

The BERs from the Phase I included the following:

- Former Auto Body Shop (potential petroleum contamination)
- Historic Site Usage (former industrial usage)
- Historic Residences (potential heating oil contamination)

2. Scope of Work

The Limited Phase II Investigation included the installation of six soil borings and temporary wells in four of the six borings. Borings were cleared for utilities prior to the commencement of work by calling 811 (Dig Safely New York) for public utility locating services followed by a secondary clearance using a private utility locator. Ground penetrating radar (GPR) and an electromagnetic pipe locator were used to clear a 20-ft. x 20-ft. area around each proposed boring location. GHD retained TREC Environmental, Inc. (TREC) to perform the drilling and well installations. Soil boring and temporary well locations are presented on Figure 1.

All borings were drilled to the top of bedrock. Bedrock was encountered at approximately 8.5-ft. below ground surface (BGS) in SB-01 (upgradient) and 12.5-ft. BGS in SB-05 (downgradient). The plan was to collect one soil sample from each soil boring at the most apparent contaminated depth interval (based on the highest volatile organic compound [VOC] readings using a photoionization detector [PID], visual observations [discoloration, texture], or odors); or the top of the water table if no apparent contamination was encountered. There were no PID readings or odors observed in any of the borings, and minimal discolorations, other than a minor amount of black soils mainly consisting of slag material in SB-01 and SB-03. Soil samples were tested for VOCs, semi-volatile organic compounds (SVOCs), PCBs, and metals. Table 2.1 summarizes the soil samples collected for analysis.

Table 2.1 Subsurface Soil Sampling

Boring ID	Location	Depth (ft bgs)	Soil Type
SB-01	Upgradient	7-8	Clay with sand
SB-02	Mid-gradient	4-5	Clay with gravel
SB-03	Mid-gradient	3-4	Slag
SB-04	Downgradient	10.5-11.5	Clay
SB-05	Downgradient	11-12	Sand
SB-06	Downgradient	7.5-8.5	Clay

The soils were dry to moist during drilling and were predominantly clay. Initial static water levels in the completed wells ranged from 6-ft. to 12-ft. BGS with very poor recharge (except SB-05). After a month, static

water levels in the wells were measured to be 5-ft. to 6-ft. BGS, again with poor recharge (except SB-05). Temporary wells were constructed in four of the six borings (SB-01, SB-04, SB-05, and SB-06). The wells were constructed with 1-inch inner diameter threaded, flush-jointed polyvinyl chloride (PVC) casing and screens, with a sand pack extending 0.5- ft. to 1.5-ft. above the top of the screen followed by 0.5 ft. to 2 ft. of bentonite seal (see Table 2.2). The two remaining borings (SB-02 and SB-03) were backfilled with native soils to ground surface.

Table 2.2 Temporary Well Construction

Boring ID	Total Depth (ft bgs)	Screened Interval (ft bgs)	Sand Interval (ft bgs)	Bentonite Seal (ft bgs)
SB-01	9.3	3.5-8.5	2.5-8.5	0.5-2.5
SB-04	11.6	1.6-11.6	1.0-11.6	0.5-1.0
SB-05	12.5	2.5-12.5	1.0-12.5	0.5-1.0
SB-06	12.1	2.0-12.0	1.5-12.0	0.5-1.0

Groundwater samples were collected from the four temporary wells on August 28, 2019 (Round 1). However, due to poor recharge, sample collection was limited to the following parameters:

- SB-01: VOCs and metals only
- SB-04: VOCs only
- SB-05: VOCS, SVOCs, PCBs, and metals
- SB-06: VOCs and metals only

On October 9 and 10, 2019, the temporary wells were resampled (Round 2), and all parameters (VOCs, SVOCs, PCBs, pesticides, and metals) were collected from all four temporary wells. Filtered and unfiltered metals were collected during both sampling events due to high turbidity (>1000 Nephelometric Turbidity Units [NTUs]). Sample results are presented in Section 3.

Based on water levels collected on August 28, 2019, groundwater flow was to the west. Water levels were measured again on September 27, 2019, to allow the wells to equilibrate. Groundwater flow was determined to be to the northwest (see Figure 2).

3. Analytical Results

Subsurface soil and groundwater results are presented on Tables 3.1 and 3.2, respectively. The following is a summary of the contaminants of concern.

3.1 Soil Results

Low levels of several VOCs, SVOCs, and metals were detected in the soil samples (see Table 3.1). All compounds met the applicable commercial and industrial soil cleanup objectives. Acetone was the only compound detected above the applicable unrestricted use soil cleanup objective of 0.05 mg/kg in SB-01 (upgradient, 7 - 8 ft. BGS) at 0.074 milligrams per kilogram (mg/kg), and SB-03 (mid-gradient, 3 – 4 ft. BGS)

at 0.11 mg/kg. Acetone is a common laboratory contaminant, and since it was not detected in the groundwater, these detections are likely not site related. No PCBs were detected in any of the soil samples.

3.2 Groundwater Results

Groundwater samples were collected from the four wells installed at the site on August 28, 2019. Following installation, the wells were developed by purging three well volumes using a peristaltic pump. After purging, the wells were sampled using a peristaltic pump with dedicated tubing and/or dedicated polyethylene bailers.

Initially, not all wells were sampled for all parameters due to the limited amount of available groundwater immediately after installation (Round 1); however, all parameters were collected approximately 6 weeks after well installations (Round 2). Sample results are presented in Table 3.2. Compounds that exceeded the applicable New York State groundwater criteria are presented on Figure 3. The following is a summary of groundwater exceedances:

VOCs

- **Dichlorodifluoromethane (CFC-12):** SB-01 (upgradient, above criteria in both rounds) at 0.078 milligrams/liter (mg/L) during Round 1 and 0.012 mg/L during Round 2. NYSDEC Class GA groundwater standard is 0.005 mg/L.
- **Trichlorofluoromethane (CFC-11):** SB-01 (upgradient, above criteria in both rounds) at 0.018 mg/L (Round 1) and 0.012 mg/L (Round 2); and SB-04 (downgradient, above criteria in Round 1, and below criteria in Round 2) at 0.0051 mg/L (Round 1) and 0.0039 mg/L (Round 2). The NYSDEC Class GA groundwater standard is 0.005 mg/L.

SVOCs

- **bis(2-Ethylhexyl)phthalate:** SB-05 (downgradient, above criteria in round 1, and below criteria in Round 2) at an estimated concentration of 0.022J (Round 1) and non-detect (Round 2). The NYSDEC Class GA groundwater standard is 0.005 mg/L. This compound is a common field and laboratory contaminant from protective gloves and is not likely site related.

PCBs

- None detected

Pesticides

- **gamma Chlordane:** SB-01 (upgradient) at 0.000074 mg/L (Round 2). The NYSDEC Class GA groundwater standard is 0.00005 mg/L: and
- **alpha-BHC:** SB-05 (downgradient) at an estimated concentration of 0.00002J mg/L. The NYSDEC Class GA groundwater standard) is 0.00001 mg/L.

Pesticides were not sampled in Round 1.

Metals

Several total metals exceeded groundwater standards: arsenic, barium, chromium, copper, iron, lead, manganese, nickel, and sodium. This is to be expected due to the high turbidity (>1000 NTUs) of the samples. Of these metals, two exceeded groundwater criteria in filtered samples:

- **Manganese (dissolved):** SB-05 (downgradient) at 0.32 mg/L in Round 1, but below criteria in Round 2, and SB-06 at 0.34 mg/L in Round 2 (no sample was collected in Round 1). The NYSDEC Class GA groundwater standard is 0.3 mg/L; and
- **Sodium (dissolved):** SB-01 (upgradient) at 55B mg/L in Round 1, and 76 mg/L in Round 2; SB-4 (downgradient) at 200 mg/L in Round 2 (no sample was collected in Round 1); SB-5 (downgradient) at 180B mg/L in Round 1, and 190 mg/L in Round 2; and SB-06 (downgradient) at 1500 mg/L in Round 2 (no sample was collected in Round 1). The NYSDEC Class GA groundwater standard is 20 mg/L.

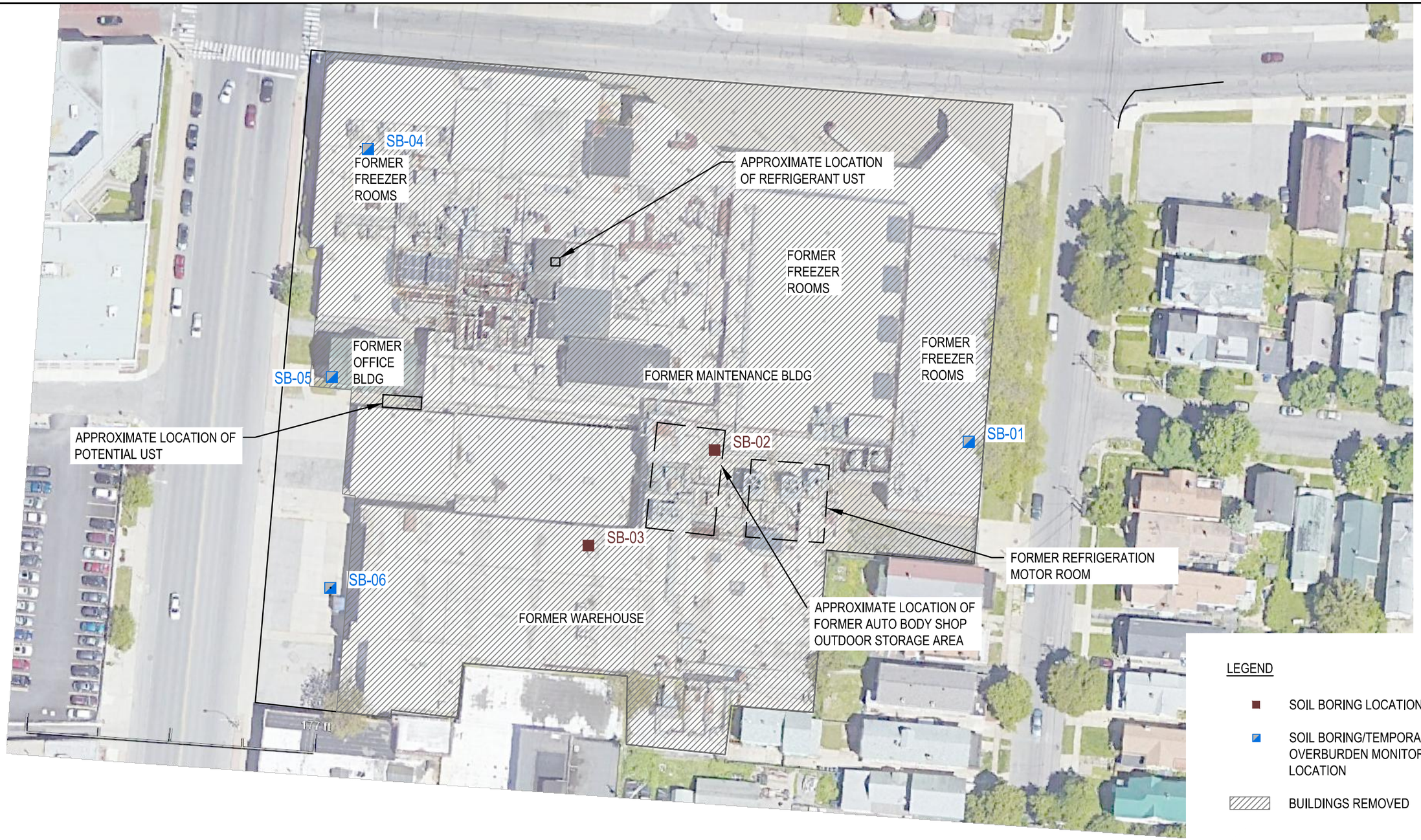
"B" qualifier indicates it was also detected in the blank sample.

4. Summary and Conclusions

Subsurface soils did not contain any contaminants above criteria that were attributable to site activities. Acetone in SB-01 and SB-03 was the only compound detected above unrestricted soil cleanup objectives, and is a common laboratory contaminant.

Groundwater has been slightly impacted by two VOC compounds (dichlorodifluoromethane [CFC-12] and trichlorofluoromethane [CFC-11]) that are likely from site activities due to the use of multiple freezer rooms, and the presence of a refrigerant UST. Bis-(2-ethylhexyl) phthalate was the only SVOC detected above groundwater criteria, but is a common field and laboratory contaminant and likely not attributable to Site use. There were no PCBs detected and two pesticides were detected above criteria; however, given the nature of the site use (food manufacturing) and little green-space associated with the former manufacturing facility, the pesticides are not likely associated with site activities. Lastly, several metals were detected above criteria; however, most of the exceedances were total metals, and these metals, with the exception of manganese and sodium, were not above criteria in filtered samples. Manganese and sodium are common metals that are generally naturally occurring in the environment. Therefore, metals are not of concern.

In conclusion, based on the limited Phase II investigation, the subsurface soils and groundwater beneath the 1145 Niagara Street Site have not been significantly impacted by site activities.



0 60' 120'

N

GHD

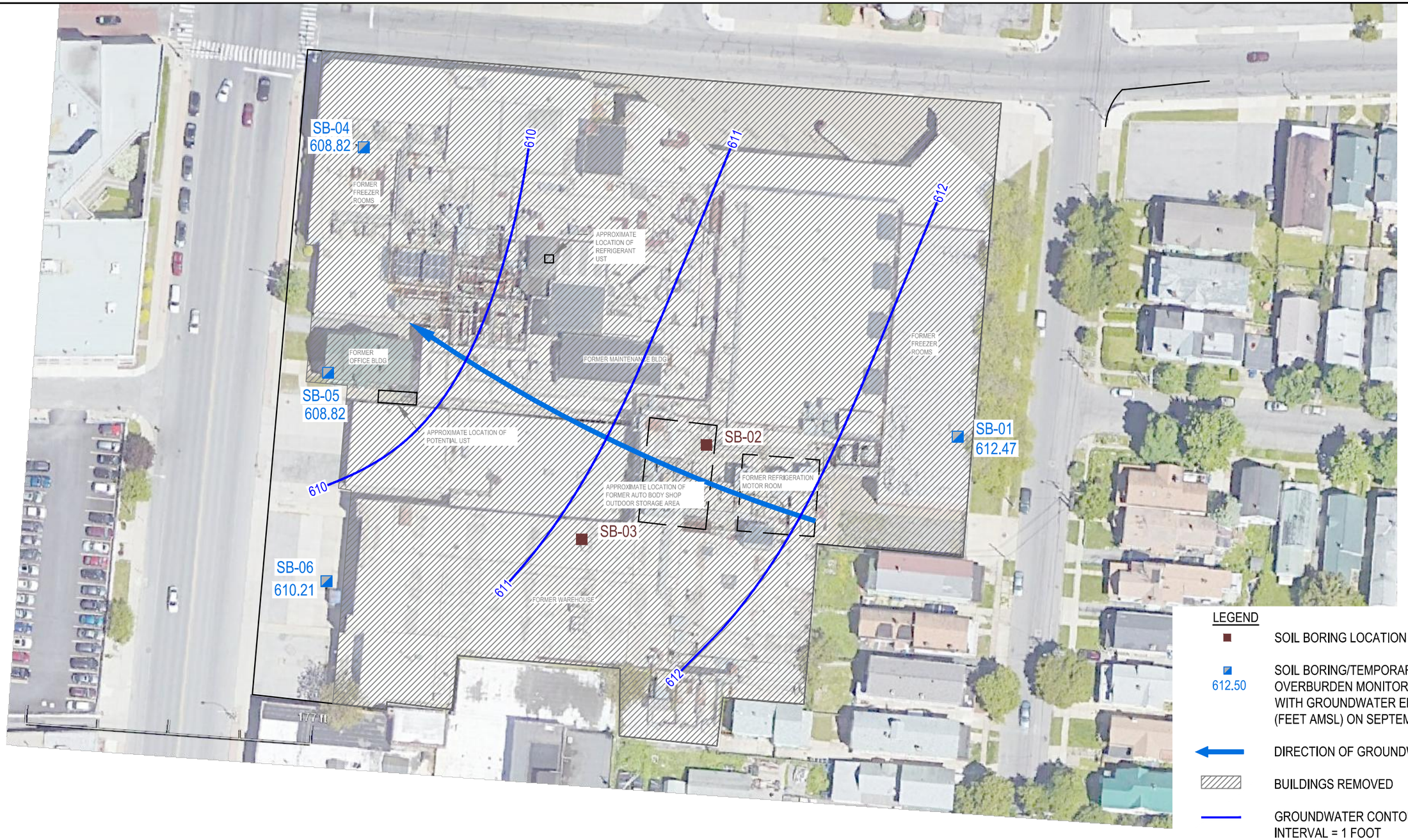
RICH PRODUCTS
1145 NIAGARA STREET - BUFFALO, NEW YORK
PHASE II

11200595
Nov 6, 2019

BORING / TEMPORARY MONITORING WELL LOCATION MAP

FIGURE 1

CAD File: N:\US\Niagara Falls\Legacy\Drawings\11200000s\11200595\PHASE II\CADD\Drawings\Figures\11200595-FIG001.dwg



0 60' 120'

N

GHD

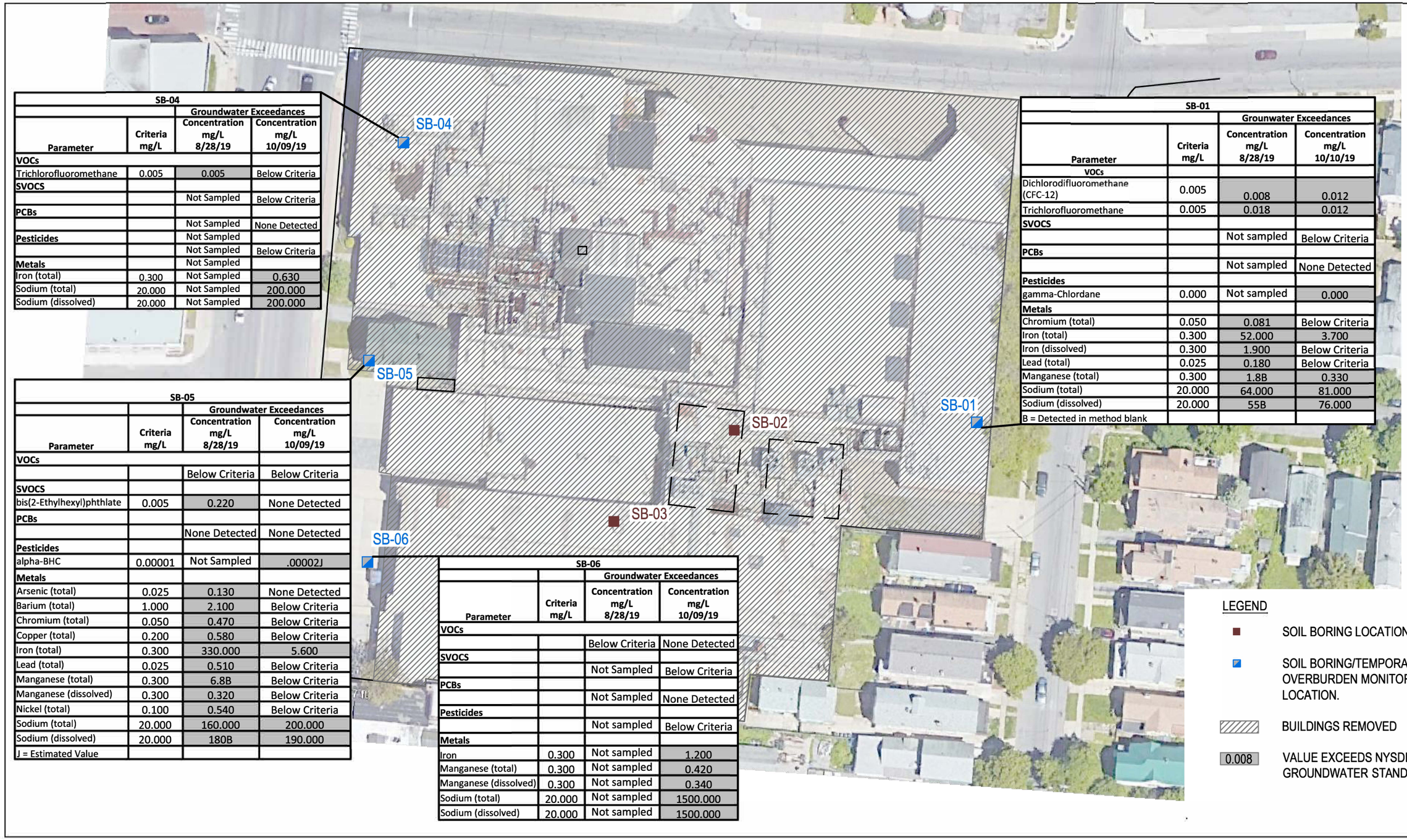
RICH PRODUCTS
1145 NIAGARA STREET - BUFFALO, NEW YORK
PHASE II

11200595
Nov 6, 2019

GROUNDWATER ELEVATION MAP

FIGURE 2

CAD File: N:\US\Niagara Falls\Legacy\Drawings\11200000s\11200595\PHASE II\CADD\Drawings\Figures\11200595-FIG002.dwg



SB-04

Parameter	Criteria mg/L	Groundwater Exceedances Concentration mg/L 8/28/19	Concentration mg/L 10/09/19
VOCs			
Trichlorofluoromethane	0.005	0.005	Below Criteria
SVOCS			
		Not Sampled	Below Criteria
PCBs			
		Not Sampled	None Detected
Pesticides		Not Sampled	
		Not Sampled	Below Criteria
Metals		Not Sampled	
Iron (total)	0.300	Not Sampled	0.630
Sodium (total)	20.000	Not Sampled	200.000
Sodium (dissolved)	20.000	Not Sampled	200.000

SB-05

Parameter	Criteria mg/L	Groundwater Exceedances Concentration mg/L 8/28/19	Concentration mg/L 10/09/19
VOCs			
		Below Criteria	Below Criteria
SVOCS			
bis(2-Ethylhexyl)phthlate	0.005	0.220	None Detected
PCBs			
		None Detected	None Detected
Pesticides			
alpha-BHC	0.00001	Not Sampled	.00002J
Metals			
Arsenic (total)	0.025	0.130	None Detected
Barium (total)	1.000	2.100	Below Criteria
Chromium (total)	0.050	0.470	Below Criteria
Copper (total)	0.200	0.580	Below Criteria
Iron (total)	0.300	330.000	5.600
Lead (total)	0.025	0.510	Below Criteria
Manganese (total)	0.300	6.8B	Below Criteria
Manganese (dissolved)	0.300	0.320	Below Criteria
Nickel (total)	0.100	0.540	Below Criteria
Sodium (total)	20.000	160.000	200.000
Sodium (dissolved)	20.000	180B	190.000
J = Estimated Value			

SB-06

Parameter	Criteria mg/L	Groundwater Exceedances Concentration mg/L 8/28/19	Concentration mg/L 10/09/19
VOCs			
		Below Criteria	None Detected
SVOCS			
		Not Sampled	Below Criteria
PCBs			
		Not Sampled	None Detected
Pesticides			
		Not sampled	Below Criteria
Metals			
Iron	0.300	Not sampled	1.200
Manganese (total)	0.300	Not sampled	0.420
Manganese (dissolved)	0.300	Not sampled	0.340
Sodium (total)	20.000	Not sampled	1500.000
Sodium (dissolved)	20.000	Not sampled	1500.000

SB-01

Parameter	Criteria mg/L	Grounwater Exceedances Concentration mg/L 8/28/19	Concentration mg/L 10/10/19
VOCs			
Dichlorodifluoromethane (CFC-12)	0.005	0.008	0.012
Trichlorofluoromethane	0.005	0.018	0.012
SVOCS			
		Not sampled	Below Criteria
PCBs			
		Not sampled	None Detected
Pesticides			
gamma-Chlordane	0.000	Not sampled	0.000
Metals			
Chromium (total)	0.050	0.081	Below Criteria
Iron (total)	0.300	52.000	3.700
Iron (dissolved)	0.300	1.900	Below Criteria
Lead (total)	0.025	0.180	Below Criteria
Manganese (total)	0.300	1.8B	0.330
Sodium (total)	20.000	64.000	81.000
Sodium (dissolved)	20.000	55B	76.000
B = Detected in method blank			

LEGEND

- SOIL BORING LOCATION
- SOIL BORING/TEMPORARY OVERBURDEN MONITORING WELL LOCATION.
- BUILDINGS REMOVED
- 0.008 — VALUE EXCEEDS NYSDEC CLASS GA GROUNDWATER STANDARD.

0 60' 120'

N

RICH PRODUCTS
1145 NIAGARA STREET - BUFFALO, NEW YORK
PHASE II

GROUNDWATER EXCEEDANCE MAP

11200595
Nov 11, 2019

FIGURE 3

CAD File: N:\US\Niagara Falls\Legacy\Drawings\11200000s\11200595\PHASE II\CADD\Drawings\Figures\11200595-FIG003.1.dwg

Table 3.1

Analytical Results Summary
Soil Sample Results
Limited Phase II Investigation Results
Rich Products Corporation
1145 Niagara Street, Buffalo, New York

Sample Location:					SB-01	SB-02	SB-03	SB-04	SB-05	SB-06
Sample Identification:	NYSDEC	NYSDEC	NYSDEC		11201734-SB-01-(7.0-8.0)-S	11201734-SB-02-(4.0-5.0)-S	11201734-SB-03-(3.0-4.0)-S	11201734-SB-04-(10.5-11.5)-S	11201734-SB-05-(11.0-12.0)-S	11201734-SB-06-(7.5-8.5)-S
Sample Date:	Part 375-6.8 [1]	Part 375-6.8 [1]	Part 375-6.8 [1]		8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019
Sample Depth:	Unrestricted Use [a]	Commerical Use [b]	Industrial Use [c]		(7-8) ft bgs	(4-5) ft bgs	(3-4) ft bgs	(10.5-11.5) ft bgs	(11-12) ft bgs	(7.5-8.5) ft bgs
Parameters	**Units**									
Volatile Organic Compounds										
1,1,1-Trichloroethane	mg/kg	0.68	500	1000	0.00034 U	0.00029 U	0.00031 U	**0.0004 J**	0.0003 U	0.00029 U
1,1,2,2-Tetrachloroethane	mg/kg				0.00076 U	0.00066 U	0.0007 U	0.0006 U	0.00067 U	0.00064 U
1,1,2-Trichloroethane	mg/kg				0.00061 U	0.00053 U	0.00056 U	0.00048 U	0.00054 U	0.00051 U
1,1-Dichloroethane	mg/kg	0.27	240	480	0.00057 U	0.0005 U	0.00053 U	0.00045 U	0.0005 U	0.00048 U
1,1-Dichloroethene	mg/kg	0.33	500	1000	0.00057 U	0.0005 U	0.00053 U	0.00045 U	0.00051 U	0.00048 U
1,2,4-Trichlorobenzene	mg/kg				0.00028 U	0.00025 U	0.00026 U	0.00022 U	0.00025 U	0.00024 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg				0.0023 U	0.002 U	0.0022 U	0.0018 U	0.0021 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg				0.0006 U	0.00052 U	0.00055 U	0.00047 U	0.00053 U	0.00051 U
1,2-Dichlorobenzene	mg/kg	1.1	500	1000	0.00036 U	0.00032 U	0.00034 U	0.00029 U	0.00032 U	0.00031 U
1,2-Dichloroethane	mg/kg	0.02	30	60	0.00023 U	0.0002 U	0.00022 U	0.00019 U	0.00021 U	0.0002 U
1,2-Dichloropropane	mg/kg				0.0023 U	0.002 U	0.0022 U	0.0018 U	0.0021 U	0.002 U
1,3-Dichlorobenzene	mg/kg	2.4	280	560	0.00024 U	0.00021 U	0.00022 U	0.00019 U	0.00021 U	0.0002 U
1,4-Dichlorobenzene	mg/kg	1.8	130	250	0.00065 U	0.00057 U	0.0006 U	0.00052 U	0.00058 U	0.00055 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.12	500	1000	0.0017 U	0.0015 U	**0.0088 J**	0.0014 U	0.0015 U	0.0014 U
2-Hexanone	mg/kg				0.0023 U	0.002 U	0.0022 U	0.0018 U	0.0021 U	0.002 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg				0.0015 U	0.0013 U	0.0014 U	0.0012 U	0.0014 U	0.0013 U
Acetone	mg/kg	0.05	500	1000	**0.074** [a]	**0.01 J**	**0.11** [a]	**0.016 J**	0.0035 U	**0.041**
Benzene	mg/kg	0.06	44	89	0.00023 U	0.0002 U	0.00021 U	**0.00021 J**	0.0002 U	0.00019 U
Bromodichloromethane	mg/kg				0.00063 U	0.00054 U	0.00058 U	0.00049 U	0.00055 U	0.00053 U
Bromoform	mg/kg				0.0023 U	0.002 U	0.0022 U	0.0018 U	0.0021 U	0.002 U
Bromomethane (Methyl bromide)	mg/kg				0.00042 U	0.00037 U	0.00039 U	0.00033 U	0.00037 U	0.00036 U
Carbon disulfide	mg/kg				0.0023 U	0.002 U	0.0022 U	0.0018 U	0.0021 U	0.002 U
Carbon tetrachloride	mg/kg	0.76	22	44	0.00045 U	0.00039 U	0.00042 U	0.00036 U	0.0004 U	0.00038 U
Chlorobenzene	mg/kg	1.1	500	1000	0.00062 U	0.00054 U	0.00057 U	0.00049 U	0.00055 U	0.00052 U
Chloroethane	mg/kg				0.0011 U	0.00092 U	0.00098 U	0.00083 U	0.00093 U	0.00089 U
Chloroform (Trichloromethane)	mg/kg	0.37	350	700	0.00029 U	0.00025 U	0.00027 U	0.00023 U	0.00026 U	0.00024 U
Chloromethane (Methyl chloride)	mg/kg				0.00028 U	0.00025 U	0.00026 U	0.00022 U	0.00025 U	0.00024 U
cis-1,2-Dichloroethene	mg/kg	0.25	500	1000	0.0006 U	0.00052 U	0.00055 U	0.00047 U	0.00053 U	0.00051 U
cis-1,3-Dichloropropene	mg/kg				0.00067 U	0.00058 U	0.00062 U	0.00053 U	0.00059 U	0.00057 U
Cyclohexane	mg/kg				0.00065 U	0.00057 U	**0.00098 J**	0.00052 U	0.00058 U	0.00055 U
Dibromochloromethane	mg/kg				0.0006 U	0.00052 U	0.00055 U	0.00047 U	0.00053 U	0.00051 U
Dichlorodifluoromethane (CFC-12)	mg/kg				0.00039 U	0.00034 U	**0.00037 J**	0.0003 U	0.00034 U	0.00033 U
Ethylbenzene	mg/kg	1	390	780	0.00032 U	**0.0005 J**	**0.00033 J**	0.00025 U	0.00029 U	0.00027 U
Isopropyl benzene	mg/kg				0.0007 U	0.00061 U	0.00065 U	0.00056 U	0.00062 U	0.0006 U
Methyl acetate	mg/kg				0.0028 U	0.0025 U	0.0026 U	0.0022 U	0.0025 U	0.0024 U
Methyl cyclohexane	mg/kg				0.00071 U	**0.0013 J**	0.00066 U	0.00056 U	0.00063 U	0.0006 U
Methyl tert butyl ether (MTBE)	mg/kg	0.93	500	1000	0.00046 U	0.0004 U	0.00042 U	0.00036 U	0.00041 U	0.00039 U
Methylene chloride	mg/kg	0.05	500	1000	0.0021 U	**0.0024 JB**	**0.002 JB**	**0.002 JB**	**0.0029 JB**	0.0018 U
Styrene	mg/kg				0.00023 U	**0.00082 J**	0.00022 U	0.00018 U	0.00021 U	0.0002 U
Tetrachloroethene	mg/kg	1.3	150	300	0.00063 U	0.00055 U	0.00058 U	0.0005 U	0.00055 U	0.00053 U
Toluene	mg/kg	0.7	500	1000	**0.0004 J**	**0.00088 J**	**0.00061 J**	**0.0016 J**	0.00031 U	**0.00046 J**
trans-1,2-Dichloroethene	mg/kg	0.19	500	1000	0.00048 U	0.00042 U	0.00045 U	0.00038 U	0.00043 U	0.00041 U
trans-1,3-Dichloropropene	mg/kg				0.0021 U	0.0018 U	0.0019 U	0.0016 U	0.0018 U	0.0017 U
Trichloroethene	mg/kg	0.47	200	400	0.001 U	0.00089 U	0.00095 U	0.00081 U	0.00091 U	0.00087 U
Trichlorofluoromethane (CFC-11)	mg/kg				0.00044 U	**0.004 J**	**0.0035 J**	0.00035 U	0.00039 U	0.00037 U

Table 3.1

Analytical Results Summary
Soil Sample Results
Limited Phase II Investigation Results
Rich Products Corporation
1145 Niagara Street, Buffalo, New York

Sample Location:					SB-01	SB-02	SB-03	SB-04	SB-05	SB-06
Sample Identification:		NYSDEC	NYSDEC	NYSDEC	11201734-SB-01-(7.0-8.0)-S	11201734-SB-02-(4.0-5.0)-S	11201734-SB-03-(3.0-4.0)-S	11201734-SB-04-(10.5-11.5)-S	11201734-SB-05-(11.0-12.0)-S	11201734-SB-06-(7.5-8.5)-S
Sample Date:		Part 375-6.8 [1]	Part 375-6.8 [1]	Part 375-6.8 [1]	8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019
Sample Depth:		Unrestricted Use [a]	Commerical Use [b]	Industrial Use [c]	(7-8) ft bgs	(4-5) ft bgs	(3-4) ft bgs	(10.5-11.5) ft bgs	(11-12) ft bgs	(7.5-8.5) ft bgs
Parameters	**Units**									
Volatile Organic Compounds (Continued)										
Trifluorotrichloroethane (CFC-113)	mg/kg				0.0011 U	0.00093 U	0.00098 U	0.00084 U	0.00094 U	0.0009 U
Vinyl chloride	mg/kg	0.02	13	27	0.00057 U	0.0005 U	0.00053 U	0.00045 U	0.0005 U	0.00048 U
Xylenes (total)	mg/kg	0.26	500	1000	0.00078 U	**0.0021 J**	**0.002 J**	0.00062 U	0.00069 U	0.00066 U
Semi-Volatile Organic Compounds										
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg				0.038 U	0.037 U	0.2 U	0.038 U	0.037 U	0.038 U
2,4,5-Trichlorophenol	mg/kg				0.052 U	0.05 U	0.27 U	0.051 U	0.05 U	0.051 U
2,4,6-Trichlorophenol	mg/kg				0.038 U	0.037 U	0.2 U	0.038 U	0.037 U	0.038 U
2,4-Dichlorophenol	mg/kg				0.02 U	0.02 U	0.1 U	0.02 U	0.02 U	0.02 U
2,4-Dimethylphenol	mg/kg				0.046 U	0.045 U	0.24 U	0.046 U	0.045 U	0.046 U
2,4-Dinitrophenol	mg/kg				0.89 U	0.86 U	4.6 U	0.88 U	0.86 U	0.87 U
2,4-Dinitrotoluene	mg/kg				0.04 U	0.038 U	0.2 U	0.039 U	0.038 U	0.039 U
2,6-Dinitrotoluene	mg/kg				0.023 U	0.022 U	0.12 U	0.022 U	0.022 U	0.022 U
2-Chloronaphthalene	mg/kg				0.032 U	0.031 U	0.16 U	0.031 U	0.031 U	0.031 U
2-Chlorophenol	mg/kg				0.035 U	0.034 U	0.18 U	0.035 U	0.034 U	0.035 U
2-Methylnaphthalene	mg/kg				0.038 U	0.037 U	0.2 U	0.038 U	0.037 U	0.038 U
2-Methylphenol	mg/kg	0.33	500	1000	0.023 U	0.022 U	0.12 U	0.022 U	0.022 U	0.022 U
2-Nitroaniline	mg/kg				0.028 U	0.027 U	0.15 U	0.028 U	0.027 U	0.028 U
2-Nitrophenol	mg/kg				0.054 U	0.052 U	0.28 U	0.054 U	0.052 U	0.054 U
3,3'-Dichlorobenzidine	mg/kg				0.23 U	0.22 U	1.2 U	0.22 U	0.22 U	0.22 U
3-Nitroaniline	mg/kg				0.053 U	0.051 U	0.27 U	0.053 U	0.051 U	0.052 U
4,6-Dinitro-2-methylphenol	mg/kg				0.19 U	0.19 U	0.99 U	0.19 U	0.19 U	0.19 U
4-Bromophenyl phenyl ether	mg/kg				0.027 U	0.026 U	0.14 U	0.027 U	0.026 U	0.027 U
4-Chloro-3-methylphenol	mg/kg				0.048 U	0.046 U	0.24 U	0.047 U	0.046 U	0.047 U
4-Chloroaniline	mg/kg				0.048 U	0.046 U	0.24 U	0.047 U	0.046 U	0.047 U
4-Chlorophenyl phenyl ether	mg/kg				0.024 U	0.023 U	0.12 U	0.023 U	0.023 U	0.023 U
4-Methylphenol	mg/kg	0.33	500	1000	0.023 U	0.022 U	0.12 U	0.022 U	0.022 U	0.022 U
4-Nitroaniline	mg/kg				0.1 U	0.097 U	0.52 U	0.099 U	0.097 U	0.099 U
4-Nitrophenol	mg/kg				0.13 U	0.13 U	0.69 U	0.13 U	0.13 U	0.13 U
Acenaphthene	mg/kg	20	500	1000	0.028 U	0.027 U	0.15 U	0.028 U	0.027 U	0.028 U
Acenaphthylene	mg/kg	100	500	1000	0.025 U	0.024 U	0.13 U	0.025 U	0.024 U	0.025 U
Acetophenone	mg/kg				0.026 U	0.025 U	0.13 U	0.026 U	0.025 U	0.026 U
Anthracene	mg/kg	100	500	1000	0.048 U	0.046 U	0.24 U	0.047 U	0.046 U	0.047 U
Atrazine	mg/kg				0.067 U	0.064 U	0.34 U	0.066 U	0.064 U	0.066 U
Benzaldehyde	mg/kg				0.15 U	0.15 U	0.79 U	0.15 U	0.15 U	0.15 U
Benzo(a)anthracene	mg/kg	1	5.6	11	0.019 U	**0.059 J**	**0.25 J**	0.019 U	0.019 U	0.019 U
Benzo(a)pyrene	mg/kg	1	1	1.1	0.028 U	**0.062 J**	**0.28 J**	0.028 U	0.027 U	0.028 U
Benzo(b)fluoranthene	mg/kg	1	5.6	11	0.031 U	**0.087 J**	**0.35 J**	0.03 U	0.029 U	0.03 U
Benzo(g,h,i)perylene	mg/kg	100	500	1000	0.02 U	**0.035 J**	**0.15 J**	0.02 U	0.02 U	0.02 U
Benzo(k)fluoranthene	mg/kg	0.8	56	110	0.025 U	**0.029 J**	**0.14 J**	0.025 U	0.024 U	0.025 U
Biphenyl (1,1-Biphenyl)	mg/kg				0.028 U	0.027 U	0.15 U	0.028 U	0.027 U	0.028 U
bis(2-Chloroethoxy)methane	mg/kg				0.041 U	0.039 U	0.21 U	0.04 U	0.039 U	0.04 U
bis(2-Chloroethyl)ether	mg/kg				0.025 U	0.024 U	0.13 U	0.025 U	0.024 U	0.025 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg				0.066 U	**0.26**	0.34 U	**0.084 J**	0.063 U	0.065 U
Butyl benzylphthalate (BBP)	mg/kg				0.032 U	0.031 U	**0.45 J**	0.031 U	0.031 U	0.031 U

Table 3.1

Analytical Results Summary
Soil Sample Results
Limited Phase II Investigation Results
Rich Products Corporation
1145 Niagara Street, Buffalo, New York

Sample Location:					SB-01	SB-02	SB-03	SB-04	SB-05	SB-06
Sample Identification:		NYSDEC	NYSDEC	NYSDEC	11201734-SB-01-(7.0-8.0)-S	11201734-SB-02-(4.0-5.0)-S	11201734-SB-03-(3.0-4.0)-S	11201734-SB-04-(10.5-11.5)-S	11201734-SB-05-(11.0-12.0)-S	11201734-SB-06-(7.5-8.5)-S
Sample Date:		Part 375-6.8 [1]	Part 375-6.8 [1]	Part 375-6.8 [1]	8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019
Sample Depth:		Unrestricted Use [a]	Commerical Use [b]	Industrial Use [c]	(7-8) ft bgs	(4-5) ft bgs	(3-4) ft bgs	(10.5-11.5) ft bgs	(11-12) ft bgs	(7.5-8.5) ft bgs
Parameters	**Units**									
Semi-Volatile Organic Compounds (Continued)										
Caprolactam	mg/kg				0.058 U	0.056 U	0.3 U	0.057 U	0.056 U	0.057 U
Carbazole	mg/kg				0.023 U	0.022 U	0.12 U	0.022 U	0.022 U	0.022 U
Chrysene	mg/kg	1	56	110	0.043 U	**0.068 J**	**0.29 J**	0.042 U	0.041 U	0.042 U
Dibenz(a,h)anthracene	mg/kg	0.33	0.56	1.1	0.034 U	0.033 U	0.17 U	0.034 U	0.033 U	0.033 U
Dibenzofuran	mg/kg	7	350	1000	0.023 U	0.022 U	0.12 U	0.022 U	0.022 U	0.022 U
Diethyl phthalate	mg/kg				0.025 U	0.024 U	0.13 U	0.025 U	0.024 U	0.025 U
Dimethyl phthalate	mg/kg				0.023 U	0.022 U	0.12 U	0.022 U	0.022 U	0.022 U
Di-n-butylphthalate (DBP)	mg/kg				0.033 U	0.032 U	0.17 U	0.032 U	0.032 U	0.032 U
Di-n-octyl phthalate (DnOP)	mg/kg				0.023 U	0.022 U	0.12 U	0.022 U	0.022 U	0.022 U
Fluoranthene	mg/kg	100	500	1000	0.02 U	**0.15 J**	**0.58 J**	0.02 U	0.02 U	0.02 U
Fluorene	mg/kg	30	500	1000	0.023 U	0.022 U	0.12 U	0.022 U	0.022 U	0.022 U
Hexachlorobenzene	mg/kg	0.33	6	12	0.026 U	0.025 U	0.13 U	0.026 U	0.025 U	0.026 U
Hexachlorobutadiene	mg/kg				0.028 U	0.027 U	0.15 U	0.028 U	0.027 U	0.028 U
Hexachlorocyclopentadiene	mg/kg				0.026 U	0.025 U	0.13 U	0.026 U	0.025 U	0.026 U
Hexachloroethane	mg/kg				0.025 U	0.024 U	0.13 U	0.025 U	0.024 U	0.025 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	5.6	11	0.024 U	**0.038 J**	**0.17 J**	0.023 U	0.023 U	0.023 U
Isophorone	mg/kg				0.041 U	0.039 U	0.21 U	0.04 U	0.039 U	0.04 U
Naphthalene	mg/kg	12	500	1000	0.025 U	0.024 U	0.13 U	0.025 U	0.024 U	0.025 U
Nitrobenzene	mg/kg				0.022 U	0.021 U	0.11 U	0.021 U	0.021 U	0.021 U
N-Nitrosodi-n-propylamine	mg/kg				0.033 U	0.032 U	0.17 U	0.032 U	0.032 U	0.032 U
N-Nitrosodiphenylamine	mg/kg				0.16 U	0.15 U	0.8 U	0.15 U	0.15 U	0.15 U
Pentachlorophenol	mg/kg	0.8	6.7	55	0.19 U	0.19 U	0.99 U	0.19 U	0.19 U	0.19 U
Phenanthrene	mg/kg	100	500	1000	0.028 U	**0.088 J**	**0.36 J**	0.028 U	0.027 U	0.028 U
Phenol	mg/kg	0.33	500	1000	0.029 U	0.028 U	0.15 U	0.029 U	0.028 U	0.029 U
Pyrene	mg/kg	100	500	1000	0.023 U	**0.11 J**	**0.44 J**	0.022 U	0.022 U	0.022 U
PCBs										
Aroclor-1016 (PCB-1016)	mg/kg	0.1	1	25	0.047 U	0.043 U	0.041 U	0.040 U	0.045 U	0.044 U
Aroclor-1221 (PCB-1221)	mg/kg	0.1	1	25	0.047 U	0.043 U	0.041 U	0.040 U	0.045 U	0.044 U
Aroclor-1232 (PCB-1232)	mg/kg	0.1	1	25	0.047 U	0.043 U	0.041 U	0.040 U	0.045 U	0.044 U
Aroclor-1242 (PCB-1242)	mg/kg	0.1	1	25	0.047 U	0.043 U	0.041 U	0.040 U	0.045 U	0.044 U
Aroclor-1248 (PCB-1248)	mg/kg	0.1	1	25	0.047 U	0.043 U	0.041 U	0.040 U	0.045 U	0.044 U
Aroclor-1254 (PCB-1254)	mg/kg	0.1	1	25	0.11 U	0.10 U	0.097 U	0.095 U	0.11 U	0.11 U
Aroclor-1260 (PCB-1260)	mg/kg	0.1	1	25	0.11 U	0.10 U	0.097 U	0.095 U	0.11 U	0.11 U
Metals										
Aluminum	mg/kg				**8600**	**11000**	**12000**	**10000**	**12000**	**13000**
Antimony	mg/kg				0.45 U	0.47 U	0.49 U	0.43 U	0.45 U	0.45 U
Arsenic	mg/kg	13	16	16	**2.1 J**	**2.8**	**4.0**	**2.1 J**	**3.6**	**2.5**
Barium	mg/kg	350	400	10000	**60**	**90**	**86**	**96**	**90**	**95**
Beryllium	mg/kg	7.2	590	2700	**0.39**	**0.49**	**0.53**	**0.46**	**0.52**	**0.61**
Cadmium	mg/kg	2.5	9.3	60	**0.19 J**	**0.13 J**	**0.18 J**	**0.14 J**	**0.16 J**	**0.096 J**
Calcium	mg/kg				**71000 B**	**49000 B**	**61000 B**	**70000 B**	**64000 B**	**56000 B**
Chromium	mg/kg	30	1500	6800	**11 B**	**16 B**	**16 B**	**13 B**	**15 B**	**16 B**
Cobalt	mg/kg				**5.2**	**6.6**	**7.5**	**7.5**	**8.0**	**12**

Table 3.1

Analytical Results Summary
Soil Sample Results
Limited Phase II Investigation Results
Rich Products Corporation
1145 Niagara Street, Buffalo, New York

Sample Location:					SB-01	SB-02	SB-03	SB-04	SB-05	SB-06
Sample Identification:		NYSDEC	NYSDEC	NYSDEC	11201734-SB-01-(7.0-8.0)-S	11201734-SB-02-(4.0-5.0)-S	11201734-SB-03-(3.0-4.0)-S	11201734-SB-04-(10.5-11.5)-S	11201734-SB-05-(11.0-12.0)-S	11201734-SB-06-(7.5-8.5)-S
Sample Date:		Part 375-6.8 [1]	Part 375-6.8 [1]	Part 375-6.8 [1]	8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019	8/27/2019
Sample Depth:		Unrestricted Use [a]	Commerical Use [b]	Industrial Use [c]	(7-8) ft bgs	(4-5) ft bgs	(3-4) ft bgs	(10.5-11.5) ft bgs	(11-12) ft bgs	(7.5-8.5) ft bgs
Parameters	**Units**									
Metals (Continued)										
Copper	mg/kg	50	270	10000	**10**	**16**	**18**	**13**	**14**	**15**
Iron	mg/kg				**11000**	**15000**	**15000**	**13000**	**15000**	**13000**
Lead	mg/kg	63	1000	3900	**13**	**14**	**22**	**39**	**15**	**11**
Magnesium	mg/kg				**34000**	**17000**	**22000**	**29000**	**28000**	**24000**
Manganese	mg/kg	1600	10000	10000	**370 B**	**340 B**	**370 B**	**390 B**	**410 B**	**420 B**
Mercury	mg/kg	0.18	2.8	5.7	**0.010 J**	**0.016 J**	**0.033**	**0.015 J**	**0.011 J**	**0.011 J**
Nickel	mg/kg	30	310	10000	**11**	**15**	**16**	**14**	**18**	**16**
Potassium	mg/kg				**2900**	**3100**	**3600**	**3400**	**3900**	**3800**
Selenium	mg/kg	3.9	1500	6800	0.45 U	0.47 U	0.49 U	0.43 U	0.45 U	0.45 U
Silver	mg/kg	2	1500	6800	0.22 U	0.23 U	0.25 U	0.22 U	0.22 U	0.23 U
Sodium	mg/kg				**220**	**340**	**310**	**290**	**430**	**930**
Thallium	mg/kg				0.34 U	0.35 U	0.37 U	0.32 U	0.34 U	0.34 U
Vanadium	mg/kg				**19**	**26**	**26**	**22**	**24**	**28**
Zinc	mg/kg	109	10000	10000	**67**	**60**	**63**	**57**	**67**	**53**

Notes:

U - Not detected at the associated reporting limit
ft bgs - Feet below ground surface
J - Estimated concentration
B - Result detected in associated method blank
PCBs - Polychlorinated Biphenyls
[1] - 6 NYCRR Part 375-6.8 Soil Cleanup Objectives for Unrestricted or Restricted Uses
[a] - Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives
[b] - Part 375-6.8(b) Restricted Use Soil Cleanup Objectives - Protection of Public Health, Commercial Use
[c] - Part 375-6.8(b) Restricted Use Soil Cleanup Objectives - Protection of Public Health, Industrial Use
0.074 [a] - boxed/shaded cell with bolded value denoted exceedance of designated cleanup criteria level (a, b, or c)
0.074 - bolded value denotes a detection

Table 3.2

Analytical Results Summary
Groundwater Sample Results
Limited Phase II Investigation Results
Rich Products Corporation
1145 Niagara Street, Buffalo, New York

Sample Location:			**SB-01**	**SB-01**	**SB-04**	**SB-04**	**SB-05**	**SB-05**	**SB-06**	**SB-06**
Sample Identification:		**NY GW [1]**	**11201734-SB-01-GW**	**WG-101019-11201734-SB01**	**11201734-SB-04-GW**	**WG-100910-11201734-SB04**	**11201734-SB-05-GW**	**WG-100910-11201734-SB05**	**11201734-SB-06-GW**	**WG-100910-11201734-SB06**
Sample Date:			**8/28/2019**	**10/10/2019**	**8/28/2019**	**10/9/2019**	**8/28/2019**	**10/9/2019**	**8/28/2019**	**10/9/2019**
Parameters	**Units**									
Volatile Organic Compounds										
1,1,1-Trichloroethane	mg/L	0.005	0.0033 U	0.0033 U	0.0016 U	**0.0023**	0.00082 U	0.00082 U	0.0033 U	0.00082 U
1,1,2,2-Tetrachloroethane	mg/L	0.005	0.00084 U	0.00084 U	0.00042 U	0.00021 U	0.00021 U	0.00021 U	0.00084 U	0.00021 U
1,1,2-Trichloroethane	mg/L	0.001	0.00092 U	0.00092 U	0.00046 U	0.00023 U	0.00023 U	0.00023 U	0.00092 U	0.00023 U
1,1-Dichloroethane	mg/L	0.005	0.0015 U	0.0015 U	**0.0014 J**	**0.0021**	0.00038 U	0.00038 U	0.0015 U	0.00038 U
1,1-Dichloroethene	mg/L	0.005	0.0012 U	0.0012 U	0.00058 U	0.00029 U	0.00029 U	0.00029 U	0.0012 U	0.00029 U
1,2,4-Trichlorobenzene	mg/L	0.005	0.0016 U	0.0016 U	0.00082 U	0.00041 U	0.00041 U	0.00041 U	0.0016 U	0.00041 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.00004	0.0016 U	0.0016 U	0.00078 U	0.00039 U	0.00039 U	0.00039 U	0.0016 U	0.00039 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.0000006	0.0029 U	0.0029 U	0.0015 U	0.00073 U	0.00073 U	0.00073 U	0.0029 U	0.00073 U
1,2-Dichlorobenzene	mg/L	0.003	0.0032 U	0.0032 U	0.0016 U	0.00079 U	0.00079 U	0.00079 U	0.0032 U	0.00079 U
1,2-Dichloroethane	mg/L	0.0006	0.00084 U	0.00084 U	0.00042 U	0.00021 U	0.00021 U	0.00021 U	0.00084 U	0.00021 U
1,2-Dichloropropane	mg/L	0.001	0.0029 U	0.0029 U	0.0014 U	0.00072 U	0.00072 U	0.00072 U	0.0029 U	0.00072 U
1,3-Dichlorobenzene	mg/L	0.003	0.0031 U	0.0031 U	0.0016 U	0.00078 U	0.00078 U	0.00078 U	0.0031 U	0.00078 U
1,4-Dichlorobenzene	mg/L	0.003	0.0034 U	0.0034 U	0.0017 U	0.00084 U	0.00084 U	0.00084 U	0.0034 U	0.00084 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L		0.0053 U	0.0053 U	0.0026 U	0.0013 U	0.0013 U	0.0013 U	**0.0059 J**	0.0013 U
2-Hexanone	mg/L		0.005 U	0.005 U	0.0025 U	0.0012 U	0.0012 U	0.0012 U	0.005 U	0.0012 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L		0.0084 U	0.0084 U	0.0042 U	0.0021 U	0.0021 U	0.0021 U	0.0084 U	0.0021 U
Acetone	mg/L		**0.016 J**	0.012 U	**0.011 J**	0.003 U	**0.0036 J**	0.003 U	**0.035 J**	0.003 U
Benzene	mg/L	0.001	0.0016 U	0.0016 U	0.00082 U	0.00041 U	0.00041 U	0.00041 U	0.0016 U	0.00041 U
Bromodichloromethane	mg/L		0.0016 U	0.0016 U	0.00078 U	0.00039 U	0.00039 U	0.00039 U	0.0016 U	0.00039 U
Bromoform	mg/L		0.001 U	0.001 U	0.00052 U	0.00026 U	0.00026 U	0.00026 U	0.001 U	0.00026 U
Bromomethane (Methyl bromide)	mg/L	0.005	0.0028 U	0.0028 U	0.0014 U	0.00069 U	0.00069 U	0.00069 U	0.0028 U	0.00069 U
Carbon disulfide	mg/L	0.06	0.00076 U	0.00076 U	**0.0037**	**0.0028**	0.00019 U	0.00019 U	0.00076 U	0.00019 U
Carbon tetrachloride	mg/L	0.005	0.0011 U	0.0011 U	0.00054 U	0.00027 U	0.00027 U	0.00027 U	0.0011 U	0.00027 U
Chlorobenzene	mg/L	0.005	0.003 U	0.003 U	0.0015 U	0.00075 U	0.00075 U	0.00075 U	0.003 U	0.00075 U
Chloroethane	mg/L	0.005	0.0013 U	0.0013 U	0.00064 U	0.00032 U	0.00032 U	0.00032 U	0.0013 U	0.00032 U
Chloroform (Trichloromethane)	mg/L	0.007	0.0014 U	0.0014 U	0.00068 U	0.00034 U	0.00034 U	0.00034 U	0.0014 U	0.00034 U
Chloromethane (Methyl chloride)	mg/L	0.005	0.0014 U	0.0014 U	0.0007 U	0.00035 U	0.00035 U	0.00035 U	0.0014 U	0.00035 U
cis-1,2-Dichloroethene	mg/L	0.005	0.0032 U	0.0032 U	0.0016 U	0.00081 U	0.00081 U	0.00081 U	0.0032 U	0.00081 U
cis-1,3-Dichloropropene	mg/L	0.0004	0.0014 U	0.0014 U	0.00072 U	0.00036 U	0.00036 U	0.00036 U	0.0014 U	0.00036 U
Cyclohexane	mg/L		0.00072 U	0.00072 U	0.00036 U	0.00018 U	**0.00074 J**	0.00018 U	0.00072 U	0.00018 U
Dibromochloromethane	mg/L		0.0013 U	0.0013 U	0.00064 U	0.00032 U	0.00032 U	0.00032 U	0.0013 U	0.00032 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.005	**0.0078**	**0.012**	0.0014 U	0.00068 U	0.00068 U	0.00068 U	0.0027 U	0.00068 U
Ethylbenzene	mg/L	0.005	0.003 U	0.003 U	0.0015 U	0.00074 U	0.00074 U	0.00074 U	0.003 U	0.00074 U
Isopropyl benzene	mg/L	0.005	0.0032 U	0.0032 U	0.0016 U	0.00079 U	0.00079 U	0.00079 U	0.0032 U	0.00079 U
Methyl acetate	mg/L		0.0052 U	0.0052 U	0.0026 U	0.0013 U	0.0013 U	0.0013 U	0.0052 U	0.0013 U
Methyl cyclohexane	mg/L		**0.00075 J**	0.00064 U	0.00032 U	0.00016 U	0.00083 J	**0.00023 J**	0.00064 U	0.00016 U
Methyl tert butyl ether (MTBE)	mg/L		0.00064 U	0.00064 U	0.00032 U	0.00016 U	0.00016 U	0.00016 U	0.00064 U	0.00016 U
Methylene chloride	mg/L	0.005	0.0018 U	0.0018 U	0.00088 U	0.00044 U	0.00044 U	0.00044 U	**0.0019 J**	0.00044 U
Styrene	mg/L	0.005	0.0029 U	0.0029 U	0.0015 U	0.00073 U	0.00073 U	0.00073 U	0.0029 U	0.00073 U
Tetrachloroethene	mg/L	0.005	0.0014 U	0.0014 U	0.00072 U	0.00036 U	0.00036 U	0.00036 U	0.0014 U	0.00036 U
Toluene	mg/L	0.005	0.002 U	0.002 U	0.001 U	0.00051 U	0.00051 U	0.00051 U	0.002 U	0.00051 U
trans-1,2-Dichloroethene	mg/L	0.005	0.0036 U	0.0036 U	0.0018 U	0.0009 U	0.0009 U	0.0009 U	0.0036 U	0.0009 U
trans-1,3-Dichloropropene	mg/L	0.0004	0.0015 U	0.0015 U	0.00074 U	0.00037 U	0.00037 U	0.00037 U	0.0015 U	0.00037 U
Trichloroethene	mg/L	0.005	0.0018 U	0.0018 U	0.00092 U	0.00046 U	0.00046 U	0.00046 U	0.0018 U	0.00046 U
Trichlorofluoromethane (CFC-11)	mg/L	0.005	**0.018**	**0.012**	**0.0051**	**0.0039**	0.00088 U	0.00088 U	0.0035 U	0.00088 U
Trifluorotrichloroethane (CFC-113)	mg/L	0.005	0.0012 U	0.0012 U	0.00062 U	0.00031 U	0.00031 U	0.00031 U	0.0012 U	0.00031 U

Table 3.2

Analytical Results Summary
Groundwater Sample Results
Limited Phase II Investigation Results
Rich Products Corporation
1145 Niagara Street, Buffalo, New York

Sample Location:			SB-01	SB-01	SB-04	SB-04	SB-05	SB-05	SB-06	SB-06
Sample Identification:		NY GW [1]	11201734-SB-01-GW	WG-101019-11201734-SB01	11201734-SB-04-GW	WG-100910-11201734-SB04	11201734-SB-05-GW	WG-100910-11201734-SB05	11201734-SB-06-GW	WG-100910-11201734-SB06
Sample Date:			8/28/2019	10/10/2019	8/28/2019	10/9/2019	8/28/2019	10/9/2019	8/28/2019	10/9/2019
Parameters	**Units**									
Volatile Organic Compounds (Continued)										
Vinyl chloride	mg/L	0.002	0.0036 U	0.0036 U	0.0018 U	0.0009 U	0.0009 U	0.0009 U	0.0036 U	0.0009 U
Xylenes (total)	mg/L	0.005	0.0026 U	0.0026 U	0.0013 U	0.00066 U	0.00066 U	0.00066 U	0.0026 U	0.00066 U
Semi-Volatile Organic Compounds										
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.005	--	0.00052 U	--	0.00052 U	0.0026 U	0.00052 U	--	0.00052 U
2,4,5-Trichlorophenol	mg/L	0.001	--	0.00048 U	--	0.00048 U	0.0024 U	0.00048 U	--	0.00048 U
2,4,6-Trichlorophenol	mg/L	0.001	--	0.00061 U	--	0.00061 U	0.0031 U	0.00061 U	--	0.00061 U
2,4-Dichlorophenol	mg/L	0.005	--	0.00051 U	--	0.00051 U	0.0026 U	0.00051 U	--	0.00051 U
2,4-Dimethylphenol	mg/L	0.001	--	0.0005 U	--	0.0005 U	0.0025 U	0.0005 U	--	0.0005 U
2,4-Dinitrophenol	mg/L	0.001	--	0.0022 U	--	0.0022 U	0.011 U	0.0022 U	--	0.0022 U
2,4-Dinitrotoluene	mg/L	0.005	--	0.00045 U	--	0.00045 U	0.0022 U	0.00045 U	--	0.00045 U
2,6-Dinitrotoluene	mg/L	0.005	--	0.0004 U	--	0.0004 U	0.002 U	0.0004 U	--	0.0004 U
2-Chloronaphthalene	mg/L		--	0.00046 U	--	0.00046 U	0.0023 U	0.00046 U	--	0.00046 U
2-Chlorophenol	mg/L	0.001	--	0.00053 U	--	0.00053 U	0.0027 U	0.00053 U	--	0.00053 U
2-Methylnaphthalene	mg/L		--	0.0006 U	--	0.0006 U	0.003 U	0.0006 U	--	0.0006 U
2-Methylphenol	mg/L	0.001	--	0.0004 U	--	0.0004 U	0.002 U	0.0004 U	--	0.0004 U
2-Nitroaniline	mg/L	0.005	--	0.00042 U	--	0.00042 U	0.0021 U	0.00042 U	--	0.00042 U
2-Nitrophenol	mg/L	0.001	--	0.00048 U	--	0.00048 U	0.0024 U	0.00048 U	--	0.00048 U
3,3'-Dichlorobenzidine	mg/L	0.005	--	0.0004 U	--	0.0004 U	0.002 U	0.0004 U	--	0.0004 U
3-Nitroaniline	mg/L	0.005	--	0.00048 U	--	0.00048 U	0.0024 U	0.00048 U	--	0.00048 U
4,6-Dinitro-2-methylphenol	mg/L	0.001	--	0.0022 U	--	0.0022 U	0.011 U	0.0022 U	--	0.0022 U
4-Bromophenyl phenyl ether	mg/L		--	0.00045 U	--	0.00045 U	0.0023 U	0.00045 U	--	0.00045 U
4-Chloro-3-methylphenol	mg/L	0.001	--	0.00045 U	--	0.00045 U	0.0023 U	0.00045 U	--	0.00045 U
4-Chloroaniline	mg/L	0.005	--	0.00059 U	--	0.00059 U	0.003 U	0.00059 U	--	0.00059 U
4-Chlorophenyl phenyl ether	mg/L		--	0.00035 U	--	0.00035 U	0.0018 U	0.00035 U	--	0.00035 U
4-Methylphenol	mg/L	0.001	--	0.00036 U	--	0.00036 U	0.0018 U	0.00036 U	--	0.00036 U
4-Nitroaniline	mg/L	0.005	--	0.00025 U	--	0.00025 U	0.0013 U	0.00025 U	--	0.00025 U
4-Nitrophenol	mg/L	0.001	--	0.0015 U	--	0.0015 U	0.0076 U	0.0015 U	--	0.0015 U
Acenaphthene	mg/L		--	0.00041 U	--	0.00041 U	0.0021 U	0.00041 U	--	0.00041 U
Acenaphthylene	mg/L		--	0.00038 U	--	0.00038 U	0.0019 U	0.00038 U	--	0.00038 U
Acetophenone	mg/L		--	0.00054 U	--	0.00054 U	0.0027 U	0.00054 U	--	0.00054 U
Anthracene	mg/L		--	0.00028 U	--	0.00028 U	0.0014 U	0.00028 U	--	0.00028 U
Atrazine	mg/L	0.0075	--	0.00046 U	--	0.00046 U	0.0023 U	0.00046 U	--	0.00046 U
Benzaldehyde	mg/L		--	0.00027 U	--	0.00027 U	0.0013 U	0.00027 U	--	0.00027 U
Benzo(a)anthracene	mg/L		--	0.00036 U	--	0.00036 U	0.0018 U	0.00036 U	--	0.00036 U
Benzo(a)pyrene	mg/L		--	0.00047 U	--	0.00047 U	0.0024 U	0.00047 U	--	0.00047 U
Benzo(b)fluoranthene	mg/L		--	0.00034 U	--	0.00034 U	0.0017 U	0.00034 U	--	0.00034 U
Benzo(g,h,i)perylene	mg/L		--	0.00035 U	--	0.00035 U	0.0018 U	0.00035 U	--	0.00035 U
Benzo(k)fluoranthene	mg/L		--	0.00073 U	--	0.00073 U	0.0037 U	0.00073 U	--	0.00073 U
Biphenyl (1,1-Biphenyl)	mg/L	0.005	--	0.00065 U	--	0.00065 U	0.0033 U	0.00065 U	--	0.00065 U
bis(2-Chloroethoxy)methane	mg/L	0.005	--	0.00035 U	--	0.00035 U	0.0018 U	0.00035 U	--	0.00035 U
bis(2-Chloroethyl)ether	mg/L	0.001	--	0.0004 U	--	0.0004 U	0.002 U	0.0004 U	--	0.0004 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.005	--	0.0022 U	--	0.0022 U	**0.022 J**	0.0022 U	--	0.0022 U
Butyl benzylphthalate (BBP)	mg/L		--	0.001 U	--	0.001 U	0.005 U	0.001 U	--	0.001 U
Caprolactam	mg/L		--	0.0022 U	--	0.0022 U	0.011 U	0.0022 U	--	0.0022 U
Carbazole	mg/L		--	0.0003 U	--	0.0003 U	0.0015 U	0.0003 U	--	0.0003 U

Table 3.2

Analytical Results Summary
Groundwater Sample Results
Limited Phase II Investigation Results
Rich Products Corporation
1145 Niagara Street, Buffalo, New York

Sample Location:			SB-01	SB-01	SB-04	SB-04	SB-05	SB-05	SB-06	SB-06
Sample Identification:		NY GW [1]	11201734-SB-01-GW	WG-101019-11201734-SB01	11201734-SB-04-GW	WG-100910-11201734-SB04	11201734-SB-05-GW	WG-100910-11201734-SB05	11201734-SB-06-GW	WG-100910-11201734-SB06
Sample Date:			8/28/2019	10/10/2019	8/28/2019	10/9/2019	8/28/2019	10/9/2019	8/28/2019	10/9/2019
Parameters	**Units**									
Semi-Volatile Organic Compounds (Continued)										
Chrysene	mg/L		--	0.00033 U	--	0.00033 U	0.0017 U	0.00033 U	--	0.00033 U
Dibenz(a,h)anthracene	mg/L		--	0.00042 U	--	0.00042 U	0.0021 U	0.00042 U	--	0.00042 U
Dibenzofuran	mg/L		--	0.00051 U	--	0.00051 U	0.0026 U	0.00051 U	--	0.00051 U
Diethyl phthalate	mg/L		--	**0.00027 J**	--	**0.00036 J**	0.0011 U	0.00022 U	--	**0.00023 J**
Dimethyl phthalate	mg/L		--	0.00036 U	--	0.00036 U	0.0018 U	0.00036 U	--	0.00036 U
Di-n-butylphthalate (DBP)	mg/L	0.05	--	0.00031 U	--	0.00031 U	0.0016 U	0.00031 U	--	0.00031 U
Di-n-octyl phthalate (DnOP)	mg/L		--	0.00047 U	--	0.00047 U	0.0024 U	0.00047 U	--	0.00047 U
Fluoranthene	mg/L		--	0.0004 U	--	0.0004 U	0.002 U	0.0004 U	--	0.0004 U
Fluorene	mg/L		--	0.00036 U	--	0.00036 U	0.0018 U	0.00036 U	--	0.00036 U
Hexachlorobenzene	mg/L	0.00004	--	0.00051 U	--	0.00051 U	0.0026 U	0.00051 U	--	0.00051 U
Hexachlorobutadiene	mg/L	0.0005	--	0.00068 U	--	0.00068 U	0.0034 U	0.00068 U	--	0.00068 U
Hexachlorocyclopentadiene	mg/L	0.005	--	0.00059 U	--	0.00059 U	0.003 U	0.00059 U	--	0.00059 U
Hexachloroethane	mg/L	0.005	--	0.00059 U	--	0.00059 U	0.003 U	0.00059 U	--	0.00059 U
Indeno(1,2,3-cd)pyrene	mg/L		--	0.00047 U	--	0.00047 U	0.0024 U	0.00047 U	--	0.00047 U
Isophorone	mg/L		--	0.00043 U	--	0.00043 U	0.0022 U	0.00043 U	--	0.00043 U
Naphthalene	mg/L		--	0.00076 U	--	0.00076 U	0.0038 U	0.00076 U	--	0.00076 U
Nitrobenzene	mg/L	0.0004	--	0.00029 U	--	0.00029 U	0.0015 U	0.00029 U	--	0.00029 U
N-Nitrosodi-n-propylamine	mg/L		--	0.00054 U	--	0.00054 U	0.0027 U	0.00054 U	--	0.00054 U
N-Nitrosodiphenylamine	mg/L		--	0.00051 U	--	0.00051 U	0.0026 U	0.00051 U	--	0.00051 U
Pentachlorophenol	mg/L	0.001	--	0.0022 U	--	0.0022 U	0.011 U	0.0022 U	--	0.0022 U
Phenanthrene	mg/L		--	0.00044 U	--	0.00044 U	0.0022 U	0.00044 U	--	0.00044 U
Phenol	mg/L	0.001	--	0.00039 U	--	0.00039 U	0.002 U	0.00039 U	--	0.00039 U
Pyrene	mg/L		--	0.00034 U	--	0.00034 U	0.0017 U	0.00034 U	--	0.00034 U
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.00009	--	0.00018 U	--	0.00018 U	0.0002 U	0.00018 U	--	0.00018 U
Aroclor-1221 (PCB-1221)	mg/L	0.00009	--	0.00018 U	--	0.00018 U	0.0002 U	0.00018 U	--	0.00018 U
Aroclor-1232 (PCB-1232)	mg/L	0.00009	--	0.00018 U	--	0.00018 U	0.0002 U	0.00018 U	--	0.00018 U
Aroclor-1242 (PCB-1242)	mg/L	0.00009	--	0.00018 U	--	0.00018 U	0.0002 U	0.00018 U	--	0.00018 U
Aroclor-1248 (PCB-1248)	mg/L	0.00009	--	0.00018 U	--	0.00018 U	0.0002 U	0.00018 U	--	0.00018 U
Aroclor-1254 (PCB-1254)	mg/L	0.00009	--	0.00025 U	--	0.00025 U	0.00028 U	0.00025 U	--	0.00025 U
Aroclor-1260 (PCB-1260)	mg/L	0.00009	--	0.00025 U	--	0.00025 U	0.00028 U	0.00025 U	--	0.00025 U
Pesticides										
4,4'-DDD	mg/L	0.0003	--	0.0000092 U	--	0.0000092 U	--	**0.000014 J**	--	**0.000015 J**
4,4'-DDE	mg/L	0.0002	--	0.000012 U	--	0.000012 U	--	0.000012 U	--	0.000012 U
4,4'-DDT	mg/L	0.0002	--	0.000011 U	--	0.000011 U	--	**0.000017 J**	--	0.000011 U
Aldrin	mg/L		--	0.0000081 U	--	0.0000081 U	--	0.0000081 U	--	0.0000081 U
alpha-BHC	mg/L	0.00001	--	0.0000077 U	--	0.0000077 U	--	**0.00002 J**	--	0.0000077 U
alpha-Chlordane	mg/L	0.00005	--	0.000015 U	--	0.000015 U	--	0.000015 U	--	0.000015 U
beta-BHC	mg/L	0.00004	--	0.000025 U	--	0.000025 U	--	0.000025 U	--	0.000025 U
delta-BHC	mg/L	0.00004	--	0.00001 U	--	**0.000014 J**	--	0.00001 U	--	**0.000016 J**
Dieldrin	mg/L	0.000004	--	0.0000098 U	--	0.0000098 U	--	0.0000098 U	--	0.0000098 U
Endosulfan I	mg/L		--	0.000011 U	--	0.000011 U	--	0.000011 U	--	0.000011 U
Endosulfan II	mg/L		--	0.000012 U	--	0.000012 U	--	0.000012 U	--	0.000012 U
Endosulfan sulfate	mg/L		--	0.000016 U	--	0.000016 U	--	0.000016 U	--	0.000016 U

Table 3.2

Analytical Results Summary
Groundwater Sample Results
Limited Phase II Investigation Results
Rich Products Corporation
1145 Niagara Street, Buffalo, New York

Sample Location:			SB-01	SB-01	SB-04	SB-04	SB-05	SB-05	SB-06	SB-06
Sample Identification:		NY GW [1]	11201734-SB-01-GW	WG-101019-11201734-SB01	11201734-SB-04-GW	WG-100910-11201734-SB04	11201734-SB-05-GW	WG-100910-11201734-SB05	11201734-SB-06-GW	WG-100910-11201734-SB06
Sample Date:			8/28/2019	10/10/2019	8/28/2019	10/9/2019	8/28/2019	10/9/2019	8/28/2019	10/9/2019
Parameters	**Units**									
Pesticides (Continued)										
Endrin	mg/L		--	0.000014 U	--	0.000014 U	--	0.000014 U	--	0.000014 U
Endrin aldehyde	mg/L	0.005	--	0.000016 U	--	**0.000032 JB**	--	**0.000021 JB**	--	**0.000029 JB**
Endrin ketone	mg/L	0.005	--	**0.000014 J**	--	0.000012 U	--	0.000012 U	--	0.000012 U
gamma-BHC (lindane)	mg/L	0.00005	--	0.000008 U	--	**0.000013 J**	--	0.000008 U	--	0.000008 U
gamma-Chlordane	mg/L	0.00005	--	**0.000074**	--	**0.000017 J**	--	0.000011 U	--	0.000011 U
Heptachlor	mg/L	0.00004	--	**0.000032 J**	--	0.0000085 U	--	0.0000085 U	--	0.0000085 U
Heptachlor epoxide	mg/L	0.00003	--	0.0000074 U	--	0.0000074 U	--	0.0000074 U	--	0.0000074 U
Methoxychlor	mg/L	0.035	--	0.000014 U	--	0.000014 U	--	0.000014 U	--	0.000014 U
Toxaphene	mg/L	0.00006	--	0.00012 U	--	0.00012 U	--	0.00012 U	--	0.00012 U
Metals										
Aluminum	mg/L		**39**	**2.3**	--	**0.56**	**250**	**4.9**	--	**1.2**
Aluminum (dissolved)	mg/L		**2.1**	0.060 U	--	0.060 U	0.060 U	0.060 U	--	0.060 U
Antimony	mg/L	0.003	0.0068 U	0.0068 U	--	0.0068 U	0.0068 U	0.0068 U	--	0.0068 U
Antimony (dissolved)	mg/L	0.003	0.0068 U	0.0068 U	--	0.0068 U	0.014 U	0.0068 U	--	0.0068 U
Arsenic	mg/L	0.025	**0.021**	**0.0076 J**	--	0.0056 U	**0.13**	0.0056 U	--	0.0056 U
Arsenic (dissolved)	mg/L	0.025	**0.0064 J**	**0.0076 J**	--	0.0056 U	0.0056 U	0.0056 U	--	0.0056 U
Barium	mg/L	1	**0.44**	**0.17**	--	**0.051**	**2.1**	**0.13**	--	**0.21**
Barium (dissolved)	mg/L	1	**0.12**	**0.15**	--	**0.046**	**0.095**	**0.091**	--	**0.20**
Beryllium	mg/L		**0.0018 J**	0.00030 U	--	0.00030 U	**0.013**	0.00030 U	--	0.00030 U
Beryllium (dissolved)	mg/L		0.00030 U	0.00030 U	--	0.00030 U	0.00030 U	0.00030 U	--	0.00030 U
Cadmium	mg/L	0.005	**0.0016 J**	0.00050 U	--	0.00050 U	**0.0024**	**0.00058 J**	--	**0.00053 J**
Cadmium (dissolved)	mg/L	0.005	0.00050 U	0.00050 U	--	0.00050 U	0.00050 U	0.00050 U	--	0.00050 U
Calcium	mg/L		**440**	**190**	--	**96**	**1600**	**170**	--	**230**
Calcium (dissolved)	mg/L		**120**	**140**	--	**88**	**140**	**150**	--	**220**
Chromium	mg/L	0.05	**0.081**	**0.0050**	--	**0.0010 J**	**0.47**	**0.0083**	--	**0.0014 J**
Chromium (dissolved)	mg/L	0.05	**0.0031 J**	0.0010 U	--	0.0010 U	0.0010 U	0.0010 U	--	0.0010 U
Cobalt	mg/L		**0.024**	**0.0033 J**	--	**0.00088 J**	**0.20**	**0.0024 J**	--	**0.0031 J**
Cobalt (dissolved)	mg/L		**0.0022 J**	**0.0014 J**	--	**0.00065 J**	**0.0015 J**	0.00063 U	--	**0.0014 J**
Copper	mg/L	0.2	**0.13**	**0.0081 J**	--	**0.0031 J**	**0.58**	**0.0088 J**	--	**0.0037 J**
Copper (dissolved)	mg/L	0.2	**0.019**	**0.0026 J**	--	0.0016 U	0.0016 U	0.0016 U	--	0.0016 U
Iron	mg/L	0.3	**52**	**3.7**	--	**0.63**	**330**	**5.6**	--	**1.2**
Iron (dissolved)	mg/L	0.3	**1.9**	**0.028 J**	--	0.019 U	0.019 U	0.019 U	--	**0.031 J**
Lead	mg/L	0.025	**0.18**	**0.015**	--	0.0030 U	**0.51**	**0.0079 J**	--	**0.0042 J**
Lead (dissolved)	mg/L	0.025	**0.0074 J**	0.0030 U	--	0.0030 U	0.0030 U	0.0030 U	--	0.0030 U
Magnesium	mg/L		**170**	**71**	--	**38**	**410**	**98**	--	**120**
Magnesium (dissolved)	mg/L		**75**	**55**	--	**37**	**87**	**91**	--	**110**
Manganese	mg/L	0.3	**1.8 B**	**0.33**	--	**0.072**	**6.8 B**	**0.19**	--	**0.42**
Manganese (dissolved)	mg/L	0.3	**0.056**	**0.010**	--	**0.048**	**0.32**	**0.088**	--	**0.34**
Mercury	mg/L	0.0007	**0.00023**	0.00012 U	--	0.00012 U	**0.00065**	0.00012 U	--	0.00012 U
Mercury (dissolved)	mg/L	0.0007	0.00012 U	0.00012 U	--	0.00012 U	0.00012 U	0.00012 U	--	0.00012 U
Nickel	mg/L	0.1	**0.066**	**0.0090 J**	--	**0.014**	**0.54**	**0.011**	--	**0.012**
Nickel (dissolved)	mg/L	0.1	**0.013**	**0.0074 J**	--	**0.013**	**0.0091 J**	**0.0042 J**	--	**0.0090 J**
Potassium	mg/L		**31**	**30**	--	**5.1**	**70**	**6.3**	--	**15**
Potassium (dissolved)	mg/L		**20**	**26**	--	**4.8**	**5.6**	**4.1**	--	**12**
Selenium	mg/L	0.01	0.0087 U	0.0087 U	--	0.0087 U	0.0087 U	0.0087 U	--	0.0087 U

Table 3.2

Analytical Results Summary
Groundwater Sample Results
Limited Phase II Investigation Results
Rich Products Corporation
1145 Niagara Street, Buffalo, New York

Sample Location:			**SB-01**	**SB-01**	**SB-04**	**SB-04**	**SB-05**	**SB-05**	**SB-06**	**SB-06**
Sample Identification:		**NY GW [1]**	**11201734-SB-01-GW**	**WG-101019-11201734-SB01**	**11201734-SB-04-GW**	**WG-100910-11201734-SB04**	**11201734-SB-05-GW**	**WG-100910-11201734-SB05**	**11201734-SB-06-GW**	**WG-100910-11201734-SB06**
Sample Date:			**8/28/2019**	**10/10/2019**	**8/28/2019**	**10/9/2019**	**8/28/2019**	**10/9/2019**	**8/28/2019**	**10/9/2019**
Parameters	**Units**									
Metals (Continued)										
Selenium (dissolved)	mg/L	0.01	0.0087 U	0.0087 U	--	0.0087 U	0.0087 U	0.0087 U	--	0.0087 U
Silver	mg/L	0.05	0.0017 U	0.0017 U	--	0.0017 U	0.0017 U	0.0017 U	--	0.0017 U
Silver (dissolved)	mg/L	0.05	0.0017 U	0.0017 U	--	0.0017 U	0.0017 U	0.0017 U	--	0.0017 U
Sodium	mg/L	20	**64**	**81**	--	**200**	**160**	**200**	--	**1500**
Sodium (dissolved)	mg/L	20	**55 B**	**76**	--	**200**	**180 B**	**190**	--	**1500**
Thallium	mg/L		0.010 U	0.010 U	--	0.010 U	0.020 U	0.010 U	--	0.010 U
Thallium (dissolved)	mg/L		0.010 U	0.010 U	--	0.010 U	0.010 U	0.010 U	--	0.010 U
Vanadium	mg/L		**0.080**	**0.0069**	--	**0.0016 J**	**0.61**	**0.0079**	--	**0.0028 J**
Vanadium (dissolved)	mg/L		**0.0079**	0.0015 U	--	0.0015 U	0.0015 U	0.0015 U	--	0.0015 U
Zinc	mg/L		**0.59 B**	**0.032**	--	**0.013**	**2.5 B**	**0.049**	--	**0.032**
Zinc (dissolved)	mg/L		**0.036 B**	**0.0065 JB**	--	**0.013 B**	**0.017 B**	**0.0088 JB**	--	**0.017 B**

Notes:

U - Not detected at the associated reporting limit.
J - Estimated concentration.
PCBs - Polychlorinated Biphenyls
B - Result detected in associated method blank.
[1] - NYSDEC Division of Water, Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, Table 1, June 1998
0.0078 - boxed/shaded cell and bolded value denotes exceedance of cleanup criteria screening level
0.0078 - bolded value denotes a detection