PHASE II
ENVIRONMENTAL SITE ASSESSMENT

VACANT PROPERTY
TOWN OF WHEATFIELD, NEW YORK

Prepared For:

Town of Wheatfield
280 Church Road
North Tonawanda, New York

PRINTED ON:

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Prepared For:
Town of Wheatfield
280 Church Road
North Tonawanda, New York

Prepared by:
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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) was retained by the Town of Wheatfield (the Town) to complete a Phase II Environmental Site Assessment (ESA) of the vacant property located at 2020 River Road in Wheatfield, New York (Property or Site). The Phase II ESA was conducted in response to Recognized Environmental Conditions (RECs) identified in the Phase I ESA completed by CRA in October 2006 in accordance with American Society for Testing and Materials (ASTM) Standard E1527-00. This Phase II ESA is being conducted for the Town to assist in evaluating business environmental risk associated with the Site and to assist in establishing Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) "innocent landowner defense" for a potential transaction of the property. The Phase II ESA Site work was conducted by CRA between November 27, 2006 and December 12, 2006.

This report presents a summary of the results of the previous ESA completed by Empire Geo-Services, Inc. (Empire) and the results from CRA's Phase II ESA. This report is organized as follows:

- Section 1.0 - Introduction: The introduction presents an overview of the project to date;
- Section 2.0 - Site Location and Description: Descriptions of the Site location, physical condition, and current and historic use are presented in Section 2.0;
- Section 3.0 – Previous Environmental Site Assessment Results: A summary of the results of the Empire ESA is presented in Section 3.0;
- Section 4.0 - CRA's Phase II Environmental Site Assessment Results: A summary of the fieldwork and results of CRA's Phase II Environmental Site Assessment is presented in Section 4.0; and
- Section 5.0 – Conclusions: A summary of the conclusions the Phase II ESA is presented in Section 5.0.

2.0 SITE LOCATION AND DESCRIPTION

The following information was compiled from a review of CRA's Phase I ESA conducted in October 2006.

2.1 SITE LOCATION AND DESCRIPTION

The Site consists of one vacant 4.21-acre parcel of undeveloped vacant land with approximately 240 feet of frontage along both River Road and the Niagara River. It connects with three smaller parcels, which provide an additional 126 feet of frontage along River Road located in the southern portion of Wheatfield, New York. Most portions of the Site contain dense vegetation.

2.2 ENVIRONMENTAL SETTING/ADJACENT PROPERTIES

The Site is currently undeveloped vacant land. The Site is located in a predominantly residential and commercial area in the town of Wheatfield, Niagara County, New York. The entire property is covered with a mixture of dense grass, underbrush, juvenile saplings, and adolescent trees and is relatively flat with no topographic relief. No improved surfaces are located at the Site.

The vacant property is bordered by the following properties:

North:	bound by River Road and beyond by a residential trailer park and commercial property including an auto restoration shop;
East:	by the Brzezinski Landfill;
South:	by the Niagara River; and
West:	residential housing and the 102nd Landfill beyond.

A Site Location Map is presented on Figure 1.

3.0 PREVIOUS ENVIRONMENTAL ASSESSMENT RESULTS

Empire conducted a modified Phase I/II ESA at the Site in the summer of 2004. The results of this ESA indicate that heavy metals, volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOC) are present in the soil at concentrations that exceeded the New York State Soil Cleanup Objectives (SCOs) presented in the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) 4046. The ESA also indicates that lead is present in the Site's groundwater at a concentration that exceeds the NYSDEC Drinking Water Maximum Contaminant Level (MCL) criteria according to Technical and Operation Guidance Standards (TOGS) 1.1.1.

The Empire Modified Phase I/II ESA Report dated August 2004 identified the following environmental issues associated with the Property:

- "The Site's topography undulates mostly due to filling and clearing which has occurred in the past."
- "The most extensive filling appears to have occurred over the southern portion of the Site beyond where the shoreline once existed. This portion of the site appears to have been raised several feet to about to at least 10.5 feet where an eastern berm is present."
- "Visible evidence of dumping of drums filled with oil, heating oil tank, tar/coating-like substances, paint cans, C&D, industrial waste (ash, firebrick, cinders, coal, foundry sand, slag) and miscellaneous household wastes."
- "Up to at least 10.5 feet of fill exist over portions of the site, as encountered during Empires subsurface investigation. The fill material consists of industrial type wastes such as ash, cinders, firebrick, coal, foundry sand, and slag. Additional unknown material such as a silvery, wet slag-like material and oily-sheen on the groundwater surface and within the fill were encountered but could not be identified as to there makeup without further laboratory analysis."
- "According to Mr. George C. McMurdo, the owner of the property located to the west of the Site, the southern portion of the subject property was filled in with "grinding wheel sand" from Carborundum, extending the land out approx. 100 feet to the south. In the late 1970's and early 1980's the northern and center portion of the subject site began to be used for filling."
- "Elevated organic vapor readings were encountered in borings B-8, B-9, and B-13."

- "Analytical results of the only soil sample submitted (collected from B-8 at depths between 4 to 6 feet) indicate the presence of heavy metals, several VOC's and SVOC's."
- "Analytical results of the only groundwater sample submitted (collected from B-9) indicate the presence of heavy metals and oil and grease."
- "The property adjacent to the east is known as the Brzezinski Landfill. In July 1991, Lawler, Matusky, and Skelly Engineers (LMS) concluded that the site "received waste that appear to be at the industrial waste level and are not considered to be hazardous waste." The was recommended to the NYSDEC Division of Solid waste to be classified as an "inactive industrial landfill." The subject site appears to have received similar waste as were found during previous investigation on the Brzezinski Landfill site. Initially, this site in the early 1980s was being considered for Superfund listing as a hazardous waste site. A portion of the Brzezinski Landfill site was found to contain elevated levels of TCE and tetrachloroethylene gas concentrations within the soil. Some of the areas in which they were found were along the western boundary, near the subject site. From the contour lines drawn by LMS, these compounds may also be present within the soils of the subject site. Heavy metals, volatile organic compounds, and several other compounds were found within the fill soils across the site."
- "The subject site is within 1/8 of a mile from two (2) National Priority Listed sites, namely Love Canal and the 102nd Street Landfill."

The analytical results from the Empire ESA are presented in Table 1. Empire's soil sample was collected from soil boring B-8 from the 4-6 feet below ground surface (bgs) interval. The location of Empire's B-8 location appears to be located between CRA's B-6 and B-7 location. Empire's groundwater sample was collected from a temporary well installed in their soil boring B-9. The approximate location of boring B-9 is in the vicinity of CRA's boring B-7. The exact location of Empire's B-8 and B-9 locations cannot be ascertained because Empire did not conduct a Site survey, and the Site Plan presented in their ESA is not drawn to scale. The approximate locations of Empire's borings are presented in Figure 2. Empire's analytical results are similar to the results of the Phase II ESA completed by CRA.

4.0 CRA's PHASE II ENVIRONMENTAL SITE ASSESSMENT

4.1 PURPOSE

The purpose of the Phase II ESA was to investigate RECs, as defined in ASTM Standard E1527-00, identified at the Site during CRA's Phase I completed in October 2006. Based on the Phase I ESA including the Site inspection, database search, historic records reviewed, information provided by Site personnel, and interviews the following potential RECs as defined in ASTM Standard E1527-00 were identified at the Site:

- historical Site use; and
- surrounding properties.

4.2 TASKS

4.2.1 SOIL BORING AND TEMPORARY WELL INSTALLATION

The subsurface soil investigation was completed by CRA using a drill rig mounted on a tracked All-Terrain Vehicle (ATV). Borings were completed from the ground surface to approximately 15 to 20 feet below ground surface (bgs) in accordance with the work plan approved by the Town of Wheatfield dated November 2, 2006. The sample locations were placed throughout the Site in areas that may have had off-Site fill utilized and/or areas where contamination may have impacted the Site as identified in CRA's Phase I ESA. The sampling system resulted in eight borehole locations as presented on Figure 3. The Stratigraphy Logs for each of the borings are presented in Appendix A.

Soil samples were collected continuously from all borings and field screened utilizing a photoionization detector (PID) modified headspace method. Visual observations and field screening results were recorded in a field book. If fill material was observed, a sample of the fill material and a sample of the native soils located below the fill material were collected and analyzed for VOCs, SVOCs, polychlorinated biphenyls (PCBs), and total metals. If fill material was not observed, a grab sample of the unsaturated native soil was collected from above the water table for analysis of VOCs, SVOCs, metals, and PCBs. Fill samples and native soil samples were collected from every boring except Boring B-2. At boring B-2, only native soil was encountered and submitted for analysis. A sample key is presented in Table 2.

A temporary monitoring well was installed in four of the eight soil boring locations for the purpose of groundwater sample collection. Monitoring wells were constructed of 2-inch diameter schedule 40 PVC with 10-slot screens. Wells were developed prior to sample collection. The temporary wells were purged of ten well volumes prior to sampling. The temporary wells were sampled immediately after purging. One groundwater sample was collected at each well and was analyzed for VOCs, SVOCs, metals, and PCBs. A sample key is presented in Table 2.

Groundwater levels in the temporary monitoring wells were found to be at approximately 1.5 to 4 feet bgs. The apparent groundwater flow direction is south towards the Niagara River.

4.2.2 SITE SURVEY

All soil borings and temporary wells were surveyed for horizontal location and elevation based on a Site referenced grid system. The Site survey was completed on December 12, 2006. After plotting survey data, boring B-8 was found to be installed off Site approximately 10 feet east of the Property line on the Brzezinski Landfill. According to the NYSDEC, analytical results at B-8 are consistent with previous investigations completed at the Brzezinski Landfill.

4.3 RESULTS

4.3.1 SOIL

During subsurface investigation activities, 15 soil samples were collected and submitted to CompuChem Analytical Laboratories (CompuChem) for laboratory analyses. The results are as follows:

- Chemical concentrations were above 6 New York Code of Rules and Regulations (NYCRR) Subpart 375-6 for unrestricted use VOC criteria at boring B-7 within the fill material;
- Chemical concentrations were above 6 NYCRR Subpart 375-6 for unrestricted use SVOC criteria in borings B-1, B-3, B-7, and B-8;
- Chemical concentrations were above 6 NYCRR subpart 375-6 for unrestricted use metals criteria in one or more sample intervals at all locations; and

- Chemical concentrations were above 6 NYCRR Subpart 375-6 for unrestricted use total PCB criteria at boring locations B-1, B-3, B-4, and B-8 within the fill material.

The complete soil analytical results summary is presented in Table 3. The laboratory data results package is provided in Appendix B. As the Town's future use of the Site is undetermined, the analytical results were compared to the NYSDEC 6 NYCRR Subpart 375-6 unrestricted use criteria. Depending on the Town's future use of the Site, alternative criteria may be applicable, as 6 NYCRR Subpart 375 is a risk based criteria system that evaluated exposure based on property use for the protection of public health and the environment.

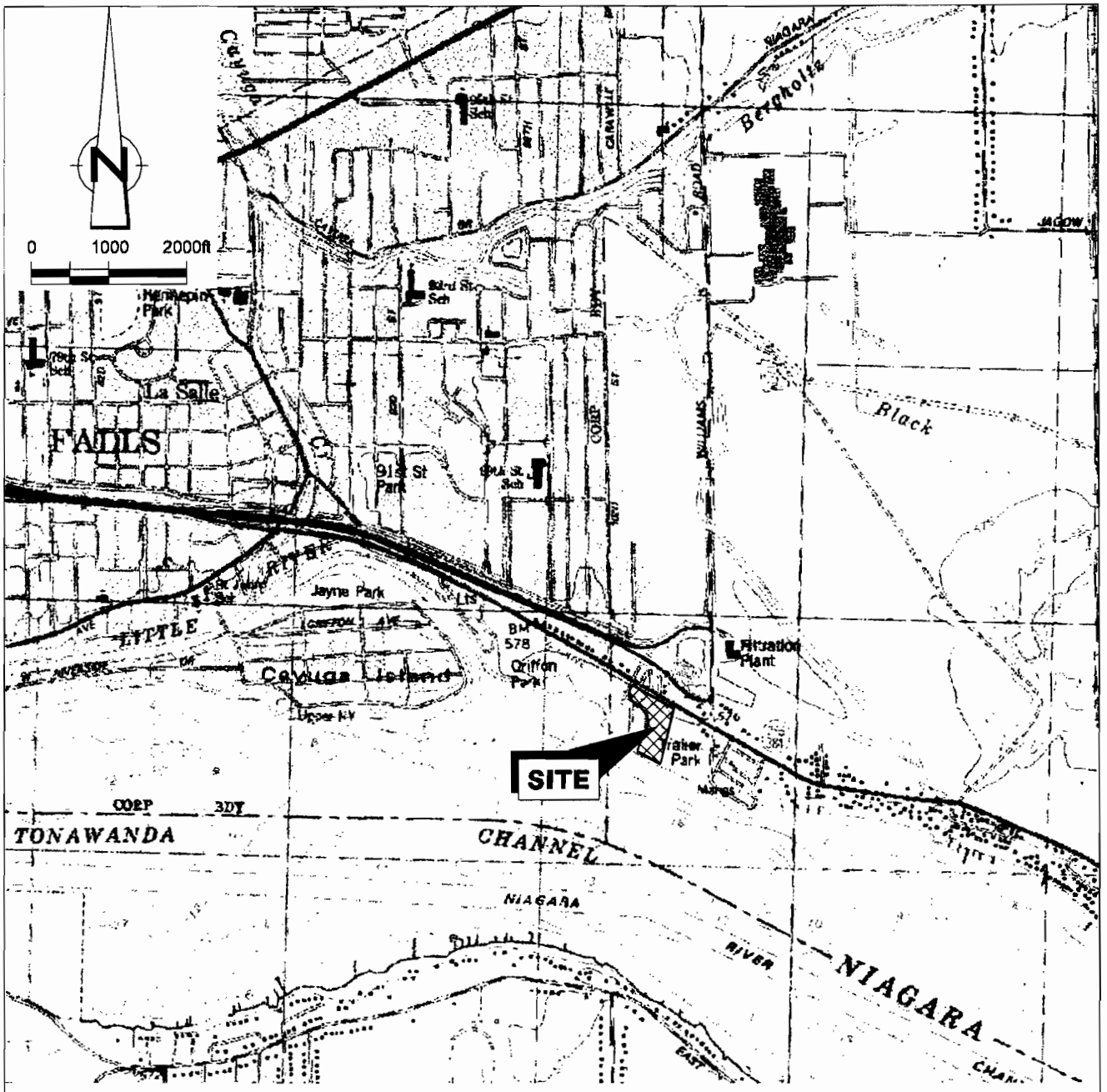
4.3.2 GROUNDWATER

Following temporary well installation and development, CRA collected and submitted four groundwater samples to CompuChem for laboratory analysis. Chemical concentrations in groundwater were above NYSDEC TOGS VOC criteria at temporary well MW-1 chemical concentrations in groundwater were above NYSDEC TOGS 1.1.1 SVOC criteria at temporary monitoring wells MW-1 and MW-3. Groundwater samples from all four temporary wells had chemical concentrations in groundwater above NYSDEC TOGS 1.1.1 metals criteria. The complete groundwater analytical results summary is presented in Table 4. The laboratory data results package is provided in Appendix B.

5.0 CONCLUSIONS

The Phase II subsurface investigation/ESA has revealed elevated levels of contaminant concentrations in soil and groundwater. The results of this Phase II ESA indicate that VOCs, SVOCs, metals, and PCBs are present in the soil at concentrations that exceed the NYSDEC 6 NYCRR Subpart 357-6 criteria at all boring locations. The results also indicate that VOCs, SVOC, and/or metals are present in the groundwater at concentrations that exceed the NYSDEC TOGS 1.1.1 water quality standards at all temporary monitoring well locations. Results have been compared to the strictest level of soil criteria as a starting point to provide the most options for property development and Site use.

FIGURES



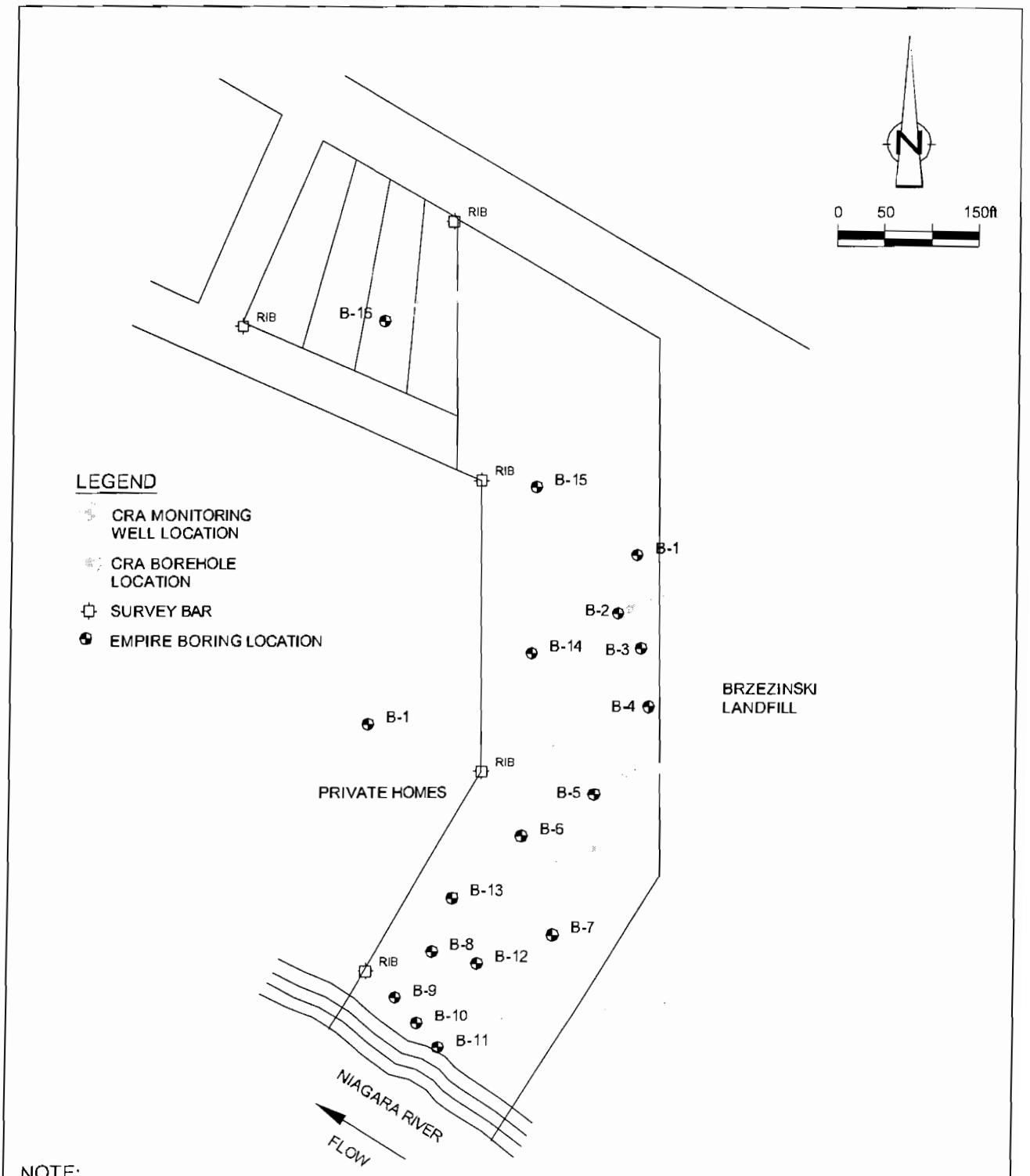
REFERENCE:

UNITED STATES GEOLOGIC SURVEY NORTH TONAWANDA WEST (NY)
TOPOGRAPHIC, 7.5 MINUTES SERIES 1980
SCALE: 1:24,000

figure 1

SITE LOCATION MAP
VACANT PROPERTY
2020 RIVER ROAD
Weatfield, New York

45596-00(002)GN-NF001 DEC 14/2006



NOTE:

EMPIRE GEOSERVICES BORING LOCATIONS ARE NOT REPRESENTED TO SCALE.

figure 2

EMPIRE GEO-SERVICES BORING LOCATIONS
VACANT PROPERTY
2020 RIVER ROAD
Wheatfield, New York

SOURCE:

EMPIRE GEOSERVICES, INC.
MODIFIED PHASE I/II ESA 08/2004

45596-00(002)GN-NF003 DEC 20/2006

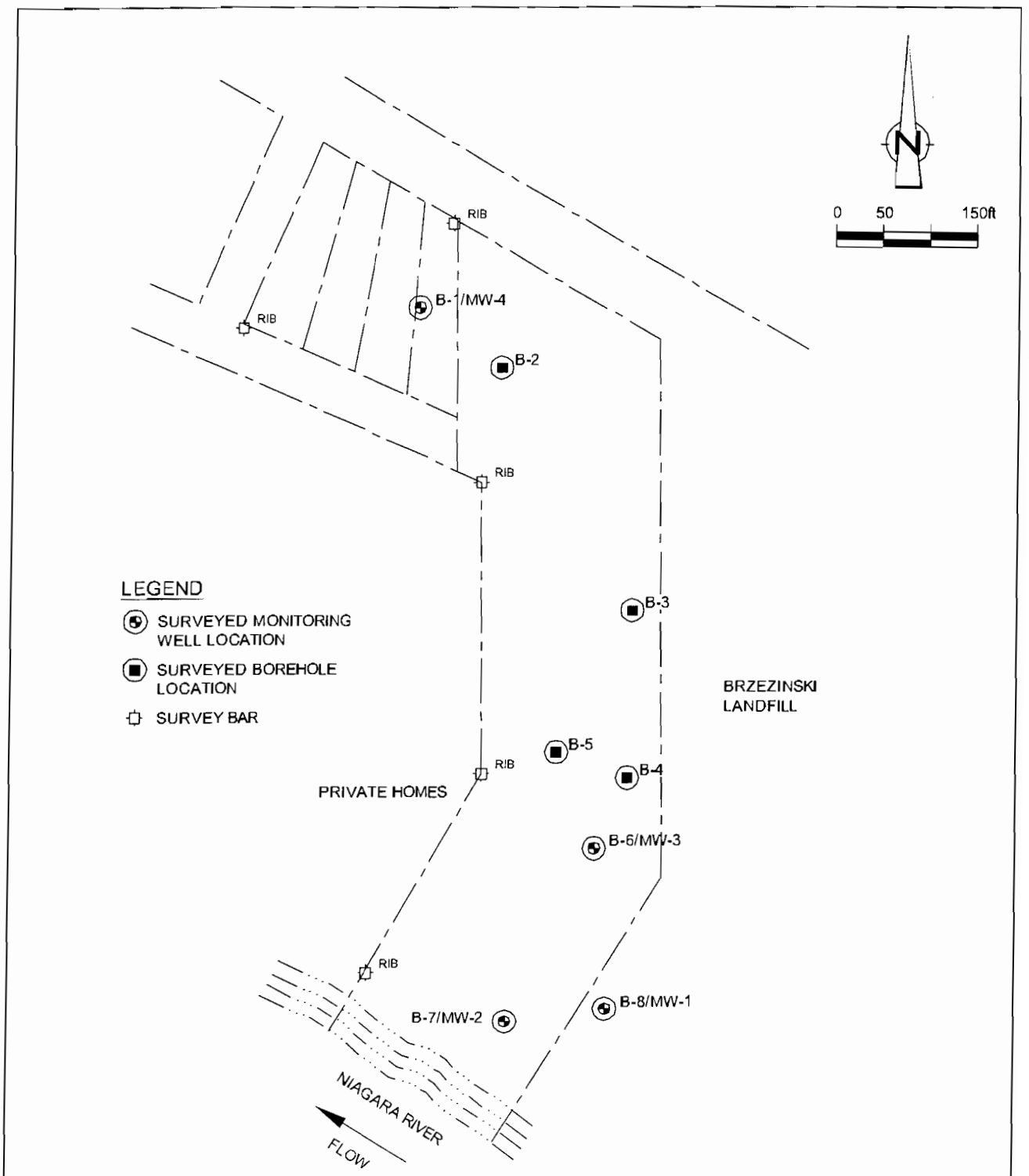


figure 3

SITE PLAN
VACANT PROPERTY
2020 RIVER ROAD
Wheatfield, New York

45596-00(002)GN-NF002 DEC 19/2006

TABLES

TABLE 1

EMPIRE'S ESA ANALYTICAL RESULTS
2020 RIVER ROAD
WHEATFIELD, NEW YORK
AUGUST 2006

Parameter	*Concentration (ppm)*	*NYSDEC STARS*	*TAGM 4046*	*Track 1 (Pub/Ecolo)*	*Track 2 (Res/Com/Ind)*
Benzo (a) anthracene	0.17	0.03	0.224	1	1.3/5.6/11
Chrysene	0.34	0.004	0.4	0.59	13/56/110
Benzo (b) fluoranthene	0.32	0.011	1.1	1	1.3/6/11
Benzo (k) fluoranthene	0.09	0.011	1.1	1.7	13/56/110
Indeno (1,2,3-cd) pyrene	0.13	0.032	3.2	0.5	1.3/5.6/11
Beryllium	0.2	NA	0.16/SB	14/10	72/590/2,700
Calcium	9,800	NA	SB	NA	NA
Chromium	250	NA	10/SB	19/.4	110/400/800
Copper	91	NA	25/SB	270/50	870/870/190000
Iron	24,000	NA	2,000/SB	NA	NA
Lead	220	NA	SB	400/63	400/1000/3900
Magnesium	2,700	NA	SB	NA	NA
Manganese	230	NA	SB	2,000/1,600	2000,15000/67000
Mercury	0.05	NA	0.1	0.73	.81/2.8/5.7
Nickel	190	NA	13/SB	130/30	310/310/27000
Potassium	350	NA	SB	NA	NA
Selenium	17	NA	2/SB	1/3.9	180/1500/6800
Sodium	200	NA	SB	NA	NA
Zinc	270	NA	20/SB	2,200/109	11000/89000/410000

Parameter	*Concentration (ppb)*	*NYSDEC Drinking Water MCLs (ppb)*
Lead	0.12	0.015

Notes:

MCL	Maximum Contaminant Level.
NA	Not Available.
NYSDEC	New York State Department of Environmental Conservation.
ppb	Parts Per Billion.
SB	Site Background.
STARS	Spill Technology and Remediation System.
TAGM	Technical and Administrative Guidance Memoranda.

TABLE 2

SAMPLE KEY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

Sample Identification	Sample Location	Sample Date	Sample Matrix	Sample Interval From	Sample Interval To	Water Level ft btc	Water Level ft Site ref.
S-45569-112706-JRR-001	B-4	11/27/06	Fill	6	8	-	-
S-45569-112706-JRR-002	B-4	11/27/06	Native soil	10	12	-	-
S-45569-112706-JRR-003	B-5	11/27/06	Fill	0	4	-	-
S-45569-112706-JRR-004	B-5	11/27/06	Native soil	6	8	-	-
S-45569-112706-JRR-005	B-6	11/27/06	Fill	2	6	-	-
S-45569-112706-JRR-006	B-6	11/27/06	Native soil	8	10	-	-
S-45569-112806-JRR-007	B-8	11/28/06	Fill	0	4	-	-
S-45569-112806-JRR-008	B-8	11/28/06	Native soil	8	10	-	-
S-45569-112806-JRR-009	B-7	11/28/06	Fill	4	6	-	-
S-45569-112806-JRR-010	B-7	11/28/06	Native soil	8	10	-	-
S-45569-112806-JRR-011	B-3	11/28/06	Fill	0	2	-	-
S-45569-112806-JRR-012	B-3	11/28/06	Native soil	8	10	-	-
S-45569-112906-JRR-013	B-1	11/29/06	Fill	0	4	-	-
S-45569-112906-JRR-014	B-1	11/29/06	Native soil	10	12	-	-
S-45569-112906-JRR-015	B-2	11/29/06	Native soil	0	4	-	-
S-45569-113006-JRR-016	MW-1 / B-8	11/30/06	Groundwater			4.83	97.43
S-45569-113006-JRR-017	MW-2 / B-7	11/30/06	Groundwater			6.41	96.97
S-45569-113006-JRR-018	MW-3 / B-6	11/30/06	Groundwater			4.91	98.55
S-45569-113006-JRR-019	MW-4 / B-4	11/30/06	Groundwater			5.44	99.59

Notes:
- Not available.
ft btc Feet Below Top of Casing.

TABLE 3

SOIL ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

Parameters	Units	Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives: Protection of Public Health: Residential	Restricted Use Soil Cleanup Objectives: Protection of Public Health: Commercial	Restricted Use Soil Cleanup Objectives: Protection of Ecological Resources	TAGM 4046 Rec. Soil Cleanup Objective	Sample Location: B-1 / Sample ID: S-45596-112906-JRR-013 / Sample Date: 11/29/2006 / Sample Depth: 0 - 4 ft	Sample Location: B-1 / Sample ID: S-45596-112906-JRR-014 / Sample Date: 11/29/2006 / Sample Depth: 10 - 12 ft	Sample Location: B-2 / Sample ID: S-45596-112906-JRR-015 / Sample Date: 11/29/2006 / Sample Depth: 0 - 4 ft	Sample Location: B-3 / Sample ID: S-45596-112806-JRR-011 / Sample Date: 11/28/2006 / Sample Depth: 0 - 2 ft	Sample Location: B-3 / Sample ID: S-45596-112806-JRR-012 / Sample Date: 11/28/2006 / Sample Depth: 8 - 10 ft
Volatile Organic Compounds											
1,1,1-Trichloroethane	mg/Kg	0.68	100	500	NC	0.8	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
1,1,2,2-Tetrachloroethane	mg/Kg	NC	NC	NC	NC	0.6	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
1,1,2-Trichloroethane	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
1,1-Dichloroethane	mg/Kg	0.27	19	240	NC	0.2	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
1,1-Dichloroethene	mg/Kg	0.33	100	500	NC	0.4	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
1,2,4-Trichlorobenzene	mg/Kg	NC	NC	NC	NC	3.4	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
1,2-Dibromoethane (Ethylene Dibromide)	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
1,2-Dichlorobenzene	mg/Kg	1.1	100	500	NC	7.9	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
1,2-Dichloroethane	mg/Kg	0.02	2.3	30	10	0.1	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
1,2-Dichloropropane	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
1,3-Dichlorobenzene	mg/Kg	2.4	17	280	NC	1.6	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
1,4-Dichlorobenzene	mg/Kg	1.8	9.8	130	20	8.5	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
2-Butanone (Methyl Ethyl Ketone)	mg/Kg	0.12	100	500	100	0.3	0.016 U	0.016 U	0.015 U	0.015 U	0.016 U
2-Hexanone	mg/Kg	NC	NC	NC	NC	NC	0.016 U	0.016 U	0.015 U	0.015 U	0.016 U
4-Methyl-2-Pentanone (Methyl Isobutyl Keton	mg/Kg	NC	NC	NC	NC	1	0.016 U	0.016 U	0.015 U	0.015 U	0.016 U
Acetone	mg/Kg	0.05	100	500	2.2	0.2	0.016 U	0.016 U	0.015 U	0.015 U	0.0056
Benzene	mg/Kg	0.06	2.9	44	70	0.06	0.00069	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Bromodichloromethane	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Bromoform	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Bromomethane (Methyl Bromide)	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Carbon disulfide	mg/Kg	NC	NC	NC	NC	2.7	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Carbon tetrachloride	mg/Kg	0.76	1.4	22	NC	0.6	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Chlorobenzene	mg/Kg	1.1	100	500	40	1.7	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Chloroethane	mg/Kg	NC	NC	NC	NC	1.9	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Chloroform (Trichloromethane)	mg/Kg	0.37	10	350	12	0.3	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Chloromethane (Methyl Chloride)	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
cis-1,2-Dichloroethene	mg/Kg	0.25	59	500	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
cis-1,3-Dichloropropene	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Cyclohexane	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Dibromochloromethane	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Dichlorodifluoromethane (CFC-12)	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Ethylbenzene	mg/Kg	1	30	390	NC	5.5	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Isopropylbenzene	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Methyl acetate	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Methyl cyclohexane	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Methyl Tert Butyl Ether	mg/Kg	0.93	62	500	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Methylene chloride	mg/Kg	0.05	51	500	12	0.1	0.0014	0.0066 U	0.0036	0.013	0.016
Styrene	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Tetrachloroethene	mg/Kg	1.3	5.5	150	2	1.4	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Toluene	mg/Kg	0.7	100	500	36	1.5	0.00086	0.0066 U	0.0059 U	0.00073	0.0064 U
trans-1,2-Dichloroethene	mg/Kg	0.19	100	500	NC	0.3	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U

TABLE 3

SOIL ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

Parameters	Units	Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives: Protection of Public Health: Residential	Restricted Use Soil Cleanup Objectives: Protection of Public Health: Commercial	Restricted Use Soil Cleanup Objectives: Protection of Ecological Resources	TAGM 4046 Rec. Soil Cleanup Objective	Sample Location: B-1 / Sample ID: S-45596-112906-JRR-013 / Sample Date: 11/29/2006 / Sample Depth: 0 - 4 ft	Sample Location: B-1 / Sample ID: S-45596-112906-JRR-014 / Sample Date: 11/29/2006 / Sample Depth: 10 - 12 ft	Sample Location: B-2 / Sample ID: S-45596-112906-JRR-015 / Sample Date: 11/29/2006 / Sample Depth: 0 - 4 ft	Sample Location: B-3 / Sample ID: S-45596-112806-JRR-011 / Sample Date: 11/28/2006 / Sample Depth: 0 - 2 ft	Sample Location: B-3 / Sample ID: S-45596-112806-JRR-012 / Sample Date: 11/28/2006 / Sample Depth: 8 - 10 ft
Volatiles (Cont'd.)											
trans-1,3-Dichloropropene	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Trichloroethene	mg/Kg	0.47	10	200	2	0.7	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Trichlorofluoromethane (CFC-11)	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Trifluorotrichloroethane (Freon 113)	mg/Kg	NC	NC	NC	NC	6	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Vinyl chloride	mg/Kg	0.02	0.21	13	NC	0.2	0.0063 U	0.0066 U	0.0059 U	0.0062 U	0.0064 U
Xylene (total)	mg/Kg	0.26	100	500	0.26	1.2	0.019 U	0.02 U	0.018 U	0.019 U	0.019 U
Semi-Volatile Organic Compounds											
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
2,4,5-Trichlorophenol	mg/Kg	NC	NC	NC	NC	0.1	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
2,4,6-Trichlorophenol	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
2,4-Dichlorophenol	mg/Kg	NC	NC	NC	NC	0.4	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
2,4-Dimethylphenol	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
2,4-Dinitrophenol	mg/Kg	NC	NC	NC	NC	0.200	0.84 U	0.87 U	0.78 U	0.81 U	0.85 U
2,4-Dinitrotoluene	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
2,6-Dinitrotoluene	mg/Kg	NC	NC	NC	NC	1	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
2-Chloronaphthalene	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
2-Chlorophenol	mg/Kg	NC	NC	NC	NC	0.8	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
2-Methylnaphthalene	mg/Kg	NC	NC	NC	NC	36.4	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
2-Methylphenol	mg/Kg	0.33	100	500	NC	0.100	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
2-Nitroaniline	mg/Kg	NC	NC	NC	NC	0.430	0.84 U	0.87 U	0.78 U	0.81 U	0.85 U
2-Nitrophenol	mg/Kg	NC	NC	NC	NC	0.330	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
3,3'-Dichlorobenzidine	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
3-Nitroaniline	mg/Kg	NC	NC	NC	NC	0.500	0.84 U	0.87 U	0.78 U	0.81 U	0.85 U
4,6-Dinitro-2-methylphenol	mg/Kg	NC	NC	NC	NC	NC	0.84 U	0.87 U	0.78 U	0.81 U	0.85 U
4-Bromophenyl phenyl ether	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
4-Chloro-3-methylphenol	mg/Kg	NC	NC	NC	NC	0.240	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
4-Chloroaniline	mg/Kg	NC	NC	NC	NC	0.220	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
4-Chlorophenyl phenyl ether	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
4-Methylphenol	mg/Kg	0.33	34	500	NC	0.9	0.84 U	0.87 U	0.78 U	0.81 U	0.85 U
4-Nitroaniline	mg/Kg	NC	NC	NC	NC	NC	0.84 U	0.87 U	0.78 U	0.81 U	0.85 U
4-Nitrophenol	mg/Kg	NC	NC	NC	NC	0.100	0.84 U	0.87 U	0.78 U	0.81 U	0.85 U
Acenaphthene	mg/Kg	20	100	500	20	50	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Acenaphthylene	mg/Kg	100	100	500	NC	41	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Acetophenone	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Anthracene	mg/Kg	100	100	500	NC	50	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Atrazine	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Benzaldehyde	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Benzo(a)anthracene	mg/Kg	1	1	5.6	NC	0.224	0.061	0.43 U	0.39 U	0.41 U	0.42 U
Benzo(a)pyrene	mg/Kg	1	1	1	2.6	0.061	0.069	0.43 U	0.39 U	0.41 U	0.42 U

TABLE 3

SOIL ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

Parameters	Units	Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives: Protection of Public Health: Residential	Restricted Use Soil Cleanup Objectives: Protection of Public Health: Commercial	Restricted Use Soil Cleanup Objectives: Protection of Ecological Resources	TAGM 4046 Rec. Soil Cleanup Objective	Sample Location: B-1 / Sample ID: S-45596-112906-JRR-013 / Sample Date: 11/29/2006 / Sample Depth: 0 - 4 ft	Sample Location: B-1 / Sample ID: S-45596-112906-JRR-014 / Sample Date: 11/29/2006 / Sample Depth: 10 - 12 ft	Sample Location: B-2 / Sample ID: S-45596-112906-JRR-015 / Sample Date: 11/29/2006 / Sample Depth: 0 - 4 ft	Sample Location: B-3 / Sample ID: S-45596-112806-JRR-011 / Sample Date: 11/28/2006 / Sample Depth: 0 - 2 ft	Sample Location: B-3 / Sample ID: S-45596-112806-JRR-012 / Sample Date: 11/28/2006 / Sample Depth: 8 - 10 ft
Semi-Volatiles (Cont'd.)											
Benzo(b)fluoranthene	mg/Kg	1	1	5.6	NC	1.1	0.078	0.43 U	0.39 U	0.061	0.42 U
Benzo(g,h,i)perylene	mg/Kg	100	100	500	NC	NC	0.051	0.43 U	0.39 U	0.042	0.42 U
Benzo(k)fluoranthene	mg/Kg	0.8	1	56	NC	1.1	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Biphenyl	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
bis(2-Chloroethoxy)methane	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
bis(2-Chloroethyl)ether	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
bis(2-Ethylhexyl)phthalate	mg/Kg	NC	NC	NC	NC	50	0.2	0.57	0.39 U	0.15	0.42 U
Butyl benzylphthalate	mg/Kg	NC	NC	NC	NC	50	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Caprolactam	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Carbazole	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Chrysene	mg/Kg	1	1	56	NC	0.4	0.094	0.43 U	0.39 U	0.078	0.42 U
Dibenz(a,h)anthracene	mg/Kg	0.33	0.33	0.56	NC	0.014	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Dibenzofuran	mg/Kg	7	14	350	NC	6.2	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Diethyl phthalate	mg/Kg	NC	NC	NC	NC	7.1	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Dimethyl phthalate	mg/Kg	NC	NC	NC	NC	2	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Di-n-butylphthalate	mg/Kg	NC	NC	NC	NC	8.1	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Di-n-octyl phthalate	mg/Kg	NC	NC	NC	NC	50	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Fluoranthene	mg/Kg	100	100	500	NC	50	0.17	0.43 U	0.39 U	0.098	0.42 U
Fluorene	mg/Kg	30	100	500	30	50	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Hexachlorobenzene	mg/Kg	0.33	0.33	6	NC	0.41	0.42 U	0.43 U	0.39 U	**0.95**	0.42 U
Hexachlorobutadiene	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Hexachlorocyclopentadiene	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Hexachloroethane	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Indeno(1,2,3-cd)pyrene	mg/Kg	0.5	0.5	5.6	NC	3.2	0.048	0.43 U	0.39 U	0.41 U	0.42 U
Isophorone	mg/Kg	NC	NC	NC	NC	4.4	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Naphthalene	mg/Kg	12	100	500	NC	13	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Nitrobenzene	mg/Kg	NC	NC	NC	NC	0.200	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
N-Nitrosodi-n-propylamine	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
N-Nitrosodiphenylamine	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Pentachlorophenol	mg/Kg	0.8	2.4	6.7	0.8	1.0	0.84 U	0.87 U	0.78 U	0.81 U	0.85 U
Phenanthrene	mg/Kg	100	100	500	NC	50	0.1	0.43 U	0.39 U	0.41 U	0.42 U
Phenol	mg/Kg	0.33	100	500	30	0.03	0.42 U	0.43 U	0.39 U	0.41 U	0.42 U
Pyrene	mg/Kg	100	100	500	NC	50	0.12	0.43 U	0.39 U	0.087	0.42 U
Metals											
Aluminum	mg/Kg	NC	NC	NC	NC	NC	7400	19500	10700	8350	19500
Antimony	mg/Kg	NC	NC	NC	NC	NC	3.6	0.63	0.24	0.28	0.71
Arsenic	mg/Kg	13	16	16	13	7.5	**72.6**	3.7	3.1	3.9	3.6
Barium	mg/Kg	350	350	400	433	300	123	123	63	96.9	138
Beryllium	mg/Kg	7.2	14	590	10	0.16	**0.47**	**0.87**	**0.49**	**0.54**	**0.85**
Cadmium	mg/Kg	2.5	2.5	9.3	4	1	**3.2**	0.6	0.33	0.64	0.63
Calcium	mg/Kg	NC	NC	NC	NC	NC	41700	57600	24300	46100	61500

TABLE 3

SOIL ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

Parameters	Units	Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives			TAGM 4046 Rec. Soil Cleanup Objective	Sample Location: B-1	Sample ID: S-45596-112906-JRR-013	Sample Date: 11/29/2006	Sample Depth: 0 - 4 ft	B-1 S-45596-112906-JRR-014 11/29/2006 10 - 12 ft	B-2 S-45596-112906-JRR-015 11/29/2006 0 - 4 ft	B-3 S-45596-112806-JRR-011 11/28/2006 0 - 2 ft	B-3 S-45596-112806-JRR-012 11/28/2006 8 - 10 ft
			Protection of Public Health		Protection of Ecological Resources									
			Residential	Commercial										
Metals (Cont'd.)														
Chromium Total	mg/Kg	NC	NC	NC	NC	10	**88.9**				**27.1**	**13.2**	**10.6**	**26.9**
Cobalt	mg/Kg	NC	NC	NC	NC	30	8.4				14.9	7	5	14.7
Copper	mg/Kg	50	270	270	50	25	**382**				**28.2**	12.9	**26.2**	**26.9**
Iron	mg/Kg	NC	NC	NC	NC	2000	**76800**				**29300**	**15500**	**12200**	**28800**
Lead	mg/Kg	63	400	1000	63	NC	**114**				10.3	7.4	43.1	9.5
Magnesium	mg/Kg	NC	NC	NC	NC	NC	10100				13600	7300	14300	13200
Manganese	mg/Kg	1600	2000	10000	1600	NC	476				641	296	623	713
Mercury	mg/Kg	0.18	0.81	2.8	0.18	0.1	**2.2**				0.019 U	0.033	0.06	0.02 U
Nickel	mg/Kg	30	140	310	30	13	**29.1**				**31.5**	**13.5**	12.6	**30.7**
Potassium	mg/Kg	NC	NC	NC	NC	NC	1130				5010	602	1360	4740
Selenium	mg/Kg	3.9	36	1500	3.9	2	0.3 U				0.32 U	0.28 U	0.28 U	0.31 U
Silver	mg/Kg	2	36	1500	2	NC	0.17				0.06 U	0.06 U	0.06 U	0.06 U
Sodium	mg/Kg	NC	NC	NC	NC	NC	156				234	39.7	117	289
Thallium	mg/Kg	NC	NC	NC	NC	NC	0.38 U				0.41 U	0.36 U	0.36 U	0.39 U
Vanadium	mg/Kg	NC	NC	NC	NC	150	20.5				38	21.5	15.4	36.7
Zinc	mg/Kg	109	2200	10000	109	20	**379**				**63**	**46.7**	**105**	**60.2**
PCBs														
Aroclor-1016 (PCB-1016)	mg/Kg	NC	NC	NC	NC	NC	0.03 U				0.032 U	0.028 U	0.03 U	0.031 U
Aroclor-1221 (PCB-1221)	mg/Kg	NC	NC	NC	NC	NC	0.043 U				0.045 U	0.04 U	0.042 U	0.044 U
Aroclor-1232 (PCB-1232)	mg/Kg	NC	NC	NC	NC	NC	0.022 U				0.022 U	0.02 U	0.021 U	0.022 U
Aroclor-1242 (PCB-1242)	mg/Kg	NC	NC	NC	NC	NC	0.022 U				0.022 U	0.02 U	0.021 U	0.022 U
Aroclor-1248 (PCB-1248)	mg/Kg	NC	NC	NC	NC	NC	0.022 U				0.022 U	0.02 U	0.021 U	0.022 U
Aroclor-1254 (PCB-1254)	mg/Kg	NC	NC	NC	NC	NC	0.33				0.022 U	0.02 U	0.14	0.022 U
Aroclor-1260 (PCB-1260)	mg/Kg	NC	NC	NC	NC	NC	0.082				0.022 U	0.02 U	0.17	0.022 U
Total PCBs	mg/Kg	0.1	1	1	1	10	**0.412**				ND	ND	**0.31**	ND

Notes:
B Compound detected in an associated blank.
J Estimated.
NC No Criteria.
PCBs Polychlorinated Biphenyls.
TAGM Technical and Administrative Guidance Memoranda.
U Non-detect at associated value.

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Volatile Organic Compounds											
1,1,1-Trichloroethane	mg/Kg	0.68	100	500	NC	0.8	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
1,1,2,2-Tetrachloroethane	mg/Kg	NC	NC	NC	NC	0.6	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
1,1,2-Trichloroethane	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
1,1-Dichloroethane	mg/Kg	0.27	19	240	NC	0.2	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
1,1-Dichloroethene	mg/Kg	0.33	100	500	NC	0.4	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
1,2,4-Trichlorobenzene	mg/Kg	NC	NC	NC	NC	3.4	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
1,2-Dibromoethane (Ethylene Dibromide)	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
1,2-Dichlorobenzene	mg/Kg	1.1	100	500	NC	7.9	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
1,2-Dichloroethane	mg/Kg	0.02	2.3	30	10	0.1	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
1,2-Dichloropropane	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
1,3-Dichlorobenzene	mg/Kg	2.4	17	280	NC	1.6	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
1,4-Dichlorobenzene	mg/Kg	1.8	9.8	130	20	8.5	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
2-Butanone (Methyl Ethyl Ketone)	mg/Kg	0.12	100	500	100	0.3	0.016 U	0.016 U	0.018 U	0.016 U	0.016 U
2-Hexanone	mg/Kg	NC	NC	NC	NC	NC	0.016 U	0.016 U	0.018 U	0.016 U	0.016 U
4-Methyl-2-Pentanone (Methyl Isobutyl Keton	mg/Kg	NC	NC	NC	NC	1	0.016 U	0.016 U	0.018 U	0.016 U	0.016 U
Acetone	mg/Kg	0.05	100	500	2.2	0.2	0.013	0.016 U	0.018 U	0.024	0.016 U
Benzene	mg/Kg	0.06	2.9	44	70	0.06	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Bromodichloromethane	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Bromoform	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Bromomethane (Methyl Bromide)	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Carbon disulfide	mg/Kg	NC	NC	NC	NC	2.7	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Carbon tetrachloride	mg/Kg	0.76	1.4	22	NC	0.6	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Chlorobenzene	mg/Kg	1.1	100	500	40	1.7	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Chloroethane	mg/Kg	NC	NC	NC	NC	1.9	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Chloroform (Trichloromethane)	mg/Kg	0.37	10	350	12	0.3	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Chloromethane (Methyl Chloride)	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
cis-1,2-Dichloroethene	mg/Kg	0.25	59	500	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
cis-1,3-Dichloropropene	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Cyclohexane	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Dibromochloromethane	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Dichlorodifluoromethane (CFC-12)	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Ethylbenzene	mg/Kg	1	30	390	NC	5.5	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Isopropylbenzene	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Methyl acetate	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Methyl cyclohexane	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Methyl Tert Butyl Ether	mg/Kg	0.93	62	500	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Methylene chloride	mg/Kg	0.05	51	500	12	0.1	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Styrene	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Tetrachloroethene	mg/Kg	1.3	5.5	150	2	1.4	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Toluene	mg/Kg	0.7	100	500	36	1.5	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
trans-1,2-Dichloroethene	mg/Kg	0.19	100	500	NC	0.3	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U

TABLE 3

SOIL ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

						Sample Location:	*B-4*	*B-4*	*B-5*	*B-5*	*B-6*
						Sample ID:	*S-45596-112706-JRR-001*	*S-45596-112706-JRR-002*	*S-45596-112706-JRR-003*	*S-45596-112706-JRR-004*	*S-45596-112706-JRR-005*
						Sample Date:	*11/27/2006*	*11/27/2006*	*11/27/2006*	*11/27/2006*	*11/27/2006*
						Sample Depth:	*6 - 8 ft*	*10 - 12 ft*	*0 - 4 ft*	*6 - 8 ft*	*2 - 6 ft*
		Unrestricted Use Soil Cleanup Objectives	*Restricted Use Soil Cleanup Objectives*			*TAGM 4046 Rec. Soil Cleanup Objective*					
			Protection of Public Health		*Protection of Ecological Resources*						
Parameters	*Units*		*Residential*	*Commercial*							
Volatiles (Cont'd.)											
trans-1,3-Dichloropropene	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Trichloroethene	mg/Kg	0.47	10	200	2	0.7	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Trichlorofluoromethane (CFC-11)	mg/Kg	NC	NC	NC	NC	NC	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Trifluorotrichloroethane (Freon 113)	mg/Kg	NC	NC	NC	NC	6	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Vinyl chloride	mg/Kg	0.02	0.21	13	NC	0.2	0.0063 U	0.0065 U	0.0072 U	0.0065 U	0.0064 U
Xylene (total)	mg/Kg	0.26	100	500	0.26	1.2	0.019 U	0.019 U	0.022 U	0.019 U	0.019 U
Semi-Volatile Organic Compounds											
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
2,4,5-Trichlorophenol	mg/Kg	NC	NC	NC	NC	0.1	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
2,4,6-Trichlorophenol	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
2,4-Dichlorophenol	mg/Kg	NC	NC	NC	NC	0.4	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
2,4-Dimethylphenol	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
2,4-Dinitrophenol	mg/Kg	NC	NC	NC	NC	0.200	0.84 U	0.86 U	0.96 U	0.86 U	0.85 U
2,4-Dinitrotoluene	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
2,6-Dinitrotoluene	mg/Kg	NC	NC	NC	NC	1	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
2-Chloronaphthalene	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
2-Chlorophenol	mg/Kg	NC	NC	NC	NC	0.8	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
2-Methylnaphthalene	mg/Kg	NC	NC	NC	NC	36.4	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
2-Methylphenol	mg/Kg	0.33	100	500	NC	0.100	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
2-Nitroaniline	mg/Kg	NC	NC	NC	NC	0.430	0.84 U	0.86 U	0.96 U	0.86 U	0.85 U
2-Nitrophenol	mg/Kg	NC	NC	NC	NC	0.330	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
3,3'-Dichlorobenzidine	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
3-Nitroaniline	mg/Kg	NC	NC	NC	NC	0.500	0.84 U	0.86 U	0.96 U	0.86 U	0.85 U
4,6-Dinitro-2-methylphenol	mg/Kg	NC	NC	NC	NC	NC	0.84 U	0.86 U	0.96 U	0.86 U	0.85 U
4-Bromophenyl phenyl ether	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
4-Chloro-3-methylphenol	mg/Kg	NC	NC	NC	NC	0.240	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
4-Chloroaniline	mg/Kg	NC	NC	NC	NC	0.220	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
4-Chlorophenyl phenyl ether	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
4-Methylphenol	mg/Kg	0.33	34	500	NC	0.9	0.84 U	0.86 U	0.96 U	0.86 U	0.85 U
4-Nitroaniline	mg/Kg	NC	NC	NC	NC	NC	0.84 U	0.86 U	0.96 U	0.86 U	0.85 U
4-Nitrophenol	mg/Kg	NC	NC	NC	NC	0.100	0.84 U	0.86 U	0.96 U	0.86 U	0.85 U
Acenaphthene	mg/Kg	20	100	500	20	50	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
Acenaphthylene	mg/Kg	100	100	500	NC	41	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
Acetophenone	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
Anthracene	mg/Kg	100	100	500	NC	50	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
Atrazine	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
Benzaldehyde	mg/Kg	NC	NC	NC	NC	NC	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
Benzo(a)anthracene	mg/Kg	1	1	5.6	NC	0.224	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U
Benzo(a)pyrene	mg/Kg	1	1	1	2.6	0.061	0.42 U	0.43 U	0.48 U	0.43 U	0.42 U

TABLE 3

SOIL ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

Parameters	Units	Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives			TAGM 4046 Rec. Soil Cleanup Objective	Sample Location: B-4	Sample ID: S-45596-112706-JRR-001	Sample Date: 11/27/2006	Sample Depth: 6 - 8 ft	B-4 S-45596-112706-JRR-002 11/27/2006 10 - 12 ft	B-5 S-45596-112706-JRR-003 11/27/2006 0 - 4 ft	B-5 S-45596-112706-JRR-004 11/27/2006 6 - 8 ft	B-6 S-45596-112706-JRR-005 11/27/2006 2 - 6 ft
			Protection of Public Health		Protection of Ecological Resources									
			Residential	Commercial										
Semi-Volatiles (Cont'd.)														
Benzo(b)fluoranthene	mg/Kg	1	1	5.6	NC	1.1	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Benzo(g,h,i)perylene	mg/Kg	100	100	500	NC	NC	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Benzo(k)fluoranthene	mg/Kg	0.8	1	56	NC	1.1	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Biphenyl	mg/Kg	NC	NC	NC	NC	NC	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
bis(2-Chloroethoxy)methane	mg/Kg	NC	NC	NC	NC	NC	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
bis(2-Chloroethyl)ether	mg/Kg	NC	NC	NC	NC	NC	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
bis(2-Ethylhexyl)phthalate	mg/Kg	NC	NC	NC	NC	50	0.7				0.66	0.18	0.43 U	0.17
Butyl benzylphthalate	mg/Kg	NC	NC	NC	NC	50	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Caprolactam	mg/Kg	NC	NC	NC	NC	NC	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Carbazole	mg/Kg	NC	NC	NC	NC	NC	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Chrysene	mg/Kg	1	1	56	NC	0.4	0.42 U				0.43 U	0.088	0.43 U	0.42 U
Dibenz(a,h)anthracene	mg/Kg	0.33	0.33	0.56	NC	0.014	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Dibenzofuran	mg/Kg	7	14	350	NC	6.2	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Diethyl phthalate	mg/Kg	NC	NC	NC	NC	7.1	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Dimethyl phthalate	mg/Kg	NC	NC	NC	NC	2	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Di-n-butylphthalate	mg/Kg	NC	NC	NC	NC	8.1	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Di-n-octyl phthalate	mg/Kg	NC	NC	NC	NC	50	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Fluoranthene	mg/Kg	100	100	500	NC	50	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Fluorene	mg/Kg	30	100	500	30	50	0.42 U				0.43 U	0.089	0.43 U	0.42 U
Hexachlorobenzene	mg/Kg	0.33	0.33	6	NC	0.41	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Hexachlorobutadiene	mg/Kg	NC	NC	NC	NC	NC	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Hexachlorocyclopentadiene	mg/Kg	NC	NC	NC	NC	NC	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Hexachloroethane	mg/Kg	NC	NC	NC	NC	NC	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Indeno(1,2,3-cd)pyrene	mg/Kg	0.5	0.5	5.6	NC	3.2	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Isophorone	mg/Kg	NC	NC	NC	NC	4.4	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Naphthalene	mg/Kg	12	100	500	NC	13	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Nitrobenzene	mg/Kg	NC	NC	NC	NC	0.200	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
N-Nitrosodi-n-propylamine	mg/Kg	NC	NC	NC	NC	NC	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
N-Nitrosodiphenylamine	mg/Kg	NC	NC	NC	NC	NC	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Pentachlorophenol	mg/Kg	0.8	2.4	6.7	0.8	1.0	0.84 U				0.86 U	0.96 U	0.86 U	0.85 U
Phenanthrene	mg/Kg	100	100	500	NC	50	0.42 U				0.43 U	0.077	0.43 U	0.42 U
Phenol	mg/Kg	0.33	100	500	30	0.03	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Pyrene	mg/Kg	100	100	500	NC	50	0.42 U				0.43 U	0.48 U	0.43 U	0.42 U
Metals														
Aluminum	mg/Kg	NC	NC	NC	NC	NC	4160				4090	8050	4110	5420
Antimony	mg/Kg	NC	NC	NC	NC	NC	0.16				0.16	0.28	0.2	0.17
Arsenic	mg/Kg	13	16	16	13	7.5	2.1				2.8	5.5	2.4	3.5
Barium	mg/Kg	350	350	400	433	300	15.1				16	62.5	15.6	32.5
Beryllium	mg/Kg	7.2	14	590	10	0.16	**0.2**				**0.18**	**0.47**	**0.19**	**0.28**
Cadmium	mg/Kg	2.5	2.5	9.3	4	1	0.16				0.19	0.32	0.16	0.47
Calcium	mg/Kg	NC	NC	NC	NC	NC	14000				14900	6290	16700	20500

TABLE 3

SOIL ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

Parameters	Units	Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives: Protection of Public Health: Residential	Restricted Use Soil Cleanup Objectives: Protection of Public Health: Commercial	Restricted Use Soil Cleanup Objectives: Protection of Ecological Resources	TAGM 4046 Rec. Soil Cleanup Objective	Sample Location: B-4 / Sample ID: S-45596-112706-JRR-001 / Sample Date: 11/27/2006 / Sample Depth: 6 - 8 ft	Sample Location: B-4 / Sample ID: S-45596-112706-JRR-002 / Sample Date: 11/27/2006 / Sample Depth: 10 - 12 ft	Sample Location: B-5 / Sample ID: S-45596-112706-JRR-003 / Sample Date: 11/27/2006 / Sample Depth: 0 - 4 ft	Sample Location: B-5 / Sample ID: S-45596-112706-JRR-004 / Sample Date: 11/27/2006 / Sample Depth: 6 - 8 ft	Sample Location: B-6 / Sample ID: S-45596-112706-JRR-005 / Sample Date: 11/27/2006 / Sample Depth: 2 - 6 ft
Metals (Cont'd.)											
Chromium Total	mg/Kg	NC	NC	NC	NC	10	6.4	6.2	**11.4**	6.1	7.9
Cobalt	mg/Kg	NC	NC	NC	NC	30	4.4	4.8	6.1	4.9	3.8
Copper	mg/Kg	50	270	270	50	25	7.9	7.7	20.6	7.4	20.8
Iron	mg/Kg	NC	NC	NC	NC	2000	**8660**	**9360**	**12400**	**8660**	**9250**
Lead	mg/Kg	63	400	1000	63	NC	5.7	4.9	19.7	4.6	18.1
Magnesium	mg/Kg	NC	NC	NC	NC	NC	7470	6890	3090	7050	11100
Manganese	mg/Kg	1600	2000	10000	1600	NC	152	154	149	153	502
Mercury	mg/Kg	0.18	0.81	2.8	0.18	0.1	0.019 U	0.019 U	0.081	0.019 U	0.078
Nickel	mg/Kg	30	140	310	30	13	10	10.4	**15.3**	10.7	10.2
Potassium	mg/Kg	NC	NC	NC	NC	NC	685	731	876	711	970
Selenium	mg/Kg	3.9	36	1500	3.9	2	0.3 U	0.32 U	0.35 U	0.32 U	0.31 U
Silver	mg/Kg	2	36	1500	2	NC	0.06 U	0.06 U	0.07 U	0.06 U	0.06 U
Sodium	mg/Kg	NC	NC	NC	NC	NC	54.8	51.9	70.4	59.6	49.6
Thallium	mg/Kg	NC	NC	NC	NC	NC	0.38 U	0.41 U	0.45 U	0.41 U	0.39 U
Vanadium	mg/Kg	NC	NC	NC	NC	150	9.3	9.8	16.4	9.3	13.1
Zinc	mg/Kg	109	2200	10000	109	20	**34.4**	**41.6**	**72.8**	**32.3**	**86.7**
PCBs											
Aroclor-1016 (PCB-1016)	mg/Kg	NC	NC	NC	NC	NC	0.3 U	0.031 U	0.035 U	0.031 U	0.031 U
Aroclor-1221 (PCB-1221)	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.044 U	0.049 U	0.044 U	0.044 U
Aroclor-1232 (PCB-1232)	mg/Kg	NC	NC	NC	NC	NC	0.22 U	0.022 U	0.025 U	0.022 U	0.022 U
Aroclor-1242 (PCB-1242)	mg/Kg	NC	NC	NC	NC	NC	0.22 U	0.022 U	0.025 U	0.022 U	0.022 U
Aroclor-1248 (PCB-1248)	mg/Kg	NC	NC	NC	NC	NC	0.22 U	0.022 U	0.025 U	0.022 U	0.022 U
Aroclor-1254 (PCB-1254)	mg/Kg	NC	NC	NC	NC	NC	0.22 U	0.022 U	0.025 U	0.022 U	0.022 U
Aroclor-1260 (PCB-1260)	mg/Kg	NC	NC	NC	NC	NC	0.82	0.022 U	0.025 U	0.022 U	0.022 U
Total PCBs	mg/Kg	0.1	1	1	1	10	**0.82**	ND	ND	ND	ND

Notes:
B Compound detected in an associated blank.
J Estimated.
NC No Criteria.
PCBs Polychlorinated Biphenyls.
TAGM Technical and Administrative Guidance Memoranda.
U Non-detect at associated value.

TABLE 3

SOIL ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
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Parameters	Units	Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives: Protection of Public Health: Residential	Restricted Use Soil Cleanup Objectives: Protection of Public Health: Commercial	Restricted Use Soil Cleanup Objectives: Protection of Ecological Resources	TAGM 4046 Rec. Soil Cleanup Objective	Sample Location: B-6 / Sample ID: S-45596-112706-JRR-006 / Sample Date: 11/27/2006 / Sample Depth: 8 - 10 ft	Sample Location: B-7 / Sample ID: S-45596-112806-JRR-009 / Sample Date: 11/28/2006 / Sample Depth: 4 - 6 ft	Sample Location: B-7 / Sample ID: S-45596-112806-JRR-010 / Sample Date: 11/28/2006 / Sample Depth: 8 - 10 ft	Sample Location: B-8 / Sample ID: S-45596-112806-JRR-007 / Sample Date: 11/28/2006 / Sample Depth: 0 - 4 ft	Sample Location: B-8 / Sample ID: S-45596-112806-JRR-008 / Sample Date: 11/28/2006 / Sample Depth: 8 - 10 ft
Volatile Organic Compounds											
1,1,1-Trichloroethane	mg/Kg	0.68	100	500	NC	0.8	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
1,1,2,2-Tetrachloroethane	mg/Kg	NC	NC	NC	NC	0.6	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
1,1,2-Trichloroethane	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
1,1-Dichloroethane	mg/Kg	0.27	19	240	NC	0.2	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
1,1-Dichloroethene	mg/Kg	0.33	100	500	NC	0.4	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0011
1,2,4-Trichlorobenzene	mg/Kg	NC	NC	NC	NC	3.4	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
1,2-Dibromoethane (Ethylene Dibromide)	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
1,2-Dichlorobenzene	mg/Kg	1.1	100	500	NC	7.9	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
1,2-Dichloroethane	mg/Kg	0.02	2.3	30	10	0.1	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
1,2-Dichloropropane	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
1,3-Dichlorobenzene	mg/Kg	2.4	17	280	NC	1.6	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
1,4-Dichlorobenzene	mg/Kg	1.8	9.8	130	20	8.5	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
2-Butanone (Methyl Ethyl Ketone)	mg/Kg	0.12	100	500	100	0.3	0.016 U	0.011	0.016 U	0.016 U	0.016 U
2-Hexanone	mg/Kg	NC	NC	NC	NC	NC	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
4-Methyl-2-Pentanone (Methyl Isobutyl Keton	mg/Kg	NC	NC	NC	NC	1	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Acetone	mg/Kg	0.05	100	500	2.2	0.2	0.016 U	**0.067**	0.013	0.022	0.016 U
Benzene	mg/Kg	0.06	2.9	44	70	0.06	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Bromodichloromethane	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Bromoform	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Bromomethane (Methyl Bromide)	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Carbon disulfide	mg/Kg	NC	NC	NC	NC	2.7	0.0066 U	0.0048	0.00088	0.0015	0.0066 U
Carbon tetrachloride	mg/Kg	0.76	1.4	22	NC	0.6	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Chlorobenzene	mg/Kg	1.1	100	500	40	1.7	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Chloroethane	mg/Kg	NC	NC	NC	NC	1.9	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0012
Chloroform (Trichloromethane)	mg/Kg	0.37	10	350	12	0.3	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Chloromethane (Methyl Chloride)	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
cis-1,2-Dichloroethene	mg/Kg	0.25	59	500	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0011
cis-1,3-Dichloropropene	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Cyclohexane	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Dibromochloromethane	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Dichlorodifluoromethane (CFC-12)	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Ethylbenzene	mg/Kg	1	30	390	NC	5.5	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Isopropylbenzene	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Methyl acetate	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Methyl cyclohexane	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Methyl Tert Butyl Ether	mg/Kg	0.93	62	500	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Methylene chloride	mg/Kg	0.05	51	500	12	0.1	0.0066 U	0.03	0.016	0.03	0.0059
Styrene	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Tetrachloroethene	mg/Kg	1.3	5.5	150	2	1.4	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Toluene	mg/Kg	0.7	100	500	36	1.5	0.0066 U	0.0011	0.00073	0.00095	0.00074
trans-1,2-Dichloroethene	mg/Kg	0.19	100	500	NC	0.3	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U

TABLE 3

SOIL ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

Parameters	Units	Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives: Protection of Public Health: Residential	Restricted Use Soil Cleanup Objectives: Protection of Public Health: Commercial	Restricted Use Soil Cleanup Objectives: Protection of Ecological Resources	TAGM 4046 Rec. Soil Cleanup Objective	Sample Location: B-6 / Sample ID: S-45596-112706-JRR-006 / Sample Date: 11/27/2006 / Sample Depth: 8 - 10 ft	Sample Location: B-7 / Sample ID: S-45596-112806-JRR-009 / Sample Date: 11/28/2006 / Sample Depth: 4 - 6 ft	Sample Location: B-7 / Sample ID: S-45596-112806-JRR-010 / Sample Date: 11/28/2006 / Sample Depth: 8 - 10 ft	Sample Location: B-8 / Sample ID: S-45596-112806-JRR-007 / Sample Date: 11/28/2006 / Sample Depth: 0 - 4 ft	Sample Location: B-8 / Sample ID: S-45596-112806-JRR-008 / Sample Date: 11/28/2006 / Sample Depth: 8 - 10 ft
Volatiles (Cont'd.)											
trans-1,3-Dichloropropene	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Trichloroethene	mg/Kg	0.47	10	200	2	0.7	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Trichlorofluoromethane (CFC-11)	mg/Kg	NC	NC	NC	NC	NC	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Trifluorotrichloroethane (Freon 113)	mg/Kg	NC	NC	NC	NC	6	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066 U
Vinyl chloride	mg/Kg	0.02	0.21	13	NC	0.2	0.0066 U	0.0063 U	0.0063 U	0.0065 U	0.0066
Xylene (total)	mg/Kg	0.26	100	500	0.26	1.2	0.02 U	0.019 U	0.019 U	0.019 U	0.02 U
Semi-Volatile Organic Compounds											
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
2,4,5-Trichlorophenol	mg/Kg	NC	NC	NC	NC	0.1	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
2,4,6-Trichlorophenol	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
2,4-Dichlorophenol	mg/Kg	NC	NC	NC	NC	0.4	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
2,4-Dimethylphenol	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
2,4-Dinitrophenol	mg/Kg	NC	NC	NC	NC	0.200	0.87 U	0.83 U	0.83 U	0.86 U	0.87 U
2,4-Dinitrotoluene	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
2,6-Dinitrotoluene	mg/Kg	NC	NC	NC	NC	1	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
2-Chloronaphthalene	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
2-Chlorophenol	mg/Kg	NC	NC	NC	NC	0.8	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
2-Methylnaphthalene	mg/Kg	NC	NC	NC	NC	36.4	0.43 U	0.065	0.41 U	0.076	0.43 U
2-Methylphenol	mg/Kg	0.33	100	500	NC	0.100	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
2-Nitroaniline	mg/Kg	NC	NC	NC	NC	0.430	0.87 U	0.83 U	0.83 U	0.86 U	0.87 U
2-Nitrophenol	mg/Kg	NC	NC	NC	NC	0.330	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
3,3'-Dichlorobenzidine	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
3-Nitroaniline	mg/Kg	NC	NC	NC	NC	0.500	0.87 U	0.83 U	0.83 U	0.86 U	0.87 U
4,6-Dinitro-2-methylphenol	mg/Kg	NC	NC	NC	NC	NC	0.87 U	0.83 U	0.83 U	0.86 U	0.87 U
4-Bromophenyl phenyl ether	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
4-Chloro-3-methylphenol	mg/Kg	NC	NC	NC	NC	0.240	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
4-Chloroaniline	mg/Kg	NC	NC	NC	NC	0.220	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
4-Chlorophenyl phenyl ether	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
4-Methylphenol	mg/Kg	0.33	34	500	NC	0.9	0.87 U	0.14	0.83 U	0.86 U	0.87 U
4-Nitroaniline	mg/Kg	NC	NC	NC	NC	NC	0.87 U	0.83 U	0.83 U	0.86 U	0.87 U
4-Nitrophenol	mg/Kg	NC	NC	NC	NC	0.100	0.87 U	0.83 U	0.83 U	0.86 U	0.87 U
Acenaphthene	mg/Kg	20	100	500	20	50	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Acenaphthylene	mg/Kg	100	100	500	NC	41	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Acetophenone	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Anthracene	mg/Kg	100	100	500	NC	50	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Atrazine	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Benzaldehyde	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Benzo(a)anthracene	mg/Kg	1	1	5.6	NC	0.224	0.43 U	0.086	0.41 U	0.16	0.43 U
Benzo(a)pyrene	mg/Kg	1	1	1	2.6	0.061	0.43 U	**0.087**	0.41 U	**0.21**	0.43 U

TABLE 3

SOIL ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

Parameters	Units	Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives: Protection of Public Health: Residential	Restricted Use Soil Cleanup Objectives: Protection of Public Health: Commercial	Restricted Use Soil Cleanup Objectives: Protection of Ecological Resources	TAGM 4046 Rec. Soil Cleanup Objective	Sample Location: B-6 / Sample ID: S-45596-112706-JRR-006 / Sample Date: 11/27/2006 / Sample Depth: 8 - 10 ft	Sample Location: B-7 / Sample ID: S-45596-112806-JRR-009 / Sample Date: 11/28/2006 / Sample Depth: 4 - 6 ft	Sample Location: B-7 / Sample ID: S-45596-112806-JRR-010 / Sample Date: 11/28/2006 / Sample Depth: 8 - 10 ft	Sample Location: B-8 / Sample ID: S-45596-112806-JRR-007 / Sample Date: 11/28/2006 / Sample Depth: 0 - 4 ft	Sample Location: B-8 / Sample ID: S-45596-112806-JRR-008 / Sample Date: 11/28/2006 / Sample Depth: 8 - 10 ft
Semi-Volatiles (Cont'd.)											
Benzo(b)fluoranthene	mg/Kg	1	1	5.6	NC	1.1	0.43 U	0.12	0.055	0.21	0.43 U
Benzo(g,h,i)perylene	mg/Kg	100	100	500	NC	NC	0.43 U	0.095	0.41 U	0.26	0.43 U
Benzo(k)fluoranthene	mg/Kg	0.8	1	56	NC	1.1	0.43 U	0.41 U	0.41 U	0.16	0.43 U
Biphenyl	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
bis(2-Chloroethoxy)methane	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
bis(2-Chloroethyl)ether	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
bis(2-Ethylhexyl)phthalate	mg/Kg	NC	NC	NC	NC	50	0.11	0.76	0.15	0.53	0.12
Butyl benzylphthalate	mg/Kg	NC	NC	NC	NC	50	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Caprolactam	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Carbazole	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Chrysene	mg/Kg	1	1	56	NC	0.4	0.43 U	0.14	0.075	0.23	0.43 U
Dibenz(a,h)anthracene	mg/Kg	0.33	0.33	0.56	NC	0.014	0.43 U	0.41 U	0.41 U	**0.078**	0.43 U
Dibenzofuran	mg/Kg	7	14	350	NC	6.2	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Diethyl phthalate	mg/Kg	NC	NC	NC	NC	7.1	0.43 U	0.079	0.41 U	0.43 U	0.43 U
Dimethyl phthalate	mg/Kg	NC	NC	NC	NC	2	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Di-n-butylphthalate	mg/Kg	NC	NC	NC	NC	8.1	0.43 U	0.73	0.41 U	0.14	0.43 U
Di-n-octyl phthalate	mg/Kg	NC	NC	NC	NC	50	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Fluoranthene	mg/Kg	100	100	500	NC	50	0.43 U	0.15	0.14	0.19	0.43 U
Fluorene	mg/Kg	30	100	500	30	50	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Hexachlorobenzene	mg/Kg	0.33	0.33	6	NC	0.41	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Hexachlorobutadiene	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Hexachlorocyclopentadiene	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Hexachloroethane	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Indeno(1,2,3-cd)pyrene	mg/Kg	0.5	0.5	5.6	NC	3.2	0.43 U	0.067	0.41 U	0.18	0.43 U
Isophorone	mg/Kg	NC	NC	NC	NC	4.4	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Naphthalene	mg/Kg	12	100	500	NC	13	0.43 U	0.15	0.41 U	0.061	0.43 U
Nitrobenzene	mg/Kg	NC	NC	NC	NC	0.200	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
N-Nitrosodi-n-propylamine	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
N-Nitrosodiphenylamine	mg/Kg	NC	NC	NC	NC	NC	0.43 U	0.41 U	0.41 U	0.43 U	0.43 U
Pentachlorophenol	mg/Kg	0.8	2.4	6.7	0.8	1.0	0.87 U	0.83 U	0.83 U	0.86 U	0.87 U
Phenanthrene	mg/Kg	100	100	500	NC	50	0.43 U	0.1	0.093	0.17	0.43 U
Phenol	mg/Kg	0.33	100	500	30	0.03	0.43 U	**1.3**	0.41 U	**0.17**	0.43 U
Pyrene	mg/Kg	100	100	500	NC	50	0.43 U	0.13	0.097	0.16	0.43 U
Metals											
Aluminum	mg/Kg	NC	NC	NC	NC	NC	4370	2830	3440	5830	3790
Antimony	mg/Kg	NC	NC	NC	NC	NC	0.18	5.6	0.14 U	2.2	0.15 U
Arsenic	mg/Kg	13	16	16	13	7.5	4	**10**	3.1	**9.1**	3.5
Barium	mg/Kg	350	350	400	433	300	15.3	35	13.5	81	16.1
Beryllium	mg/Kg	7.2	14	590	10	0.16	**0.22**	0.01 U	0.16	0.01 U	**0.2**
Cadmium	mg/Kg	2.5	2.5	9.3	4	1	0.21	0.97	0.14	0.64	0.18
Calcium	mg/Kg	NC	NC	NC	NC	NC	14400	6100	15900	8570	13200

TABLE 3

SOIL ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

Parameters	Units	Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives			TAGM 4046 Rec. Soil Cleanup Objective	Sample Location: B-6	Sample ID: S-45596-112706-JRR-006	Sample Date: 11/27/2006	Sample Depth: 8 - 10 ft
			Protection of Public Health		Protection of Ecological Resources					
			Residential	Commercial						
Metals (Cont'd.)										
Chromium Total	mg/Kg	NC	NC	NC	NC	10	6.6	**145**	5.8	**72.9**
Cobalt	mg/Kg	NC	NC	NC	NC	30	5.6	6.7	4.3	3.6
Copper	mg/Kg	50	270	270	50	25	8.4	189	7.9	138
Iron	mg/Kg	NC	NC	NC	NC	2000	**10600**	**36400**	**8790**	**28300**
Lead	mg/Kg	63	400	1000	63	NC	5.9	**338**	22.1	**75.2**
Magnesium	mg/Kg	NC	NC	NC	NC	NC	6430	412	5550	1180
Manganese	mg/Kg	1600	2000	10000	1600	NC	182	195	124	256
Mercury	mg/Kg	0.18	0.81	2.8	0.18	0.1	0.02 U	**1.6**	0.02 U	**0.52**
Nickel	mg/Kg	30	140	310	30	13	12	**167**	10	**39.7**
Potassium	mg/Kg	NC	NC	NC	NC	NC	785	93	595	305
Selenium	mg/Kg	3.9	36	1500	3.9	2	0.32 U	**4.4**	0.3 U	**3.9**
Silver	mg/Kg	2	36	1500	2	NC	0.06 U	0.29	0.06 U	0.17
Sodium	mg/Kg	NC	NC	NC	NC	NC	57.1	366	97.7	340
Thallium	mg/Kg	NC	NC	NC	NC	NC	0.41 U	0.39 U	0.38 U	0.4 U
Vanadium	mg/Kg	NC	NC	NC	NC	150	10.5	16.5	9.1	30.3
Zinc	mg/Kg	109	2200	10000	109	20	**43.9**	**644**	**36.1**	**166**
PCBs										
Aroclor-1016 (PCB-1016)	mg/Kg	NC	NC	NC	NC	NC	0.032 U	0.03 U	0.03 U	0.031 U
Aroclor-1221 (PCB-1221)	mg/Kg	NC	NC	NC	NC	NC	0.045 U	0.043 U	0.043 U	0.044 U
Aroclor-1232 (PCB-1232)	mg/Kg	NC	NC	NC	NC	NC	0.022 U	0.021 U	0.021 U	0.022 U
Aroclor-1242 (PCB-1242)	mg/Kg	NC	NC	NC	NC	NC	0.022 U	0.021 U	0.021 U	0.022 U
Aroclor-1248 (PCB-1248)	mg/Kg	NC	NC	NC	NC	NC	0.022 U	0.021 U	0.021 U	0.022 U
Aroclor-1254 (PCB-1254)	mg/Kg	NC	NC	NC	NC	NC	0.022 U	0.021 U	0.021 U	0.03
Aroclor-1260 (PCB-1260)	mg/Kg	NC	NC	NC	NC	NC	0.018	0.042	0.021 U	0.1
Total PCBs	mg/Kg	0.1	1	1	1	10	0.018	0.042	ND	**0.13**

Parameters	Units	Sample Location: B-7	Sample ID: S-45596-112806-JRR-009	Sample Date: 11/28/2006	Sample Depth: 4 - 6 ft
Metals (Cont'd.)					
Chromium Total	mg/Kg	6.4	4.9	10.1	9740
Cobalt	mg/Kg	7.4	6350	149	0.021 U
Copper	mg/Kg	10.9	700	0.32 U	0.06 U
Iron	mg/Kg	86.8	0.41 U	9.8	**42.2**
Lead	mg/Kg				
Magnesium	mg/Kg				
Manganese	mg/Kg				
Mercury	mg/Kg				
Nickel	mg/Kg				
Potassium	mg/Kg				
Selenium	mg/Kg				
Silver	mg/Kg				
Sodium	mg/Kg				
Thallium	mg/Kg				
Vanadium	mg/Kg				
Zinc	mg/Kg				
PCBs					
Aroclor-1016 (PCB-1016)	mg/Kg	0.032 U	0.045 U	0.022 U	0.022 U
Aroclor-1221 (PCB-1221)	mg/Kg	0.045 U	0.022 U	0.022 U	0.022 U
Aroclor-1232 (PCB-1232)	mg/Kg	0.022 U	0.022 U	0.022 U	0.022 U
Aroclor-1242 (PCB-1242)	mg/Kg	0.022 U	0.022 U	0.022 U	0.022 U
Aroclor-1248 (PCB-1248)	mg/Kg	0.022 U	0.022 U	0.022 U	0.022 U
Aroclor-1254 (PCB-1254)	mg/Kg	0.022 U	0.022 U	0.022 U	0.022 U
Aroclor-1260 (PCB-1260)	mg/Kg	0.018	0.042	0.021 U	0.1
Total PCBs	mg/Kg	0.018	0.042	ND	**0.13**

Parameters	Units	Sample Location: B-7	Sample ID: S-45596-112806-JRR-010	Sample Date: 11/28/2006	Sample Depth: 8 - 10 ft
Metals (Cont'd.)					
Chromium Total	mg/Kg	5.8	**72.9**	6.4	6350
Cobalt	mg/Kg	4.3	3.6	4.9	149
Copper	mg/Kg	7.9	138	10.1	0.021 U
Iron	mg/Kg	8790	28300	9740	10.9
Lead	mg/Kg	22.1	75.2	7.4	700
Magnesium	mg/Kg	5550	1180	6350	0.32 U
Manganese	mg/Kg	124	256	149	0.06 U
Mercury	mg/Kg	0.02 U	0.52	0.021 U	86.8
Nickel	mg/Kg	10	39.7	10.9	0.41 U
Potassium	mg/Kg	595	305	700	9.8
Selenium	mg/Kg	0.3 U	3.9	0.32 U	**42.2**
Silver	mg/Kg	0.06 U	0.17	0.06 U	
Sodium	mg/Kg	97.7	340	86.8	
Thallium	mg/Kg	0.38 U	0.4 U	0.41 U	
Vanadium	mg/Kg	9.1	30.3	9.8	
Zinc	mg/Kg	**36.1**	166	**42.2**	
PCBs					
Aroclor-1016 (PCB-1016)	mg/Kg	0.03 U	0.031 U	0.032 U	0.022 U
Aroclor-1221 (PCB-1221)	mg/Kg	0.043 U	0.044 U	0.045 U	0.022 U
Aroclor-1232 (PCB-1232)	mg/Kg	0.021 U	0.022 U	0.022 U	0.022 U
Aroclor-1242 (PCB-1242)	mg/Kg	0.021 U	0.022 U	0.022 U	0.022 U
Aroclor-1248 (PCB-1248)	mg/Kg	0.021 U	0.022 U	0.022 U	0.022 U
Aroclor-1254 (PCB-1254)	mg/Kg	0.021 U	0.03	0.022 U	0.022 U
Aroclor-1260 (PCB-1260)	mg/Kg	0.021 U	0.1	0.022 U	
Total PCBs	mg/Kg	ND	**0.13**	ND	

Notes:

B Compound detected in an associated blank.
J Estimated.
NC No Criteria.
PCBs Polychlorinated Biphenyls.
TAGM Technical and Administrative Guidance Memoranda.
U Non-detect at associated value.

TABLE 4

GROUNDWATER ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

Parameters	Units	New York State Water Quality Standards	New York State Water Quality Guidance Values	Sample Location: MW-1 Sample ID: GW-45596-113006-JRR-016 Sample Date: 11/30/2006	MW-2 GW-45596-113006-JRR-017 11/30/2006	MW-3 GW-45596-113006-JRR-018 11/30/2006	MW-4 GW-45596-113006-JRR-019 11/30/2006
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	µg/L	1 H(WS)	NC	5 U	5 U	5 U	5 U
1,1-Dichloroethane	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
1,1-Dichloroethene	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	0.04 H(WS)	NC	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene Dibromide)	µg/L	0.0006 H(WS)	NC	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	µg/L	3 H(WS)	NC	5 U	5 U	5 U	5 U
1,2-Dichloroethane	µg/L	0.6 H(WS)	NC	5 U	5 U	5 U	5 U
1,2-Dichloropropane	µg/L	1 H(WS)	NC	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	µg/L	3 H(WS)	NC	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	µg/L	3 H(WS)	NC	5 U	5 U	5 U	5 U
2-Butanone (Methyl Ethyl Ketone)	µg/L	NC	50 H(WS)	13 U	13 U	13 U	13 U
2-Hexanone	µg/L	NC	50 H(WS)	13 U	13 U	13 U	13 U
4-Methyl-2-Pentanone (Methyl Isobutyl Keton	µg/L	NC	NC	13 U	13 U	13 U	13 U
Acetone	µg/L	NC	50 H(WS)	13 U	13 U	13 U	13 U
Benzene	µg/L	1 H(WS)	NC	5 U	5 U	5 U	5 U
Bromodichloromethane	µg/L	NC	50 H(WS)	5 U	5 U	5 U	5 U
Bromoform	µg/L	NC	50 H(WS)	5 U	5 U	5 U	5 U
Bromomethane (Methyl Bromide)	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
Carbon disulfide	µg/L	NC	60 H(WS)	5 U	5 U	5 U	5 U
Carbon tetrachloride	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
Chlorobenzene	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
Chloroethane	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
Chloroform (Trichloromethane)	µg/L	7 H(WS)	NC	1.5	5 U	2.1	5 U
Chloromethane (Methyl Chloride)	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	µg/L	5 H(WS)	NC	3.2	5 U	5 U	5 U
cis-1,3-Dichloropropene	µg/L	NC	NC	5 U	5 U	5 U	5 U
Cyclohexane	µg/L	NC	NC	5 U	5 U	5 U	5 U
Dibromochloromethane	µg/L	NC	50 H(WS)	5 U	5 U	5 U	5 U
Dichlorodifluoromethane (CFC-12)	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
Ethylbenzene	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
Isopropylbenzene	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
Methyl acetate	µg/L	NC	NC	5 U	5 U	5 U	5 U
Methyl cyclohexane	µg/L	NC	NC	5 U	5 U	5 U	5 U
Methyl Tert Butyl Ether	µg/L	NC	10 H(WS)	5 U	5 U	5 U	5 U
Methylene chloride	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
Styrene	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
Tetrachloroethene	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
Toluene	µg/L	5 H(WS)	NC	1.5	1.2	1.1	1.3

TABLE 4

GROUNDWATER ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

Parameters	Units	New York State Water Quality Standards	New York State Water Quality Guidance Values	Sample Location: MW-1 Sample ID: GW-45596-113006-JRR-016 Sample Date: 11/30/2006	MW-2 GW-45596-113006-JRR-017 11/30/2006	MW-3 GW-45596-113006-JRR-018 11/30/2006	MW-4 GW-45596-113006-JRR-019 11/30/2006
Volatiles (Cont'd.)							
trans-1,2-Dichloroethene	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	µg/L	NC	NC	5 U	5 U	5 U	5 U
Trichloroethene	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
Trichlorofluoromethane (CFC-11)	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
Trifluorotrichloroethane (Freon 113)	µg/L	5 H(WS)	NC	5 U	5 U	5 U	5 U
Vinyl chloride	µg/L	2 H(WS)	NC	**9.3**	5 U	5 U	5 U
Xylene (total)	µg/L	NC	NC	5 U	5 U	5 U	5 U
Semi-Volatile Organic Compounds							
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	5 H(WS)	NC	11 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	NC	NC	11 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	NC	NC	11 U	10 U	10 U	10 U
2,4-Dichlorophenol	µg/L	5 H(WS)	NC	11 U	10 U	10 U	10 U
2,4-Dimethylphenol	µg/L	NC	50 H(WS)	11 U	10 U	10 U	10 U
2,4-Dinitrophenol	µg/L	NC	10 H(WS)	21 U	20 U	20 U	20 U
2,4-Dinitrotoluene	µg/L	5 H(WS)	NC	11 U	10 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	5 H(WS)	NC	11 U	10 U	10 U	10 U
2-Chloronaphthalene	µg/L	NC	10 E	11 U	10 U	10 U	10 U
2-Chlorophenol	µg/L	NC	NC	11 U	10 U	10 U	10 U
2-Methylnaphthalene	µg/L	NC	NC	11 U	10 U	10 U	10 U
2-Methylphenol	µg/L	NC	NC	11 U	10 U	10 U	10 U
2-Nitroaniline	µg/L	5 H(WS)	NC	21 U	20 U	20 U	20 U
2-Nitrophenol	µg/L	NC	NC	11 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	5 H(WS)	NC	11 U	10 U	10 U	10 U
3-Nitroaniline	µg/L	5 H(WS)	NC	21 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	µg/L	NC	NC	21 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether	µg/L	NC	NC	11 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	NC	NC	11 U	10 U	10 U	10 U
4-Chloroaniline	µg/L	5 H(WS)	NC	11 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	NC	NC	11 U	10 U	10 U	10 U
4-Methylphenol	µg/L	NC	NC	21 U	20 U	20 U	20 U
4-Nitroaniline	µg/L	5 H(WS)	NC	21 U	20 U	20 U	20 U
4-Nitrophenol	µg/L	NC	NC	21 U	20 U	20 U	20 U
Acenaphthene	µg/L	NC	20 H(WS)	11 U	10 U	10 U	10 U
Acenaphthylene	µg/L	NC	NC	11 U	10 U	10 U	10 U
Acetophenone	µg/L	NC	NC	11 U	10 U	10 U	10 U
Anthracene	µg/L	NC	50 H(WS)	11 U	10 U	10 U	10 U
Atrazine	µg/L	7.5 H(WS)	NC	11 U	10 U	10 U	10 U
Benzaldehyde	µg/L	NC	NC	11 U	10 U	10 U	10 U
Benzo(a)anthracene	µg/L	NC	0.002 H(WS)	11 U	10 U	10 U	10 U
Benzo(a)pyrene	µg/L	ND H(WS)	NC	11 U	10 U	10 U	10 U

TABLE 4

GROUNDWATER ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

Parameters	Units	New York State Water Quality Standards	New York State Water Quality Guidance Values	Sample Location: MW-1 Sample ID: GW-45596-113006-JRR-016 Sample Date: 11/30/2006	MW-2 GW-45596-113006-JRR-017 11/30/2006	MW-3 GW-45596-113006-JRR-018 11/30/2006	MW-4 GW-45596-113006-JRR-019 11/30/2006
Semi-Volatiles (Cont'd.)							
Benzo(b)fluoranthene	µg/L	NC	0.002 H(WS)	11 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	µg/L	NC	NC	11 U	10 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	NC	0.002 H(WS)	11 U	10 U	10 U	10 U
Biphenyl	µg/L	5 H(WS)	NC	11 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	µg/L	5 H(WS)	NC	11 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	µg/L	1 H(WS)	NC	11 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	5 H(WS)	NC	**6.2**	10 U	**7.4**	4.3
Butyl benzylphthalate	µg/L	NC	50 H(WS)	11 U	10 U	10 U	10 U
Caprolactam	µg/L	NC	NC	11 U	10 U	10 U	10 U
Carbazole	µg/L	NC	NC	11 U	10 U	10 U	10 U
Chrysene	µg/L	NC	0.002 H(WS)	11 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	NC	NC	11 U	10 U	10 U	10 U
Dibenzofuran	µg/L	NC	NC	11 U	10 U	10 U	10 U
Diethyl phthalate	µg/L	NC	50 H(WS)	11 U	10 U	1.4	10 U
Dimethyl phthalate	µg/L	NC	50 H(WS)	11 U	10 U	10 U	10 U
Di-n-butylphthalate	µg/L	50 H(WS)	NC	11 U	10 U	4	10 U
Di-n-octyl phthalate	µg/L	NC	50 H(WS)	11 U	10 U	10 U	10 U
Fluoranthene	µg/L	NC	50 H(WS)	11 U	10 U	10 U	10 U
Fluorene	µg/L	NC	50 H(WS)	11 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	0.04 H(WS)	NC	11 U	10 U	10 U	10 U
Hexachlorobutadiene	µg/L	0.5 H(WS)	NC	11 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	5 H(WS)	NC	21 U	20 U	20 U	20 U
Hexachloroethane	µg/L	5 H(WS)	NC	11 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	NC	0.002 H(WS)	11 U	10 U	10 U	10 U
Isophorone	µg/L	NC	50 H(WS)	11 U	10 U	10 U	10 U
Naphthalene	µg/L	NC	10 E	11 U	10 U	10 U	10 U
Nitrobenzene	µg/L	0.4 H(WS)	NC	11 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	µg/L	NC	NC	11 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	NC	50 H(WS)	11 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	1 E	NC	21 U	20 U	20 U	20 U
Phenanthrene	µg/L	NC	50 H(WS)	11 U	10 U	10 U	10 U
Phenol	µg/L	1 E	NC	11 U	10 U	10 U	10 U
Pyrene	µg/L	NC	50 H(WS)	11 U	10 U	10 U	10 U
Metals							
Aluminum	µg/L	NC	NC	3820	10200	48900	37300
Antimony	µg/L	3 H(WS)	NC	**4**	**10.2**	**5.3**	**7.2**
Arsenic	µg/L	25 H(WS)	NC	6.2	12.7	**62.1**	15.3
Barium	µg/L	1000 H(WS)	NC	386	196	837	258
Beryllium	µg/L	NC	3 H(WS)	0.2	0.6	2.8	1.9
Cadmium	µg/L	5 H(WS)	NC	0.2 U	0.2 U	1.3	1.7

TABLE 4

GROUNDWATER ANALYTICAL RESULTS SUMMARY
2020 RIVER ROAD
WHEATFIELD, NEW YORK
NOVEMBER 2006

		New York State Water Quality					
Sample Location:				*MW-1*	*MW-2*	*MW-3*	*MW-4*
Sample ID:				*GW-45596-113006-JRR-016*	*GW-45596-113006-JRR-017*	*GW-45596-113006-JRR-018*	*GW-45596-113006-JRR-019*
Sample Date:				*11/30/2006*	*11/30/2006*	*11/30/2006*	*11/30/2006*
Parameters	*Units*	*Standards*	*Guidance Values*				
Metals (Cont'd.)							
Calcium	µg/L	NC	NC	251000	296000	762000	665000
Chromium Total	µg/L	50 H(WS)	NC	9.2	**54.3**	**84.3**	**57.3**
Cobalt	µg/L	NC	NC	5	13.6	74.7	28.5
Copper	µg/L	200 H(WS)	NC	14.9	120	137	142
Iron	µg/L	300 E	NC	**25800**	**75500**	**192000**	**63900**
Lead	µg/L	25 H(WS)	NC	15.3	**370**	**86.5**	**103**
Magnesium	µg/L	NC	35000 H(WS)	**62100**	**72300**	**97000**	**112000**
Manganese	µg/L	300 E	NC	**1170**	**826**	**5740**	**1880**
Mercury	µg/L	0.7 H(WS)	NC	0.1 U	0.1	0.13	**1**
Nickel	µg/L	100 H(WS)	NC	12.9	69.9	**144**	74.5
Potassium	µg/L	NC	NC	17200	4330	9750	12400
Selenium	µg/L	10 H(WS)	NC	2.5 U	2.5 U	2.5 U	2.5 U
Silver	µg/L	50 H(WS)	NC	0.5 U	0.5 U	0.5 U	0.5 U
Sodium	µg/L	20000 H(WS)	NC	**81700**	**81300**	**28400**	**260000**
Thallium	µg/L	NC	0.5 H(WS)	3.2 U	3.2 U	3.2 U	3.2 U
Vanadium	µg/L	NC	NC	8.9	32	91.9	73.4
Zinc	µg/L	NC	2000 H(WS)	47.5	428	515	298
PCBs							
Aroclor-1016 (PCB-1016)	µg/L	NC	NC	0.93 U	0.93 U	0.93 U	0.93 U
Aroclor-1221 (PCB-1221)	µg/L	NC	NC	1.3 U	1.3 U	1.3 U	1.3 U
Aroclor-1232 (PCB-1232)	µg/L	NC	NC	0.93 U	0.93 U	0.93 U	0.93 U
Aroclor-1242 (PCB-1242)	µg/L	NC	NC	0.63 U	0.63 U	0.63 U	0.63 U
Aroclor-1248 (PCB-1248)	µg/L	NC	NC	0.63 U	0.63 U	0.63 U	0.63 U
Aroclor-1254 (PCB-1254)	µg/L	NC	NC	0.63 U	0.63 U	0.63 U	0.63 U
Aroclor-1260 (PCB-1260)	µg/L	NC	NC	0.93 U	0.93 U	0.93 U	0.93 U
Total PCBs	µg/L	0.9 H(WS)	NC	ND	ND	ND	ND

Notes:
B Compound detected in an associated blank.
J Estimated.
NC No Criteria.
PCBs Polychlorinated Biphenyls.
U Non-detect at associated value.

APPENDIX A

STRATIGRAPHY LOGS

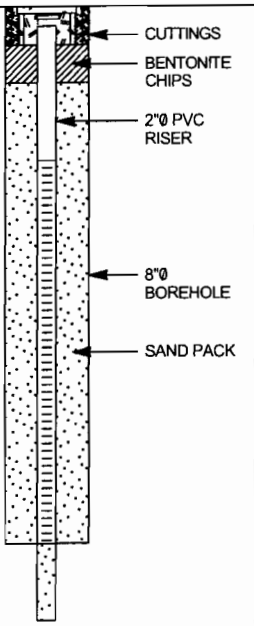
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: 2020 River Road
PROJECT NUMBER: 45596
CLIENT: Town of Wheatfield
LOCATION: Wheatfield, New York

HOLE DESIGNATION: B-1/MW-4
DATE COMPLETED: November 23, 2006
DRILLING METHOD: HSA
FIELD PERSONNEL: J. Raby

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	Topsoil	0.60
2	FILL-rock fragments, sand, silt, wood fragments, moist	
4	CH-CLAY, with gravel and silt, stiff, fine to coarse grained gravel, medium plasticity, homogeneous, olive gray, slightly moist	4.20
6		
8	- moist below 9.0 ft BGS	
10	- gravelly clay, saturated below 9.9 ft BGS - moist below 10.1 ft BGS	
12		
14		
16	END OF BOREHOLE @ 16.0ft BGS	16.00
	Water level in well at 2.44 ft BGS	
18		
20		
22		
24		
26		
28		
30		
32		
34		

MONITOR INSTALLATION



WELL DETAILS
Screened interval:
4.00 to 14.00ft BGS
Length: 10ft
Diameter: 2in
Slot Size: 10
Material: PVC
Seal:
1.00 to 2.00ft BGS
Material: Bentonite
Sand Pack:
2.00 to 14.00ft BGS
Material: 00 Sand

SAMPLE

NUMBER	INTERVAL	REC (ft)	'N' VALUE	PID (ppm)
13 SS1		1.0	9	1.0
13 SS2		1.0	11	0.5
SS3		1.3	23	0.6
SS4		2.0	16	0.7
SS5		1.7	11	0.4
14 SS6		2.0	7	0.4
SS7		0.0	7	

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 45596.GPJ CRA_CORP.GDT 12/19/06

STRATIGRAPHIC LOG (OVERBURDEN)

PROJECT NAME: 2020 River Road
PROJECT NUMBER: 45596
CLIENT: Town of Wheatfield
LOCATION: Wheatfield, New York

HOLE DESIGNATION: B-2
DATE COMPLETED: November 23, 2006
DRILLING METHOD: HSA
FIELD PERSONNEL: J. Raby

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	Topsoil	0.50	13				
	ML-SILT, trace sand, very stiff, non-plastic, homogeneous, olive gray, slightly moist		SS1		1.5	8	0.5
2			SS2		1.9	22	0.4
4	CH-CLAY with silt, very stiff, medium to high plasticity, homogeneous, light brown, slightly moist	3.80	15				
			SS3		1.8	16	0.4
6	- black highly organic material below 5.8 ft BGS - trace silt, very stiff, fine grained, medium plasticity, homogeneous, light brown, dry below 6.4 ft BGS		SS4		1.9	18	0.4
8			SS5		2.0	15	0.5
10	- with silt, saturated below 10.0 ft BGS		SS6		1.7	5	0.1
12			SS7		2.0	5	0.1
14	- trace silt, soft below 14.5 ft BGS		SS8		2.0		0.1
16	END OF BOREHOLE @ 16.0ft BGS	16.00					
18							
20							
22							
24							
26							
28							
30							
32							
34							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ⊽
CHEMICAL ANALYSIS ⬭

OVERBURDEN LOG 45596.GPJ CRA_CORP.GDT 12/19/06

STRATIGRAPHIC LOG (OVERBURDEN)

PROJECT NAME: 2020 River Road
PROJECT NUMBER: 45596
CLIENT: Town of Wheatfield
LOCATION: Wheatfield, New York

HOLE DESIGNATION: B-3
DATE COMPLETED: November 22, 2006
DRILLING METHOD: HSA
FIELD PERSONNEL: J. Raby

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	Topsoil	0.30	11				
	CH-CLAY with silt, soft, medium to high plasticity, homogeneous, light brown, slightly moist		SS1		1.1	4	0.2
2	- topsoil-like fill below 2.3 ft BGS		SS2		1.8	10	0.4
	ML-SILT, trace sand, very stiff, non-plastic, homogeneous, olive gray, slightly moist	3.20					
4	CH-CLAY very stiff, medium plasticity to plastic, homogeneous, light brown, slightly moist	4.00	SS3		2.0	19	0.4
6			SS4		2.0	18	0.3
8	- moist below 8.0 ft BGS		12				
			SS5		2.0	10	0.4
10			SS6		2.0	4	0.4
12			SS7		2.0	2	0.3
14			SS8		2.0	2	0.3
16	- saturated below 16.0 ft BGS		SS9		2.0		0.5
18			SS10				
20	END OF BOREHOLE @ 20.0ft BGS	20.00					
22							
24							
26							
28							
30							
32							
34							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽
CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 45596.GPJ CRA_CORP.GDT 12/19/06

STRATIGRAPHIC LOG
(OVERBURDEN)

PROJECT NAME: 2020 River Road
PROJECT NUMBER: 45596
CLIENT: Town of Wheatfield
LOCATION: Wheatfield, New York

HOLE DESIGNATION: B-4
DATE COMPLETED: November 20, 2006
DRILLING METHOD: HSA
FIELD PERSONNEL: J. Raby

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	Topsoil	0.30					
	FILL-SILT, some gravel, some clay, trace sand, loose, fine grained sand, slightly plastic, massive, light brown, moist		SS1		1.6	5	0.5
			SS2		1.3	12	0.2
	- brick fragments, saturated below 5.0 ft BGS		SS3		1.7	8	0.1
			001				
			SS4		1.6	7	0.1
	ML-SILT, trace clay, trace sand, loose, fine grained sand, non-plastic, massive, olive gray, wet	8.00	SS5		1.8	5	0
			002				
			SS6		1.7	5	0
			SS7		1.8	4	0
			SS8		1.6		0
			SS9		1.5	5	0
	CH-CLAY, some gravel, with silt, loose, plastic, massive, light brown, wet	17.50	SS10				0
	END OF BOREHOLE @ 20.0ft BGS	20.00					

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 45596.GPJ CRA_CORP.GDT 12/19/06

STRATIGRAPHIC LOG (OVERBURDEN)

PROJECT NAME: 2020 River Road
PROJECT NUMBER: 45596
CLIENT: Town of Wheatfield
LOCATION: Wheatfield, New York

HOLE DESIGNATION: B-5
DATE COMPLETED: November 20, 2006
DRILLING METHOD: HSA
FIELD PERSONNEL: J. Raby

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	SAMPLE NUMBER	SAMPLE INTERVAL	REC (ft)	'N' VALUE	PID (ppm)
0	FILL		003 SS1		1.1	24	0.3
2			003 SS2		1.0	13	0.3
4	ML-SILT, trace clay, trace sand, loose, fine grained sand, non-plastic, massive, olive gray, moist	3.50	SS3		1.6	10	0
6			004 SS4		2.0	5	0.4
8	- wet below 7.5 ft BGS		SS5		2.0	2	0.3
10			SS6		2.0		0.2
12			SS7		1.5		
14			SS8				
16	END OF BOREHOLE @ 16.0ft BGS	16.00					
18							
20							
22							
24							
26							
28							
30							
32							
34							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (003)

OVERBURDEN LOG 45596.GPJ CRA_CORP.GDT 12/19/06

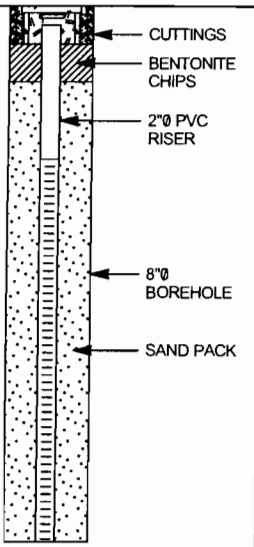
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: 2020 River Road
PROJECT NUMBER: 45596
CLIENT: Town of Wheatfield
LOCATION: Wheatfield, New York

HOLE DESIGNATION: B-6/MW-3
DATE COMPLETED: November 20, 2006
DRILLING METHOD: HSA
FIELD PERSONNEL: J. Raby

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	FILL-SILT	
5.80	ML-SILT, trace clay, trace sand, loose, fine grained sand, non-plastic, massive, olive gray, moist - wet below 8.0 ft BGS	
14.00	END OF BOREHOLE @ 14.0ft BGS Water level in well at 2.04 ft BGS	

MONITOR INSTALLATION



WELL DETAILS
Screened interval:
4.00 to 14.00ft BGS
Length: 10ft
Diameter: 2in
Slot Size: 10
Material: PVC
Seal:
1.00 to 2.00ft BGS
Material: Bentonite
Sand Pack:
2.00 to 14.00ft BGS
Material: 00 Sand

SAMPLE NUMBER	INTERVAL	REC (ft)	'N' VALUE	PID (ppm)
SS1		0.1	4	0
5				
SS2		0.1	13	0
SS3		1.2	6	0.3
SS4		1.9	6	0.4
6				
SS5		1.3	9	0.3
SS6		1.4	5	0.3
SS7		1.8	2	0.3

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (5)

OVERBURDEN LOG 45596.GPJ CRA_CORP.GDT 12/19/06

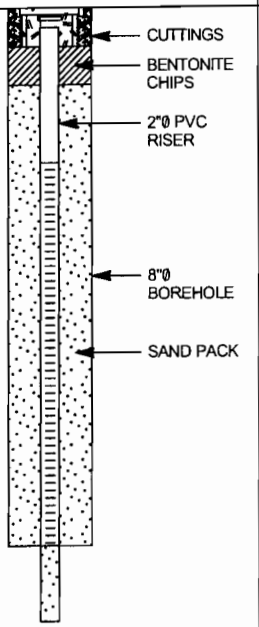
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: 2020 River Road
PROJECT NUMBER: 45596
CLIENT: Town of Wheatfield
LOCATION: Wheatfield, New York

HOLE DESIGNATION: B-7/MW-2
DATE COMPLETED: November 22, 2006
DRILLING METHOD: HSA
FIELD PERSONNEL: J. Raby

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	Topsoil	0.10
2	FILL-slag, gravel, concrete, wood chunks, soft, gray, metallic slag	
4		
6	- black fill, slight chemical odor below 5.0 ft BGS	6.70
8	ML-SILT, trace sand, very stiff, non-plastic, homogeneous, olive gray, slightly moist	
10	- saturated below 10.0 ft BGS	
12		
14	SW-SAND, with gravel and silt, dense, fine to coarse grained, well graded, homogeneous, olive gray, saturated	14.00
16	END OF BOREHOLE @ 16.0ft BGS	16.00
18	Water level in well at 4.14 ft BGS	
20		
22		
24		
26		
28		
30		
32		
34		

MONITOR INSTALLATION



WELL DETAILS
Screened interval:
4.00 to 14.00ft BGS
Length: 10ft
Diameter: 2in
Slot Size: 10
Material: PVC
Seal:
1.00 to 2.00ft BGS
Material: Bentonite
Sand Pack:
2.00 to 14.00ft BGS
Material: 00 Sand

SAMPLE NUMBER	INTERVAL	REC (ft)	'N' VALUE	PID (ppm)
SS1		1.9	14	0.0
SS2		0.8	4	0.2
(9) SS3		1.7	76	2.6
SS4		1.7	21	0.3
(10) SS5		1.2	22	0.3
SS6		1.2	7	0.3
SS7		1.5	2	0.0
SS8		1.9	40	0.1

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 45596.GPJ CRA_CORP.GDT 12/19/06

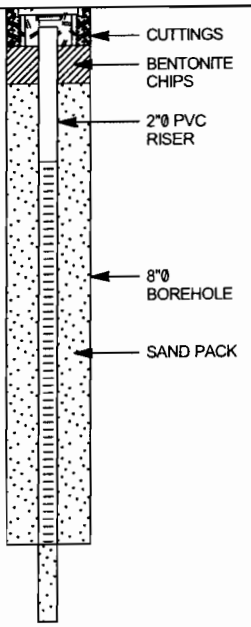
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: 2020 River Road
PROJECT NUMBER: 45596
CLIENT: Town of Wheatfield
LOCATION: Wheatfield, New York

HOLE DESIGNATION: B-8/MW-1
DATE COMPLETED: November 21, 2006
DRILLING METHOD: HSA
FIELD PERSONNEL: J. Raby

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	Topsoil	0.50
	FILL-gravel, sand, cinders, concrete fragments, coarse grained, moist	
4	ML-SILT, with clay, trace gravel, stiff, slightly plastic, massive, olive to dark gray, moist	4.30
10	- wet below 8.0 ft BGS	
16	END OF BOREHOLE @ 16.0ft BGS	16.00
	Water level in well at 1.63 ft BGS	

MONITOR INSTALLATION



WELL DETAILS
Screened interval:
4.00 to 14.00ft BGS
Length: 10ft
Diameter: 2in
Slot Size: 10
Material: PVC
Seal:
1.00 to 2.00ft BGS
Material: Bentonite
Sand Pack:
2.00 to 14.00ft BGS
Material: 00 Sand

SAMPLE NUMBER	INTERVAL	REC (ft)	'N' VALUE	PID (ppm)
7 SS1		1.4	7	4.4
7 SS2		1.4	8	0.2
SS3		1.5	12	0.1
SS4		1.5	16	0.1
8 SS5		1.6	5	0.2
SS6		0.7	3	0.2
SS7		1.5		0.1
SS8		0.4	32	0.1

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 45596.GPJ CRA_CORP.GDT 12/19/06

APPENDIX B

LABORATORY RESULTS DATA PACKAGE