### Design Phase Investigation

AREA OF CONCERN 1: Chemical Building 11

AREA OF CONCERN 2: Silver Wastewater Recovery System

AREA OF CONCERN 3: Eastern Portion of the Site

AREA OF CONCERN 4: Miscellaneous Areas

AREA OF CONCERN 5: Asbestos Containing Materials

AREA OF CONCERN 6: Residual Chemicals Inside Building

AREA OF CONCERN 7: Building 2 and 7 Wastewater

AREA OF CONCERN 8: Building 7 Sump and Pit

AREA OF CONCERN 9: Former Boiler House UST

AREA OF CONCERN 10: Building 12 Wastewater

AREA OF CONCERN 11: Waste Soil Piles

AREA OF CONCERN 12: Suspect Dumping

AREA OF CONCERN 13: South Drainage Swale

#### Location:

NYSDEC ERP No. B00016 Former Photech Imaging Site 1000 Driving Park Avenue Rochester, New York

#### Prepared for:

City of Rochester Division of Environmental Quality 30 Church Street Rochester, New York 14614

LaBella Project No. 209288 City DEQ No. 032536 June 7, 2012

#### **Table of Contents**

		Page
1.0	INTRODUCTION	1
2.0	BACKGROUND	1
3.0	REFERNCES	2
4.0	STANDARDS, CRITERIA, AND GUIDANCE	2
5.0	SUMMARY OF DESIGN PHASE INVESTIGATION	3
6.0	SUMMARY OF RESULTS	7
Table A	OC 3A OC 3B-3F OC 4A, 4B OC 7 OC 8-12	
Figure Fi	1 – Site Location Map 2 – Area of Concern Map 3 – AOC 1A and AOC 1B 4 – AOC 2 5 – AOC 3A 6 – AOC 3B to 3F 7 – AOC 4A, 4B, 10, and 11 8 – AOC 7 9 – AOC 13 10 – Well Location Map and Summary of DPI Groundwater Sampling Results	

Appendix 1 – Boring and Groundwater Monitoring Well Installation Logs Appendix 2 – Laboratory Analytical Reports on CD

#### 1.0 INTRODUCTION

LaBella Associates, P.C. ("LaBella") has prepared the Design Phase Investigation (DPI) Report on behalf of the City of Rochester, Department of Environmental Services (DES), Division of Environmental Quality (DEQ) for the former Photech Imaging Systems parcel located at 1000 Driving Park Avenue, City of Rochester, Monroe County, New York, hereinafter referred to as "the site." A Project Locus Map is included as Figure 1.

The site is listed as New York State Department of Environmental Conservation (NYSDEC) Site Code B00016 and is enrolled in the NYSDEC's Environmental Restoration Program (ERP). This DPI Report is consistent with the Record of Decision (ROD) as described in the Environmental Restoration Record of Decision Former Photech Imaging Site Rochester, Monroe County, New York as developed by the NYSDEC in March 2006.

The DPI augments existing information and fills remaining data gaps so that a final remedial plan can be developed and implemented.

#### 2.0 BACKGROUND

The site is currently bounded by the Monroe Service Corporation to the north, Driving Park Avenue to the south, a local union hall to the west, and several small businesses to the east. Directly to the south of Driving Park Avenue is a General Motors facility, formerly Delphi Auto Systems. The site is approximately 1000 feet east of Mt. Read Boulevard and 2 miles east of Interstate Route 390.

The site is located in an M-1 Industrial District. An M-1 Industrial District is designed to promote the retention and growth of employment opportunities by providing areas where a broad range of industrial uses may locate and where options for complementary uses exist. Permitted uses within an M-1 District included but are not limited to; Research Laboratories; Corporate Headquarters; Manufacturing & Light Industrial; Warehouses; Vehicle Repair & Sales, etc.

The site is comprised of 12.5 acres of land. Historically, a total of 15 former buildings totaling approximately 108,000 square feet of space occupied the site. Various underground storage tanks (UST), aboveground storage tanks (AST), and a below ground silver recovery system and associated wastewater system piping were formerly used at this facility. Other features of the site include a former burn pit area, a retention pond basin, asphalt parking lots, and three wooden shed-like structures. The general layout of the site, including former buildings and other features, is depicted in Figure 2.

The site was originally developed in 1948 for manufacturing photographic film and paper. Several different companies have owned and operated the facility at the site for photographic paper and film production since its construction in 1948. The most recent owner, Photech Imaging Systems, Inc., ceased operations and abandoned the facility in 1991. Large amounts of chemicals, wastes, and various supplies and materials were left "as-is" on-site when the facility was abandoned. In 1994, the NYSDEC and the United States Environmental Protection Agency (USEPA) performed a bulk waste and chemical removal action at the site. This work successfully removed bulk chemicals from the facility; however, tanks were not certified as "clean"; small containers of chemicals were left in some of the buildings; and residual chemicals remain in some process vessels and piping. The buildings were vandalized, with ceilings,

- 1 -

walls, piping and equipment severely damaged. As a result, asbestos and chemical residues were distributed throughout many interior areas of the buildings. Additionally, the roofs failed on several of the buildings and there was a fire in 2004 in the former warehouse portion of the facility.

During 2010, the City of Rochester demolished all of the buildings at the site including the sub grade tunnels. Prior to demolition, asbestos containing materials and residual chemicals inside the buildings were removed and disposed of. In addition, suspect building materials (e.g. concrete floors) were assessed for chemicals of concern and remediated prior to demolition.

#### 3.0 REFERENCES

The following previous environmental assessments/investigations have been completed at the site and were relied upon for the development of this Work Plan:

- Environmental Site Investigation/Remedial Alternatives Report Former Photech Imaging Systems, Inc., 1000 Driving Park Avenue, Rochester, New York Environmental Restoration Project #B00016-8, prepared by Day Environmental, Inc., January 2006.
- Environmental Restoration Record of Decision Former Photech Imaging Site, Rochester, Monroe County, New York, Site Number B-00016-8, prepared by New York State Department of Environmental Conservation, Division of Environmental Remediation, March 2006.
- Preliminary Design Phase Investigation AOC 2 Silver Wastewater Recovery System completed by LaBella in April 2010.
- Preliminary Design Phase Investigation AOC 4 Former Chemical Storage Shed completed by LaBella in October 2010.
- Building 7 and Building 2 Interim Remedial Measures (IRM) Confirmation Samples collected by LaBella in September 20, 2010.
- Site Audit, Rochester Film Corporation, Rochester, New York, completed by Obrien & Gere July 1986
- XRF Field Screening and Confirmation Analytical Sampling completed by LaBella during the building decommissioning and demolition process, June through October 2010
- Work Plan No. 5, Post Demolition Design Phase Investigation, NYSDEC ERP No. B00016, Former Photech Imaging Site, 1000 Driving park Avenue, Rochester, New York dated March 23, 2011

#### 4.0 STANDARDS, CRITERIA, AND GUIDELINES

Standards, Criteria and Guidelines (SCGs) for the remedial program outlined in the SI/RA Report were established through the remedy selection process stated in 6 NYCRR Part 375-1.10. At a minimum, the remedy selected must eliminate or mitigate all significant threats to public health and/or the environment presented by the hazardous substances disposed at the site through the proper application of scientific and engineering principles. The proposed future use for the Former Photech Imaging site is commercial/industrial uses. This section identifies the SCGs for the site. The SCGs identified are used in order to quantify the extent of contamination at the site that may require remedial work. The SCGs are not intended to be the final site cleanup objectives. The SCGs for soil and groundwater are provided below.

#### Soil:

In accordance with site-specific goals established by the NYSDEC Project Manager, this Work Plan will adhere to the Soil Cleanup Objectives (SCOs) in 6 NYCRR Part 375-6.8(b) Restricted Use Soil Cleanup Objectives for a Commercial Site. Part 375-6.8(b) SCOs will supersede the SCOs listed in the ROD. Also, since cadmium has impacted the groundwater at AOC 2, the cleanup goal for cadmium will be the SCOs in 6 NYCRR Part 375-6.8(b) for the Protection of Groundwater for AOC 2.

#### Groundwater:

NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 - Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.

#### 5.0 SUMMARY OF DESIGN PHASE INVESTIGATION

The DPI addressed the following Areas of Concern (AOC) that are listed below and shown on Figure 2.

- AOC 1 Chemical Building 11
  - AOC 1A East of Chemical Building 11
  - AOC 1B Former Dry Well
- AOC 2 Silver Recovery Waste Water System
- AOC 3 Eastern Portion of the Site
  - AOC 3A Former Retention Pond
  - AOC 3B Former Concrete Dry Well Area
  - AOC 3C Former Transformers
  - AOC 3D Former Film Incinerator
  - AOC 3E Former Fuel Oil USTs
  - AOC 3F Former Fuel Oil ASTs
- AOC 4 Miscellaneous Areas
  - AOC 4A Former Methanol Tanks
  - AOC 4B Former Chemical Storage Sheds
- AOC 5 Asbestos Containing Materials
- AOC 6 Residual Chemicals Inside Building
- AOC 7 Building 2 and 7 Waste Water
- AOC 8 Building 7 Sump and Pit
- AOC 9 Boiler House UST
- AOC 10 Building 12 Wastewater
- AOC 11 Waste Soil Piles
- AOC 12 Suspect Dumping
- AOC 13 South Drainage Swale

The objective of this DPI was to:

- further evaluate the nature and extent of the heavy metals, PAH SVOCs and/or VOC impacts to soils, overburden and/or bedrock groundwater;
- fill remaining data gaps and to evaluate soil and potential groundwater contamination discovered during the demolition;
- further evaluate the nature and extent of the heavy metal impacts to localized groundwater initially associated with the former silver wastewater recovery system;
- pre-characterize the impacted soil for off-site disposal;
- obtain information on the extent, magnitude and estimated quantity of contaminated media. This information will be utilized for subsequent Bid Documents associated with the implementation of the Remedial Measures for the site.

The scope of work completed for each AOC is presented in the Table below:

**Design Phase Investigation Summary** 

			hase Invest	tigation Sumn	nary	
Location	Borings	Number of Post Demo Sub Slab Sample	Test Pits	Wells Installed	(No. of Soil Samples) Submitted For Laboratory Analyses	(No. of Groundwater Samples) Analyses
AOC 1A: Chemical Building	GP-15 to GP-20	none	TP-7 to TP- 10	Well-02	(11) RCRA Metals, (11) PAH SVOCs	(1) RCRA Metals (1) PAH SVOCs (1) TCL VOCs
AOC 1B: Former Dry Well	GP-21 to GP-24	none	none	none	(5) RCRA Metals (2) PAH SVOCs (1) TCL VOCs	none
AOC 2: Silver Recovery / Concrete Vault	GP-1 to GP-14, GP-62 to GP-76, GP-156 to GP-168	16	TP-1 to TP-6	GP/MW-08, Well -11, Well- 13, IMW-14, BR-14	(21) RCRA Metals, (37) Ag and Cd	(9) RCRA Metals (6) PAH SVOCs (6) TCL VOCs
AOC 3A: Former Retention Pond	GP-134 to GP- 155, GP-169 to GP-181, GP-200 to GP-212	none	none	IMW-17, BR- 17	(6) RCRA Metals (6) PAH SVOCs (6) TCL VOCs (84) Ag and Cd	(3) RCRA Metals (1) PAH SVOCs (1) TCL VOCs
AOC 3B: Former Concrete Dry Well	GP-97 to GP-99	none	none	none	(2) RCRA Metals (2) PAH SVOCs (2) TCL VOCs	none
AOC 3C: Former Transformers	GP-100 to GP-109	none	none	none	(2) PCBs	none
AOC 3D: Former Film Incinerator	GP-116 to GP-120	none	none	none	(1) RCRA Metals (1) PAH SVOCs (1) TCL VOCs	none
AOC 3E: Former Fuel Oil USTs	GP-121 and GP- 122	none	none	none	(2) STARS VOCs (2) STARS SVOCs (2) Ag and Cd	none
AOC 3F: Former Fuel Oil ASTs	GP-123	none	none	none	(1) PAH SVOCs (1) Ag and Cd	none
AOC 4A: Former Methanol Tanks	GP-133	none	none	none	(1) RCRA Metals (1) PAH SVOCs (1) TCL VOCs (1) Alcohols	none
AOC 4B: Former Chemical Storage Sheds	GP-29 to GP-53, GP-130 to GP-132	none	none	none	(12) RCRA Metals (9) PAH SVOCs (9) TCL VOCs (1) Pesticides	none
AOC 7: Building 2 and 7 Waste Water	GP-54 to GP-61, GP-77 to GP-96, GP-182 to GP-199	37	none	IMW-15, BR- 15, IMW-16, BR-16	(41) RCRA Metals (70) Ag and Cd	(3) RCRA Metals
AOC 8: Building 7 Sump and Pit	GP-124 to GP-126	none	none	none	(2) RCRA Metals (1) PAH SVOCs (1) TCL VOCs	none
AOC 9: Boiler House UST	GP-110 to GP-115	none	none	none	(1) RCRA Metals (1) PAH SVOCs (1) TCL VOCs	none
AOC 10: Building 12 Waste Water	GP-129	none	none	none	(1) RCRA Metals (1) PAH SVOCs (1) TCL VOCs	none
AOC 11: Waste Soil Piles	none	none	TP-11 to TP-25	none	(3) RCRA Metals	none
AOC 12: Suspect Dumping	GP-127 and GP- 128	none	none	none	(1) RCRA Metals (1) PAH SVOCs (1) TCL VOCs	none
AOC 13: South Drainage Swale	GP 213 to GP-219	none	none	none	(14) Ag and Cd	none

#### Table Notes:

- VOCs denote sample was analyzed for United States Environmental Protection Agency (USEPA) Target Compound List (TCL) or NYSDEC STARS list Volatile Organic Compounds (VOCs) using USEPA Method 8260B.
- 2. PAH SVOC denotes sample was analyzed for Polynucleur Aromatic Hydrocarbons (PAH) or NYSDEC STARS list Semi-Volatile Organic Compounds (SVOCs) using USEPA Method 8270C.
- 3. PCBs denotes sample was analyzed for Polychlorinated Biphenyls (PCBs) using USEPA Method 8082
- 4. RCRA Metals denotes sample was analyzed for the Resource Conservation and Recovery Act (RCRA) Metals using USEPA Method 6010 and 7471 will be analyzed using USEPA Method 6010
- 5. Ag and Cd (Silver and Cadmium) denote sample was analyzed for cadmium and silver only using USEPA Method 6010
- 6. Alcohols denotes sample was analyzed for Alcohols using USEPA Method 8015B
- 7. Pesticides denotes sample was analyzed for USEPA Method 8081

A copy of the soil boring and groundwater monitoring well installation logs are included in Appendix 1 with summary tables of XRF readings collecting from each boring and test pit.

The analytical results for soil samples collected during the DPI are summarized on the tables attached to the report and are identified by each AOC (e.g. Table AOC 2, Table AOC 3B-F, etc.).

Groundwater samples collected during the DPI are summarized on Table 1 (VOC), Table 2 (PAH SVOC), and Table 3 (RCRA Metals).

A data usability summary report has not been completed at this time and will be included in a letter of addendum.

Laboratory analytical reports are included on compact disks in Appendix 2.

The exploration locations are shown of the attached figures as described below:

Figure 3 – AOC 1A and AOC 1B

Figure 4 – AOC 2

Figure 5 – AOC 3A

Figure 6 – AOC 3B to 3F, 8 and 9

Figure 7 – AOC 4A, 4B, 10, 11, and 12

Figure 8 – AOC 7

Figure 9 – AOC 13

Figure 10 – Well Location Map and Summary of DPI Groundwater Sampling Results

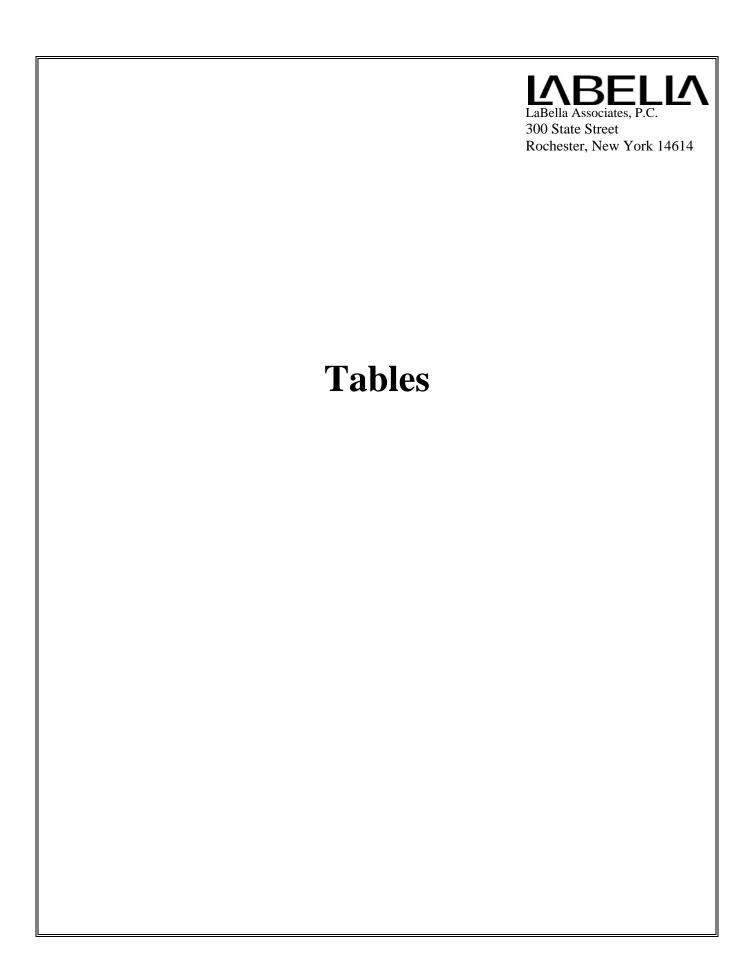
#### 6.0 SUMMARY OF RESULTS

Based on the results of the DPI, six (6) AOCs have been identified at the site that contains concentrations of chemicals of concern detected above the SCGs. The six (6) AOCs are summarized below:

AOC	Chemical of Concern	Soil Cleanup Objective	Range of Concentration of Contaminant Above Soil Cleanup Objective	Range of Concentration of Groundwater Contaminant Above Cleanup Objectives
AOC 1A: East of Chemical Building	PAH SVOCs	NYS Part 375-6.8(b) RUSCO for a Commercial Site for PAH SVOCs: Benzo(a)anthracene - 5.6 mg/kg, Benzo(a)pyrene - 1 mg/kg, Benzo(b)fluoranthene - 5.6 mg/kg, Dibenz(a,h)anthracene - 0.56 mg/kg	Benzo(a)anthracene - 6.8 mg/kg, Benzo(a)pyrene - 5 mg/kg, Benzo(b)fluoranthene - 6.4 mg/kg, Dibenz(a,h)anthracene - 0.84 mg/kg	Not Applicable
AOC 2: Silver Recovery Wastewater System	Cadmium	NYS Part 375-6.8(b) RUSCO for a Commercial Site for the Protection of Groundwater: Cadmium – 7.5 mg/kg	Cadmium – 7.9 to 6,320 mg/kg	Cadmium - Non Detect to 8.45 µg/L
AOC 3A: Former Retention Pond/Burn Pit	Cadmium	NYS Part 375-6.8(b) RUSCO for a Commercial Site RUSCO for a Commercial Site: Cadmium – 9.3 mg/kg	Cadmium – 7.9 to 218 mg/kg	Not Applicable
AOC 4B: Former Chemical Storage Sheds	Arsenic	NYS Part 375-6.8(b) RUSCO for a Commercial Site RUSCO for a Commercial Site: Arsenic – 16 mg/kg	Arsenic – 18.1 mg/kg	Not Applicable
AOC 7: Building 2 and 7 Wastewater	Cadmium	NYS Part 375-6.8(b) RUSCO for a Commercial Site RUSCO for a Commercial Site: Cadmium – 9.3 mg/kg	Cadmium –10.1 to 11,900 mg/kg	Not Applicable
AOC 13: South Drainage Swale	Cadmium	NYS Part 375-6.8(b) RUSCO for a Commercial Site for Cadmium – 9.3 mg/kg	Cadmium 11.4 to 132 mg/kg	Not Applicable

The results of the DPI will be utilized to develop a Remedial Action Work Plan for the site.

 $Y: \label{eq:compact} Y: \label{eq:compact$ 



#### **TABLE AOC 1A**

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-15-5	GP-16-1	GP-16-8	GP-17-8	GP-18-1	GP-19-0.5	TP-7-2	TP-7-8	TP-8-6	TP-9-2	TP-9-9
Arsenic	mg/kg	16	2.16	3.51	4.06	2.26	1.95	2.6	2.94	2.25	2.79	2.34	2.97
Barium	mg/kg	400	36.2	39.8	25.8	15.9	24.9	25.1	33.9	40.1	14.5	29.2	15.8
Cadmium	mg/kg	9.3	0.67	1.04	0.68	0.44	0.59	0.98	0.71	0.5	0.62	0.59	0.51
Chromium	mg/kg	400	4.39	10.5	6.21	3.91	7.4	6.27	6.64	3.89	2.8	4.44	2.74
Lead	mg/kg	1000	29.8	25.9	9.96	6.44	9.64	15.9	15.5	9.97	7.78	30.2	11.2
Mercury	mg/kg	2.8	0.067	0.291	0.033	0.015	0.169	0.228	0.148	0.031	0.006 J	0.061	0.006 J
Selenium	mg/kg	1500	0.85	1.25	1.1	0.51 J	1.03	0.97	0.93 J	0.81 J	0.73 J	0.7 J	0.6 J
Silver	mg/kg	1500	0.37 U	1.78	0.48 U	0.55 U	0.45 U	0.43	0.57 U	0.54 U	0.44 U	4.12	0.57 U

#### **TABLE AOC 1A**

		NYS Part 375-6.8(b)											
Sample ID	Units	RUSCO for a Commercial Site	GP-15-5	GP-16-1	GP-16-8	GP-17-8	GP-18-1	GP-19-0.5	TP-7-2	TP-7-8	TP-8-6	TP-9-2	TP-9-9
Acenaphthene	mg/kg	500	0.4 U	0.069 J	0.38 U	0.38 U	0.36 U	0.052 J	0.14 J	0.39 U	0.37 U	0.047 J	0.39 U
Acenaphthylene	mg/kg	500	0.4 U	0.39 U	0.38 U	0.38 U	0.36 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U	0.39 U
Anthracene	mg/kg	500	0.4 U	0.16 J	0.38 U	0.38 U	0.053 J	0.15 J	0.33 J	0.39 U	0.37 U	0.17 J	0.058 J
Benzo(a)anthracene	mg/kg	5.6	0.06 J	0.54	0.38 U	0.05 J	0.13 J	0.49	0.73	0.39 U	0.37 U	0.52	0.11 J
Benzo(a)pyrene	mg/kg	1	0.4 U	0.45	0.38 U	0.38 U	0.092 J	0.37	0.5	0.39 U	0.37 U	0.39	0.076 J
Benzo(b)fluoranthene	mg/kg	5.6	0.058 J	0.65	0.38 U	0.38 U	0.13 J	0.55	0.66	0.39 U	0.37 U	0.54	0.096 J
Benzo(g,h,i)perylene	mg/kg	500	0.4 U	0.27 J	0.38 U	0.38 U	0.05 J	0.22 J	0.3 J	0.39 U	0.37 U	0.21 J	0.39 U
Benzo(k)fluoranthene	mg/kg	56	0.4 U	0.2 J	0.38 U	0.38 U	0.36 U	0.16 J	0.24 J	0.39 U	0.37 U	0.17 J	0.39 U
Chrysene	mg/kg	56	0.071 J	0.55	0.38 U	0.38 U	0.12 J	0.49	0.65	0.39 U	0.37 U	0.5	0.096 J
Dibenz(a,h)anthracene	mg/kg	0.56	0.4 U	0.064 J	0.38 U	0.38 U	0.36 U	0.053 J	0.076 J	0.39 U	0.37 U	0.054 J	0.39 U
Fluoranthene	mg/kg	500	0.12 J	1.3	0.088 J	0.11 J	0.28 J	1	1.5	0.07 J	0.37 U	1.1	0.26 J
Fluorene	mg/kg	500	0.4 U	0.062 J	0.38 U	0.38 U	0.36 U	0.049 J	0.14 J	0.39 U	0.37 U	0.051 J	0.39 U
Indeno(1,2,3-cd)pyrene	mg/kg	5.6	0.4 U	0.28 J	0.38 U	0.38 U	0.052 J	0.23 J	0.31 J	0.39 U	0.37 U	0.22 J	0.052 J
Naphthalene	mg/kg	500	0.4 U	0.39 U	0.38 U	0.38 U	0.36 U	0.37 U	0.06 J	0.39 U	0.37 U	0.37 U	0.39 U
Phenanthrene	mg/kg	500	0.076 J	0.77	0.38 U	0.11 J	0.21 J	0.58	1.1	0.05 J	0.37 U	0.71	0.23 J
Pyrene	mg/kg	500	0.1 J	0.9	0.066 J	0.071 J	0.19 J	0.74	1.1	0.39 U	0.37 U	0.82	0.17 J
Total PAH SVOCs	mg/kg	NA	0.485	6.265	0.154	0.341	1.307	5.134	7.836	0.12	0	5.502	1.148

#### **TABLE AOC 1B**

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-21-5	GP-22-1	GP-22-5	GP-23-4	GP-24-5
Arsenic	mg/kg	16	1.53	6.27	1.81	2.72	3.25
Barium	mg/kg	400	12.1	41	11.2	11.7	19.3
Cadmium	mg/kg	9.3	0.57	0.98	0.65	0.72	0.83
Chromium	mg/kg	NA	3.11	6.94	3.03	3.16	3.84
Lead	mg/kg	1000	11.2	13.4	12.1	13.5	17.2
Mercury	mg/kg	2.8	0.004 J	0.084	0.006 J	0.007 J	0.008 J
Selenium	mg/kg	1500	0.58 J	1.49	0.59 J	0.82 J	0.85 J
Silver	mg/kg	1500	0.44 U	0.43 U	0.4 U	0.41 U	0.44 U

#### **TABLE AOC 1B**

		NYS Part 375-6.8(b) RUSCO for a	
Sample ID	Units	Commercial Site	GP-22-5
1,1,1-Trichloroethane	mg/kg	500	0.0057 U
1,1,2,2-Tetrachloroethane	mg/kg	NA	0.0057 U
1,1,2-Trichloroethane	mg/kg	NA	0.0057 U
1,1,2-Trichlorotrifluoroethane	mg/kg	NA	0.0057 U
1,1-Dichloroethane	mg/kg	240	0.0057 U
1,1-Dichloroethene	mg/kg	500	0.0057 U
1,2,4-Trichlorobenzene	mg/kg	NA	0.0057 U
1,2,4-Trimethylbenzene	mg/kg	NA	0.0057 U
1,2-Dibromo-3-Chloropropane	mg/kg	NA	0.0057 U
1,2-Dibromoethane	mg/kg	NA	0.0057 U
1,2-Dichlorobenzene	mg/kg	500	0.0057 U
1,2-Dichloroethane	mg/kg	30	0.0057 U
1,2-Dichloropropane	mg/kg	NA	0.0057 U
1,3,5-Trimethylbenzene	mg/kg	NA	0.0057 U
1,3-Dichlorobenzene	mg/kg	280	0.0057 U
1,4-Dichlorobenzene	mg/kg	130	0.0057 U
2-Butanone	mg/kg	500	0.029 U
2-Hexanone	mg/kg	NA	0.029 U
4-Methyl-2-Pentanone	mg/kg	NA	0.029 U
Acetone	mg/kg	500	0.029 U
Benzene	mg/kg	44	0.0057 U
Bromodichloromethane	mg/kg	NA	0.0057 U
Bromoform	mg/kg	NA	0.0057 U
Bromomethane	mg/kg	NA	0.0057 U
Carbon Disulfide	mg/kg	NA	0.0057 U
Carbon Tetrachloride	mg/kg	22	0.0057 U
Chlorobenzene	mg/kg	500	0.0057 U
Chloroethane	mg/kg	NA	0.0057 U
Chloroform	mg/kg	350	0.0057 U
Chloromethane	mg/kg	NA	0.0057 U
cis-1,2-Dichloroethene	mg/kg	500	0.0057 U
cis-1,3-Dichloropropene	mg/kg	NA	0.0057 U
Cyclohexane	mg/kg	NA	0.0057 U
Dibromochloromethane	mg/kg	NA	0.0057 U
Dichlorodifluoromethane	mg/kg	NA	0.0057 U
Ethyl Benzene	mg/kg	390	0.0057 U
Isopropylbenzene	mg/kg	NA	0.0057 U
m/p-Xylenes	mg/kg	NA	0.011 U
Methyl Acetate	mg/kg	NA	0.0057 U
Methyl tert-butyl Ether	mg/kg	500	0.0057 U
Methylcyclohexane	mg/kg	NA	0.0057 U
Methylene Chloride	mg/kg	500	0.0022 J
n-Butylbenzene 	mg/kg	NA	0.0057 U
n-propylbenzene	mg/kg	NA	0.0057 U
o-Xylene	mg/kg	NA	0.0057 U
sec-Butylbenzene	mg/kg	NA	0.0057 U
Styrene	mg/kg	NA	0.0057 U
t-1,3-Dichloropropene	mg/kg	NA NA	0.0057 U
tert-Butylbenzene	mg/kg	NA 450	0.0057 U
Tetrachloroethene	mg/kg	150	0.0057 U
Toluene	mg/kg	500	0.0057 U
Total Xylenes	mg/kg	NA 500	0.017 U
trans-1,2-Dichloroethene	mg/kg	500	0.0057 U
Trichloroethene	mg/kg	200	0.0057 U
Trichlorofluoromethane	mg/kg	NA 40	0.0057 U
Vinyl Chloride	mg/kg	13	0.0057 U
Total VOCs	mg/kg	NA	0.0022

#### **TABLE AOC 1B**

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-22-5	GP-23-4
Acenaphthene	mg/kg	500	0.38 U	0.39 U
Acenaphthylene	mg/kg	500	0.38 U	0.39 U
Anthracene	mg/kg	500	0.38 U	0.39 U
Benzo(a)anthracene	mg/kg	5.6	0.38 U	0.39 U
Benzo(a)pyrene	mg/kg	1	0.38 U	0.39 U
Benzo(b)fluoranthene	mg/kg	5.6	0.38 U	0.39 U
Benzo(g,h,i)perylene	mg/kg	500	0.38 U	0.39 U
Benzo(k)fluoranthene	mg/kg	56	0.38 U	0.39 U
Chrysene	mg/kg	56	0.38 U	0.39 U
Dibenz(a,h)anthracene	mg/kg	0.56	0.38 U	0.39 U
Fluoranthene	mg/kg	500	0.38 U	0.39 U
Fluorene	mg/kg	500	0.38 U	0.39 U
Indeno(1,2,3-cd)pyrene	mg/kg	5.6	0.38 U	0.39 U
Naphthalene	mg/kg	500	0.38 U	0.39 U
Phenanthrene	mg/kg	500	0.38 U	0.39 U
Pyrene	mg/kg	500	0.38 U	0.39 U
Total PAH SVOCs	mg/kg	NA	0	0

#### **TABLE AOC 2**

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	NYS Part 375-6.8(b) Protection of Groundwater	Bldg1/ XRF5	Bldg1/ XRF6	Bldg1/ XRF10	Bldg1/ XRF13	Bldg1/ XRF14	Bldg1/ XRF20	Bldg1/ XRF21	Bldg1/ XRF22			TP-1-XRF16- 092110-3.2	TP-2-XRF11- 092110-1.5	TP-3-XRF7- 092110-0	TP-3-XRF9- 092110-3	TP-4-XRF2- 092110-0
Arsenic	mg/kg	16	16	5.65	6.15	5.3	5.72	3.44	4.23	4.16	4.2	4.29	3.55	3.41	4.41	4.8	4.06	4.31
Barium	mg/kg	400	820	20.7	24	20.6	25.8	28.9	44.5	42.3	43.6	53.8	22	26.6	26.5	27	27.5	26.6
Cadmium	mg/kg	9.3	7.5	0.346 J	1.17	0.289 J	2.49	0.48	0.302 J	0.3 J	0.291 J	0.344 J	1.65	7.26	142	6.66	1.89	2.04
Chromium	mg/kg	400	19	5.31	7.23	6.19	7.23	7.78	8.7	8.38	9.09	8.99	4.5	5	5.88	5.62	7.05	5.44
Lead	mg/kg	1000	450	10.3	15.4	10.1	27.4	7.48	71	50.5	49.6	51.1	11.9	15.3	25.1	17.6	17.8	18.1
Mercury	mg/kg	2.8	0.73	0.0075 U	0.0088	0.0092 U	0.0193	0.0067	0.0705	0.0895	0.0697	0.0754	0.013	0.023	0.009 J	0.044	0.103	0.038
Selenium	mg/kg	1500	4	0.594 U	0.43 U	0.535 U	0.442 U	0.328 U	0.458 U	0.428 U	0.52 U	0.506 U	0.35 J	0.63 J	0.94	1.01	0.93	0.55 J
Silver	mg/kg	1500	8.3	1.17 J	21.2	1.07 U	1.88	0.657 U	0.914 U	0.856 U	1.04 U	1.01 U	0.78	8.41	53.4	4.55	2.29	2.46

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	NYS Part 375-6.8(b) Protection of Groundwater	TP-5-XRF22- 092210-0	GP-7-7	GP-7-7-DUP	GP-8-1	GP-8-9	GP-12-5	TP-1-5	GP-62-1	GP-62-10.3	GP-63-9	GP-64-6.8	GP-65-5	GP-65-9.2	GP-66-5	GP-66-10.3
Arsenic	mg/kg	16	16	3.36	3.83	3.95	2.82	2.15	3.16	2.85								
Barium	mg/kg	400	820	18.2	27	36.9	16.9	27.5	23.3	36.5								
Cadmium	mg/kg	9.3	7.5	0.24 U	0.88	0.74	0.62	0.97	1.11	1.33	2.11	0.27 J	0.68	2.89	0.14 J	0.43	7.9	1.6
Chromium	mg/kg	400	19	3.38	3.61	3.46	2.9	4.11	4.29	6.92								
Lead	mg/kg	1000	450	11.6	11.8	10.3	10.9	13.9	13.4	10.2								
Mercury	mg/kg	2.8	0.73	0.01 J	0.012	0.012 J	0.01 J	0.024	0.055	0.039								
Selenium	mg/kg	1500	4	0.57 J	0.84 J	0.99 J	0.63 J	1.26	0.83 J	1.04								
Silver	mg/kg	1500	8.3	0.4 U	0.45 U	0.54 U	0.41 U	0.51 U	0.52 U	0.39 U	3.88	0.14 U	0.14 U	0.41 J	0.32 J	0.18 J	11.3	2.38

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	NYS Part 375-6.8(b) Protection of Groundwater	GP-67-7	GP-67-11	GP-68-7	GP-68-11	GP-69-7	GP-69-11.3	GP-70-7	GP-70-9	GP-71-1	GP-71-9	GP-71-11	GP-72-5	GP-72-10	GP-73-7.2	GP-73-11
Cadmium	mg/kg	9.3	7.5	1.24	0.76	0.34	0.39	0.31	1.19	1.55	0.2 J	3.96	19.8	19.7	11.9	18.6	0.64	0.46
Silver	mg/kg	1500	8.3	0.54	2.24	1.47	1.57	2.68	6.65	0.22 U	0.16 U	5.07	15.6	19.8	28.5	32.1	0.16 U	0.16 U

Sample ID			NYS Part 375-6.8(b) Protection of Groundwater	GP-74-5	GP-74-11	GP-75-1	GP-75-9	GP-76-3	GP-76-10.7	GP-156-5	GP-156-10	GP-157-9	GP-158-7	GP-159-5	GP-159-10.4	GP-160-5	GP-160-10.5
Cadmium	mg/kg	9.3	7.5	0.06 U	0.38	5.37	1.12	66.4	120	0.31	0.93	1.1	0.62	0.27	0.46	0.25 J	3.35
Silver	mg/kg	1500	8.3	0.15 U	0.17 U	7.35	0.15 U	26.3	36.3	0.13 U	0.14 J	2.47	1.12	0.12 U	0.44	0.14 U	8.8

#### TABLE AOC 3A - FORMER RETENTION POND/BURN PIT

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-134-1	GP-134-5	GP-135-3	GP-136-3	GP-137-3	GP-137-5	GP-138-3	GP-139-3	GP-139-5	GP-140-1	GP-141-3	GP-142-1	GP-141-5	GP-142-5	GP-142-9	GP-143-3	GP-144-3	GP-145-3	GP-144-5	GP-146-1
Arsenic	mg/kg	16	5.74 N						1.12 N				2.17 N					3.25 N	6.1 N			
Barium	mg/kg	400	86.1						10.9				37.2					21.6	42.1			
Cadmium	mg/kg	9.3	<b>123</b> N	0.08 U	0.3 UN	0.29 UN	9.92 N	8.08 N	0.32 UN	0.29 UN	0.35 UN	4.71 N	10.9 N	0.14 J	0.06 U	0.07 U	0.07 U	0.34 UN	5.72 N	0.29 UN	0.05 U	0.11 J
Chromium	mg/kg	400	206 N*						2.35 N*				11.5 N*					5.78 N*	13.7 N*			
Lead	mg/kg	1000	10900						7.05				44.3					13.8	32.3			
Mercury	mg/kg	2.8	0.172						0.003 J				0.093					0.045	0.097			
Selenium	mg/kg	1500	2.93 N						1.06 UN				2.74 N					1.73 N	1.94 N			
Silver	mg/kg	1500	471 N	0.93	0.79 N	3.86 N	139 N	356 N	3.5 N	0.35 JN	0.26 JN	18.3 N	209 N	3.59	2.2	0.88	0.18 U	1.71 N	181 N	0.42 JN	0.12 U	5.84

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-146-3	GP-146-5	GP-146-9	GP-147-1	GP-147-5	GP-147-9	GP-148-1	GP-148-5	GP-148-7	GP-149-1	GP-149-5	GP-149-9	GP-150-1	GP-150-5	GP-150-9	GP-152-1	GP-152-5	GP-152-9	GP-154-1	GP-154-5
Arsenic	mg/kg	16																				
Barium	mg/kg	400																				
Cadmium	mg/kg	9.3	1.29	0.07 U	0.08 U	0.06 U	0.07 U	0.06 U	0.08 U	0.07 U	0.06 U	0.07 U	0.08 J	0.07 U	0.07 U	0.07 U	0.09 U	0.07 U				
Chromium	mg/kg	400																				
Lead	mg/kg	1000																				
Mercury	mg/kg	2.8																				
Selenium	mg/kg	1500																				
Silver	mg/kg	1500	0.182 U	0.17 U	0.17 U	0.16 U	0.48 J	0.16 U	0.57 J	0.16 U	0.17	0.16 U	0.19 U	0.18 U	0.16 U	0.17 U	0.16 J	0.28 J	0.18 U	1.2	1.37	0.18 U

		NYS Part 375-6.8(b) RUSCO for a																				
Sample ID	Units	Commercial Site	GP-154-9	GP-153-5	GP-155-3	GP-169-3	GP-169-5	GP-170-3	GP-171-1	GP-171-3	GP-172-3	GP-172-5	GP-173-3	GP-174-1	GP-174-3	GP-175-1	GP-175-3	GP-176-3	GP-176-5	GP-177-3	GP-177-5	GP-178-3
Arsenic	mg/kg	16			2.32 N																	
Barium	mg/kg	400			24.9																	
Cadmium	mg/kg	9.3	0.07 U	0.33 UN	0.3 UN	0.05 U	0.06 U	3.24	0.06 U	0.06 U	0.07 U	0.06 U	0.06 U	4.31	0.06 U	0.07 U	0.07 U	4.95	0.07 U	0.06 U	0.06 U	0.06 U
Chromium	mg/kg	400			4.86 N*																	
Lead	mg/kg	1000			7.22																	
Mercury	mg/kg	2.8			0.079																	
Selenium	mg/kg	1500			1.1 N																	
Silver	mg/kg	1500	0.17 U	0.56 UN	0.51 UN	22.6	0.16 U	122	101	0.15 U	0.44 J	0.14 U	0.16 U	98.9	0.15 U	4.15	0.18 U	28.4	0.17 U	0.2 J	0.16 U	0.15 U

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-179-3	GP-180-1	GP-181-1	GP-181-3	GP-200-1	GP-200-5	GP-201-1	GP-201-5	GP-202-3	GP-202-5	GP-203-1	GP-203-5	GP-204-5	GP-205-5	GP-206-5	GP-208-1	GP-208-5	GP-208-9	GP-209-1	GP-209-5
Cadmium	mg/kg	9.3	0.05 U	0.93	1.88	0.22 J	44	0.08 U	0.07 U	0.07 U	1.35	0.07 U	0.06 U	0.07 U	0.06 U	0.09 J	0.07 U	1.72	0.07 U	0.06 U	4.26	0.07 U
Silver	mg/kg	1500	0.13 U	16.9	2.23	10	734	0.19 U	0.17 U	2.26	77.7	0.18 J	0.39 J	1.21	0.14 U	6.5	0.18 U	5.93	0.18 U	0.15 U	58.5	1.34

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-210-1	GP-210-5	GP-211-1	GP-211-5	GP-212-1	GP-212-5	GP-209-3	GP-209-3DL	GP-210-3	GP-210-9	GP-211-3	GP-212-3
Cadmium	mg/kg	9.3	0.76	0.37 U	0.36 U	0.37 U	0.27 U	0.37 U	12.5		1.12	0.74	0.719	0.783
Silver	mg/kg	1500	30.7	0.62 U	4.05	0.25 J	0.45 U	0.44 J	437.98 OR	388 D	0.273 J	0.121 U	0.139 U	0.128 U

			AOG	C 3B	AOC 3D	AO	C 3E	AOC 3F
Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-97-6.3	GP-98-10.8	GP-117-2.5	GP-121-9	GP-122-9	GP-123-5
Acenaphthene	mg/kg	500	0.37 U	0.4 U	0.46 U	0.21 J	0.41 U	0.4 U
Anthracene	mg/kg	500	0.37 U	0.4 U	0.46 U	0.55	0.41 U	0.4 U
Benzo(a)anthracene	mg/kg	5.6	0.37 U	0.4 U	0.46 U	0.93	0.41 U	0.4 U
Benzo(a)pyrene	mg/kg	1	0.37 U	0.4 U	0.46 U	0.68	0.41 U	0.4 U
Benzo(b)fluoranthene	mg/kg	5.6	0.37 U	0.4 U	0.46 U	0.84	0.41 U	0.4 U
Benzo(g,h,i)perylene	mg/kg	500	0.37 U	0.4 U	0.46 U	0.43	0.41 U	0.4 U
Benzo(k)fluoranthene	mg/kg	56	0.37 U	0.4 U	0.46 U	0.36 J	0.41 U	0.4 U
Chrysene	mg/kg	56	0.37 U	0.4 U	0.46 U	0.79	0.41 U	0.4 U
Dibenz(a,h)anthracene	mg/kg	0.56	0.37 U	0.4 U	0.46 U	0.079 J	0.41 U	0.4 U
Fluoranthene	mg/kg	500	0.37 U	0.4 U	0.46 U	2.1	0.41 U	0.4 U
Fluorene	mg/kg	500	0.37 U	0.4 U	0.46 U	0.25 J	0.41 U	0.4 U
Indeno(1,2,3-cd)pyrene	mg/kg	5.6	0.37 U	0.4 U	0.46 U	0.35 J	0.41 U	0.4 U
Phenanthrene	mg/kg	500	0.37 U	0.4 U	0.46 U	2.1	0.41 U	0.4 U
Pyrene	mg/kg	500	0.37 U	0.4 U	0.46 U	1.8	0.41 U	0.4 U
Total SVOCs	mg/kg	NA	0.37 U	0.4 U	0.46 U	11.469	0	0

			AO	C 3B	AOC 3D	AOG	C 3E
		NYS Part 375-6.8(b) RUSCO for a					
Sample ID	Units	Commercial Site	GP-97-6.3	GP-98-10.8	GP-117-2.5	GP-121-9	GP-122-9
1,1,1-Trichloroethane	mg/kg	500	0.0057 U	0.0061 U	0.0069 U		
1,1,2,2-Tetrachloroethane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
1,1,2-Trichloroethane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
1,1,2-Trichlorotrifluoroethane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
1,1-Dichloroethane	mg/kg	240	0.0057 U	0.0061 U	0.0069 U		
1,1-Dichloroethene	mg/kg	500	0.0057 U	0.0061 U	0.0069 U		
1,2,4-Trichlorobenzene	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
1,2,4-Trimethylbenzene	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U	0.0059 U	0.0062 U
1,2-Dibromo-3-Chloropropane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
1,2-Dibromoethane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
1,2-Dichlorobenzene	mg/kg	500	0.0057 U	0.0061 U	0.0069 U		
1,2-Dichloroethane	mg/kg	30	0.0057 U	0.0061 U	0.0069 U		
1,2-Dichloropropane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
1,3,5-Trimethylbenzene	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U	0.0059 U	0.0062 U
1,3-Dichlorobenzene	mg/kg	280	0.0057 U	0.0061 U	0.0069 U		
1,4-Dichlorobenzene	mg/kg	130	0.0057 U	0.0061 U	0.0069 U		
2-Butanone	mg/kg	500	0.028 U	0.03 U	0.035 U		
2-Hexanone	mg/kg	NA	0.028 U	0.03 U	0.035 U		
4-Methyl-2-Pentanone	mg/kg	NA	0.028 U	0.03 U	0.035 U		
Acetone	mg/kg	500	0.028 U	0.03 U	0.035 U		
Benzene	mg/kg	44	0.0057 U	0.0061 U	0.0069 U	0.0059 U	0.0062 U
Bromodichloromethane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
Bromoform	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
Bromomethane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
Carbon Disulfide	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
Carbon Tetrachloride	mg/kg	22	0.0057 U	0.0061 U	0.0069 U		
Chlorobenzene	mg/kg	500	0.0057 U	0.0061 U	0.0069 U		
Chloroethane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
Chloroform	mg/kg	350	0.0057 U	0.0061 U	0.0069 U		
Chloromethane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
cis-1,2-Dichloroethene	mg/kg	500	0.0057 U	0.0061 U	0.0069 U		
cis-1,3-Dichloropropene	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
Cyclohexane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
Dibromochloromethane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
Dichlorodifluoromethane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
Ethyl Benzene	mg/kg	390	0.0057 U	0.0061 U	0.0069 U	0.0059 U	0.0062 U
Isopropylbenzene	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U	0.0059 U	0.0062 U
m/p-Xylenes	mg/kg	NA	0.011 U	0.012 U	0.014 U	0.012 U	0.0062 U
Methyl Acetate	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
Methyl tert-butyl Ether	mg/kg	500	0.0057 U	0.0061 U	0.0069 U	0.0059 U	0.0062 U
Methylcyclohexane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
Methylene Chloride	mg/kg	500	0.0097	0.012	0.022		
n-Butylbenzene	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U	0.0059 U	0.0062 U
n-propylbenzene	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U	0.0059 U	0.0062 U
o-Xylene	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U	0.0059 U	0.0062 U
sec-Butylbenzene	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U	0.0059 U	0.0062 U
Styrene	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
t-1,3-Dichloropropene	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
tert-Butylbenzene	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U	0.0059 U	0.0062 U
Tetrachloroethene	mg/kg	150	0.0057 U	0.013	0.0069 U		
Toluene	mg/kg	500	0.0057 U	0.0061 U	0.0069 U	0.0059 U	0.0062 U
Total Xylenes	mg/kg	NA	0.017 U	0.018 U	0.021 U		
trans-1,2-Dichloroethene	mg/kg	500	0.0057 U	0.0061 U	0.0069 U		
Trichloroethene	mg/kg	200	0.0057 U	0.0061 U	0.0069 U		
Trichlorofluoromethane	mg/kg	NA	0.0057 U	0.0061 U	0.0069 U		
Vinyl Chloride	mg/kg	13	0.0057 U	0.0061 U	0.0069 U		
Naphthalene	mg/kg	1.5				0.0059 U	0.0062 U
p-Isopropyltoluene	mg/kg					0.0059 U	0.0062 U
Total VOCs	mg/kg	NA	0.017	0.048	0.022	0.0033 0	0.0002 0
10.01 1003	mg/kg	list.	0.017	0.040	0.022	L 0	U

				AOC 3C	
Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-104-1	GP-109-1	GP-109-1RE
Aroclor-1016	mg/kg	1	0.02 U	0.021 U	0.021 U
Aroclor-1221	mg/kg	1	0.02 U	0.021 U	0.021 U
Aroclor-1232	mg/kg	1	0.02 U	0.021 U	0.021 U
Aroclor-1242	mg/kg	1	0.02 U	0.021 U	0.021 U
Aroclor-1248	mg/kg	1	0.02 U	0.021 U	0.021 U
Aroclor-1254	mg/kg	1	0.02 U	0.021 U	0.021 U
Aroclor-1260	mg/kg	1	0.02 U	0.021 U	0.021 U

			AOO	C 3B	AOC	C 3D	AOC	C 3E	AOC 3F
Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-97-6.3	GP-98-10.8	GP-117-2.5	GP-119-2.5	GP-121-3	GP-122-5	GP-123-5
Arsenic	mg/kg	16	1.55 N	2.01 N	0.81 JN	1.52 N			
Barium	mg/kg	400	16.5	13.4	85.5	5.81			
Cadmium	mg/kg	9.3	0.27 UN	0.37 UN	0.4 UN	0.34 UN	0.3 JN	0.78 N	0.33 U
Chromium	mg/kg	400	2.27 N*	2.71 N*	10.6 N*	2.85 N*			
Lead	mg/kg	1000	3.99	11.2	11.6	12.8			
Mercury	mg/kg	2.8	0.01 U	0.012 U	0.074	0.051			
Selenium	mg/kg	1500	0.39 JN	0.6 JN	2.06 N	1.04 JN			
Silver	mg/kg	1500	0.71 N	0.61 UN	0.67 UN	0.56 U	9.92	37.1	0.56 U

#### **TABLE AOC 4A AND 4B**

			AOC 4	Α				AOC	C 4B			
Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-133-	-9	GP32(1.5)	GP42(1.5)	GP47(7)	GP49(1)	GP50(6)	GP51(1)	GP52(1)	GP-130-3
Arsenic	mg/kg	16	5.8		4.72	4.13	3.59	18.1	1.99	5.42	10.1	2.52 N
Barium	mg/kg	400	28.2		38.2	111	20.4	80	19.3	25.5	49.4	52.9
Cadmium	mg/kg	9.3	0.14	В	0.3 U	0.3 U	0.29 U	0.3 U	0.26 U	0.08 J	0.29 U	0.28 UN
Chromium	mg/kg	NA	6.6		4.8	11.3	5.57	13.8	5.69	5.31	9.68	6.61 N*
Lead	mg/kg	1000	14.3		11.7	14.5	16.2	20.6	8.59	20.8	19.9	7.46
Mercury	mg/kg	2.8	0.0032	U	0.014	0.057	0.007 J	0.04	0.01 J	0.011 J	0.037	0.039
Selenium	mg/kg	1500	0.68		1	1.84	0.92 J	1.59	1.23	0.69 J	1.88	1.86 N
Silver	mg/kg	1500	0.068	U	0.5 U	0.4 J	0.49 U	0.42 J	0.43 U	0.46 U	0.42 J	0.47 U

#### **TABLE AOC 4A AND 4B**

			AOC 4A				AO	C 4B			
Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-133-9	GP32(1.5)	GP42(1.5)	GP47(7)	GP49(1)	GP50(6)	GP51(1)	GP52(1)	GP57(11)
Acenaphthene	mg/kg	500	410 U	0.4 U	0.06 J	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Acenaphthylene	mg/kg	500		0.4 U	0.4 U	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Anthracene	mg/kg	500	410 U	0.4 U	0.4 U	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Benzo(a)anthracene	mg/kg	5.6	77 J	0.4 U	0.12 J	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Benzo(a)pyrene	mg/kg	1	60 J	0.4 U	0.11 J	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Benzo(b)fluoranthene	mg/kg	5.6	410 U	0.4 U	0.15 J	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Benzo(g,h,i)perylene	mg/kg	500	410 U	0.4 U	0.079 J	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Benzo(k)fluoranthene	mg/kg	56	410 U	0.4 U	0.4 U	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Chrysene	mg/kg	56	73 J	0.4 U	0.12 J	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Dibenz(a,h)anthracene	mg/kg	0.56	410 U	0.4 U	0.4 U	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Fluoranthene	mg/kg	500	150 J	0.4 U	0.28 J	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Fluorene	mg/kg	500	410 U	0.4 U	0.4 U	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Indeno(1,2,3-cd)pyrene	mg/kg	5.6	410 U	0.4 U	0.069 J	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Naphthalene	mg/kg	500	410 U	0.4 U	0.4 U	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Phenanthrene	mg/kg	500	110 J	0.4 U	0.083 J	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Pyrene	mg/kg	500	120 J	0.4 U	0.24 J	0.4 U	0.39 U	0.38 U	0.43 U	0.42 U	0.38 U
Total SVOCs	mg/kg	NA	590	0	1.311	0	0	0	0	0	0

#### **TABLE AOC 4A**

			AOC 4A
		NYS Part 375-6.8(b) RUSCO for a	
Sample ID	Units	Commercial Site	GP-119-2.5
1,1,1-Trichloroethane	mg/kg	500	0.005 U
1,1,2,2-Tetrachloroethane	mg/kg	NA	0.005 U
1,1,2-Trichloroethane	mg/kg	NA	0.005 U
1,1,2-Trichlorotrifluoroethane	mg/kg	NA	0.005 U
1,1-Dichloroethane	mg/kg	240	0.005 U
1,1-Dichloroethene	mg/kg	500	0.005 U
1,2,4-Trichlorobenzene	mg/kg	NA	0.005 U
1,2,4-Trimethylbenzene	mg/kg	NA	0.005 U
1,2-Dibromo-3-Chloropropane	mg/kg	NA	0.005 U
1,2-Dibromoethane	mg/kg	NA	0.005 U
1,2-Dichlorobenzene	mg/kg	500	0.005 U
1,2-Dichloroethane	mg/kg	30	0.005 U
1,2-Dichloropropane	mg/kg	NA	0.005 U
1,3,5-Trimethylbenzene	mg/kg	NA	0.005 U
1,3-Dichlorobenzene	mg/kg	280	0.005 U
1,4-Dichlorobenzene	mg/kg	130	0.005 U
2-Butanone	mg/kg	500	0.005 U
2-Hexanone	mg/kg	NA	0.005 U
4-Methyl-2-Pentanone	mg/kg	NA	0.005 U
Acetone	mg/kg	500	0.005 U
Benzene	mg/kg	44	0.005 U
Bromodichloromethane	mg/kg	NA	0.005 U
Bromoform	mg/kg	NA 	0.005 U
Bromomethane	mg/kg	NA 	0.005 U
Carbon Disulfide	mg/kg	NA 	0.005 U
Carbon Tetrachloride	mg/kg	22	0.005 U
Chlorobenzene	mg/kg	500	0.005 U
Chloroethane	mg/kg	NA 050	0.005 U
Chloroform	mg/kg	350	0.005 U
Chloromethane	mg/kg	NA 500	0.005 U
cis-1,2-Dichloroethene	mg/kg	500	0.005 U
cis-1,3-Dichloropropene	mg/kg	NA NA	0.005 U 0.005 U
Cyclohexane  Dibromochloromethane	mg/kg	NA NA	0.005 U
Dichlorodifluoromethane	mg/kg mg/kg	NA NA	0.005 U
Ethyl Benzene	mg/kg	390	0.005 U
Isopropylbenzene	mg/kg	NA NA	0.005 U
m/p-Xylenes	mg/kg	NA	0.005 U
Methyl Acetate	mg/kg	NA	0.005 U
Methyl tert-butyl Ether	mg/kg	500	0.005 U
Methylcyclohexane	mg/kg	NA	0.005 U
Methylene Chloride	mg/kg	500	0.005 B
n-Butylbenzene	mg/kg	NA	0.005 U
n-propylbenzene	mg/kg	NA	0.005 U
o-Xylene	mg/kg	NA	0.005 U
sec-Butylbenzene	mg/kg	NA	0.005 U
Styrene	mg/kg	NA	0.005 U
t-1,3-Dichloropropene	mg/kg	NA	0.005 U
tert-Butylbenzene	mg/kg	NA	0.005 U
Tetrachloroethene	mg/kg	150	0.005 U
Toluene	mg/kg	500	0.005 U
Total Xylenes	mg/kg	NA	0.005 U
trans-1,2-Dichloroethene	mg/kg	500	0.005 U
Trichloroethene	mg/kg	200	0.005 U
Trichlorofluoromethane	mg/kg	NA	0.005 U
Vinyl Chloride		13	0.005 U
Naphthalene	mg/kg	500	2.3 BJ
Trichlorofluoromethane Vinyl Chloride	mg/kg mg/kg	NA 13	0.005 U 0.005 U

#### **TABLE AOC 4B**

				AO	C 4B	
Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP49(1	)	GP49(1)R	E
4,4-DDD	mg/kg	92	0.002	U	0.002	U
4,4-DDE	mg/kg	62	0.002	U	0.002	כ
4,4-DDT	mg/kg	47	0.002	U	0.002	כ
Aldrin	mg/kg	0.68	0.002	U	0.002	כ
alpha-BHC	mg/kg	3.4	0.002	U	0.002	U
alpha-Chlordane	mg/kg	24	0.002	U	0.002	U
beta-BHC	mg/kg	3	0.002	U	0.002	כ
delta-BHC	mg/kg	500	0.002	U	0.002	U
Dieldrin	mg/kg	1.4	0.002	U	0.002	U
Endosulfan I	mg/kg	200	0.002	U	0.002	U
Endosulfan II	mg/kg	200	0.002	U	0.002	J
Endosulfan Sulfate	mg/kg	200	0.002	U	0.002	U
Endrin	mg/kg	89	0.002	U	0.002	U
Endrin aldehyde	mg/kg	NA	0.002	U	0.002	כ
Endrin ketone	mg/kg	NA	0.002	U	0.002	U
gamma-BHC	mg/kg	9.2	0.002	U	0.002	U
gamma-Chlordane	mg/kg	NA	0.002	U	0.002	כ
Heptachlor	mg/kg	15	0.002	U	0.002	U
Heptachlor epoxide	mg/kg	NA	0.002	U	0.002	U
Methoxychlor	mg/kg	NA	0.002	U	0.002	U
Toxaphene	mg/kg	NA	0.02	U	0.02	U

#### **TABLE AOC 4B**

			AOC 4B
Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP49(1)
Aroclor-1016	mg/kg	NA	0.02 U
Aroclor-1221	mg/kg	NA	0.02 U
Aroclor-1232	mg/kg	NA	0.02 U
Aroclor-1242	mg/kg	NA	0.02 U
Aroclor-1248	mg/kg	NA	0.02 U
Aroclor-1254	mg/kg	NA	0.02 U
Aroclor-1260	mg/kg	NA	0.02 U

#### **TABLE AOC 4A**

			AOC 4A
Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-119-2.5
n-Butyl alcohol	mg/kg	500	0.765 U
Methanol	mg/kg	NA	0.830 U
Isopropyl alcohol	mg/kg	NA	0.655 U
Ethanol	mg/kg	NA	0.680 U
Tert-Butanol / butyl alcohol	mg/kg	240	0.678 U
n-Propanol	mg/kg	500	0.656 U
Isobutanol	mg/kg	NA	0.896 U

#### **TABLE AOC 4B**

			AOC 4B
Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP49(1)
2,4,5-T	mg/kg	NA	0.079 U
2,4,5-TP (SILVEX)	mg/kg	NA	0.079 U
2,4-D	mg/kg	NA	0.079 U
2,4-DB	mg/kg	NA	0.079 U
DICAMBA	mg/kg	NA	0.079 U
DICHLORPROP	mg/kg	NA	0.079 U
DINOSEB	mg/kg	NA	0.079 U

**TABLE AOC 7** 

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	TP-5-XRF22- 092210-0	TP-7-XRF5- 092210-0	TP-7-XRF7- 092210-3	TP-8-XRF10- 092210-3	TP-9-XRF11- 092210-3.3	TP-9-XRF13- 092210-0	TP-11-XRF17- 092210-3.4	TP-13-XRF5- 092310-3	TP-13-XRF7- 092310-0	TP-16-XRF15- 092310-1.5	TP-17-XRF18- 092310-1.5	TP-18-XRF21- 092310-1.5	TP-18-XRF24- 092310-3	TP-19-XRF26- 092310-0	TP-19-XRF28- 092310-2.6	BLDG2-XRF44- 091410-3	BLDG2-XRF2- 091510-SUMP		BLDG2-XRF6- 091510-3	BLDG2-XRF10- 091510-0
Arsenic	mg/kg	16	3.36	3.13	3.5	5.67	3.9	3.86	2.83	4.15	3.89	3.41	5.03	3.8	2.27	3.25	3.23	3.9	4.02	5.77 UD*	3.71	5.2
Barium	mg/kg	400	18.2	22.7	25.7	23	26.8	22.5	15	24.5	23.1	15.4	25.7	23	13.1	18.7	19.9	15	14.2	14.8 JD	21.8	20.6
Cadmium	mg/kg	9.3	0.24 U	1.91	10.1	0.3 U	116	0.08 J	0.06 J	0.11 J	2	0.23 U	0.24 U	4.07	13.3	247	3.05	1.87	8700 OR	<b>11900</b> D	157	0.2 U
Chromium	mg/kg	400	3.38	5.21	5.46	4.54	5.35	4.07	3.18	4.74	7.8	3.71	4.74	4.84	2.79	4.22	3.79	3.36	4.46	5.1 JD	5.12	4.35
Lead	mg/kg	1000	11.6	13.7	11.7	17.4	15	14.7	12.8	13.7	13.4	12.8	20.6	13.9	7.95	17.9	12.3	16.3	54.8	59.4 D	15.7	13.7
Mercury	mg/kg	2.8	0.01 J	0.038	0.015	0.01 J	0.031	0.007 J	0.006 J	0.01 J	0.015	0.005 J	0.045	0.031	0.008 J	0.017	0.007 J	0.012 J	0.014	0.014	0.009 J	0.011 J
Selenium	mg/kg	1500	0.57 J	0.87 U	0.67 J	1.18	0.71 J	0.78	0.45 J	0.5 J	0.6 J	0.86	0.9	0.48 J	0.78 U	0.63 J	0.65 J	0.43 J	0.75 J	17.5 UD	0.47 J	0.48 J
Silver	mg/kg	1500	0.4 U	2.42	9.47	0.48 J	14.1	0.16 J	0.12 J	0.25 J	1.82	0.38 U	0.68	2.43	3.26	33.3	1.87	0.57	956 OR	999 D	48.3	0.19 J

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	XRF22-100810	XRF15-101010	XRF22-100810	XRF15-101010	XRF8 091110	XRF12 091110 Bldg 7 Pit	XRF 19 091310	XRF22 091310	XRF6 091410	XRF8 091410	XRF15 091410	XRF21 091410	XRF48 091410	XRF20 091010	XRF22-100810	XRF15-101010	XRF22-100810	XRF15-101010	GP54(11.5)	GP55(11)
Arsenic	mg/kg	16	3.7	3.44	3.7	3.44	4.39	4.8	5.49	5.26	7.15	6.42	5.93	4.74	6.78	5.11	3.7	3.44	3.7	3.44	6.06	3.65
Barium	mg/kg	400	20.3	14.5	20.3	14.5	19.3	33.3	24.7	26.4	27.7	31.1	25.4	18	17.3	23.8	20.3	14.5	20.3	14.5	17.5	15.3
Cadmium	mg/kg	9.3	0.17 J	0.25 U	0.17 J	0.25 U	0.494 U	138	168	0.729	1040	311	125	121	0.267 J	0.409 U	0.17 J	0.25 U	0.17 J	0.25 U	0.09 J	0.26 J
Chromium	mg/kg	400	5.27	4.81	5.27	4.81	4.77	8.25	6.71	6.88	7.78	5.94	5.55	6.85	5.76	12.7	5.27	4.81	5.27	4.81	4.21	3.99
Lead	mg/kg	1000	18	10.5	18	10.5	11.2	32.4	19.8	16.6	17.2	35.3	18.2	10.9	12.4	6.38	18	10.5	18	10.5	19.3	21.4
Mercury	mg/kg	2.8	0.008 J	0.014	0.008 J	0.014	0.0064 U	0.022	0.0106	0.0247	0.0166	0.0278	0.0041 J	0.0045 J	0.0089 U	0.066	0.008 J	0.014	0.008 J	0.014	0.009 J	0.011 U
Selenium	mg/kg	1500	0.71 J	1.23	0.71 J	1.23	0.494 U	0.487 U	0.487 U	0.477 U	0.631 U	0.496 U	0.427 U	0.481 U	0.487 U	0.409 U	0.71 J	1.23	0.71 J	1.23	1.13	0.82 J
Silver	mg/kg	1500	0.15 J	0.41 U	0.15 J	0.41 U	0.988 U	1650	12.9	23.1	231	143	24.3	198	0.525 J	0.817 U	0.15 J	0.41 U	0.15 J	0.41 U	0.2 J	0.15 J

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP56(10)	GP57(11)	GP-77-7	GP-77-11.6	GP-78-6.7	GP-78-10.8	GP-79-3	GP-79-10.1	GP-80-3	GP-80-9.8	GP-81-9	GP-81-11.3	GP-82-9	GP-82-10.6	GP-83-9	GP-83-11.6	GP-84-10.1	GP-84-12.4	GP-85-11.2	GP-86-9
Arsenic	mg/kg	16	5.7	4.87																		
Barium	mg/kg	400	25.1	21.3																		
Cadmium	mg/kg	9.3	47.5	0.11 J	0.65	0.59	0.26	0.49	3.55	0.37	0.53	59.6	0.68	6.79	4.2	0.46	0.15 J	0.25 J	6.28	0.46	0.24 J	4.55
Chromium	mg/kg	400	5.48	4.18																		
Lead	mg/kg	1000	22	27.8																		
Mercury	mg/kg	2.8	0.015	0.008 J																		
Selenium	mg/kg	1500	1.35	0.89 J																		
Silver	mg/kg	1500	15	0.16 J	1.27	1.08	0.12 U	1.29	64	0.12 U	1.94	41	0.74	1.94	5.7	0.99	0.14 U	0.14 U	4.33	10	0.15 U	2.73

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-86-12.8	GP-87-9	GP-87-10.3	GP-88-7	GP-88-9.7	GP-89-7	GP-89-9.8	GP-90-7.1	GP-90-9	GP-91-7.2	GP-91-9.2	GP-92-6.7	GP-92-9.3	GP-93-6.7	GP-93-9	GP-94-9.3	GP-95-7.1	GP-95-9.6	GP-96-7	GP-96-9.5
Cadmium	mg/kg	9.3	0.47	0.15 J	0.43	0.31	0.2 J	3.29	0.42	0.44	0.27	16.3	0.4	0.32	0.44	0.46	2.05	5.78	0.23 J	0.49	0.34	0.29 J
Silver	mg/kg	1500	1.05	0.14 U	0.13 U	0.12 U	0.12 U	6.29	0.12 U	0.13 U	0.13 U	6.11	0.73	0.12 U	0.17 U	0.16 U	0.98	1.56	0.14 U	0.13 U	0.13 U	0.15 U

		NYS Part 375-6.8(b) RUSCO for a																				
Sample ID	Units	Commercial Site	GP-182-5	GP-182-7	GP-183-7	GP-183-9	GP-184-7	GP-184-9	GP-185-7	GP-185-9	GP-186-7	GP-186-9	GP-187-7	GP-187-9	GP-188-9	GP-189-7	GP-189-9	GP-191-7	GP-191-11	GP-192-7	GP-192-9	GP-193-9
Cadmium	mg/kg	9.3	3.56	0.34 U	65.8	0.32 U	3.77	296	23.9	403	279	69.9	0.37 U	0.33 U	0.07 U	64.2	0.07 U	0.06 U	445	12.8	0.07 U	0.06 U
Silver	mg/kg	1500	1	0.57 U	18.5	0.53 U	6.74	55	25.2	49.8	25.9	27.2	0.62 U	0.55 U	0.17 U	22.5	0.17 U	0.14 U	147	1.05	0.18 U	0.16 U

Sample ID		NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-194-7	GP-194-11	GP-195-7	GP-195-9	GP-196-7	GP-196-9	GP-197-7	GP-197-9	GP-198-7	GP-198-9	GP-199-7	GP-199-9
Cadmium	mg/kg	9.3	0.16 J	0.08 U	0.08 J	0.07 U	0.07 U	0.16 J	1.1	0.07 U	0.3 J	0.06 U	2.54	0.06 U
Silver	mg/kg	1500	3.03	0.19 U	2.17	0.17 U	0.18 U	0.17 U	0.26 J	0.18 U	0.17 U	0.16 U	1.79	0.16 U

#### TABLE AOC 8 TO 12

			AOC 9	AO	C 8	AOC 12	AOC 10		AOC 11	
Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-111-7.3	GP-124-5	GP-125-9	GP-128-10.5	GP-129-10.5	TP-2-4	TP-6-2	TP-10-6.5
Arsenic	mg/kg	16	4.68 N	3.29 N	1.49 N	2.2 N	2.31 N	2.94	2.14	2.61
Barium	mg/kg	400	77.3	22.4	19.8	15.3	14.4	24.8	24.8	23.7
Cadmium	mg/kg	9.3	0.34 UN	0.37 UN	0.37 UN	0.21 UN	0.26 UN	0.13 J	0.112 J	0.147 J
Chromium	mg/kg	NA	10.2 N*	3.58 N*	3.54 N*	3.18 N*	3.39 N*	4.01	3.66	5.1
Lead	mg/kg	1000	17.9	17.4	12.7	12.1	17.9	10.8	6.83	14.6
Mercury	mg/kg	2.8	0.032	0.012 U	0.008 J	0.012 U	0.012 U	0.067	0.109	0.073
Selenium	mg/kg	1500	3.22 N	1 JN	0.6 JN	0.54 JN	0.54 JN	0.817	0.905 J	1.57
Silver	mg/kg	1500	0.56 U	0.62 U	0.61 U	0.35 U	0.43 U	0.473	0.306 J	0.839

#### TABLE AOC 8 TO 13

		NYS Part 375-6.8(b)	AOC 9	AOC 8	AOC 12	AOC 10
		RUSCO for a				
Sample ID	Units	Commercial Site	GP-111-7.3	GP-125-9	GP-128-10.5	GP-129-10.5
1,1,1-Trichloroethane	mg/kg	100	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,1,2,2-Tetrachloroethane	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,1,2-Trichloroethane	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,1,2-Trichlorotrifluoroethane	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,1-Dichloroethane	mg/kg	26	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,1-Dichloroethene	mg/kg	100	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,2,4-Trichlorobenzene	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,2,4-Trimethylbenzene	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,2-Dibromo-3-Chloropropane	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,2-Dibromoethane	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,2-Dichlorobenzene	mg/kg	100	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,2-Dichloroethane	mg/kg	3.1	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,2-Dichloropropane	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,3,5-Trimethylbenzene	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,3-Dichlorobenzene	mg/kg	49	0.0062 U	0.0061 U	0.0061 U	0.0061 U
1,4-Dichlorobenzene	mg/kg	13	0.0062 U	0.0061 U	0.0061 U	0.0061 U
2-Butanone	mg/kg	100	0.031 U	0.03 U	0.031 U	0.031 U
2-Hexanone	mg/kg	NA	0.031 U	0.03 U	0.031 U	0.031 U
4-Methyl-2-Pentanone	mg/kg	NA	0.031 U	0.03 U	0.031 U	0.031 U
Acetone	mg/kg	100	0.031 U	0.03 U	0.031 U	0.031 U
Benzene	mg/kg	4.8	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Bromodichloromethane	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Bromoform	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Bromomethane	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Carbon Disulfide	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Carbon Tetrachloride	mg/kg	2.4	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Chlorobenzene	mg/kg	100	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Chloroethane	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Chloroform	mg/kg	49	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Chloromethane	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
cis-1,2-Dichloroethene	mg/kg	100	0.0062 U	0.0061 U	0.0061 U	0.0061 U
cis-1,3-Dichloropropene	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Cyclohexane	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Dibromochloromethane	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Dichlorodifluoromethane	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Ethyl Benzene	mg/kg	41	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Isopropylbenzene	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
m/p-Xylenes	mg/kg	NA	0.012 U	0.012 U	0.012 U	0.012 U
Methyl Acetate	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Methyl tert-butyl Ether	mg/kg	100	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Methylcyclohexane	ma/ka	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Methylene Chloride	mg/kg	100	0.016 B	0.048	0.0061 U	0.0061 U
n-Butvlbenzene	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
n-propylbenzene	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
o-Xylene	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
sec-Butylbenzene	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Styrene	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
t-1,3-Dichloropropene	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
tert-Butylbenzene	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Tetrachloroethene	mg/kg	19	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Toluene	mg/kg	100	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Total Xylenes	mg/kg	NA	0.019 U	0.018 U	0.018 U	0.018 U
trans-1,2-Dichloroethene	mg/kg	100	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Trichloroethene	mg/kg	21	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Trichlorofluoromethane	mg/kg	NA	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Vinyl Chloride	mg/kg	0.9	0.0062 U	0.0061 U	0.0061 U	0.0061 U
Total VOCs	mg/kg	NA	0.0062 0	0.0001 0	0.0001 0	0.0001 0
. 5	gr/\g	1.4.	0.010	0.040	U	U

#### **TABLE AOC 8 TO 13**

			AOC 9	AO	C 8	AOC 12	AOC 10
Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-111-7.3	GP-119-2.5	GP-125-9	GP-128-10.5	GP-129-10.5
Acenaphthene	mg/kg	500	0.41 U	0.37 U	0.4 U	0.4 U	0.41 U
Acenaphthylene	mg/kg	500	0.41 U	0.37 U	0.4 U	0.4 U	0.41 U
Anthracene	mg/kg	500	0.41 U	0.054 J	0.4 U	0.4 U	0.41 U
Benzo(a)anthracene	mg/kg	5.6	0.41 U	0.15 J	0.4 U	0.4 U	0.41 U
Benzo(a)pyrene	mg/kg	1	0.41 U	0.11 J	0.4 U	0.4 U	0.41 U
Benzo(b)fluoranthene	mg/kg	5.6	0.41 U	0.13 J	0.4 U	0.4 U	0.41 U
Benzo(g,h,i)perylene	mg/kg	500	0.41 U	0.058 J	0.4 U	0.4 U	0.41 U
Benzo(k)fluoranthene	mg/kg	56	0.41 U	0.068 J	0.4 U	0.4 U	0.41 U
Chrysene	mg/kg	56	0.41 U	0.11 J	0.4 U	0.4 U	0.41 U
Dibenz(a,h)anthracene	mg/kg	0.56	0.41 U	0.37 U	0.4 U	0.4 U	0.41 U
Fluoranthene	mg/kg	500	0.41 U	0.3 J	0.4 U	0.057 J	0.41 U
Fluorene	mg/kg	500	0.41 U	0.37 U	0.4 U	0.4 U	0.41 U
Indeno(1,2,3-cd)pyrene	mg/kg	5.6	0.41 U	0.055 J	0.4 U	0.4 U	0.41 U
Naphthalene	mg/kg	500	0.41 U	0.37 U	0.4 U	0.4 U	0.41 U
Phenanthrene	mg/kg	500	0.41 U	0.24 J	0.4 U	0.067 J	0.41 U
Pyrene	mg/kg	500	0.41 U	0.25 J	0.4 U	0.053 J	0.41 U
Total PAH SVOCs	mg/kg	NA	0	1.525	0	0.177	0

#### **TABLE AOC 13**

		NYS Part 375-6.8(A) Unrestricted Soil	NYS Part 375-6.8(b) RUSCO for a			
Sample ID	Units	Cleanup Objective	Commercial Site	S-1	S-2	S-3
Acenaphthene	mg/kg	20	500	0.2 J	0.16 J	0.33 J
Acenaphthylene	mg/kg	100	500	0.01 U	0.0099 U	0.001 U
Anthracene	mg/kg	100	500	0.54	0.38	0.8
Benzo(a)anthracene	mg/kg	1	5.6	1.1	0.77	1.3
Benzo(a)pyrene	mg/kg	1	1	0.95	0.66	1
Benzo(b)fluoranthene	mg/kg	1	5.6	1.3	0.9	1.4
Benzo(g,h,i)perylene	mg/kg	100	500	0.56	0.65 J	0.54
Benzo(k)fluoranthene	mg/kg	0.8	56	0.4 J	0.26 J	0.49
Chrysene	mg/kg	1	56	1.0	0.71	1.1
Dibenz(a,h)anthracene	mg/kg	0.33	0.56	0.098 J	0.087 J	0.15 J
Fluoranthene	mg/kg	100	500	2.4	1.7	2.7
Fluorene	mg/kg	30	500	0.21 J	0.2 J	0.4
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	5.6	0.52	0.3 J	0.47
Naphthalene	mg/kg	12	500	55 J	0.097 J	0.14 J
Phenanthrene	mg/kg	100	500	1.9	1.5	2.7
Pyrene	mg/kg	100	500	1.9	1.3	2.1
Total PAH SVOCs	mg/kg	NA	NA	68.078	9.674	15.62

**TABLE AOC 13** 

Sample ID	Units	NYS Part 375-6.8(b) RUSCO for a Commercial Site	S-1	S-2	S-3
1,1,1-Trichloroethane	mg/kg	100	0.0061 U	0.0059 U	0.006 U
1,1,2,2-Tetrachloroethane	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
1,1,2-Trichloroethane		NA NA	0.0061 U	0.0059 U	0.006 U
1.1.2-Trichlorotrifluoroethane	mg/kg mg/kg	NA NA	0.0061 U	0.0059 U	0.006 U
, ,	- 0 0				
1,1-Dichloroethane	mg/kg	26	0.0061 U	0.0059 U	0.006 U
1,1-Dichloroethene	mg/kg	100	0.0061 U	0.0059 U	0.006 U
1,2,4-Trichlorobenzene	mg/kg	NA NA	0.0061 U	0.0059 U	0.006 U
1,2,4-Trimethylbenzene	mg/kg	NA 	0.0061 U	0.0059 U	0.006 U
1,2-Dibromo-3-Chloropropane	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
1,2-Dibromoethane	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
1,2-Dichlorobenzene	mg/kg	100	0.0061 U	0.0059 U	0.006 U
1,2-Dichloroethane	mg/kg	3.1	0.0061 U	0.0059 U	0.006 U
1,2-Dichloropropane	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
1,3,5-Trimethylbenzene	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
1,3-Dichlorobenzene	mg/kg	49	0.0061 U	0.0059 U	0.006 U
1,4-Dichlorobenzene	mg/kg	13	0.0061 U	0.0059 U	0.006 U
2-Butanone	mg/kg	100	0.0061 U	0.0059 U	0.006 U
2-Hexanone	mg/kg	NA	31 U	30 U	30 U
4-Methyl-2-Pentanone	mg/kg	NA	31 U	30 U	30 U
Acetone	mg/kg	100	31 U	30 U	30 U
Benzene	mg/kg	4.8	0.0061 U	0.0059 U	0.006 U
Bromodichloromethane	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
Bromoform	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
Bromomethane	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
Carbon Disulfide	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
Carbon Tetrachloride	mg/kg	2.4	0.0061 U	0.0059 U	0.006 U
Chlorobenzene	mg/kg	100	0.0061 U	0.0059 U	0.006 U
Chloroethane	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
Chloroform	mg/kg	49	0.0061 U	0.0059 U	0.006 U
Chloromethane	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
cis-1,2-Dichloroethene	mg/kg	100	0.0061 U	0.0059 U	0.006 U
cis-1,3-Dichloropropene	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
Cyclohexane	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
Dibromochloromethane	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
Dichlorodifluoromethane	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
Ethyl Benzene	mg/kg	41	0.0061 U	0.0059 U	0.006 U
Isopropylbenzene	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
m/p-Xylenes	mg/kg	NA NA	12 U	12 U	12 U
Methyl Acetate	mg/kg	NA NA	0.0061 U	0.0059 U	0.006 U
		100		0.0059 U	
Methyl tert-butyl Ether	mg/kg	NA	0.0061 U 0.0061 U		0.006 U
Methylcyclohexane	mg/kg	100		0.0059 U	0.006 U 2.8 J
Methylene Chloride	mg/kg		4.2 JB	2.6 J	
n-Butylbenzene	mg/kg	NA NA	0.0061 U	0.0059 U	0.006 U
n-propylbenzene	mg/kg	NA NA	0.0061 U	0.0059 U	0.006 U
o-Xylene	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
sec-Butylbenzene	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
Styrene	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
t-1,3-Dichloropropene	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
tert-Butylbenzene	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
Tetrachloroethene	mg/kg	19	0.0061 U	0.0059 U	0.006 U
Toluene	mg/kg	100	0.0061 U	0.0059 U	0.006 U
Total Xylenes	mg/kg	NA	18 U	18 U	18 U
trans-1,2-Dichloroethene	mg/kg	100	0.0061 U	0.0059 U	0.006 U
Trichloroethene	mg/kg	21	0.0061 U	0.0059 U	0.006 U
Trichlorofluoromethane	mg/kg	NA	0.0061 U	0.0059 U	0.006 U
Vinyl Chloride	mg/kg	0.9	0.0061 U	0.0059 U	0.006 U

#### **TABLE AOC 13**

Sample ID		NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-213-2	GP-214-2	GP-215-0	GP-215-1	GP-215-4	GP-216-0	GP-216-2
Cadmium	mg/kg	9.3	8.35	1.68	14.7	6.59	3.46	4	11.4
Silver	mg/kg	1500	50.7	13.1	198	2.95	6.04	6.98	0.21

Sample ID		NYS Part 375-6.8(b) RUSCO for a Commercial Site	GP-216-4	GP-217-0	GP-217-2	GP-217-4	GP-218-0	GP-218.2	GP-218-4
Cadmium	mg/kg	9.3	0.9	1.2	132	1.75	1.73	17.1	0.24
Silver	mg/kg	1500	0.24	3.46	241	0.74	4.37	34.8	0.4

Sample ID		NYS Part 375-6.8(b) RUSCO for a Commercial Site	GS-37 (1'-4')
Cadmium	mg/kg	9.3	0.604 U
Silver	mg/kg	1500	1.21 U

TABLE 1

Former Photech Imaging Site, 1000 Driving Park Avenue, Rochester, New York Design Phase Investigation Groundwater Sample Results TCL VOCs

		NYSDEC TOGS 1.1.1 Groundwater								
Sample ID	Units	Standard	MWTB-8	WELL-06	R-302	WELL-01	MW-11	MW-13	IMW-17	BR-17
1,1,1-Trichloroethane	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	ug/L	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichlorotrifluoroethane	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	ug/L	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	ug/L	0.0006	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	ug/L	3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	ug/L	0.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	ug/L	3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	ug/L	3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	ug/L	50	25 U	25 U	25 U	25 U	25 U	4.1 J	25 U	25 U
2-Hexanone	ug/L	50	25 U	25 U	25 U	25 U	25 U	3.1 J	25 U	25 U
4-Methyl-2-Pentanone	ug/L	NA	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acetone	ug/L	50	25 U	25 U	25 U	25 U	25 U	25	25 U	25 U
Benzene	ug/L	1	5 U	5 U	5 U	5 U	5 U	0.53 J	5 U	5 U
Bromodichloromethane	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	ug/L	7	5 U	5 U	5 U	5 U	0.65 J	1.6 J	5 U	5 U
Chloromethane	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	ug/L	0.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	ug/L	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethyl Benzene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
m/p-Xylenes	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl Acetate	ug/L	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl Ether	ug/L	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	ug/L	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
n-propylbenzene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
o-Xylene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
t-1,3-Dichloropropene	ug/L	0.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
tert-Butylbenzene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	ug/L	5	5 U	5 U	5 U	5 U	5 U	0.66 J	5 U	5 U
Total Xylenes	ug/L	5	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U
trans-1,2-Dichloroethene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	5.6	5 U
Trichlorofluoromethane	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U	0.68 J	5 U
Vinyl Chloride	ug/L	2	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

TABLE 2

Former Photech Imaging Site, 1000 Driving Park Avenue, Rochester, New York Design Phase Investigation Groundwater Sample Results PAH SVOCs

		NYSDEC TOGS								
		1.1.1								
Sample ID	Units	Groundwater Standard	MWTB-8	WELL-06	R-302	WELL-01	MW-11	MW-13	IMW-17	BR-17
Sample ID	Ullits		IVI VV I D-0	WELL-00	K-302	-	10100-11	14144-12	IIVIVV-17	
Acenaphthene	ug/L	20	10 U	10 U	10 U	2.7 J	10 U	10 U	10 U	10 U
Acenaphthylene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	ug/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	ug/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	ug/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	ug/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	ug/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	ug/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	ug/L	50	10 U	10 U	10 U	1.4 J	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	ug/L	0.002	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenanthrene	ug/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	ug/L	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

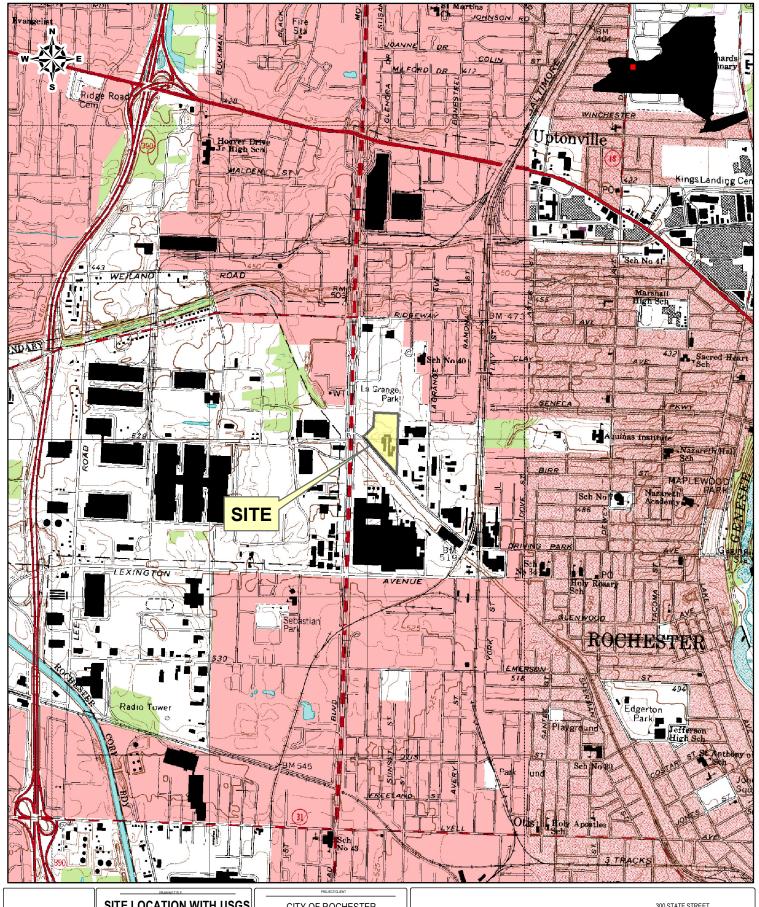
TABLE 3

Former Photech Imaging Site, 1000 Driving Park Avenue, Rochester, New York Design Phase Investigation Groundwater Sample Results RCRA Metals

Sample ID	Units	NYSDEC TOGS 1.1.1 Groundwater Standard	MWTB-8	WELL-01	R-302	WELL-06	MW-07	MW-8	MW-11	MW-13
Arsenic	ug/L	25	10 U	10 U	10 U	10 U		7.08 J	10 U	10 U
Barium	ug/L	1000	239	60.8	8.79 J	75.5		57.6	105	88.9
Cadmium	ug/L	5	3 U	8.45	3 U	3 U	3 U	3 U	3 U	3 U
Chromium	ug/L	50	5 U	5 U	5 U	5 U		5 U	5 U	5 U
Lead	ug/L	25	3.02 J	3.44 J	6 U	6 U		2.8 J	5.46 J	6 U
Mercury	ug/L	0.7	0.2 U	0.2 U	0.2 U	0.2 U		0.2 UN	0.2 U	0.2 U
Selenium	ug/L	10	10 U	10 U	10 U	10 U		10 U	10 U	5.46 J
Silver	ug/L	50	5 U	7.83	5 U	5 U	1.66 J	1.68 J	5 U	5 U

Sample ID	Units	NYSDEC TOGS 1.1.1 Groundwater Standard	IMW-14	BR-14	IMW-15	BR-15	IMW-16	BR-16	IMW-17	BR-17
Arsenic	ug/L	25	4.24 J	10 U	4.56 J	10 U		10 U	4.2 U	10 U
Barium	ug/L	1000	38.4 J	22.2 J	19.9 J	13.1 J		261	62.9 U	26.1 J
Cadmium	ug/L	5	1.53 J	3 U	2.12 J	3 U	3 U	3 U	0.6 U	0.65 J
Chromium	ug/L	50	5 U	5 U	1.74 J	5 U		1.21 J	1.1 U	1.25 J
Lead	ug/L	25	6 U	3.04 J	2.6 U	5.54 J		17	2.6 U	8.16
Mercury	ug/L	0.7	0.2 UN	0.2 U	0.09 U	0.2 U		0.2 U	0.9 U	0.2 U
Selenium	ug/L	10	10 U	10 U	4.8 U	5.27 J		10 U	4.8 U	10 U
Silver	ug/L	50	5 U	5 U	1.5 U	5 U	5 U	5 U	1.6 U	5 U





209288 FIGURE 1 SITE LOCATION WITH USGS 7.5 MINUTE TOPO MAP **ROCHESTER WEST QUAD** 1:24,000

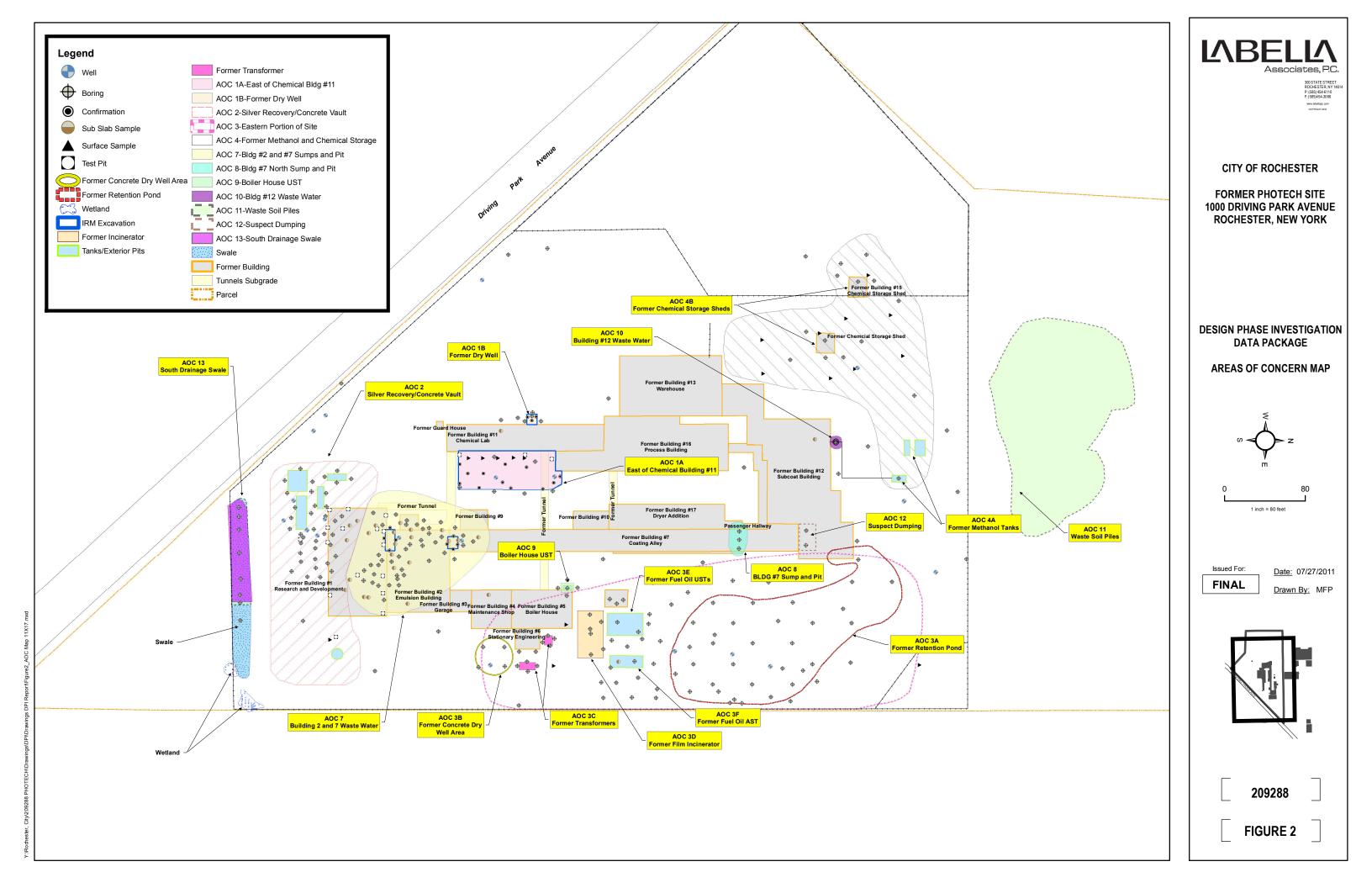
CITY OF ROCHESTER

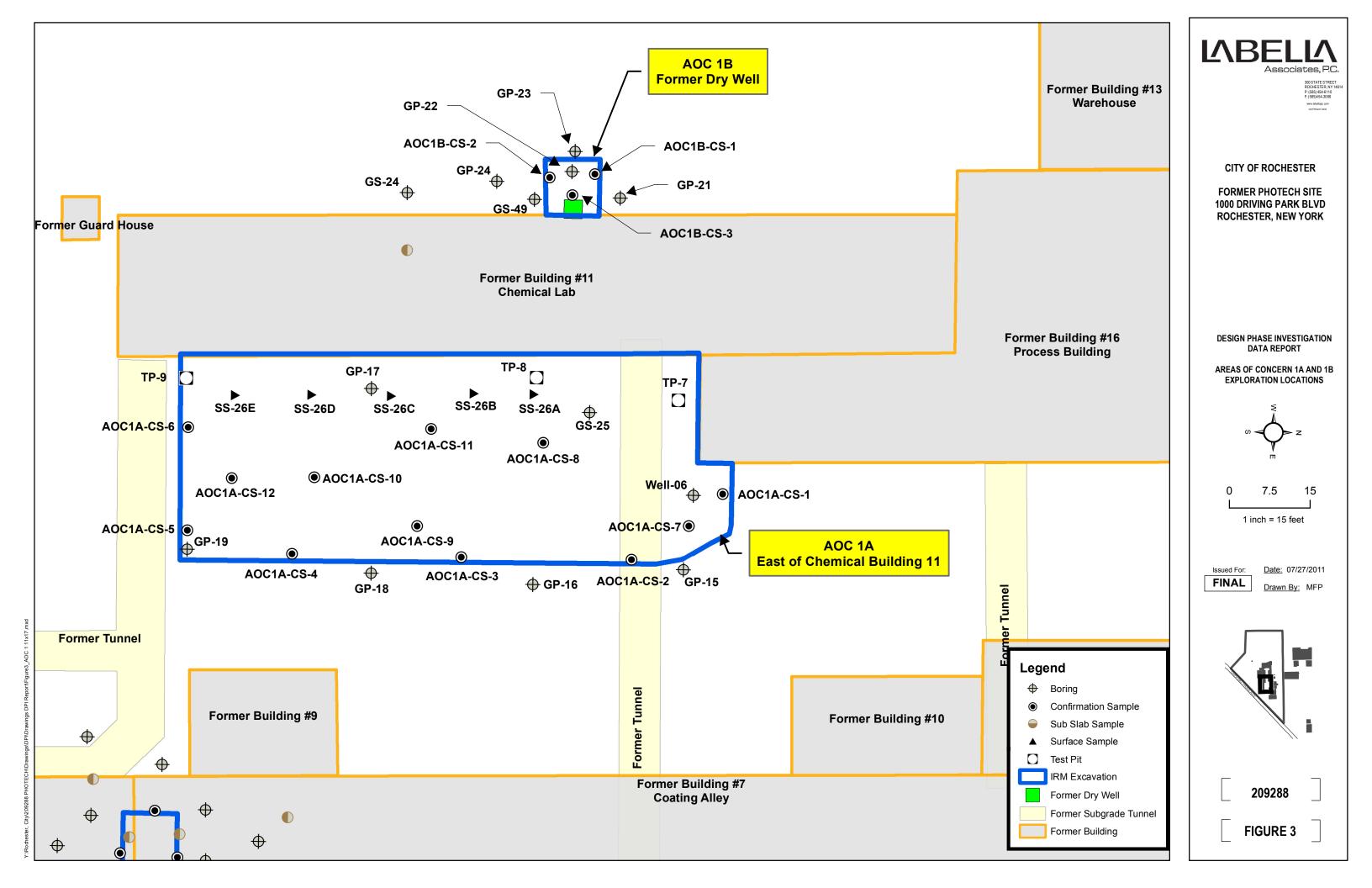
DESIGN PHASE INVESTIGATION

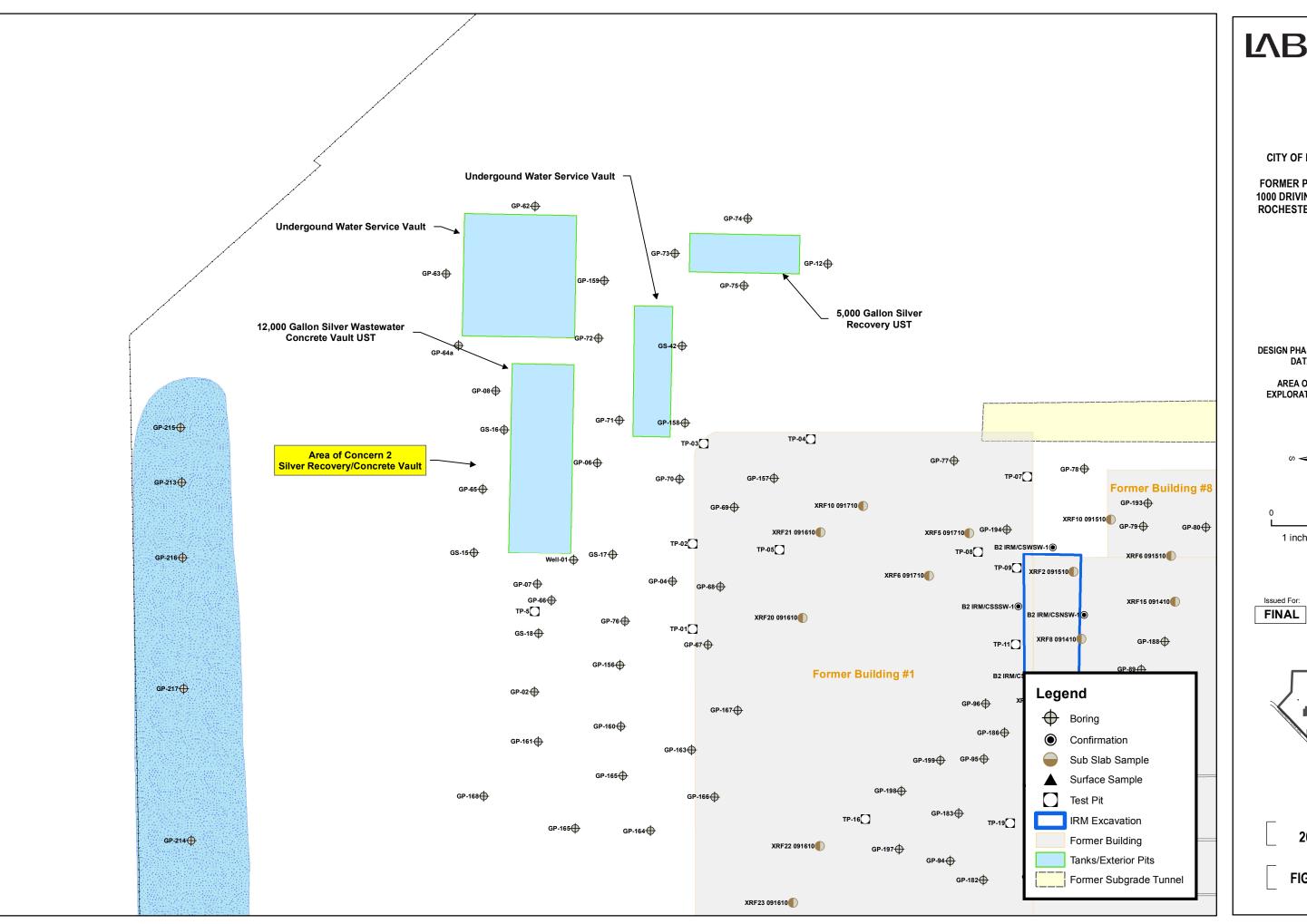
FORMER PHOTECH **IMAGING FACILITY** 1,000 DRIVING PARK AVENUE ROCHESTER, NY

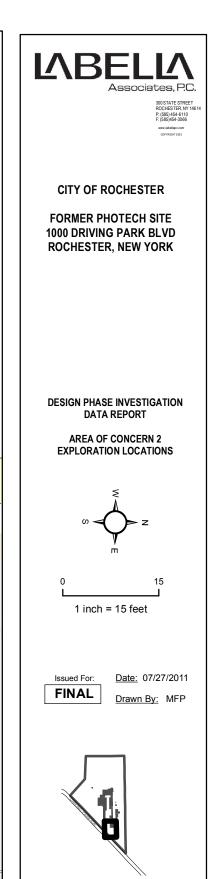


300 STATE STREET ROCHESTER, NY 14614 P: (585) 454-6110 F: (585)454-3066



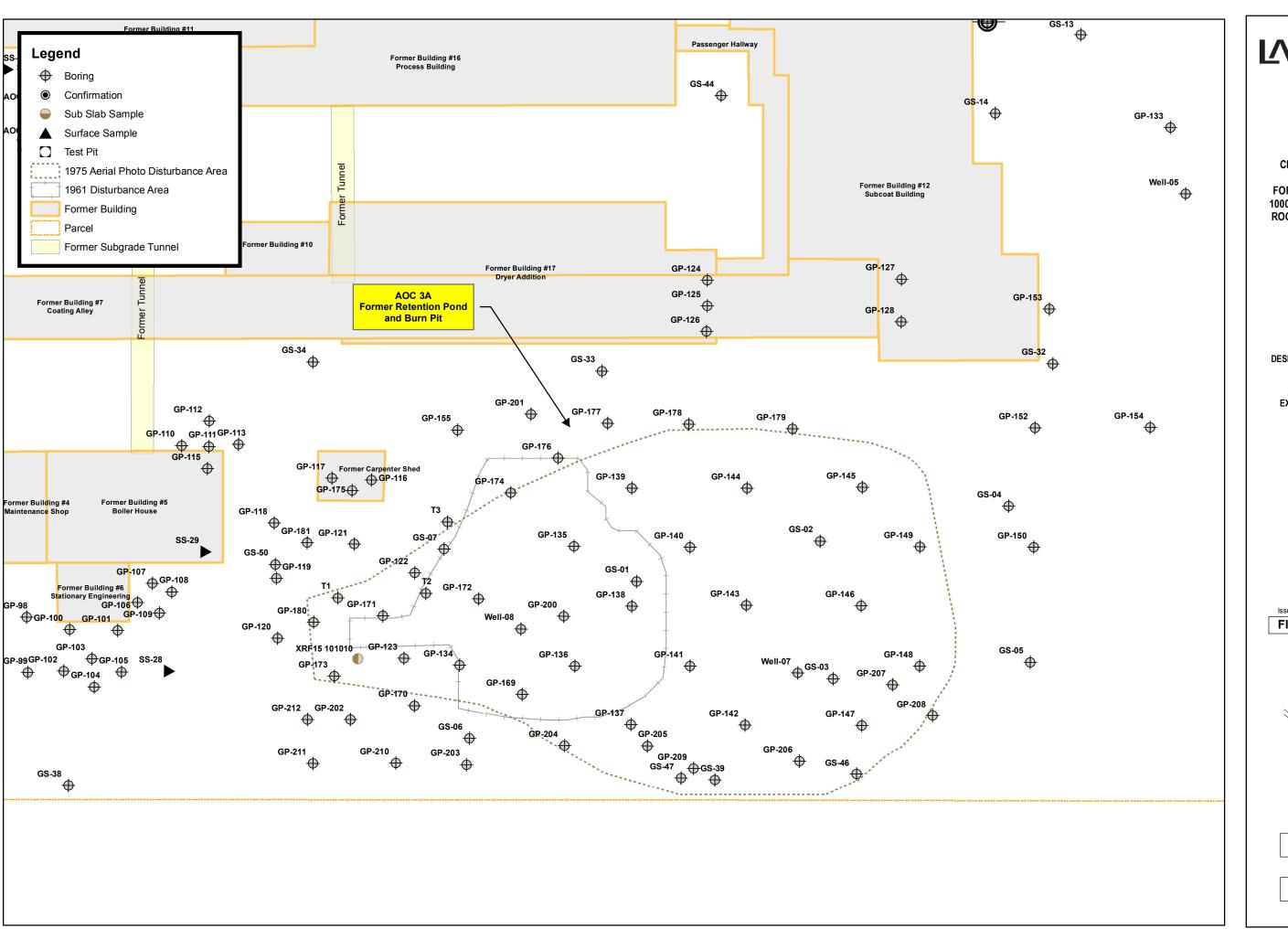


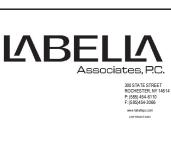




209288

FIGURE 4





CITY OF ROCHESTER

FORMER PHOTECH SITE 1000 DRIVING PARK BLVD ROCHESTER, NEW YORK

DESIGN PHASE INVESTIGATION DATA PACKAGE

AREA OF CONCERN 3A EXPLORATION LOCATIONS



0 30 L 1 inch = 30 feet

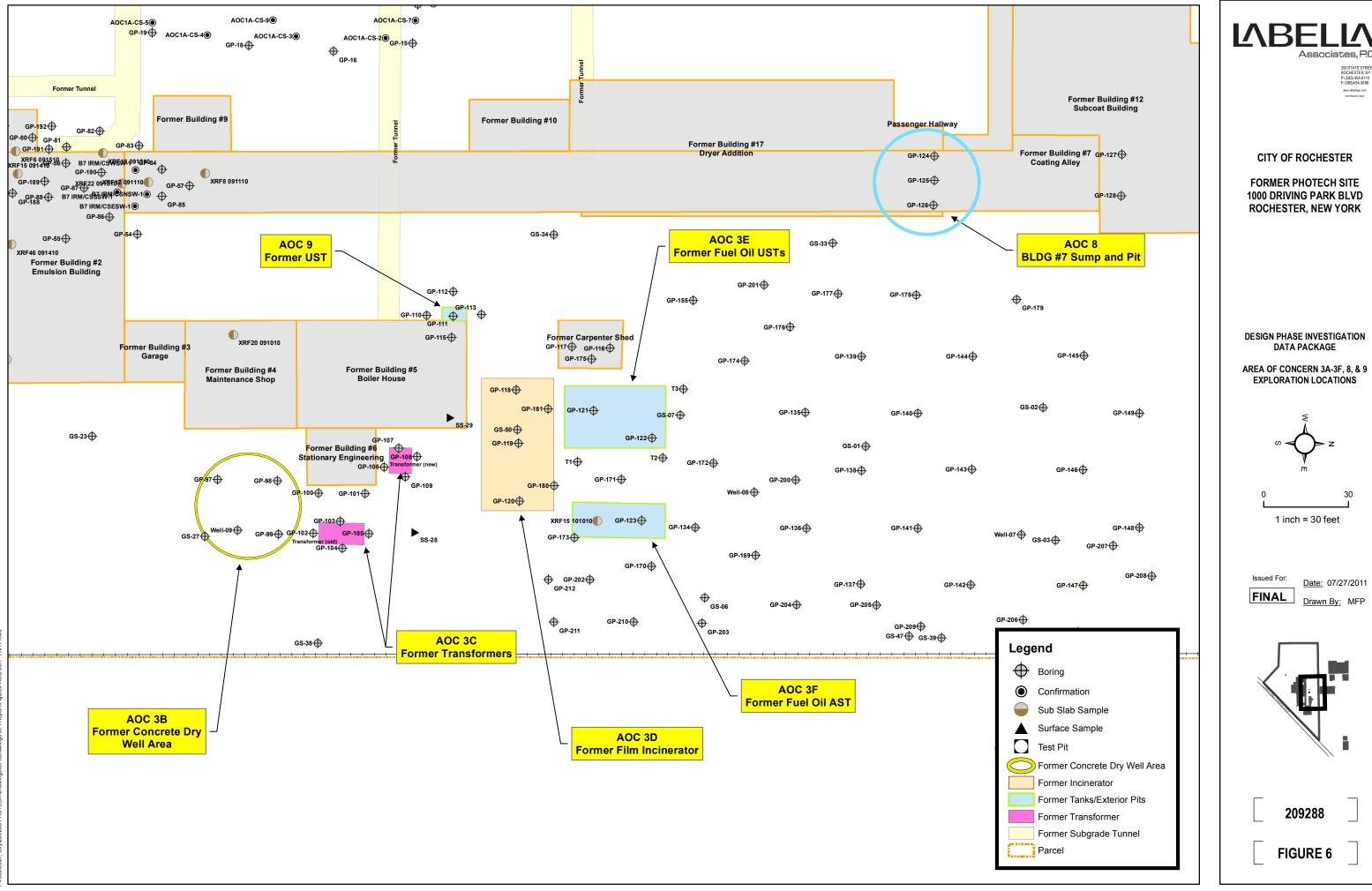
Issued For:

<u>Date:</u> 07/27/2011 <u>Drawn By:</u> MFP



209288

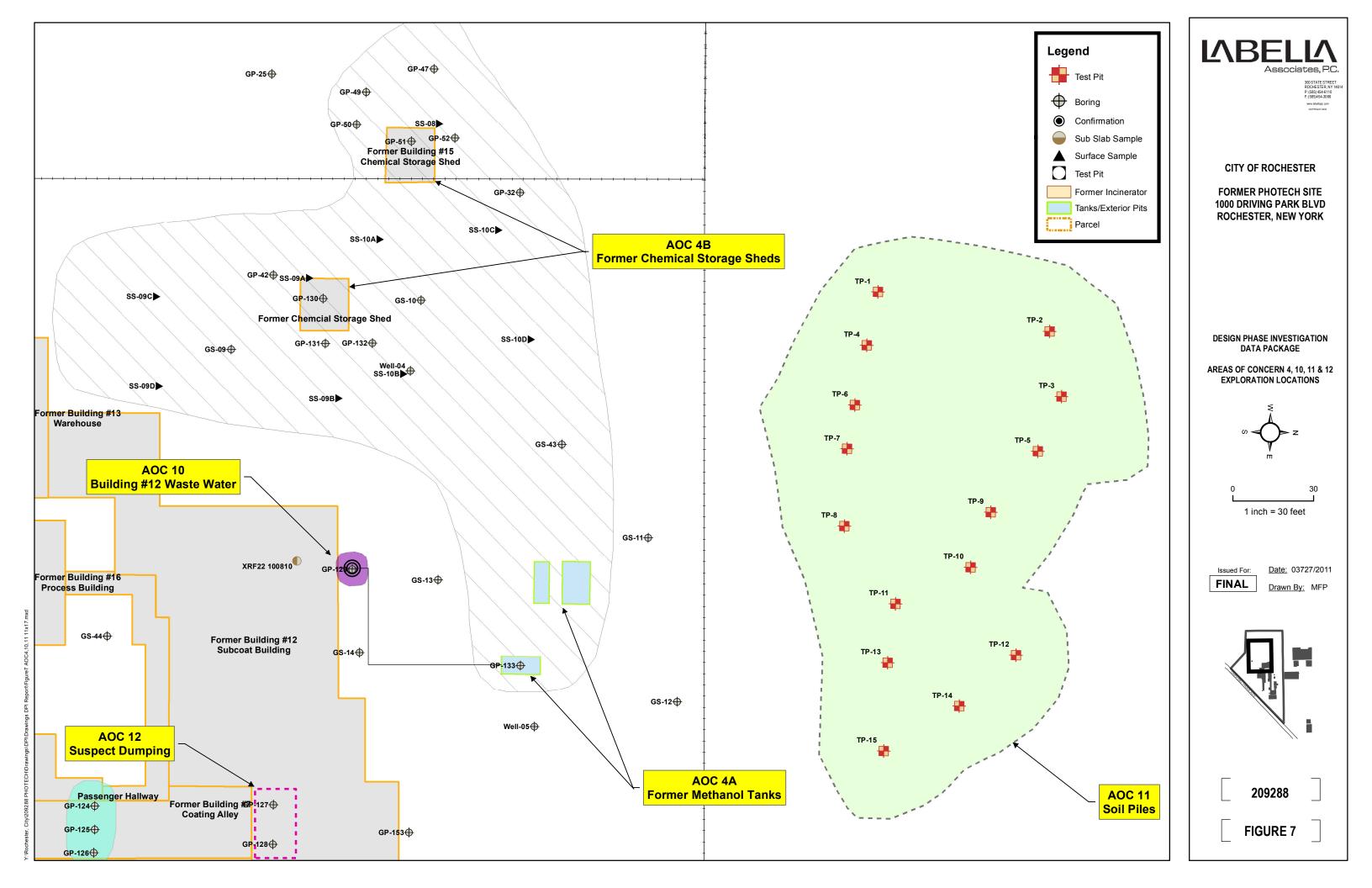
FIGURE 5

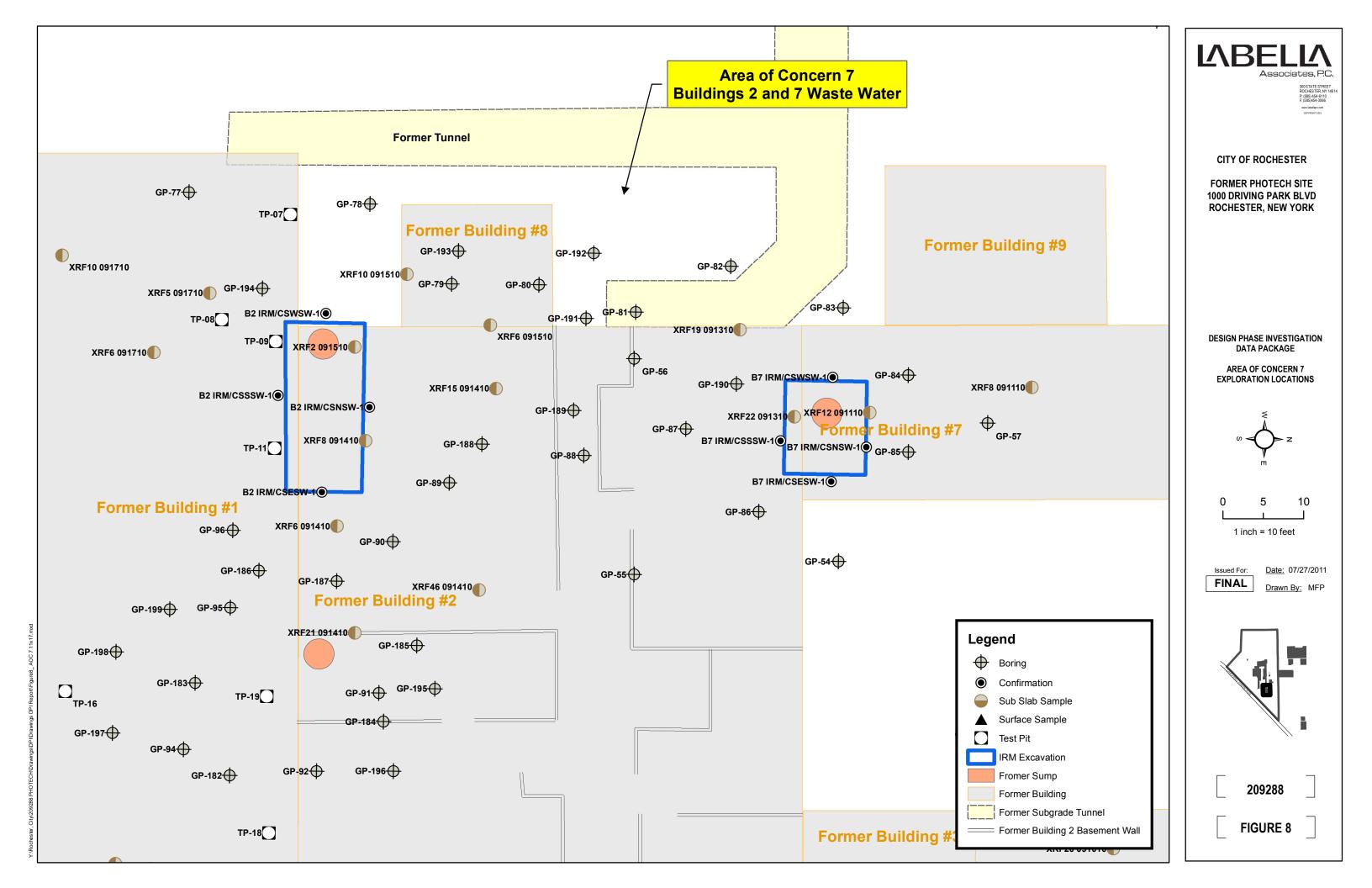


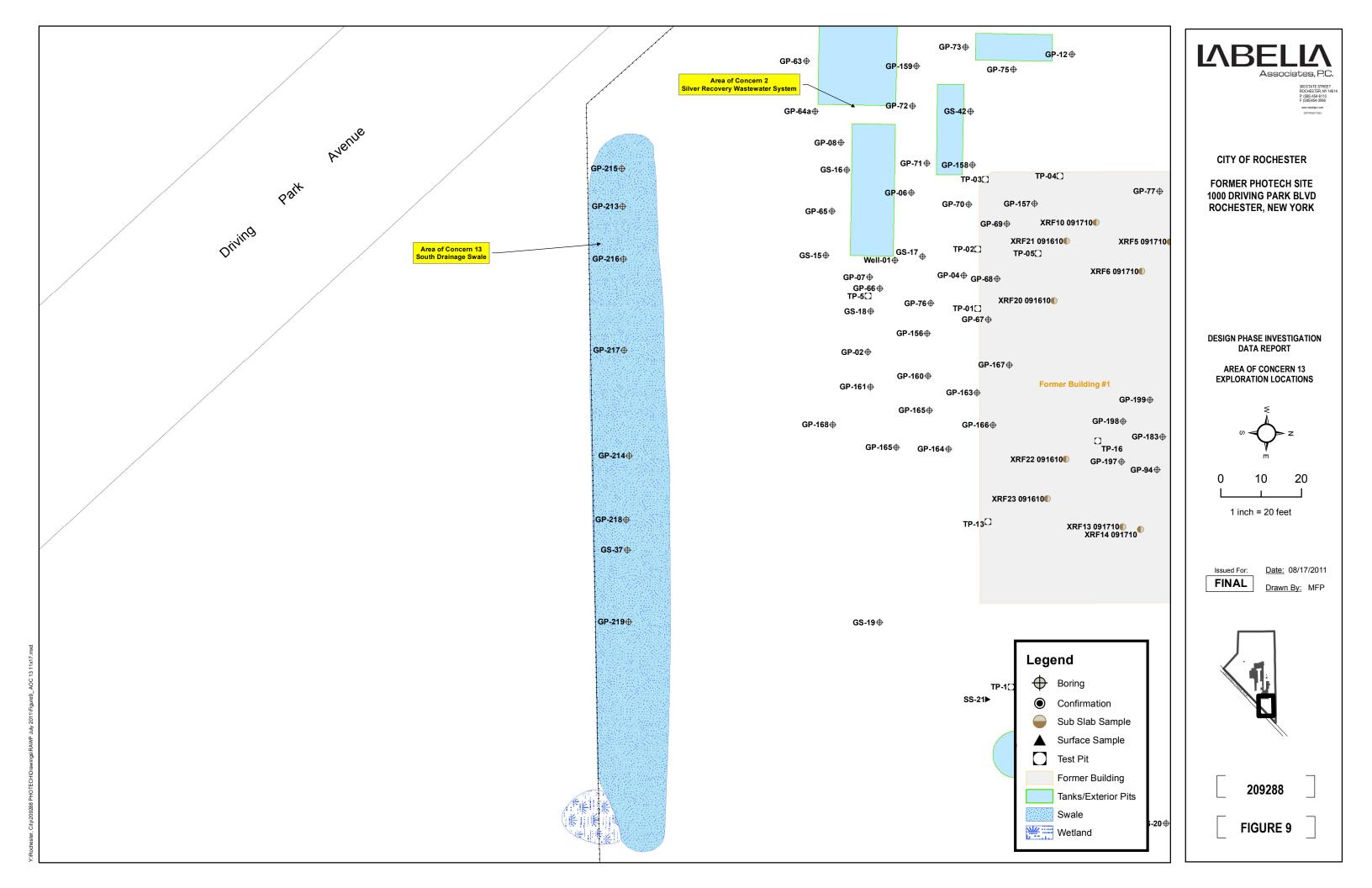


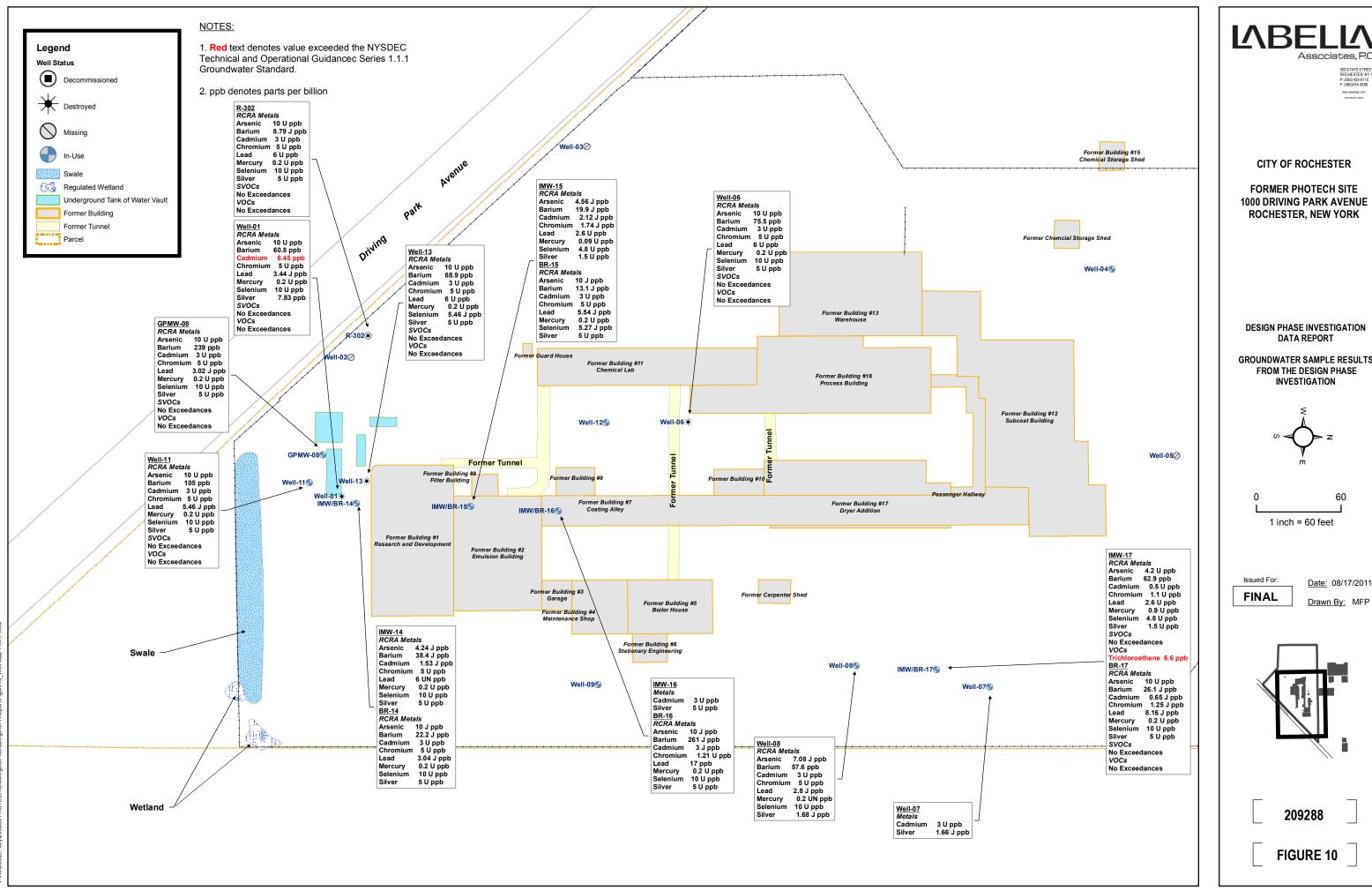
1000 DRIVING PARK BLVD

Date: 07/27/2011









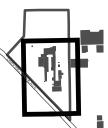


FORMER PHOTECH SITE **1000 DRIVING PARK AVENUE** 

**DESIGN PHASE INVESTIGATION** 

**GROUNDWATER SAMPLE RESULTS** FROM THE DESIGN PHASE

Date: 08/17/2011





# **Appendix 1**

Boring and Groundwater Monitoring Well Installation Logs



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: GP-1

SHEET OF 1 JOB: 209288

CHKD BY:

0810

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME: DATUM: TO

0830

1

DRILLER: J. Agar LABELLA REPRESENTATIVE:

OVERBURDEN SAMPLING METHOD: Direct Push

MFP

GROUND SURFACE ELEVATION START DATE: 29-Apr-10

END DATE:

29-Apr-10

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OTHER:

XRF DEPTH (FEET PID / FID FIELD SCREEN SAMPLE FIELD (PPM) SAMPLE STRATA **SCREEN** Cd Pb RECOVERY SAMPLE NO. AND VISUAL CLASSIFICATION CHANGE (PPM) (FEET) DEPTH (FEET) 0 3.5 GRAVEL 1' 0.2 Brown mf SAND, moist, no odor 0 0 2 Brown SILT, little f Sand, little mf sub rounded Gravel, moist, no 3' 3.0 0 4 0 3.5 5' 0 6 0 0 8 Brown to Gray SILT, little f Sand, little Clay, little mf angular 8.0 2.7 Gravel, moist, no door 0 10 0 Refusal at 10.8 ft bgs 12 14

				DEPTH (FT)		NOTES:			
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED				
				10.8	no				

#### **GENERAL NOTES**

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

and = 35 to 50 % some = 20 to 35%

little = 10 to 20% trace = 1 to 10%

c - coarse m = medium ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: GP-2

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME:

0845 ТО

0910

1

DRILLER: J. Agar

AUGER SIZE AND TYPE:

GROUND SURFACE ELEVATION

DATUM:

LABELLA REPRESENTATIVE:

MFP

START DATE: 29-Apr-10

END DATE:

29-Apr-10

TYPE OF DRILL RIG: Track Mounted Geoprobe 54LT NA

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

FEET)		SAMPLE					PID / FID FIELD		FIEI	XRF LD SCRE (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)	Ag	Cd	Pb		
0	2.3	1.5'	0.2 0.5 1.5	ASPHALT SAND and GRA\ CONCRETE Brown SILT, little odor		b rounded Gravel, moist, organic	0					
4	3.0	4'					0					
6	3.0	6'	4.6	Gray SILT, little f	f Sand, trace f angu	lar Gravel, moist, no odor	0					
8	2.2	8 <sup>*</sup>	8.0	Brown SILT. little	e Clav. trace f angul	ar Gravel, moist, no odor	0					
10		10'		Refusal at 10.2			0					
12												
14												
16				DEPTH (FT)		NOTES:						
	WATER	LEVEL DATA	BOTTOM OF		GROUNDWATER							
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED							

#### **GENERAL NOTES**

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

10.2

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

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

c - coarse m = medium

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: GP-3

SHEET OF 1 JOB: 209288

CHKD BY:

0920

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME: DATUM: TO

DRILLER: J. Agar LABELLA REPRESENTATIVE:

MFP

GROUND SURFACE ELEVATION START DATE: 29-Apr-10

END DATE:

29-Apr-10

0950

XRF

1

TYPE OF DRILL RIG:

Track Mounted Geoprobe 54LT

NA

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OTHER:

AUGER SIZE AND TYPE: OVERBURDEN SAMPLING METHOD: Direct Push

DEPTH (FEET PID / FID FIELD SCREEN SAMPLE FIELD (PPM) SAMPLE STRATA **SCREEN** Cd Pb RECOVERY SAMPLE NO. AND CHANGE VISUAL CLASSIFICATION (PPM) (FEET) DEPTH (FEET) 0 3.2 Brown SILT, little mf SAND, little mf angular Gravel, moist, no odor 0 1' 0 2 3' 0 4 0 3.5 5' 0 6 0 0 8 8.0 Brown to gray SILT, some f Sand, moist, no odo 1.0 0 9' 10 0 Refusal at 9.7 ft bgs 12 14 16 DEPTH (FT) NOTES:

## **GENERAL NOTES**

TIME

DATE

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

BOTTOM OF

BORING

9.7

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

and = 35 to 50 % some = 20 to 35%

WATER LEVEL DATA

ELAPSED TIME

little = 10 to 20% trace = 1 to 10%

BOTTOM OF

CASING

c - coarse m = medium

GROUNDWATER

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

ND = Non Detect NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: GP-4

SHEET OF 1 JOB: 209288

CHKD BY:

0955

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME: DATUM: ТО

1020

1

DRILLER: J. Agar LABELLA REPRESENTATIVE:

OVERBURDEN SAMPLING METHOD: Direct Push

GROUND SURFACE ELEVATION MFP

START DATE: 29-Apr-10

END DATE:

29-Apr-10

TYPE OF DRILL RIG: Track Mounted Geoprobe 54LT AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: Macrocore

INSIDE DIAMETER: 1.8-inch

OTHER:

FEET)		SAMPLE					PID / FID FIELD		FIEI	XRF LD SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)	Ag	Cd	`Pb <sup>′</sup>		
			,									
0	3.2		0.5	Topsoil	+ CAND + +	and a Consul and a sist of a sist	2					
		1'	0.5	Brown SILI, little	e i Sand, trace i ar	gular Gravel, moist, no odor	0					
		·										
							0					
2												
		3'					0					
		· ·										
4	3.4						0	<b></b>			ļ	
	3.4											
		5'					0					
			5.0		ILT, little f Sand, tra	ice f angular Gravel, moist, no						
6				odor								
		7'					0					
		,										
							0					
8												
	0.5		8.0	Brown to gray SI	LT, some f Sand, i	noist, no odor	0					
		8.5'					0					
10							0					
				Refusal at 8.7 ft	bgs							
12												
14												
16												
				DEPTH (FT)		NOTES:						
	WATER	LEVEL DATA	BOTTOM OF		GROUNDWATER							
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED							

#### **GENERAL NOTES**

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

8.7

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

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

c - coarse m = medium

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: GP-5

SHEET OF 1 JOB: 209288

CHKD BY:

1035

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME: DATUM: ТО

1050

XRF

1

DRILLER: J. Agar

LABELLA REPRESENTATIVE:

GROUND SURFACE ELEVATION MFP

START DATE: 29-Apr-10

END DATE:

29-Apr-10

TYPE OF DRILL RIG:

Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore

AUGER SIZE AND TYPE:

NA

INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

(FEET)		SAMPLE					PID / FID FIELD		FIEI	XRF _D SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)	Ag	Cd	Pb		
0	3.3			Brown SILT, little	ef SAND, trace f an	gular Gravel, moist, no odor						
		1'					0					
							0					
2												
		3'					0					
4	3.4						0					
	3.4	5'					0					
6		0	5.0	Brown to Gray S	ILT, little f Sand, tra	ce f angular Gravel, moist, no						
		7'					0					
							0					
8	1.2											
		9'		(Dattara of ages)			0					
10				Refusal at 9.2 ft	hole some weathere	ed Shale)	0					
				itterusur at 3.2 it	. bgs							
12												
14												
16				DEDTH (ET)		NOTES:						
	WATER	LEVEL DATA	BOTTOM OF	DEPTH (FT) BOTTOM OF	GROUNDWATER	INOTES.						

#### **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

9.2

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: GP-6

SHEET OF 1 JOB:

209288 CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

GROUND SURFACE ELEVATION

TIME: DATUM: 1058

1115

1

DRILLER: J. Agar

LABELLA REPRESENTATIVE:

MFP START DATE: 29-Apr-10

END DATE:

29-Apr-10

ТО

DRIVE SAMPLER TYPE: Macrocore

TYPE OF DRILL RIG: Track Mounted Geoprobe 54LT AUGER SIZE AND TYPE: INSIDE DIAMETER: 1.8-inch NA OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

(FEET)		SAMPLE					PID / FID FIELD		FIE	XRF LD SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)	Ag	Cd	Pb		
_												
0	3.3			Brown SILT, sor	me mf angular Grave	el, little f Sand, moist, no odor	0					
		1'					0					
							0					
2												
		21										
		3'					0					
4							0					
	1.0											
		4.5'										
				Refusal at 5 ft l	hae		0					
6				inclusar at 5 it i	ogo							
8								<b>-</b>				
10												
								-				
12												
14												
17												
								1				
16				DEDTU (ET:		luarra						
				DEPTH (FT)		NOTES:						
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER							
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED							
				5.0	no							
			•									

### **GENERAL NOTES**

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

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

c - coarse m = medium ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536 BORING: GP-7

SHEET 1 OF **JOB: 209288** 

CHKD BY: --

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

OVERBURDEN SAMPLING METHOD: Direct Push

BORING LOCATION:

TIME: DATUM: 1120 TO

1140

1

DRILLER: J. Agar

LABELLA REPRESENTATIVE: MFP

START DATE: 29-Apr-10

GROUND SURFACE ELEVATION

END DATE:

29-Apr-10

DRIVE SAMPLER TYPE: Macrocore

TYPE OF DRILL RIG: Track Mounted Geoprobe 54LT AUGER SIZE AND TYPE: NA

INSIDE DIAMETER: 1.8-inch

OTHER:

FEET)		SAMPLE					PID / FID FIELD		FIEI	XRF LD SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)	Ag	Cd	Pb		
	(: ==:/	52	(: == : )									
0	3.1			ASPHALT								
			0.2	GRAVEL sub ba	ise		0					
		1'	0.5	D. OH T. Park	COAND CO.							<b>—</b>
			0.5	Brown SIL1, little	e i Sand, trace i an	gular Gravel, moist, no odor	0					<del></del>
2							0					$\vdash$
		3'					0					
							_					<b>—</b>
4	1.2		4.0	Crov CII T and n	of angular CDAVEL	little f Sand, wet, no odor	0					<b> </b>
	1.2		4.0	Gray SILT and II	ni angulai GRAVEL	illile i Sarid, wet, no odor						$\vdash$
		5'					0					
			5.0	Brown to Gray S	ILT, little f Sand, tra	ce f angular Gravel, moist, no	-					
6				odor								
							0					
		7'										<b>—</b>
		7' Duplicate		(Bottom of core	hole some weathere	ad chala)	0					$\vdash$
8				(Bottom or core	nole some weathere	eu stiale)	0					
				Refusal at 8 ft b	ogs							 
												<b>——</b>
10												<del>                                     </del>
												$\vdash$
12												
												<b>——</b>
												<b>—</b>
												$\vdash$
14												
												igwdot
16				DEDTIL (ST)		NOTES						
				DEPTH (FT)		NOTES:						
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	Well GPMW-8 installed						

#### **GENERAL NOTES**

TIME

DATE

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

BORING

9.3

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

and = 35 to 50 % some = 20 to 35%

ELAPSED TIME

little = 10 to 20% trace = 1 to 10%

CASING

c - coarse m = medium

ENCOUNTERED

no

ND = Non Detect BGS = Below the Ground Surface

f = fine NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: GP-8

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME: DATUM: 1230 TO 1305

XRF

1

DRILLER:

LABELLA REPRESENTATIVE:

J. Agar

MFP

GROUND SURFACE ELEVATION START DATE: 29-Apr-10

END DATE:

29-Apr-10

TYPE OF DRILL RIG:

Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore

AUGER SIZE AND TYPE:

NA

INSIDE DIAMETER: 1.8-inch OTHER:

OVERBURDEN SAMPLING METHOD: Direct Push

**DEPTH (FEET** PID / FID FIELD SCREEN SAMPLE FIELD (PPM) SAMPLE STRATA **SCREEN** Cd Pb RECOVERY SAMPLE NO. AND VISUAL CLASSIFICATION CHANGE (PPM) (FEET) DEPTH (FEET) 0 3.1 ASPHALT 0.2 GRAVEL sub base 0 1' 0.5 Brown SILT, little f SAND, trace f angular Gravel, moist, no odor 0 2 3' 0 4 0 1.2 4.0 Gray SILT and mf angular GRAVEL, little f Sand, wet, no odor 5' 0 5' Duplicate 5.0 Brown to Gray SILT, little f Sand, trace f angular Gravel, moist, no 6 odor 0 0 (Bottom of core hole some weathered shale) 8 As Above, saturated 1.4 9' 10 Refusal at 9.3 ft bgs 12 14 16 DEPTH (FT) NOTES:

#### WATER LEVEL DATA BOTTOM OF GROUNDWATER Well GPMW-8 installed **BOTTOM OF** ELAPSED TIME BORING ENCOUNTERED DATE TIME CASING 9.3 no

#### **GENERAL NOTES**

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

and = 35 to 50 %

little = 10 to 20% trace = 1 to 10%

c - coarse m = medium ND = Non Detect BGS = Below the Ground Surface

some = 20 to 35%

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: GP-9

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME: DATUM: 1318 TO 1330

XRF

1

DRILLER:

LABELLA REPRESENTATIVE:

J. Agar

MFP

START DATE: 29-Apr-10

GROUND SURFACE ELEVATION

END DATE:

29-Apr-10

TYPE OF DRILL RIG:

NA

Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OTHER:

AUGER SIZE AND TYPE: OVERBURDEN SAMPLING METHOD: Direct Push

DEPTH (FEET PID / FID FIELD SCREEN SAMPLE FIELD (PPM) SAMPLE STRATA **SCREEN** Cd Pb RECOVERY SAMPLE NO. AND VISUAL CLASSIFICATION CHANGE (PPM) (FEET) DEPTH (FEET) 0 ASPHALT 1.2 0.2 Brown SILT, little f Sand, trace f angular Gravel, moist, no odor 0 1' 0 2 0 4 0 Brown SILT, little f Sand, little f angular Gravel, wet, no odor 1.0 4.5' 0 6 Refusal at 6.8 ft bgs 8 10 12 14 16 DEPTH (FT) NOTES:

#### **GENERAL NOTES**

TIME

DATE

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

BOTTOM OF

BORING

6.8

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

and = 35 to 50 % some = 20 to 35%

WATER LEVEL DATA

ELAPSED TIME

little = 10 to 20% trace = 1 to 10%

BOTTOM OF

**CASING** 

c - coarse m = medium

GROUNDWATER

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536 BORING: GP-10

SHEET 1 OF **JOB:** 209288

CHKD BY: --

1335

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME:

TO

1355

1

DRILLER: J. Agar

LABELLA REPRESENTATIVE: MFP

GROUND SURFACE ELEVATION START DATE: 29-Apr-10

END DATE: 29-Apr-10

DATUM:

Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore

AUGER SIZE AND TYPE:

TYPE OF DRILL RIG:

NA

INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: Direct Push

OTHER

OTHER:

FEET)		SAMPLE					PID / FID FIELD		FIEI	XRF LD SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)	Ag	Cd	`Pb ´		
	,		,									
0	3.0.			TOPSOIL								
			0.2	Brown SILT, little	e f Sand, trace f ang	gular Gravel, moist, no odor	0					
		1'										-
							0	-				
2							0					
_												
		3'					0					
4	3.3			-			0					<b> </b>
	3.3		4.5	Brown SILT little	a f Sand little mf an	gular gravel, moist, no odor						
		5'	4.5	Brown Oill, intic	c i dana, illic illi ali	guiai gravei, moist, no odoi	0					
		-					-					
6												
			6.7	Brown SILT, little	e f Sand, trace f ang	gular Gravel, moist, no odor	0					
		7'										<b>—</b>
							0					
8							0					
0	3.5							-				
							0					
		9'										
10							0					<b>——</b>
												$\vdash$
		11'					0					
		• •										
12												
				Saturated at bott								
				Refusal at 12.2	ft bgs							
								<u> </u>				<b>  </b>
14												$\vdash$
1-4								<del>                                     </del>				$\vdash$
16						1						<u> </u>
				DEPTH (FT)	T	NOTES:						
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER							

## GENERAL NOTES

TIME

ELAPSED TIME

DATE

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

BORING

12.2

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

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

CASING

c - coarse m = medium

ENCOUNTERED

yes

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-11** 

SHEET OF 1 JOB: 209288

CHKD BY:

1420

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

GROUND SURFACE ELEVATION

TIME: DATUM: ТО

XRF

1435

1

DRILLER: J. Agar LABELLA REPRESENTATIVE:

MFP

START DATE: 29-Apr-10

END DATE:

29-Apr-10

TYPE OF DRILL RIG:

Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

FEET)		SAMPLE					PID / FID FIELD		FIE	XRF LD SCRI (PPM)		
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)	Ag	Cd	`Pb <sup>′</sup>	1	
0	3.1		0.2	ASPHALT GRAVEL sub ba			0					
		1'	0.4	Gray SILT, little f	f Sand, trace f angu	llar Gravel, moist, no odor	0					
2		3'					0					
4							0					
	3.6	5'	5.0	Brown to Gray S	ILT, little f Sand, tra	ace f angular Gravel, moist, no	0					
6		7'		odor			0					
8		,					0					
	2.4	9'	9.0	Brown SILT, son	ne f angular Gravel,	little f Sand, moist, no odor	0					
10							0					
				Refusal at 10.4	ft bgs							
12												
14												
16				DEPTH (FT)		NOTES:						
	WATER	LEVEL DATA	воттом оғ		GROUNDWATER							

#### **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

10.4

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING: GP-11



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-12** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME:

1515 ТО

1545

1

DRILLER: J. Agar LABELLA REPRESENTATIVE:

GROUND SURFACE ELEVATION MFP

END DATE:

DATUM:

NA

START DATE: 29-Apr-10

29-Apr-10

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

(FEET)		SAMPLE					PID / FID FIELD		FIE	XRF LD SCR (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)	Ag	Cd	Pb		
	0.4			A ODLIAL T								
0	3.4		0.2	ASPHALT GRAVEL sub ba	se		0					
		1'	0.4			lar Gravel, moist, no odor						
2							0					
_												
		3'					0					
4							0					
	3.6											
		5'	5.0	Brown to Gray S	II T little f Sand tra	ice f angular Gravel, moist, no	0					
		-		odor	,	,,						
6												
		7'					0					
		,										
							0					
8	3.4							-	 			<b></b>
	0.4						0					
		9'	9.0	Brown SILT, som	ne f angular Gravel,	little f Sand, moist, no odor						
10							0					
10							0					
		11'										
							0					
12							<u> </u>		<u> </u>			
				Refusal at 12.6	tt bgs							
14												
16				DEDTH (ST)		NOTES:						
	14/4	. 5. 5. 5. 7.	DOTTON	DEPTH (FT)		NOTES:						
-	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER							

#### **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

12.6

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-13** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME:

1548 ТО

DRILLER:

J. Agar

GROUND SURFACE ELEVATION

END DATE:

DATUM:

1610

1

LABELLA REPRESENTATIVE:

MFP

START DATE: 29-Apr-10

29-Apr-10

TYPE OF DRILL RIG:

Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

FEET)		SAMPLE			PID / FID FIELD	XRF FIELD SC (PPM			EN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	SCREEN (PPM)	Ag	Cd	Pb		
0	3.5			TOPSOIL						
		1'	0.4	Brown SILT, some mf angular Gravel, moist, no odor	0					
2					0					
		3'			0					
4					0					
	3.1	5'	5.0	Brown to Gray SILT, little f Sand, trace f angular Gravel, moist, no	0					
6				odor	0					
		7'								
8	3.1				0					
		9'	9.0		0					
10				(weathered shale at bottom of core)	0					
		11'			0					
12				Refusal at 11.4 ft bgs	0					
14										
16				DEPTH (FT) NOTES:						
	WATER	LEVEL DATA	воттом оғ	BOTTOM OF GROUNDWATER GPMW-13						

#### **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

12.6

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-14** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME:

1610

ТО 1635 1

DATUM:

DRILLER: LABELLA REPRESENTATIVE:

J. Agar

MFP

NA

GROUND SURFACE ELEVATION START DATE: 29-Apr-10

END DATE:

29-Apr-10

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

(FEET)		SAMPLE					PID / FID FIELD		FIE	XRF LD SCR (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)	Ag	Cd	Pb		
0	1.4			ASPHALT								
	1.4		0.2	GRAVEL			0					
		1'	1.0	Dark Gray SILT,	little f Sand, moist,	no odor						
							0					
2												
							0					
4							0					
	3.2		4.0	Gray SILT, little	f Sand, trace f angu	lar Gravel, moist, no odor						
		5'					0					
		-										
6							0					
		7'					0					
							0					
8							U					
	0.4	8'					0					
				Refusal at 8.4 ft	t bgs		0					
40												
10												
12												
14												
17												
16				DEDTIL (ET)		luozza.						
	\\\\ ATCS	LEVEL DATA	DOTTOM OF	DEPTH (FT)	CDOLINDWATER	NOTES:						
-	WATER	LEVEL DATA	BOTTOM OF	BOLLOWOF	GROUNDWATER							

#### **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

6.8

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

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

CASING

c - coarse m = medium

f = fine

ENCOUNTERED

no

ND = Non Detect BGS = Below the Ground Surface

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-15** 

SHEET OF 1 JOB: 209288

CHKD BY:

0815

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME:

ТО 0845

DRILLER: J. Agar

GROUND SURFACE ELEVATION

DATUM:

1

LABELLA REPRESENTATIVE:

MFP

START DATE: 30-Apr-10

END DATE:

30-Apr-10

TYPE OF DRILL RIG:

Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

AUGER SIZE AND TYPE: OVERBURDEN SAMPLING METHOD: Direct Push

NA

OTHER:

(FEET)		SAMPLE		A			PID / FID FIELD		FIE	XRF LD SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)	Ag	Cd	`Pb <sup>′</sup>		
_												
0	3.4			Brown SILT, som	ne mf angular Grav	el, little f Sand, moist, no odor	0					
		1'					0					
		·										
							0					
2												
		3'					0					
		3					0					
4							0					
	1.2											
		5'					0					
		5					0					
6												
							0					
8							0					
	0.8	8'		As Above, wet			-	-				
							0					
40												
10							0					
12		401	12.0			1 100 400		ļ				
	1.7	13'	12.0	Brown SILI, som	ne mr angular Grav	el, little f Sand, wet, no odor	<u>0</u>					
							<u>0</u>					
14												
							<u>0</u>					
							<del></del>					
								<del> </del>				
16				Refusal at 15.6	ft bgs							
				DEPTH (FT)		NOTES:	1		L	1	1	
	WATER	LEVEL DATA	BOTTOM OF		GROUNDWATER							

#### **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

15.6

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-16** 

SHEET OF 1 JOB: 209288

CHKD BY:

0853

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME:

ТО

0915

XRF

1

DRILLER: J. Agar

MFP START DATE: 30-Apr-10 END DATE:

DATUM:

LABELLA REPRESENTATIVE:

GROUND SURFACE ELEVATION

30-Apr-10

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: Direct Push

NA

OTHER:

(FEET)		SAMPLE					PID / FID FIELD			XRF LD SCRI (PPM)	EEN	
<b>DEPTH (FEET)</b>	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)	Ag	Cd	Pb	Ι	
0	3.2			Brown SILT and	mf angular GRAVE	EL, little f Sand, moist, no odor						
		1'			· ·		0					
		'										
2							0					
_												
		3'					0					
							_					
4	0.2			GRAVEL			0					
		5'					0					
		5					0					
6							0					
							0					
							0					
8							0					
	0.8	8'	8.0	Brown SILT, little no odor	e f Sand, trace f ang	gular Gravel, moist to wet,	0					
				110 0001								
10							0					
40												
12	0.5	13'		As Above, weath	nered shale		0					
							0					
14							0					
							Ŭ					
16				Refusal at 15.6	ft bgs	1						
				DEPTH (FT)		NOTES:						
DATE		LEVEL DATA	BOTTOM OF		GROUNDWATER							
DATE	DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED											

### **GENERAL NOTES**

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

15.6

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

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

c - coarse m = medium

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-17** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME:

0920 ТО

0940

1

DRILLER: J. Agar

GROUND SURFACE ELEVATION

DATUM:

LABELLA REPRESENTATIVE:

MFP

NA

START DATE: 30-Apr-10

END DATE:

30-Apr-10

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

(FEET)		SAMPLE			PID / FID FIELD		FIE	XRF LD SCR (PPM)	EEN	
DEPTH (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	SCREEN (PPM)					
			` ′							
0	1.8	0		Brown SILT and mf angular GRAVEL, little f Sand, moist, no odor						
					0					
		1.5								
		1.5			0					
2					- 0					
					0					
4	2.3	4'			0	<b>-</b>			ļ	<b>{</b>
	2.3	4								
			5.0	Brown SILT, little f Sand, trace f angular Gravel, moist, no odor	0					
				•						
6		6'								
					0					
					0					
8					0					
	2.0	8'	8.0							·····
					0					
40		9'								
10				Refusal at 9.4 ft bgs	0					
				Neiusai at 5.4 it bys						
12										
					0					
					0					
14					_ Ŭ					
					0					
16						-				
16				DEPTH (FT) NOTES:	L	1			<u> </u>	
-										
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF GROUNDWATER						

#### **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

**BORING** 

9.4

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-18** 

SHEET 1 OF JOB:

209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

0947 ТО

1015

1

DRILLER: J. Agar

GROUND SURFACE ELEVATION

DATUM:

LABELLA REPRESENTATIVE:

MFP

START DATE: 30-Apr-10

END DATE:

30-Apr-10

DRIVE SAMPLER TYPE: Macrocore

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: Track Mounted Geoprobe 54LT NA

INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

(FEET)		SAMPLE			PID / FID FIELD		FIE	XRF LD SCRI (PPM)	EEN	
<b>DEPTH (FEET)</b>	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	SCREEN (PPM)					
0	3.5			Brown SILT and mf angular GRAVEL, little f Sand, moist, no odor						<b>—</b>
		1'			0					-
		'								
					0					
2										
		3'			0					
4					0	ļ				<b> </b>
	3.6	5'								-
		5	5.0	Brown SILT, little f Sand, trace f angular Gravel, moist, no odor	0					
			0.0	brown orer, maio i baria, trabo i arigular bravol, molot, no babi	0					
6										
					0					
		7'								
					0					
8	3.5		8.0							<b></b>
	3.5		8.0		0					-
		9'			U					
		· ·								
10					0					
		11'								
40										
12				Refusal at 11.7 ft bgs	0					<b>{</b>
				Refusal at 11.7 it bys	0					
					0					
14										
					0					
										$\vdash \!$
16										$\vdash \vdash \vdash$
16				L DEPTH (FT) NOTES:	<u> </u>					<u> </u>
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF GROUNDWATER						

#### **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

**BORING** 

11.7

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-19** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME: DATUM: 1027

ТО 1055 1

DRILLER: J. Agar

LABELLA REPRESENTATIVE:

GROUND SURFACE ELEVATION MFP START DATE: 30-Apr-10

END DATE:

30-Apr-10

TYPE OF DRILL RIG:

Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore

AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push INSIDE DIAMETER: 1.8-inch

OTHER:

(FEET)		SAMPLE		_			PID / FID FIELD SC FIELD (PPM			XRF LD SCR (PPM)	REEN		
DEРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)						
0	1.1			Brown SILT and	mf angular GPAVE	L, little f Sand, moist, no odor							
0	1.1	0.5'		BIOWIT SILT AIR	IIII aligulal GIVAVE	L, little i Garia, moist, no odor	0						
							0						
2							-						
							0						
4							0						
7	1.0	4'					0						
							0						
							0						
6													
							0						
8							0						
	0.	8'											
							0						
10				Defined at 40.0	£4 b		0						
				Refusal at 10.2	nt bgs								
12													
							0						
							0						
14							0						
							0						
16													
				DEPTH (FT)	1	NOTES:							
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER								

#### **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

11.7

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-20** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME:

ТО

1

DRILLER: J. Agar LABELLA REPRESENTATIVE:

GROUND SURFACE ELEVATION START DATE: 30-Apr-10

END DATE: 30-Apr-10

DATUM:

TYPE OF DRILL RIG:

Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore

AUGER SIZE AND TYPE: OVERBURDEN SAMPLING METHOD: Direct Push

NA

MFP

INSIDE DIAMETER: 1.8-inch

OTHER:

XRF DEPTH (FEET PID / FID FIELD SCREEN SAMPLE FIELD (PPM) SAMPLE STRATA **SCREEN RECOVERY** SAMPLE NO. AND CHANGE VISUAL CLASSIFICATION (PPM) (FEET) DEPTH (FEET) 0 Blind probe through Test Pit TP-9 to install well GPMW-20 0 0 2 0 4 0 0 6 0 0 8 0 10 0 12 0 14 0

16									
				DEPTH (FT)		NOTES:			
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED				
					no				

#### **GENERAL NOTES**

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

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

c - coarse m = medium

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING: GP-20



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-21** 

SHEET OF 1 JOB: 209288

CHKD BY:

1240

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME:

ТО

DRILLER: J. Agar

GROUND SURFACE ELEVATION

DATUM:

1305

1

LABELLA REPRESENTATIVE:

MFP

START DATE: 30-Apr-10

END DATE:

30-Apr-10

DRIVE SAMPLER TYPE: Macrocore

TYPE OF DRILL RIG: Track Mounted Geoprobe 54LT INSIDE DIAMETER: 1.8-inch AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

ОЕРТН (FEET)		SAMPLE		STRATA CHANGE VISUAL CLASSIFICATION			PID / FID FIELD	LD (PPM)					
DEPTH	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SIFICATION	SCREEN (PPM)						
0	3.2			Brown SILT and	mf angular GRAVE	L, little f Sand, moist, no odor	0						
		1'											
2			2.7	Brown SILT, little	e f Sand, moist, no c	odor	0						
		3'					0						
4	1.8						0						
		5'	4.5	Brown SILT, little	e f Sand, trace f ang	ular Gravel, moist, no odor	0						
6							0						
							0						
8	3.6	9'											
		9					0						
10							0						
		11'											
12				Refusal at 11.8	ft bgs		0						
							0						
14							0						
40													
16	1			DEPTH (FT)		NOTES:		<u> </u>				$\Box$	
	WATER	LEVEL DATA	BOTTOM OF		GROUNDWATER								

#### DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED 11.8 no

#### **GENERAL NOTES**

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

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

c - coarse m = medium ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-23** 

SHEET 1 OF JOB: 209288

CHKD BY:

1320

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME: DATUM: ТО

1

1405

DRILLER: J. Agar

LABELLA REPRESENTATIVE:

MFP

GROUND SURFACE ELEVATION START DATE: 30-Apr-10

END DATE:

30-Apr-10

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: Track Mounted Geoprobe 54LT

NA

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

(FEET)		SAMPLE					PID / FID FIELD		FIE	XRF LD SCR (PPM)	EEN	
DЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)					
0	3.2			GRAVEL								
0	3.2		0.5		e f Sand, moist, no	odor	0					
		1'		,	, , , , ,							
2							0					
		3'					0					
4							0					
	1.5		4.0	Brown to Gray S no odor	ilt, little f Sand, trac	e f angular Gravel, moist,						
		5'		no odoi			0					
							-					
6							0					
		7'					0					
8							0					
8	3.6											
							0					
10							0					
		11'										
		11										
12												
				Refusal at 11.8	ft bgs		0					
							0					
14							0					
							U					
16												
10	l			DEPTH (FT)		NOTES:	l	1	1			
	WATER	LEVEL DATA	BOTTOM OF		GROUNDWATER							
<b>H</b>	1			1 - 5 5 61								

#### **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

11.8

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536 BORING: GP-23

SHEET 1 OF **JOB:** 209288

CHKD BY: --

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

TIME: DATUM: 1415

1450

ТО

1

DRILLER: J. Agar

LABELLA REPRESENTATIVE: MFP

GROUND SURFACE ELEVATION

START DATE: 30-Apr-10

END DATE:

30-Apr-10

Apr-10

TYPE OF DRILL RIG:

Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push

INSIDE DIAMETE

OTHER:

(FEET)		SAMPLE					PID / FID FIELD		FIE	XRF LD SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SIFICATION	SCREEN (PPM)					
_												
0	1.5			GRAVEL	- 4 01	4						
		1'	0.5	Brown SILI, little	e f Sand, moist, no o	dor	0					
							0					
2												
							0					
4							0					
	2.2	4'	4.0	Brown to Grav S	Silt, little f Sand, trace	e f angular Gravel, moist,	U					
				no odor	,	3 , ,						
							0					
6		6'										
							0					
							0					
8							<u> </u>					
	3.1	9'										
							0					
10							0					
10							0					
		11'										
12												
				Refusal at 11.8	tt bgs		0					
							0					
14												
							0					
16												
10				DEPTH (FT)		NOTES:	<u> </u>	1				
	WATER LEVEL DATA BOTTOM C				GROUNDWATER							
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED							

# **GENERAL NOTES**

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

11.8

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

and = 35 to 50 % some = 20 to 35% little = 10 to 20% trace = 1 to 10% c - coarse m = medium

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-24** 

SHEET 1 OF JOB:

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: TREC Environmental, Inc,

BORING LOCATION:

1500 ТО

1530

1

DRILLER: J. Agar

GROUND SURFACE ELEVATION

DATUM:

209288

XRF

LABELLA REPRESENTATIVE:

MFP

NA

START DATE: 30-Apr-10

END DATE:

30-Apr-10

TYPE OF DRILL RIG:

Ê

Track Mounted Geoprobe 54LT

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

AUGER SIZE AND TYPE: OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

ОЕРТН (РЕЕТ	SAMPLE	SAMPLE	STRATA CHANGE		VICUAL CLAS	COLFIGATION	PID / FID FIELD SCREEN	FIE	LD SCRI (PPM)	EEN	
DEF	RECOVERY (FEET)	SAMPLE NO. AND DEPTH	(FEET)		VISUAL CLAS	SSIFICATION	(PPM)				
			,								
0	1.5			GRAVEL							
		1'	0.5	Brown SILI, little	e f Sand, moist, no	odor	0				
		'									
							0				
2											
							0				
4							0				
	2.2	4'	4.0		Silt, little f Sand, trac	e f angular Gravel, moist,					
				no odor			0				
							0				
6		6'									
							0				
							0				
8							0				
	3.1	9'						 			
							0				
10							0				
		11'									
12											
12				Refusal at 11.8	ft bas		0	 			
							-				
14							0				
14							0				
40											
16				DEPTH (FT)		NOTES:					
	)A/ATES	LEVEL DATA			ODOLINDVA ATTE						
		LEVEL DATA	BOTTOM OF		GROUNDWATER						
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED	-					
	1		1	44.0	1	1					

# GENERAL NOTES

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

11.8

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

and = 35 to 50 %

little = 10 to 20%

c - coarse m = medium

f = fine

no

ND = Non Detect BGS = Below the Ground Surface

some = 20 to 35% trace = 1 to 10%

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-29** 

SHEET 1 OF JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

OVERBURDEN SAMPLING METHOD: [140# Hammer

BORING LOCATION:

TIME:

1100

ТО 1135 1

DRILLER: S. Loranty LABELLA REPRESENTATIVE:

MFP

START DATE: 25-Oct-10

GROUND SURFACE ELEVATION

END DATE:

DATUM: 25-Oct-10

DRIVE SAMPLER TYPE: Macrocore

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: CME 85 NA

INSIDE DIAMETER: 1.8-inch

OTHER:

(FEET)		SAMPLE					PID / FID FIELD		FIEI	XRF LD SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)					
				AODUALT								
0	3.1	0.5'	0.2	ASPHALT Gravel Sub-base			0					
			0.5	Brown SILT and	mf angular Gravel,							
		1'	1.5	Brown SILT, little	f Sand and mf and	jular Gravel, moist, no odor						
2							0					
		3'					0					
4							0					
	3.5											
		5'										
							0					
6												
						0						
		7'										
							0					
8							0					
	2.0											
							0					
				some weathered	bedrock at bottom	of core						
10		10'		oomo maanoraa	Douroux at Dotto	5. 55.5	0					
12												
				Refusal at 10 ft	bgs							
14												
16												
		·		DEPTH (FT)	- I	NOTES:						7
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF								
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED							
	1			ı — — — — — — — — — — — — — — — — — — —	ı — — — — — — — — — — — — — — — — — — —	1						

# **GENERAL NOTES**

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

10

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

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

c - coarse m = medium

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-30** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME: DATUM: 1140

1200

ТО

1

DRILLER: S. Loranty LABELLA REPRESENTATIVE:

MFP

GROUND SURFACE ELEVATION START DATE: 25-Oct-10

END DATE:

25-Oct-10

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: CME 85 NA

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: [140# Hammer

OTHER:

(FEET)		SAMPLE			PID / FID FIELD	FIE	XRF LD SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	SCREEN (PPM)			Γ	
0	2.8			ASPHALT					
		0.5'		Gravel Sub-base Brown SILT, little f Sand and mf angular Gravel, moist, no odor	0				
2		1.5'			0				
		2.5'			0				
4					0				
	3.5								
6		6'			0				
		O	7.2	Brown mf SAND, little Silt, saturated, no odor	0				
8					0				
0	0.2	8'		Refusal at 8.2 ft bgs	0				
				-					
10					0				
12						 			
14									
16				DEPTH (FT) NOTES:					
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF GROUNDWATER					

# **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

10

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536 BORING: GP-31

SHEET 1 OF **JOB: 209288** 

CHKD BY: --

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

GROUND SURFACE ELEVATION

TIME: DATUM: 1225

TO 1245

1

DRILLER: S. Loranty

LABELLA REPRESENTATIVE:

MFP START DATE: 25-Oct-10

END DATE:

OTHER:

25-Oct-10

TYPE OF DRILL RIG: CME 85 DRIV
AUGER SIZE AND TYPE: NA INSI

OVERBURDEN SAMPLING METHOD: £140# Hammer

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

ОЕРТН (FEET)		SAMPLE					PID / FID FIELD		FIE	XRF LD SCRI (PPM)	EEN	
DEPTH	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)					
0	3.2			ASPHALT								
	3.2	0.5'	0.2 0.5	Gravel Sub-base		ular Gravel, moist, no odor	0					
		1.5'					0					
2		1.5					0					
		2.5'					0					
4							0					ļ
	3.5	4'										
							0					
_				L								
6			6.0	Brown SILT and	f SAND, some mf a	ingular Gravel, wet, no odor	0					
		7'										
8							0					
	0.2	8'										
				Refusal at 8.3 ft	t bgs		0					
10							0					
12												
4.4												
14												
16												
	· · · · · · · · · · · · · · · · · · ·			DEPTH (FT)		NOTES:	ı	l .	L	1	L	
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER							
1	1	1	1	1	1	i						

# **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

8.3

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-32** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME:

1255 ТО

DRILLER: S. Loranty LABELLA REPRESENTATIVE:

MFP

GROUND SURFACE ELEVATION START DATE: 25-Oct-10

END DATE:

DATUM:

1315

XRF

1

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

25-Oct-10

CME 85 DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch NA

OVERBURDEN SAMPLING METHOD: [140# Hammer OTHER:

(FEET)		SAMPLE					PID / FID FIELD		FIE	XRF LD SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)					
0	2.9	0.5'	0.2 0.5	ASPHALT Gravel Sub-base		ular Gravel, moist, no odor	0					
2		1.5'	0.5	BIOWIT SILT, IIII	r Sand and mir ang	ulai Gravel, illoist, no odol	0					
		2.5'					0					
4	3.0						0					
6		6'	6.0	Brown SILT and	rown SILT and f SAND, some mf angular Gravel, wet, no odor							
8	2.0						0					
10		10'		Refusal at 10 ft	bgs		0					
12								-				
14												
16				DEDTH (ET)		NOTES:						
	WATER	LEVEL DATA	BOTTOM OF	DEPTH (FT) BOTTOM OF	GROUNDWATER	NOTES:						

# **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

10

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-33** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME:

1327

1350

XRF

ТО

1

DRILLER: S. Loranty LABELLA REPRESENTATIVE:

MFP

START DATE: 25-Oct-10

GROUND SURFACE ELEVATION

END DATE:

DATUM:

TYPE OF DRILL RIG:

CME 85

DRIVE SAMPLER TYPE: Macrocore

25-Oct-10

AUGER SIZE AND TYPE: INSIDE DIAMETER: 1.8-inch NA OVERBURDEN SAMPLING METHOD: [140# Hammer OTHER: SAMPLE

(FEET)		SAMPLE			PID / FID FIELD		FIE	XRF LD SCRI (PPM)	ΞEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	SCREEN (PPM)					
0	2.5	0.5'		ASPHALT Gravel Sub-base	0					
2		1.5'	0.5	Brown SILT, little f Sand and mf angular Gravel, moist, no odor	0					
_		2.5'			0					
4	1.5				0					
		5'			0					
6			6.0	Brown SILT and f SAND, some mf angular Gravel, wet, no odor	0					
8	2.1				0					
	2.1				0					
10		10'		Refusal at 10.1 ft bgs	0					
12										
14										
16						l	l	1 '	1 1	

10									
				DEPTH (FT)		NOTES:			
	WATER	LEVEL DATA	воттом оғ	воттом оғ	GROUNDWATER				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED				
				10.1	no				

# **GENERAL NOTES**

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

and = 35 to 50 % some = 20 to 35% little = 10 to 20%

c - coarse m = medium ND = Non Detect BGS = Below the Ground Surface

trace = 1 to 10% f = fine

NA = Not Applicable

BORING: **GP-33** 



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-34** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

GROUND SURFACE ELEVATION

TIME: DATUM: 1400

1415

DRILLER: S. Loranty LABELLA REPRESENTATIVE:

OVERBURDEN SAMPLING METHOD: [140# Hammer

MFP START DATE: 25-Oct-10 END DATE:

25-Oct-10

то

1

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

CME 85

NA

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OTHER:

XRF DEPTH (FEET PID / FID FIELD SCREEN SAMPLE FIELD (PPM) SAMPLE STRATA **SCREEN** RECOVERY SAMPLE NO. AND VISUAL CLASSIFICATION CHANGE (PPM) (FEET) DEPTH (FEET) 0 2.8 ASPHALT 0.5' 0.2 Gravel Sub-base 0 Brown SILT, little f Sand and mf angular Gravel, moist, no odor 0.5 1.5' 0 2 2.5' 0 4 0 2.2 5' 0 6 0 0 8 1.0 0 9' 10 0 Refusal at 9 ft bgs 12 14 16 DEPTH (FT) NOTES: WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER

# **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

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

and = 35 to 50 % some = 20 to 35%

little = 10 to 20% trace = 1 to 10%

CASING

c - coarse m = medium

ENCOUNTERED no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-35** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME: DATUM: 1405

1435

1

DRILLER: S. Loranty

START DATE: 25-Oct-10

GROUND SURFACE ELEVATION

то

LABELLA REPRESENTATIVE:

MFP

END DATE:

OTHER:

25-Oct-10

DRIVE SAMPLER TYPE: Macrocore

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

CME 85 NA

INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: [140# Hammer

XRF DEPTH (FEET PID / FID FIELD SCREEN SAMPLE FIELD (PPM) SAMPLE STRATA **SCREEN** RECOVERY SAMPLE NO. AND VISUAL CLASSIFICATION CHANGE (PPM) (FEET) DEPTH (FEET) 0 2.5 ASPHALT 0.5' 0.2 Gravel Sub-base 0 Brown SILT, little f Sand and mf angular Gravel, moist, no odor 0.6 1.5' 0 2 2.5' 0 4 0 3.0 5' 0 6 0 0 8 0.5 8.5 0 10 0 Refusal at 8.5 ft bgs 12 14 16

DEPTH (FT) NOTES: WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER DATE TIME ELAPSED TIME BORING ENCOUNTERED **CASING** 8.5 no

# **GENERAL NOTES**

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

and = 35 to 50 % some = 20 to 35%

little = 10 to 20% trace = 1 to 10%

c - coarse m = medium

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-36** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

OVERBURDEN SAMPLING METHOD: [140# Hammer

BORING LOCATION:

TIME: DATUM: 1255 ТО

1328

1

DRILLER: S. Loranty

LABELLA REPRESENTATIVE:

MFP START DATE: 25-Oct-10 END DATE:

25-Oct-10

DRIVE SAMPLER TYPE: Macrocore

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: CME 85 NA

GROUND SURFACE ELEVATION

INSIDE DIAMETER: 1.8-inch

OTHER:

(FEET)		SAMPLE					PID / FID FIELD		FIEI	XRF LD SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)					
0	1.8	0.51		ASPHALT								
		0.5'	0.2 0.8	Gravel Sub-base		mf angular Gravel, moist, no odor	0					
			0.6	Blown-Gray GIL	i, iittie i Sand and	m angular Graver, moist, no odor						
		1.5'					0					
2												
							0					
4							0					
	3.2											
		5'					0					
6												
0							0					
		7'										
							0					
8												
	0.2	8'					0					
							0					
10							0					
				Refusal at 8.2 ft	bgs							
12												
14												
16												
				DEPTH (FT)	I	NOTES:						
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER							
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED							
					, , , , , , , , , , , , , , , , , , ,	1						

# **GENERAL NOTES**

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

8.2

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

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

c - coarse m = medium

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-37** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME:

1520

1600

XRF

1

DRILLER: S. Loranty LABELLA REPRESENTATIVE:

MFP

GROUND SURFACE ELEVATION START DATE: 25-Oct-10

END DATE:

DATUM:

ТО

CME 85

DRIVE SAMPLER TYPE: Macrocore

25-Oct-10

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: [140# Hammer OTHER:

(FEET)		SAMPLE					PID / FID FIELD	FIEI	XRF LD SCR (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)				
				ACRIALT							
0	2.9	0.5'	0.2	ASPHALT Gravel Sub-base	<u> </u>		0				
		0.0	0.6	Brown SILT, little	, e f Sand and mf ang	jular Gravel, moist, no odor	- 0				
2		1.5'					0				
		2.5'					0				
4							0				
	2.2							 			
		5'					0				
6											
							0				
							0				
8											
	1.2										
		9.3'					0				
		0.0									
10							0				
				Refusal at 9.3 ft	bgs						
12								 			
l							_				
14											
16											
16				DEPTH (FT)		NOTES:		 l		l	
	WATER	LEVEL DATA	BOTTOM OF		GROUNDWATER						
-	WAIEN	LL VLL DAIA	DOT TOW OF	DOT TOWN OF	CHOUNDWATER						

# **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

9.3

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-38** 

SHEET OF 1 JOB:

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

DRILLER:

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME:

0815 ТО

209288

GROUND SURFACE ELEVATION

END DATE:

DATUM:

0840

1

S. Loranty LABELLA REPRESENTATIVE:

MFP

START DATE: 26-Oct-10

26-Oct-10

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

CME 85 NA

DRIVE SAMPLER TYPE: Macrocore

INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: [140# Hammer OTHER:

ОЕРТН (FEET)		SAMPLE					PID / FID FIELD	FIE	XRF LD SCR (PPM)	EEN	
DEPTH	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)				
0	1.5	0.5'		ASPHALT Gravel Sub-base Brown SILT, little		ular Gravel, moist, no odor	0				
2		1.5'					0				
4	3.2	4'					0				
6							0				
		7'					0				
8	2.1						0	 			
10		10'		weathered bedro	ock at bottom of core	e	0				
12				Refusal at 11.1							
14				To a de la							
17											
16				DEPTH (FT)		luotto					
	WATER	WATER LEVEL DATA BOTTOM (			GROUNDWATER	NOTES:					
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER						

# **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

11.1

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-39** 

SHEET 1 OF JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

Ê

CONTRACTOR: Nothnagle Drilling BORING LOCATION: TIME:

0850 ТО

DRILLER: S. Loranty

GROUND SURFACE ELEVATION

DATUM:

0910

XRF

1

LABELLA REPRESENTATIVE:

MFP

START DATE: 26-Oct-10

END DATE:

26-Oct-10

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: CME 85

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

NA OVERBURDEN SAMPLING METHOD: [140# Hammer OTHER:

ОЕРТН (FEET	SAMPLE RECOVERY	SAMPLE SAMPLE NO. AND	STRATA CHANGE		VISUAL CLAS	SSIFICATION	PID / FID FIELD SCREEN (PPM)		FIE	LD SCRI (PPM)	EEN	
吕	(FEET)	DEPTH	(FEET)			561671.1611	()					
0	3.0	0.5'	0.2	ASPHALT Gravel Sub-base Brown SILT, little		gular Gravel, moist, no odor	0					
2		1.5'					0					
		2.5'					0					
4							0					
	3.1	4'					-					
							0					
6							0					
		7'					U					
8							0					
	2.1			As above, satura	ated							
							0					
10		10'					0					
12												
12				Refusal at 10.5	ft bgs			<u> </u>				
1												
14												
1												
1												
16				DEPTH (FT)		NOTES:				l		
	WATER	LEVEL DATA	BOTTOM OF		GROUNDWATER							
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED							
DATE	1 IIVIE		CASING	10.5	no	-						
<del></del>			ļ	10.5	ΠU	<u> </u>						

# GENERAL NOTES

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

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

c - coarse m = medium ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536 BORING: GP-40

SHEET 1 OF **JOB: 209288** 

CHKD BY: --

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME:

0930

TO 0950

1

DRILLER: S. Loranty
LABELLA REPRESENTATIVE:

: MFP

GROUND SURFACE ELEVATION START DATE: 26-Oct-10

END DATE:

DATUM: 26-Oct-10

XRF

TYPE OF DRILL RIG:

CME 85

DRIVE SAMPLER TYPE: Macrocore

INSIDE DIAMETER: 1.8-inch
OTHER:

AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: £140# Hammer

DEPTH (FEET PID / FID FIELD SCREEN SAMPLE FIELD (PPM) SAMPLE STRATA **SCREEN** RECOVERY SAMPLE NO. AND VISUAL CLASSIFICATION CHANGE (PPM) (FEET) DEPTH (FEET) 0 ASPHALT 1.6 0.5' 0.2 Gravel Sub-base 0 Brown SILT, little f Sand and mf angular Gravel, moist, no odor 0.6 1.5' 0 2 0 4 0 0.8 4.5 0 6 0 0 8 0.5 As above, saturated 0 10 0 Refusal at 9.6 ft bgs 12 14 16 DEPTH (FT) NOTES:

# GENERAL NOTES

TIME

DATE

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

BOTTOM OF

BORING

9.6

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

and = 35 to 50 % some = 20 to 35%

WATER LEVEL DATA

ELAPSED TIME

little = 10 to 20% trace = 1 to 10%

BOTTOM OF

**CASING** 

c - coarse m = medium

GROUNDWATER

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-41** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME:

0955 ТО

DRILLER: S. Loranty

GROUND SURFACE ELEVATION

DATUM:

1015

XRF

1

LABELLA REPRESENTATIVE:

MFP

START DATE: 26-Oct-10

END DATE:

26-Oct-10

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: CME 85 NA

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: [140# Hammer OTHER:

(FEET)		SAMPLE					PID / FID FIELD	FIEI	XRF LD SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)				
0	1.6	0.5'		Gravel Sub-base		jular Gravel, moist, no odor	0				
2		1.5'					0				
		2.5'					0				
4	0.8						0				
							0				
6		6'					0				
							0				
8	0.5	8'		As above, satura	ited		0				
10							0				
				Refusal at 9.7 ft	bgs						
12								 			
14											
16											
-				DEPTH (FT)	T	NOTES:					
5.77		LEVEL DATA	BOTTOM OF		GROUNDWATER						
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED	-					

# **GENERAL NOTES**

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

9.7

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

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

c - coarse m = medium

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

GROUND SURFACE ELEVATION

BORING: **GP-42** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME: DATUM: 1030

1050

1

DRILLER: S. Loranty LABELLA REPRESENTATIVE:

OVERBURDEN SAMPLING METHOD: [140# Hammer

MFP START DATE: 26-Oct-10 END DATE:

26-Oct-10

ТО

TYPE OF DRILL RIG:

CME 85

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

AUGER SIZE AND TYPE:

NA

OTHER:

(FEET)		SAMPLE					PID / FID FIELD		FIEI	XRF LD SCRI (PPM)	ΞEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)					
0	1.6			Gravel Sub-base								
0	1.0	0.5'		Graver Sub-base	<del>2</del>		0				$\vdash$	
			1.5	Brown SILT, little	e f Sand and mf ang	jular Gravel, moist, no odor						
2		1.5'					0				$\vdash \vdash$	
2											$\vdash$	
		2.5'					0					
4							0				$\vdash \vdash \vdash$	
4	0.8			<b></b>			U	ļ			}	
		5'					0					
											<b> </b>	
6							0				$\vdash \vdash \vdash$	
							0					
							0				<b> </b>	
8	0.5										<del> </del>	
	0.0						0					
		9.5'										
40											<b> </b>	
10							0					
				Refusal at 9.7 ft	t bgs							
					-							
40											<b> </b>	
12											<del> </del>	
											igwdapprox igwedge	
14											$\vdash \vdash \vdash$	
											$\Box$	
10												
16				DEPTH (FT)		NOTES:					لــــــا	
	14/4	. 5. 5. 5. 5.	DOTTOM	1	000111101111							
-	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER							

# **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

9.7

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-43** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

OVERBURDEN SAMPLING METHOD: [140# Hammer

BORING LOCATION:

TIME: DATUM: 1100

1120

1

DRILLER:

LABELLA REPRESENTATIVE:

S. Loranty

MFP

START DATE: 26-Oct-10

GROUND SURFACE ELEVATION

END DATE:

26-Oct-10

ТО

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: CME 85

NA

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OTHER:

(FEET)		SAMPLE					PID / FID FIELD	FIE	XRF LD SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)				
0	1.6	0.5'		Gravel Sub-base	•		0				
		0.0					Ü				
2							0				
2											
		2.5'					0				
4							0				
1	2.1	4'		Brown SILT, little	f Sand and mf and	ular Gravel, moist, no odor	0	 			
						,					
							0				
6		6'									
		O					0				
8							0				
	0.1	8.1'		Refusal at 8.1 ft	bgs			 			
							0				
10							0				
							Ü				
12											
14											
							-				
16											
	1			DEPTH (FT)		NOTES:		l .	l .	l .	
	WATER	LEVEL DATA	BOTTOM OF		GROUNDWATER						
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED						
D, til	11111	LD II OLD TIME	0,101110	DOMINO		1					

# **GENERAL NOTES**

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

8.1

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

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

c - coarse m = medium

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-44** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME:

1130 ТО

1150

1

DRILLER: S. Loranty

GROUND SURFACE ELEVATION

END DATE:

DATUM:

LABELLA REPRESENTATIVE:

TYPE OF DRILL RIG:

MFP

CME 85

START DATE: 26-Oct-10

26-Oct-10

DRIVE SAMPLER TYPE: Macrocore

AUGER SIZE AND TYPE: NA INSIDE DIAMETER: 1.8-inch OVERBURDEN SAMPLING METHOD: [140# Hammer OTHER:

XRF DEPTH (FEET PID / FID FIELD SCREEN SAMPLE FIELD (PPM) SAMPLE STRATA **SCREEN RECOVERY** SAMPLE NO. AND CHANGE VISUAL CLASSIFICATION (PPM) (FEET) DEPTH (FEET) 0 1.5 ASPHALT 0.5' 0.2 Gravel Sub-base 0 0 2 0 4 0 2.2 Brown SILT, little f Sand and mf angular Gravel, moist, no odor 0 6 6' 0 0 8 0.5 8.5' As above, saturated 0 10 0 12 Refusal at 10.2 ft bgs 14 16 NOTES: DEPTH (FT)

	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED
				10.2	

# **GENERAL NOTES**

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

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

c - coarse m = medium

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-45** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME: DATUM: 1225

1255

1

DRILLER: S. Loranty LABELLA REPRESENTATIVE:

MFP

START DATE: 26-Oct-10

GROUND SURFACE ELEVATION

END DATE:

26-Oct-10

ТО

TYPE OF DRILL RIG:

CME 85

DRIVE SAMPLER TYPE: Macrocore

AUGER SIZE AND TYPE:

NA

INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: [140# Hammer

OTHER:

(FEET)		SAMPLE					PID / FID FIELD	FIEI	XRF LD SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)				
	4.0			A O DULA L T							
0	1.9	0.5'	0.2	ASPHALT Gravel Sub-base	)		0				
		1.5'									
2			1.5	Brown SILT, little	ef Sand and mf ang	gular Gravel, moist, no odor	0				
_											
							0				
							_				
4	2.4	4'					0	 			
							0				
6		6'					_				
							0				
8							0				
	1.3						0				
		9'					0				
10							0				
10							U				
12				Refusal at 10.7	ft has			 			
14											
16											
	ı			DEPTH (FT)	T	NOTES:			1		
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER						

# **GENERAL NOTES**

TIME

DATE

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

BORING

10.7

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

and = 35 to 50 % some = 20 to 35%

ELAPSED TIME

little = 10 to 20% trace = 1 to 10%

CASING

c - coarse m = medium

ENCOUNTERED

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-46** 

SHEET 1 OF JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME: DATUM: 1310

1340

1

DRILLER: S. Loranty LABELLA REPRESENTATIVE:

MFP

START DATE: 26-Oct-10

GROUND SURFACE ELEVATION

END DATE:

26-Oct-10

ТО

XRF

CME 85

DRIVE SAMPLER TYPE: Macrocore

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: INSIDE DIAMETER: 1.8-inch NA OVERBURDEN SAMPLING METHOD: [140# Hammer OTHER:

(FEET)		SAMPLE					PID / FID FIELD	FIEI	XRF LD SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)				
0	1.9	0'		Brown SILT, little	e f Sand and mf ang	ular Gravel, moist, no odor					
							0				
		1'					0				
2		3'									
							0				
4							0				
'	2.4							 			
		5'					0				
6											
					0						
					0						
8	1.3							 			
							0				
10							0				
		11'		weathered bedro	ock at 10.2-10.5 ft b	gs					
12				Refusal at 11.1	ft bas						
14											
14											
16						<u> </u>					
				DEPTH (FT)		NOTES:					
	WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER										
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED						

# GENERAL NOTES

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

11.1

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

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

c - coarse m = medium ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-47** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME:

1350

ТО 1420

XRF

1

DRILLER: S. Loranty

END DATE:

DATUM:

LABELLA REPRESENTATIVE:

Ê

MFP

START DATE: 26-Oct-10

GROUND SURFACE ELEVATION

26-Oct-10

TYPE OF DRILL RIG: CME 85 DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: [140# Hammer OTHER:

ОЕРТН (FEET	SAMPLE	SAMPLE	STRATA				PID / FID FIELD SCREEN	FIEI	LD SCRI (PPM)	EEN	
)EP	RECOVERY (FEET)	SAMPLE NO. AND DEPTH	CHANGE (FEET)		VISUAL CLAS	SSIFICATION	(PPM)				
0	3.5	0'		Topsoil	of Sand and mf and	jular Gravel, moist, no odor	0				
		1'	0.2	5.6 6.2.,		Jan. C. a. roj, 11. dag.					
2		3'					0				
							0				
4	3.3	4'					0	 			
6							0				
		7'				0					
8						0					
	3.2						0				
10				weathered bedro	ock at 11 ft bgs		0				
		11'			· ·						
12				Refusal at 11.1	ft bgs						
14											
40											
16				DEPTH (FT)		NOTES:					L
	WATER LEVEL DATA BOTTOM OF				GROUNDWATER						
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED						

# **GENERAL NOTES**

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

11.1

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

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

c - coarse m = medium

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-48** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

TYPE OF DRILL RIG:

Ê

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME:

0745

ТО 0805

DRILLER: S. Loranty

GROUND SURFACE ELEVATION

END DATE:

DATUM:

XRF

1

LABELLA REPRESENTATIVE:

MFP

CME 85

START DATE: 27-Oct-10

27-Oct-10

DRIVE SAMPLER TYPE: Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: 1.8-inch NA

OVERBURDEN SAMPLING METHOD: [140# Hammer OTHER:

DEPTH (FEET	SAMPLE	SAMPLE	STRATA		VICILAL CLAS		PID / FID FIELD SCREEN		FIE	LD SCRI (PPM)	EEN	
DEF.	RECOVERY (FEET)	SAMPLE NO. AND DEPTH	CHANGE (FEET)		VISUAL CLAS	SSIFICATION	(PPM)		1			
0	3.0	0'		Topsoil Brown SILT, little	ef Sand and mf ang	ular Gravel, moist, no odor	0					
		1'					0					
2		3'										
							0					
4	2.9						0					
							0					
6		6'					0					
							0					
8	2.5											
							0					
10		10.5					0					
12				Refusal at 10.6	ft bgs							
14												
16				DEPTH (FT)		NOTES:		<u> </u>	<u> </u>			
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER							
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED							

# **GENERAL NOTES**

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

10.6

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

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

c - coarse m = medium

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-49** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME:

0810

ТО 0820 1

DRILLER: S. Loranty LABELLA REPRESENTATIVE:

MFP

START DATE: 27-Oct-10

GROUND SURFACE ELEVATION

END DATE:

DATUM:

27-Oct-10

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: CME 85 NA

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: [140# Hammer

OTHER:

(FEET)		SAMPLE			PID / FID FIELD	FIEI	XRF _D SCRI (PPM)	EEN	
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	SCREEN (PPM)				
0	3.0	0'	0.2	Topsoil Brown SILT, little f Sand and mf angular Gravel, moist, no odor	0				
		1'			0				
2		3'			0				
					0				
4	1.7				0				
		51			0				
6		5'			0				
8	2.1				0	 			
					0				
10		10'			0			<u> </u>	
12				Refusal at 10.1 ft bgs		 			
				Refusal at 10.1 it bys					
14									
16									
	\A/A===	LEVEL DATA	BOTTOM OF	DEPTH (FT) NOTES:  BOTTOM OF GROUNDWATER					

# **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

10.1

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-50** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME:

0830 то

0840

XRF

1

DRILLER: S. Loranty

MFP START DATE: 27-Oct-10

DATUM:

LABELLA REPRESENTATIVE:

GROUND SURFACE ELEVATION

27-Oct-10

TYPE OF DRILL RIG:

CME 85 NA

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OTHER:

END DATE:

AUGER SIZE AND TYPE: OVERBURDEN SAMPLING METHOD: [140# Hammer

DEPTH (FEET PID / FID FIELD SCREEN SAMPLE FIELD (PPM) SAMPLE STRATA **SCREEN** RECOVERY SAMPLE NO. AND CHANGE VISUAL CLASSIFICATION (PPM) (FEET) DEPTH (FEET) 0 3.0 0' Topsoil 0.2 Brown SILT, little f Sand and mf angular Gravel, moist, no odor 0 0 2 3' 0 4 0 2.3 0 6 6' 0 0 8 1.1 0 9' 10 0 12 Refusal at 9.5 ft bgs 14 16 DEPTH (FT) NOTES:

# **GENERAL NOTES**

TIME

DATE

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

BOTTOM OF

BORING

9.5

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

and = 35 to 50 % some = 20 to 35%

WATER LEVEL DATA

ELAPSED TIME

little = 10 to 20% trace = 1 to 10%

BOTTOM OF

CASING

c - coarse m = medium

GROUNDWATER

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-51** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

OVERBURDEN SAMPLING METHOD: [140# Hammer

BORING LOCATION:

TIME:

0845

ТО 0905 1

DRILLER: S. Loranty

MFP LABELLA REPRESENTATIVE:

START DATE: 27-Oct-10

GROUND SURFACE ELEVATION

END DATE:

DATUM:

TYPE OF DRILL RIG:

CME 85

DRIVE SAMPLER TYPE: Macrocore

27-Oct-10

AUGER SIZE AND TYPE:

NA

INSIDE DIAMETER: 1.8-inch

OTHER:

(FEET)		SAMPLE					PID / FID FIELD		FIE	XRF LD SCR (PPM)	EEN	
<b>DEPTH (FEET)</b>	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)					
0	2.5	0'		Brown CILT little	of Cand and mf and	ular Craval maint no adar						
0	2.5	U		BIOWII SILI, IIIIIE	e i Sand and mi ang	ular Gravel, moist, no odor	0					
		1'					0					
2							0					
		2.5'										
							0					
4							0					
	2.5			sand seam from	42 F ft bao							
				Sand Seam nom	4.2-3 II bys		0					
6		6'					0					
							0					
8							0					
0	1.0											
							0					
		9'										
10							0					
12												
				Refusal at 9.5 ft	t bgs							
14												
16												
10	<u> </u>			DEPTH (FT)		NOTES:	l .				l	
	WATER	LEVEL DATA	BOTTOM OF		GROUNDWATER							
<b>—</b>			200111 01	200								

# **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

9.5

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536 BORING: GP-52

SHEET 1 OF **JOB:** 209288

CHKD BY: --

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

OVERBURDEN SAMPLING METHOD: [140# Hammer

BORING LOCATION:

TIME:

0915 TO

0935

1

DRILLER: S. Loranty
LABELLA REPRESENTATIVE:

TATIVE: MFP

START DATE: 27-Oct-10

GROUND SURFACE ELEVATION

END DATE: 2

DATUM:

10 0.

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

CME 85

NA

27-Oct-10

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OTHER:

(FEET)		SAMPLE					PID / FID FIELD		FIEI	XRF LD SCRI (PPM)	EEN	
<b>DEPTH (FEET)</b>	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)					
0	2.5	0'		Proug CII T little	of Sand and mf and	ular Gravel, moist, no odor						
0	2.5	U		DIOWIT SILT, IIII	e i Sanu anu iiii ang	ulai Gravei, moist, no odoi	0					
		1'					0					
2							- J					
							_					
		3'					0					
4	0.5						0					
	2.5											
							0					
		01										
6		6'					0					
8							0					
	1.0											
							0					
10		10'					0					
12												
				Refusal at 10.1	ft bgs							
14												
16												
10	L			DEPTH (FT)		NOTES:	I .	1				
	WATER	LEVEL DATA	BOTTOM OF		GROUNDWATER	1						
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED							
			5, 151110	10.1	no							

# GENERAL NOTES

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

and = 35 to 50 % some = 20 to 35% little = 10 to 20% trace = 1 to 10% c - coarse m = medium

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-53** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME: DATUM: 0945

1005

1

DRILLER: S. Loranty LABELLA REPRESENTATIVE:

MFP

GROUND SURFACE ELEVATION START DATE: 27-Oct-10

END DATE:

ТО

27-Oct-10

TYPE OF DRILL RIG: CME 85 DRIVE SAMPLER TYPE: Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: 1.8-inch NA

OVERBURDEN SAMPLING METHOD: [140# Hammer OTHER:

DEPTH (FEET)		SAMPLE					PID / FID FIELD		FIE	XRF LD SCRI (PPM)	EEN	
H.H.	SAMPLE RECOVERY	SAMPLE NO. AND	STRATA CHANGE		VISUAL CLAS	SSIFICATION	SCREEN (PPM)					
8	(FEET)	DEPTH	(FEET)									
0	1.0			Asphalt								
		0.5'		Grave sub-base			0					
			0.5	Brown SILI, little	et Sand and mt ang	gular Gravel, moist, no odor	0					
2							0					
							0					
4							0					
	2.5	4'										
							0					
6		6'					0					
							0					
8							0					
0	1.5											
							0					
		9.5'										
10		9.5					0					
12												
				Refusal at 9.5 ft	bgs							
14												
1												
16				DEDTH (ET)		NOTES:		<u> </u>		]		
<b>—</b>	\\\ATED	EVEL DATA		DEPTH (FT)	CDOLINDWATER							
		LEVEL DATA	BOTTOM OF		GROUNDWATER							
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED	4						

# **GENERAL NOTES**

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

9.5

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

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

c - coarse m = medium

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-54** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME:

1025

1040

1

DRILLER: S. Loranty

START DATE: 27-Oct-10

DATUM:

ТО

LABELLA REPRESENTATIVE:

MFP

GROUND SURFACE ELEVATION

END DATE:

27-Oct-10

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

CME 85 NA

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OVERBURDEN SAMPLING METHOD: [140# Hammer

OTHER:

(FEET)		SAMPLE			PID / FID FIELD		XRF FIELD SCREEN (PPM)					
DЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	SCREEN (PPM)							
_												
0				Backfill Material at AOC 7	0							
					0							
					0							
2												
					0							
					0							
4					0							
						<u> </u>						
					0							
6			6.0	Brown SILT, little f Sand and mf angular Gravel, moist, no odor								
				<b>3</b>	0							
8					0							
0	2.5	8'										
					0							
10					0							
		11.5'										
12						ļ						
				Refusal at 11.5 ft bgs		ļ						
						<b> </b>						
14												
						<u> </u>						
						$\vdash$						
16						<del>                                     </del>						
	1			DEPTH (FT) NOTES:	1			1				

# **GENERAL NOTES**

TIME

DATE

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

BOTTOM OF

BORING

11.5

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

and = 35 to 50 % some = 20 to 35%

WATER LEVEL DATA

ELAPSED TIME

little = 10 to 20% trace = 1 to 10%

BOTTOM OF

CASING

c - coarse m = medium

GROUNDWATER

ENCOUNTERED

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-55** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

OVERBURDEN SAMPLING METHOD: [140# Hammer

BORING LOCATION:

TIME: DATUM: 1125 ТО

1155

1

DRILLER: S. Loranty LABELLA REPRESENTATIVE:

MFP

GROUND SURFACE ELEVATION START DATE: 27-Oct-10

END DATE:

27-Oct-10

TYPE OF DRILL RIG:

CME 85

AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OTHER:

(FEET)		SAMPLE					PID / FID FIELD			
<b>DEPTH (FEET)</b>	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)			
				De al Cil Maria dal						
0				Backfill Material	at AOC 7		0			
							0			
							0			
2										
							0			
4							0	 	 	
							0			
6		5.5'	5.5	Brown SILT, little	ef Sand and mf ang	ular Gravel, moist, no odor	0			
							0			
							0			
8	2.5	8'						 	 	
	2.5	0					0			
10							0			
		11'								
12	<b></b>			Deferred et 44.0	# L			 <b> </b>	 <b> </b>	<b></b>
				Refusal at 11.0	π bgs					
14										
16	]					T				
				DEPTH (FT)	ı	NOTES:				
	WATER LEVEL DATA BOT		BOTTOM OF	BOTTOM OF	GROUNDWATER					

# **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

11.0

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-56** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

OVERBURDEN SAMPLING METHOD: [140# Hammer

BORING LOCATION:

TIME: DATUM: 1210

ТО

DRILLER: S. Loranty

GROUND SURFACE ELEVATION

1225

XRF

1

LABELLA REPRESENTATIVE:

MFP

START DATE: 27-Oct-10

END DATE:

27-Oct-10

DRIVE SAMPLER TYPE: Macrocore

TYPE OF DRILL RIG: CME 85 AUGER SIZE AND TYPE: NA

INSIDE DIAMETER: 1.8-inch

OTHER:

(FEET)		SAMPLE					PID / FID FIELD SCREEN (PPM)				EEN	
DEPTH (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)					
0				Backfill Material	at AOC 7							
				Dackiii Wateriai	at AOO 7		0					
							0					
2												
					0							
4												
4							0	<b></b>				
							0					
6												
			7.3	Danier CH T limbs	0							
			7.3	Brown SILT, little								
8	2.5	8'										
	2.0	O .					0					
10		10'					0					
							-					
12												
				Refusal at 10.0	ft bgs							
14												
14												
16												
				DEPTH (FT)		NOTES:				-		
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER							
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED							

# **GENERAL NOTES**

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

10.0

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

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

c - coarse m = medium

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-57** 

SHEET OF 1

JOB: 209288 CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

GROUND SURFACE ELEVATION

TIME: DATUM: 1225

1245

ТО

1

DRILLER: S. Loranty

LABELLA REPRESENTATIVE:

OVERBURDEN SAMPLING METHOD: [140# Hammer

MFP START DATE: 27-Oct-10 END DATE:

27-Oct-10

DRIVE SAMPLER TYPE: Macrocore

OTHER:

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

CME 85 NA

INSIDE DIAMETER: 1.8-inch

XRF DEPTH (FEET PID / FID FIELD SCREEN SAMPLE FIELD (PPM) SAMPLE STRATA **SCREEN** RECOVERY SAMPLE NO. AND CHANGE VISUAL CLASSIFICATION (PPM) (FEET) DEPTH (FEET) 0 Backfill Material at AOC 7 0 0 2 0 4 0 3.8 0 6 0 6.2 6.2 Brown SILT, little f Sand and mf angular Gravel, moist, no odor 0 8 2.1 0 10 0 11' 12 Refusal at 11.0 ft bgs 14 16

	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED
				11.0	no

# **GENERAL NOTES**

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

DEPTH (FT)

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

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

c - coarse m = medium ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

NOTES:

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-58** 

SHEET 1 OF JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

GROUND SURFACE ELEVATION

TIME: DATUM: 1300

1315

1

DRILLER: S. Loranty LABELLA REPRESENTATIVE:

OVERBURDEN SAMPLING METHOD: [140# Hammer

MFP START DATE: 27-Oct-10 END DATE:

27-Oct-10

ТО

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: CME 85

NA

DRIVE SAMPLER TYPE: Macrocore

INSIDE DIAMETER: 1.8-inch

OTHER:

(FEET)		SAMPLE					PID / FID FIELD SCREEN FIELD (PPM)					
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)					
			-									
0				Backfill Material	at AOC 7							
							0					
_							0					
2												
							0					
							U					
4							0					
	3.6						ŭ	<b></b>				·····
							0					
6												
							0					
_							0					
8		8'	8.0	OU # 1531		ular Gravel, moist, no odor		<b>-</b>				<b></b>
	3.5	8'	8.0	Brown SILT, little	et Sand and mt ang	jular Gravel, moist, no odor						
							0					
10		10'					0					
10		10					0					
		11.5'										
12												
				Refusal at 11.5	ft bgs							
								1				
14												
								1				
								-				
16								-				$\vdash$
10	1			DEPTH (FT)		NOTES:	1	1				
<b>-</b>												
	WATER LEVEL DATA BOTTOM OF			BOTTOM OF	GROUNDWATER							
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED							

# **GENERAL NOTES**

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

11.5

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

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

c - coarse m = medium

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-59** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

OVERBURDEN SAMPLING METHOD: [140# Hammer

BORING LOCATION:

TIME: DATUM: 1315

ТО 1330 1

DRILLER: LABELLA REPRESENTATIVE:

S. Loranty

GROUND SURFACE ELEVATION START DATE: 27-Oct-10

END DATE: 27-Oct-10

CME 85

MFP

DRIVE SAMPLER TYPE: Macrocore

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

INSIDE DIAMETER: 1.8-inch

OTHER:

(FEET)		SAMPLE					PID / FILD SCREEN FIELD (PPM)					
DEРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)					
0				Backfill Material	at AOC 7							
0				backilli Materiai	at AOC 7		0					
2							0					
_												
							0					
4							0					
	3.0		***************************************									
							0					
							0					
6		6'	6.0	Brown SILT, little	e f Sand and mf ang	ular Gravel, moist, no odor						
							0					
							0					
8	0.5	8.5'										
	0.5	8.5					0					
							0					
10							0					
		11.5'										
10												
12				Refusal at 9.5 ft	t bgs			<b>-</b>	<b> </b>		<b></b>	<b></b>
					ū							
14												
16												
	•			DEPTH (FT)		NOTES:						
	WATER LEVEL DATA BOTTOM OF			BOTTOM OF	GROUNDWATER							
1	1			1	1	I						

# **GENERAL NOTES**

TIME

ELAPSED TIME

DATE

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

BORING

9.5

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

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

CASING

c - coarse m = medium

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-60** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME:

1330

1350

1

DRILLER: S. Loranty

OVERBURDEN SAMPLING METHOD: [140# Hammer

GROUND SURFACE ELEVATION

END DATE:

DATUM:

ТО

XRF

LABELLA REPRESENTATIVE:

MFP

NA

CME 85

START DATE: 27-Oct-10

27-Oct-10

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OTHER:

ОЕРТН (FEET)		SAMPLE					PID / FID FIELD SCREEN FIELD (PPM)				EEN	
DEPTH	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)					
0				Backfill Material	at AOC 7							
							0					
2							0					
					0							
4							0					
4	0.5						0					
							0					
							U					
6							0					
							0					
							0					
8												
	2.0	8'		Brown SILT, little	e f Sand and mf and	gular Gravel, moist, no odor	0					
							-					
10		10'					0					
12												
12				Refusal at 10.5	ft bgs							
14												
16						1						
	\A/AT=5	1 E) (E) BATA		DEPTH (FT)	000111011147	NOTES:						
DATE		LEVEL DATA	BOTTOM OF		GROUNDWATER							
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED	-						

# **GENERAL NOTES**

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

10.5

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

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

c - coarse m = medium

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-61** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

TIME:

1400

ТО 1430 1

DRILLER: S. Loranty

GROUND SURFACE ELEVATION START DATE: 27-Oct-10

END DATE:

DATUM:

LABELLA REPRESENTATIVE:

MFP

27-Oct-10

TYPE OF DRILL RIG: CME 85 DRIVE SAMPLER TYPE: Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: 1.8-inch NA

OVERBURDEN SAMPLING METHOD: [140# Hammer OTHER:

DEPTH (FEET)		SAMPLE					PID / FID FIELD	XRF FIELD SCREEN (PPM)					
DEPTH	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)		I	I			
	, ,												
0				Backfill Material	at AOC 7		0						
							0						
2							0						
							0						
4	2.3						0	 		 			
	2.0												
							0						
6			5.7	Brown SILT, little	e f Sand and mf ang	ular Gravel, moist, no odor							
		6'				0							
							0						
8	3.5	8'						 					
	5.5	O					0						
10							0						
							-						
		11.5											
12				Betweel et 11.7	# b.e.s			 					
				Refusal at 11.7	it bys								
14													
''													
16						I							
				DEPTH (FT)		NOTES:							
		LEVEL DATA	BOTTOM OF		GROUNDWATER								
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED	-							

# **GENERAL NOTES**

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

11.7

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

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

c - coarse m = medium

no

ND = Non Detect BGS = Below the Ground Surface

f = fine

NA = Not Applicable

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536 BORING: GP-215

SHEET 1 OF **JOB: 209288** 

CHKD BY: --

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

OVERBURDEN SAMPLING METHOD: [Direct Push

BORING LOCATION:

AOC 13 TIME:

0830 TO

0845

1

DRILLER: Jeff

GROUND SURFACE ELEVATION

END DATE: 15-Jul-11

DATUM:

-

LABELLA REPRESENTATIVE:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

MFP

NA

Geoprobe 6610 DT

START DATE: 15-Jul-11

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OTHER:

(FEET)		SAMPLE					PID / FID FIELD	XRF FIELD SCREEN (PPM)					
DEРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)			,			
0	1.2	0'		Brown SILT, trac	ce f Sand, trace f Gr	avel, moist, no odor							
		1'	0.9										
2													
4	3.5	4'											
6													
		6'											
		7.5'											
8		7.5		Refusal at 7.5 ft									
				Refusal at 7.5 ft	t bgs								
10													
12													
12													
14													
16				DEPTH (FT)		NOTES:		İ					
	WATER	LEVEL DATA	BOTTOM OF		GROUNDWATER	INOTES.							
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED								
1	1		1	7.5	I								

# GENERAL NOTES

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

7.5

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

and = 35 to 50 % some = 20 to 35% little = 10 to 20% trace = 1 to 10% c - coarse m = medium

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-216** 

SHEET 1 OF JOB: 209288

CHKD BY:

0910

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION:

Geoprobe 6610 DT

**AOC 13** 

DATUM:

ТО

0925

1

DRILLER:

LABELLA REPRESENTATIVE:

MFP

**GROUND SURFACE ELEVATION** START DATE: 15-Jul-11

END DATE:

15-Jul-11

TYPE OF DRILL RIG:

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

OTHER:

AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: [ Direct Push

XRF DEPTH (FEET PID / FID FIELD SCREEN SAMPLE FIELD (PPM) SAMPLE STRATA **SCREEN** RECOVERY SAMPLE NO. AND CHANGE VISUAL CLASSIFICATION (PPM) (FEET) DEPTH (FEET) 0 2.0 0' Brown SILT, little f Sand, trace angular Gravel, moist, no odor 2 4 3.0 6 8 Refusal at 7.5 ft bgs 10 12

10									
				DEPTH (FT)		NOTES:			
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED				
				7.5	no				

### **GENERAL NOTES**

14

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

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

c - coarse m = medium

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: **GP-217** 

SHEET OF 1 JOB: 209288

CHKD BY:

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION: **AOC 13**  DATUM:

0925

0935

TO

1

DRILLER:

MFP

**GROUND SURFACE ELEVATION** 

15-Jul-11

LABELLA REPRESENTATIVE: START DATE: 15-Jul-11 END DATE:

TYPE OF DRILL RIG: Geoprobe 6610 DT DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: [Direct Push OTHER:

XRF DEPTH (FEET PID / FID FIELD SCREEN SAMPLE FIELD (PPM) SAMPLE STRATA **SCREEN** RECOVERY SAMPLE NO. AND CHANGE VISUAL CLASSIFICATION (PPM) (FEET) DEPTH (FEET) 0 3.5 0' Topsoil 0.2 Brown SILT, little f Sand, trace angular Gravel, moist, no odor 2 2' 4 3.0 6 6' 8 Refusal at 7.6 ft bgs 10 12 14 16 DEPTH (FT) NOTES:

WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED 7.6 no

### **GENERAL NOTES**

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

and = 35 to 50 % some = 20 to 35%

little = 10 to 20% trace = 1 to 10%

c - coarse m = medium

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536 BORING: GP-218

SHEET 1 OF **JOB: 209288** 

CHKD BY: --

0935

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

OVERBURDEN SAMPLING METHOD: [Direct Push

BORING LOCATION: AOC 13

TIME: DATUM: TO

0945

1

DRILLER: Jeff
LABELLA REPRESENTATIVE:

MFP

NA

GROUND SURFACE ELEVATION START DATE: 15-Jul-11

END DATE:

15-Jul-11

.0

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

Geoprobe 6610 DT

DRIVE SAMPLER TYPE: Macrocore

INSIDE DIAMETER: 1.8-inch

OTHER:

(FEET)		SAMPLE					PID / FID FIELD		FIE	XRF LD SCR (PPM)	EEN	
DEРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)		VISUAL CLAS	SSIFICATION	SCREEN (PPM)					
0	3.0	0'		Topsoil								
	3.0	O	0.2		e f Sand, trace angu	ılar Gravel, moist, no odor						
2		2'										
4												
	3.0	4'			••••••••••							
6		6'										
		7'										
8												
				Refusal at 7.5 ft	t bgs							
10												
12												
12								-				
14												
16												
10				DEPTH (FT)		NOTES:		1	1	l	1	
	WATER	LEVEL DATA	BOTTOM OF		GROUNDWATER							
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED							
				7.5	no							

### GENERAL NOTES

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

and = 35 to 50 % some = 20 to 35% little = 10 to 20% trace = 1 to 10% c - coarse m = medium

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:



Former Photech Imaging Site 1000 Driving Park Ave, Rochester, NY NYSDEC ERP No. B00016 City DEQ No. 032536

BORING: GP-219

SHEET 1 OF JOB: 209288

CHKD BY:

1000

300 STATE STREET, ROCHESTER, NY (585) 454-6110

CONTRACTOR: Nothnagle Drilling

BORING LOCATION: **AOC 13**  TIME:

ТО

1020

1

DRILLER:

GROUND SURFACE ELEVATION

DATUM:

LABELLA REPRESENTATIVE:

MFP

START DATE: 15-Jul-11

END DATE: 15-Jul-11

TYPE OF DRILL RIG:

Geoprobe 6610 DT

DRIVE SAMPLER TYPE: Macrocore INSIDE DIAMETER: 1.8-inch

AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: [Direct Push

OTHER:

(FEET)		SAMPLE			PID / FID FIELD	XRF FIELD SCREEN (PPM)				
ОЕРТН (FEET)	SAMPLE RECOVERY (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	SCREEN (PPM)					
	0.0	01		T 1						
0	3.0	0'	0.2	Topsoil Brown SILT, little f Sand, trace angular Gravel, moist, no odor						
2		2'							<u> </u>	
		2								
4										$\vdash$
'	3.0	4'							······································	<b></b>
										<del>  </del>
6		6'								
		7'								
									<u> </u>	
8										
				Refusal at 7.5 ft bgs						
10										
12										
						-				
14										
									<u> </u>	$\longmapsto$
									$\vdash \vdash$	
16										
	'			DEPTH (FT) NOTES:						
	WATER	LEVEL DATA	BOTTOM OF	BOTTOM OF GROUNDWATER						

### **GENERAL NOTES**

TIME

DATE

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

**BORING** 

7.5

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

and = 35 to 50 % some = 20 to 35%

ELAPSED TIME

little = 10 to 20% trace = 1 to 10%

CASING

c - coarse m = medium

ENCOUNTERED

no

BGS = Below the Ground Surface

f = fine

NA = Not Applicable

ND = Non Detect

BORING:

### MBELI Associates, P.C.

K. Bush

TYPE OF DRILL RIG: CME 75 Hollow Stem Auger Rig

OVERBURDEN SAMPLING METHOD: Direct Push

### **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

SHEET JOB:

BORING:

**GP-62** OF

209288

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR:

AUGER SIZE AND TYPE:

DRILLER:

NA

City DEQ No. 032536 BORING LOCATION: Nothnagle Drilling, Inc.

GROUND SURFACE ELEVATION:

5/16/2011

END DATE: 5/16/2011

TIME: DATUM: 1140 TO 1200

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

-	1			1			1			
D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		WICHAL OF ACC	NEGATION	PID FIELD SCREEN		XRF FIELD SCREEN	
H		AND DEPTH			VISUAL CLASS	SIFICATION	(PPM)	Ag	(ppm) Cd	
0	2.6'		0.0'	FILL Crushed concret	e/crushed brick, some mc Sar	d, moist, no odo	0.0			
		1.0'	1.1'	Grey to brown, S	SILT, little mf Sand, moist, no c	do				
2										
		3.0'					0.0			
4	3.5'		4.0'	As above, satura	ated, no odor					
		5.0'					0.0			
6										
6		7.0'								
				<u>NATIVE</u>			0.0			
8	2.5'		8.0'	Light brown, SIL	T, little mf Sand, trace clay, we	et, no odo	0.0			
		9.0'								
10							0.0			
		10.3'			Refusal @ ~	10.3' BGS				
12				<u> </u>						
14										
16										
18										
,	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	<u> </u>			
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
0.5	NEDAL NOTE		N/A	~10Ft.	~4.0-Ft.	_				

### GENERAL NOTES

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

3) Abbreviations

and = 35 to 50 % c = coarse some = 20 to 35%

BGS = Below the Ground Surface m = medium

little = 10 to 20% trace = 1 to 10%

f = finevf = very fine NA = Not Applicable

BORING:

### MBELI Associates, P.C.

### **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

NYSDEC ERP No. B00016 City DEQ No. 032536

JOB: 209288

BORING:

SHEET

CHKD BY: ED

**GP-63** 

OF

1000 TO

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR:

DRILLER:

BORING LOCATION: Nothnagle Drilling, Inc.

NA

K. Bush GROUND SURFACE ELEVATION:

TIME: DATUM: 1030

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

TYPE OF DRILL RIG: CME 75

AUGER SIZE AND TYPE:

START DATE:

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

END DATE: 5/10/2011

OTHER:

				<b></b>						
D E P T		SAMPLE SAMPLE NO	STRATA		VISUAL CLAS	BIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	l
Н	RECOVERY	AND DEPTH	CHANGE					Ag	Cd	
0	2'	1.0'	0.0'	FILL Crushed concret	e/crushed brick, some mc Sa	nd, moist, no odo	0.0			
2		3.0'	2.7' 3.1'		D, some Gravel, moist, no odo		0.0			
4			4.0'	As above, moist	, no odor					
	4'	5'					0.0			
6		7.1'	7.1'	NATIVE cf brown, SILT, I	ittle mf Sand, moist, no odo		0.0			
8		9.0'	8.0'	As above, moist	, no odor		0.0			
10	3.6'				Refusal @ ~	9.1' BGS				
12										
14										
16										
18										
	MATED : 5: 75: 1	L	DOTTO:: 5	DOTTO:: 05	000111:5:	NOTES:				
DATE	WATER LEVEL I	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:				
		<u> </u>	N/A	~ 9.1'	N/A	4				
GE	NERAL NOTES	5								

- GENERAL NOTES

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

and = 35 to 50 % 3) Abbreviations c = coarse

some = 20 to 35% m = medium

BGS = Below the Ground Surface NA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING:

### MBELI Associates, P.C.

### **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

NYSDEC ERP No. B00016

CHKD BY: ED

**GP-64** 

209288

OF

City DEQ No. 032536

ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR: Nothnagle Drilling, Inc.

BORING LOCATION: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME: DATUM:

BORING:

SHEET

JOB:

1100 TO 1115

LABELLA REPRESENTATIVE: E. Dumrese

300 STATE STREET, ROCHESTER, NY

TYPE OF DRILL RIG: CME 75

AUGER SIZE AND TYPE:

DRILLER:

START DATE:

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

END DATE: 5/16/2011

D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H	SAMPLE RECOVERY	SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASS	SIFICATION	(PPM)	Ag	(ppm) Cd	
0		1.0'	0.0' 0.5' 0.8'	Asphault Gravel sub-base Lt. brown to grey,	, SILT, little f Sand, moist, no	odo	0.0			
2	3.7'	3.0'					0.0			
4										
		5.0'			Shallow Refusal Stepping ou	@ ~ 5.0' BGS t E38SW				
6										
8										
10										
12										
14										
16										
8										
ATE	WATER LEVEL I	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:				

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
- 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER and = 35 to 50 %

3) Abbreviations

c = coarse

m = medium

BGS = Below the Ground Surface

some = 20 to 35% little = 10 to 20% trace = 1 to 10%

f = fine vf = very fine NA = Not Applicable

BORING:

### LABELLA Associates, P.C.

K. Bush

OVERBURDEN SAMPLING METHOD: Direct Push

### PROJECT

City of Rochester

Former Photech Imaging Site

 BORING:
 GP-64a

 SHEET
 OF

 JOB:
 209288

ED

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION

BORING LOCATION:
GROUND SURFACE ELEVATION:

TIME: 1155 TO

CHKD BY:

1130

LABELLA REPRESENTATIVE: E. Dumrese

ımrese START DATE:

5/16/2011

City DEQ No. 032536

DATUM: END DATE: 5/16/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

DRILLER:

NA

TART DATE.

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

Decomposition   Composition	T			ı									
SAMPLE   S	E		SAMPLE							FIELD		FIELD	
Asphault    Т				†	VISUA	L CLASSIF	ICATION				(ppm)		
1.0		RECOVERY	AND DEPTH								Ag	Cd	
2	0	2 3'	1.0'	0.4'	Lt. brown, mc SA	ND, moist, no odor nd mp SAND, moist, n	o odor			0.0			
2.7 5.0 6.8 Refusal @ ~ 6.8' BGS  10 10	2	2.0	3.0'						-	0.0			
2.7 5.0 6.8 Refusal @ ~ 6.8' BGS  10 10	4			4 0'	lt brown SILT I	ittle mf Sand and clay	saturated	no odor	-				
6 6.8'  Refusal @ ~ 6.8' BGS  10  12  14  16  WATER LEVEL DATA BOTTOM OF BOTTOM OF BORING ENCOUNTERED TIME  NA - 6.8' NIA  NA - 6.8' NIA			5.0'			,,	,						
Refusal @ - 6.8' BGS  10  11  12  14  16  18  WATER LEVEL DATA BOTTOM OF GROUNDWATER TIME  DATE TIME ELAPSED CASING BORING ENCOUNTERED  NIA  NOTES:	6	2.7'							-				
10   10   10   10   10   10   10   10			6.8'			Refu	sal @ ~ 6.	8' BGS					
10   10   10   10   10   10   10   10	8				<u> </u>				-				
12													
12													
12	40												
14	10												
14													
14					<u> </u>				-				
16  WATER LEVEL DATA DATE TIME  ELAPSED TIME  TIME  N/A  -6.8'  N/A   DATE  N/A  -6.8'  N/A	12												
16  WATER LEVEL DATA DATE TIME  ELAPSED TIME  TIME  N/A  -6.8'  N/A   DATE  N/A  -6.8'  N/A													
16  WATER LEVEL DATA DATE TIME  ELAPSED TIME  TIME  N/A  -6.8'  N/A   DATE  N/A  -6.8'  N/A													
WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED  N/A -6.8' N/A	14												
WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED  N/A -6.8' N/A													
WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED  N/A -6.8' N/A			<u> </u>										
WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER DATE TIME ELAPSED CASING BORING ENCOUNTERED  N/A -6.8' N/A	16		1										
WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER DATE TIME ELAPSED CASING BORING ENCOUNTERED  N/A -6.8' N/A													
WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER DATE TIME ELAPSED CASING BORING ENCOUNTERED  N/A -6.8' N/A													
DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED  N/A ~6.8' N/A	18												
DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED  N/A ~6.8' N/A													
DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED  N/A ~6.8' N/A													
N/A ~6.8' N/A	,	WATER LEVEL	DATA	воттом оғ	BOTTOM OF	GROUNDWATE	R	NOTES:	<u> </u>				
N/A -6.8' N/A	DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERE	D						
		NEDAL NOTE		N/A	~6.8'	N/A							

### GENERAL NOTES

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

 $\label{eq:ff} \begin{array}{ll} \text{little} = 10 \text{ to } 20\% & \qquad & \text{f} = \text{fine} \\ \text{trace} = 1 \text{ to } 10\% & \qquad & \text{vf} = \text{very fine} \end{array}$ 

BGS = Below the Ground Surface NA = Not Applicable

BORING:

GP-64a



City of Rochester Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

**GP-65** BORING: SHEET OF JOB: 209288

ED

NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536 CONTRACTOR: Nothnagle Drilling, Inc.

NA

TIME:

CHKD BY:

915 TO 930

DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

BORING LOCATION: GROUND SURFACE ELEVATION:

DATUM:

AUGER SIZE AND TYPE:

START DATE:

5/17/2011

END DATE: 5/17/2011

TYPE OF DRILL RIG: CME 75 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

							1	1		
D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLAS:	SIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	ı
Н		AND DEPTH	CHANGE				(* * ***)	Ag	Cd	
0			0.0'	Asphault						
	3.4'	1.0'	0.6'	Lt. brown, SILT,	some mp Sand, moist, no odor		0.0			
2		3.0'	2.7'	Brown, SILT, sor	me mp Sand, trace Clay, moist	no odor	0.0			
4			4.0'	Lt. brown, SILT a	and mp SAND, little clay, satura	ated, no odor				
	2.4'	5.0'					0.0			
6	2.7	7.0'	6.5'	Lt. brown, SILT,	little mf SAND, and clay, wet, r	o odor	0.0			
8			8.0'	As above, satura	ated, no odor					
	2.2'	9.2'	9.0'	Lt. brown, SILT, I	little mf SAND, moist, no odor Refusal @ ~	9.0' BGS	0.0			
10										
12										
14										
16										
18										
10										
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:				
			N/A	~9.0'	~4.0'					
GE	NERAL NOTE	S								

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

vf = very fine

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

3) Abbreviations and = 35 to 50 %c = coarse

trace = 1 to 10%

some = 20 to 35% m = medium

little = 10 to 20% f = fine BGS = Below the Ground Surface NA = Not Applicable

BORING:



City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York SHEET OF JOB: 209288 CHKD BY: ED

BORING:

GP-66

то

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc.

TYPE OF DRILL RIG:

BORING LOCATION: GROUND SURFACE ELEVATION: K. Bush

1,045.0 DATUM:

DRILLER: 5/17/2011

END DATE: 5/17/2011

LABELLA REPRESENTATIVE: E. Dumrese START DATE:

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLASS	IFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
н		AND DEPTH	CHANGE		VISUAL CLASS	IFICATION	(FFIVI)	Ag	Cd	
0				Brown, mc SAND	), little silt, no odor					
	1.0'	1.0'					0.0			
2		3.0'					0.0			
4		5.0'	4.0'	Lt. brown, SILT, s	some mp sand and trace clay, s	aturated, no odor	0.0	52	23	
6	3.8'	7.0'					0.0	31		
8		9.01'	8.0'	As above, satura	ted, no odor		.0.			
10	3.1'	10.3'					0.0			
12					Refusal @ ~ 1	0.3" BGS				
14										
16										
18										
,	WATER LEVEL	DATA	воттом ог	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
				~ 10.3'	~4.01'					

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

vf = very fine

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

3) Abbreviations and = 35 to 50 % c = coarse

trace = 1 to 10%

some = 20 to 35% m = medium

little = 10 to 20% f = fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

**PROJECT** 

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

BORING: SHEET OF JOB: 209288

**GP-67** 

1530 TO

CHKD BY: ED

DRILLER:

City DEQ No. 032536

5/16/2011

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

OVERBURDEN SAMPLING METHOD: Direct Push

Nothnagle Drilling, Inc. BORING LOCATION: K. Bush

GROUND SURFACE ELEVATION:

TIME: DATUM: 1600

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

END DATE: 5/16/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H	SAMPLE	SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASSI	FICATION	(PPM)	Ag	(ppm) Cd	
0	RECOVERT	AND DEF III	0.0'	FILL				Ag	Cu	1
		1.0'			e/crushed brick, some mc sand,	moist, no odor	0.0			
2	2.4'									
		3.0'					0.0			
4		5.0'	4.0'	As above, moist,	no odor		0.0			
6	3.1'		6.0'	As above, wet, no	o odor					
		7.0'	0.0	7.6 43676, 1161, 11	0 000.		0.0			
8				<u>NATIVE</u> Lt. brown, SILT, I	ittle f sand, saturated, no odor					
	3.0'	9.0'								
10		11.0'								
12					Refusal @ ~ 1	1.0' BGS				
14										
16										
40										
18										
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:				
			N/A	~ 11.0"	~ 6.0'	]				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

### LABELLA Associates, P.C.

K. Bush

### PROJECT

City of Rochester

Former Photech Imaging Site
1000 Driving Park Avenue, Rochester, New York

SHEET OF **209288**CHKD BY: ED

**GP-68** 

1500 TO

1530

BORING:

NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY

DRILLER:

City DEQ No. 032536

ENVIRONMENTAL ENGINEERING CONSULTANTS City DEQ No. (
CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM: 1 END DATE: 5/16/2011

TIME:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: 5/16/2011 END DATE:

TYPE OF DRILL RIG: CME 75

AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

GROUND SURFACE ELEVATION:

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

SAMPLE XRF PID FIELD FIELD Е Р SCREEN SCREEN Т SAMPLE SAMPLE NO STRATA VISUAL CLASSIFICATION (PPM) (ppm) RECOVERY AND DEPTH CHANGE Н Αa Cd 0 0.0' Topsoil 0.3' FILL Crushed concrete/crushed brick, some mc Sand, moist, no odor 1.0' 0.0 2.5' 2 3.0' 0.0 4.0' 4 As above, saturated, no odor 5.0' 0.0 1.5' 6 7 0' 0.0 8 8.0' Lt. brown, SILT, litle f sand, saturated, no odor 9.0' 0.0 2.5' 10 0.0 11.0' Refusal @ ~ 11.0' BGS 12 14 16 18 WATER LEVEL DATA

ELAPSED BOTTOM OF BOTTOM OF GROUNDWATER NOTES: ENCOUNTERED DATE TIME CASING BORING Ν/Δ ~ 11.0' ~ 4 N'

GENERAL NOTES

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

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

3) Abbreviations and = 35 to 50 % c = coarse

 $some = 20 \ to \ 35\% \hspace{1cm} m = medium \hspace{1cm} BGS = Below \ the \ Ground \ Surface$ 

 $\begin{array}{ll} \text{little} = 10 \text{ to } 20\% & \qquad \qquad \text{f} = \text{fine} \\ \text{trace} = 1 \text{ to } 10\% & \qquad \text{vf} = \text{very fine} \end{array}$ 

NA = Not Applicable

BORING:

### LABELLA Associates, P.C.

PROJECT

City of Rochester Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

SHEET OF **209288** 

GP-69

ED

CHKD BY:

BORING:

300 STATE STREET, ROCHESTER, NY

NYSDEC ERP No. B00016 City DEQ No. 032536

ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc.

Nothnagle Drilling, Inc. BORING LOCATION:
K. Bush GROUND SURFACE ELEVATION:

TIME: DATUM: 1445 TO 1515

DRILLER: K. Bush
LABELLA REPRESENTATIVE: E. Dumrese

FIVE: E Dumrese CTART DATE

START DATE: 5/16/2011

END DATE: 5/16/2011

TYPE OF DRILL RIG: CME 75
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

SAMPLE XRF PID FIELD FIELD Е Р SCREEN SCREEN Т SAMPLE SAMPLE NO STRATA VISUAL CLASSIFICATION (PPM) (ppm) RECOVERY AND DEPTH CHANGE Н Αa Cd 0 0.0' Topsoil 0.3' FILL Crushed concrete/crushed gravel, some mc Sand, moist, no odor 1.0' 0.0 2.5' 2 3.0' 0.0 4.0' 4 As above, moist, no odor 5.0' 0.0 2.9' 6 7 0' 0.0 8 8.0' Brown, SILT and mp SAND, wet, no odor 9.0' 0.0 2.7' 10 0.0 11.3' Refusal @ ~ 11.3' BGS 12 14 16 18 WATER LEVEL DATA

ELAPSED BOTTOM OF BOTTOM OF GROUNDWATER NOTES: ENCOUNTERED DATE TIME CASING BORING

GENERAL NOTES

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

~ 8.0'

3) Abbreviations and = 35 to 50 % c = coarse

N/A

 $some = 20 \ to \ 35\% \hspace{1cm} m = medium$ 

~ 11 3'

 $\begin{array}{ll} \text{little} = 10 \text{ to } 20\% & \qquad \qquad \text{f} = \text{fine} \\ \text{trace} = 1 \text{ to } 10\% & \qquad \qquad \text{vf} = \text{very fine} \end{array}$ 

BGS = Below the Ground Surface NA = Not Applicable

BORING:



City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York

GP-70 BORING: SHEET OF

JOB: 209288 CHKD BY: ED

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: DRILLER: K. Bush

Nothnagle Drilling, Inc. BORING LOCATION: GROUND SURFACE ELEVATION:

NA

TIME: DATUM: 930 TO

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P T	SAMPLE	SAMPLE	STRATA		VISUAL CLASS	IFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	I
Н		AND DEPTH	CHANGE					Ag	Cd	
0	2.7'	1.0'	0.0'	FILL Lt. brown, mc SA	ND and GRAVEL, moist, no oc	or	0.0			
2		3.0'					0.0			
4	2.0'	5.0'	4.0'	As above, moist,	no odor		0.0			
6		7.0'	6.2'	Lt. brown, SILT, I	ittle f Sand and Clay, moist, no	odor	0.0			
8		9.0'	8.0'	Lt. brown, SILT, s	some f Sand, moist, no odor		0.0			
10	4.0'				Refusal @ ~ :	1.2' BGS	0.0			
12										
14										
16				•						
18										
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING N/A	BOTTOM OF BORING ~ 11.2'	GROUNDWATER ENCOUNTERED N/A	NOTES:				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:



City of Rochester Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

BORING: SHEET OF JOB: 209288

GP-71

ED

NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

CHKD BY:

815 TO

845

DRILLER: K. Bush GROUND SURFACE ELEVATION:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/17/2011 5/17/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLASS	SIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	I
Н	RECOVERY	AND DEPTH	CHANGE					Ag	Cd	
0	2.6'	1.0'	0.0' 0.3'	Topsoil NATIVE Lt. brown, SILT, I	ittle f Sand, mosit, no odor		0.0			
2		3.0'					0.0			
4	2.7'	5.0'	4.0'	Lt. brown, SILT, I	ittle mf Sand, and clay, wet, no	odor	0.0			
6	··	7.0'					0.0			
8	1.4'	9.0'	8.0'	C-Gravel, saturat	ed, no odor		0.0			
10	1.4	11.0'		Lt. brown, SILT, s	saturated, no odor Refusal @ ~	11.2' BGS	0.0			
12										
14										
16										
18										
DATE	WATER LEVEL	ELAPSED	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:	1	1		
DATE	TIIVIL	TIME	N/A	~11.2'	~4.0'	_				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:



City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York

**GP-72** BORING: SHEET OF JOB: 209288

ED

840 TO

915

CHKD BY:

NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

DRILLER: GROUND SURFACE ELEVATION: K. Bush LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/17/2011 5/17/2011

TYPE OF DRILL RIG: CME 75 DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLAS	SIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
Н		AND DEPTH			VIOUAL CLAC	SILICATION	(1 1 101)	Ag	Cd	
0	2.6'	1.0'	0.0' 0.9'	Topsoil NATIVE Lt. brown, SILT, s	some mp Sand, moist, no odol		0.0			
2		3.0'					0.0			
4	2.7'	5.0'	4.0'	Lt. brown, SILT a	nd CLAY, little p sand, saturat	ed, no odor	0.0			
6		7.0'					0.0			
8	4.0	9.0'	8.0'	Lt. brown, SILT, I	ittle f sand, wet, no odor		0.0			
10	1.9'	10.0'			REFUSAL @	- 10.0' BGS	0.0			
12										
14										
16										
18										
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:				
		HIVIE				7				

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = mediumNA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING: **GP-72** 

**PROJECT** 

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York BORING: SHEET OF JOB: 209288 CHKD BY: ED

GP-73

1300 TO

NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR:

TYPE OF DRILL RIG: CME 75

City DEQ No. 032536 Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM: 1330

DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

GROUND SURFACE ELEVATION:

START DATE: END DATE: 5/16/2011 5/16/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P T H		SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASS	FICATION	PID FIELD SCREEN (PPM)	Ag	XRF FIELD SCREEN (ppm) Cd	
0		1.0'	0.0'	Topsoil NATIVE Lt. brown, SILT, s	some mf Sand, moist, no odor		0.0			
2	3.5' 3.0'		3.3'	Brown, SILT and	mp Sand, moist, no odor		0.0			
4	3.4'	5.0'	4.0'	As above, moist,	no odor		0.0			
6	3.4	7.2'	7.2'	Brown, SILT, son	ne mf Sand, wet, no odor		0.0			
8	3.2'	9.0'	8.0'	As above, satura	ted, no odor		0.0			
10	0.2	11.0'			Refusal @ ~ 1	1.0' BGS	0.0			
12										
14										
16										
18										
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:		1		
OF!	NERAL NOTE:		N/A	~ 11.0'	~ 9.2'					

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

and = 35 to 50 % 3) Abbreviations c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

**PROJECT** 

City of Rochester Former Photech Imaging Site

BORING: GP-74 SHEET OF JOB: 209288

ED

1340 TO

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

5/16/2011

TIME:

CHKD BY:

1415

CONTRACTOR: DRILLER: K. Bush

TYPE OF DRILL RIG: CME 75

AUGER SIZE AND TYPE:

Nothnagle Drilling, Inc. BORING LOCATION:

GROUND SURFACE ELEVATION:

END DATE: 5/16/2011

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

OVERBURDEN SAMPLING METHOD: Direct Push

XRF SAMPLE PID FIELD FIELD Е Р SCREEN SCREEN Т SAMPLE SAMPLE NO STRATA VISUAL CLASSIFICATION (PPM) (ppm) RECOVERY AND DEPTH CHANGE Н Αa Cd 0 0.0' Topsoil 0.3' NATIVE Lt. brown, SILT, trace f Sand, moist, no odor 1.0' 0.0 3.3' 2 3.0' 0.0 4.0' Lt. brown, SILT, little f Sand, mosit, no odor 4 5.0' 0.0 3.6' 6 7 0' 0.0 8 8.0' As above, saturated, no odor 9.0' 0.0 2.8' 10 0.0 11.0' Refusal @ ~ 11.3' BGS 12 14 16 18 WATER LEVEL DATA

ELAPSED BOTTOM OF BOTTOM OF GROUNDWATER NOTES: ENCOUNTERED DATE CASING BORING TIME N/A ~ 11 3' ~ 8.0'

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

**PROJECT** 

City of Rochester

Former Photech Imaging Site

GP-75 BORING: SHEET OF JOB: 209288 CHKD BY: ED

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

TIME:

1400 TO 1430

CONTRACTOR: DRILLER: K. Bush

Nothnagle Drilling, Inc. BORING LOCATION: GROUND SURFACE ELEVATION:

END DATE: 5/16/2011

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

5/16/2011

DATUM:

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P		SAMPLE			PID FIELD SCREEN		XRF FIELD SCREEN	
T H		SAMPLE NO. AND DEPTH	STRATA CHANGE	VISUAL CLASSIFICATION	(PPM)	Ag	(ppm) Cd	
0	2.5'	1.0'	0.0' 0.3'	Topsoil Brown, SILT, some mf Sand, and Gravel, moist, no odor	0.0			
2		3.0'			0.0			
4	3.5'	5.0'	4.0'	Brown, SILT, little clay, moist, no odor	0.0			
6		7.0'	6.0'	Lt. brown, SILT and mp SANDm mosit, no odor	0.0			
8	4.0'	9.0'	8.0'	As above, wet, no odor	0.0			
10	4.0				0.0			
12				Refusal @ ~ 12.5' BGS				
14								
16								
18								
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF GROUNDWATER NOTES:  BORING ENCOUNTERED		I		

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

~ 8.0'

3) Abbreviations and = 35 to 50 % c = coarse

trace = 1 to 10%

N/A

some = 20 to 35% m = mediumlittle = 10 to 20%

~ 12.5'

f = fine vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

### **PROJECT**

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York SHEET OF JOB: 209288 CHKD BY: ED

BORING:

GP-76

NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM: 930 TO

1000

DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

GROUND SURFACE ELEVATION:

NA

END DATE: 5/17/2011

OVERBURDEN SAMPLING METHOD: Direct Push

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE: 5/17/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P		SAMPLE			PID FIELD SCREEN		XRF FIELD SCREEN	
T H		SAMPLE NO. AND DEPTH	STRATA CHANGE	VISUAL CLASSIFICATION	(PPM)	Ag	(ppm) Cd	
0		1.0'	0.0'	FILL Brown, mc SAND and GRAVEL, moist, no odor	0.0			
2	2.6'	3.0'	3.1'	Brown, SILT, little f Sand, and clay, moist, no odor	0.0			
		3.0			0.0			
4		5.0'	4.0'	NATIVE Lt. brown, SILT and mf SAND, moist, no odor	0.0			
6	3.7'	7.0'			0.0			
8			8.0'	As above, moist, no odor				
	0.01	9.0'			0.0			
10	3.9'	10.7'		Refusal @ ~ 10.7' BGS	0.0			
12								
14								
16								
18								
	WATER LEVEL	DATA ELAPSED	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:	1	1		1
DATE	TIME	TIME	CASING N/A	BORING         ENCOUNTERED           ~ 10.7         N/A				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

OVERBURDEN SAMPLING METHOD: Direct Push

### **PROJECT**

City of Rochester Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

SHEET OF JOB: 209288

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016

City DEQ No. 032536

BORING LOCATION:

TIME: DATUM:

BORING:

1115 TO

**GP-77** 

DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

GROUND SURFACE ELEVATION:

5/19/2011

END DATE: 5/19/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

CONTRACTOR:

NA

Nothnagle Drilling, Inc.

START DATE:

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P		SAMPLE		VISUAL CLASSIFICATION		PID FIELD SCREEN		XRF FIELD SCREEN		
T H		SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASSI	FICATION	(PPM)	Ag	(ppm) Cd	
0	REGOVERY	7440 DEI III	0.0'	FILL				/\g	Cu	
		1.0'			and GRAVEL, mosit, no odor		0.0			
2	2.9'									
		3.0'					0.0			
4		5.0'	4.0'	As above, moist,	no odor		0.0			
6	2.9'									
		7.0'			ne f Sand, moist, no odor		0.0			
8		9.0'	8.0'	As above, moist,	no odor		0.0			
10	2.4'						0.0			
		11.6'			Refusal @ -	- 11.6'	0.0			
12										
14										
16										
18										
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:		l		
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
			N/A	~ 11.6'	N/A					

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

Nothnagle Drilling, Inc.

NA

### **PROJECT**

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

City DEQ No. 032536

TIME: DATUM:

BORING:

1415 TO

GP-78

DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

GROUND SURFACE ELEVATION:

START DATE: 5/17/2011 END DATE: 5/17/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

BORING LOCATION:

D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	ı
T	SAMPLE	SAMPLE NO.	STRATA		VISUAL CLAS	SIFICATION	(PPM)		(ppm)	
Н	RECOVERY	AND DEPTH						Ag	Cd	
0		1.0'	0.0'	FILL Crushed brick/cru	ushed concrete, mc SAND, mo	pist, no odor	0.0			
2		3.0'					0.0			
		3.0					0.0			
4			4.0'	As above, satrate	ed, no odor					
		5.0'					0.0			
6	3.2'			NIATIVE						
		6.7'	6.7'	NATIVE Brown, mc SAND	and SILT, wet, no odor		0.0			
8			8.0'	As above, satura	ted, no odor					
		9.0'		·			0.0			
10	2.1'						0.0			
10		10.8'			Refusal @ ~	10.8' BGS	0.0			
12										
14										
14										
16										
18										
,	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:		<u> </u>		
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
			N/A	~ 10.8'	~ 4.0'	_				

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

and = 35 to 50 % 3) Abbreviations c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

**PROJECT** 

City of Rochester Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

JOB: 209288 CHKD BY: ED

BORING:

SHEET

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: GROUND SURFACE ELEVATION: K. Bush

TIME: DATUM: 1445 TO

GP-79

OF

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

5/17/2011

END DATE: 5/17/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H		SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASSI	FICATION	(PPM)	Ag	(ppm) Cd	
0	THE OWNER OF THE OWNER OWN	1.0'	0.0'	FILL Crushed brick/cru	ushed concrete, mc SAND, mois	st, no odor	0.0	7.9		
2		3.0'					0.0			
4			4.0'	As above, moist,	no odor		0.0			
6	4.0'	5.4'	5.4'	Brown, mf SAND	and SILT, moist, no odor		0.0			
8		7.0'	8.0'	As above, wet @	. 0.0' BCS		0.0			
0	2.51	5.0	0.0	nna above, wet @	5.3 100		0.0			
10	2.5'	10.1'			Refusal @ ~ 1	0.1 BGS	0.0			
12										
14										
16										
18										
						luoren				
DATE	TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED 9.9'	NOTES:				
<b> </b>				~ 10.1'	9.9	4				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

**PROJECT** 

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

GP-80

1300 TO

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536 CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

BORING:

1325

DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese GROUND SURFACE ELEVATION:

5/18/2011

START DATE: END DATE: 5/18/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLASSI	FICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	ı
Н	RECOVERY	AND DEPTH	CHANGE					Ag	Cd	
0	3.4'		0.0'	FILL Crushed concrete	e/crushed brick, some mc Sand,	moist, no odor	0.0			
2	5.4	3.0'					0.0			
4	4.0'		4.0'	As above, moist,	no odor		0.0			
6		6.1'	6.1'	Brown, SILT and	mf SAND, moist, no odor		0.0			
8			8.0'	As above, wet, no			0.0			
10	1.6'	9.8'			Refusal @ ∼ 9	.8' BGS				
12										
14										
16										
18										
DATE	TIME	DATA ELAPSED TIME	BOTTOM OF CASING N/A	BOTTOM OF BORING ~ 9.8'	GROUNDWATER ENCOUNTERED ~ 8.0'	NOTES:				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

**PROJECT** 

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York

GP-81 BORING: SHEET JOB: 209288

OF

1120 TO

CHKD BY:

ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016 City DEQ No. 032536

Nothnagle Drilling, Inc.

NA

BORING LOCATION: GROUND SURFACE ELEVATION:

TIME: DATUM: 1145

DRILLER: LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

CONTRACTOR:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

K. Bush START DATE:

END DATE: 5/17/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

5/17/2011

OTHER:

D E P		SAMPLE			PID FIELD SCREEN		XRF FIELD SCREEN	
T H		SAMPLE NO. AND DEPTH		VISUAL CLASSIFICATION	(PPM)	Ag	(ppm) Cd	
0			0	FILL Crushed concrete/crushed brick, some mc Sand, moist, no odor	0.0			
2	2.9'				0.0			
4			4.0'	As above, moist, no odor	0.0			
	4.0'	5.9'	5.9'	Brown, SILT, and mf SAND, moist, no odor	0.0			
6	4.0	7.0'			0.0			
8		9.0'	8.0'	NATIVE Lt. Brown, SILT, little f Sand, saturated, no odor	0.0			
10	1.8'				0.0			
		11.3'		Refusal @ ~ 11.3' BGS				
12								
14								
16								
18								
10								
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:	l		<u> </u>	
DATE	TIME	ELAPSED TIME	CASING	BORING ENCOUNTERED				
	<u> </u>	l .	N/A	~ 11.3' ~8.0'				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

### **PROJECT**

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York BORING: SHEET OF JOB: 209288

CHKD BY:

**GP-82** 

1210

NYSDEC ERP No. B00016 City DEQ No. 032536 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME: 1140 TO

ED

DRILLER: GROUND SURFACE ELEVATION: DATUM: K. Bush LABELLA REPRESENTATIVE: E. Dumrese START DATE: END TIME: 5/18/2011

5/18/2011

TYPE OF DRILL RIG: CME 75 DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P T H	SAMPLE RECOVERY	SAMPLE SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASSIFICATION			PID   XI   FIELD   FIELD   SCREEN   SCR   (PPM)   Ag   Co		
0	RECOVERT	AND DEPTH	0.0'	FILL Crushed concrete	e/crushed brick, some mc Sand	, moist, no odor	0.0	Ag	Cd	
2	3.8'						0.0			
4		5.0'	4.0'	Brown SILT and ı	mf SAND, moist, no odor		0.0			
6	4.0'									
8		7.0'	8.0'	NATIVE Lt. brown, SILT, I	ittle f Sand, moist, no odor		0.0			
10	2.6'	9.0'		As above, wet, no	o odor		0.0			
12		10.6'			Refusal @ ~ ·	0.6 BGS				
14										
16										
18										
DATE	WATER LEVEL	DATA ELAPSED TIME	BOTTOM OF CASING N/A	BOTTOM OF BORING ~ 10.6'	GROUNDWATER ENCOUNTERED	NOTES:				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING: **GP-82** 

**PROJECT** 

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

JOB: 209288

BORING:

SHEET

CHKD BY: ED

**GP-83** 

OF

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536 Nothnagle Drilling, Inc. BORING LOCATION:

CONTRACTOR: DRILLER: GROUND SURFACE ELEVATION: K. Bush

TIME: DATUM: 1530 TO 1600

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

END DATE: 5/18/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

5/18/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

				,						
D E P T	SAMPLE	SAMPLE	STRATA		VISUAL CLASS	BIFICATION	PID FIELD SCREEN (PPM)	XRF FIELD SCREEN (ppm)		
н	RECOVERY	AND DEPTH	CHANGE					Ag	Cd	
0	2.9'		0.0'	FILL Crushed concrete	e/crushed brick, some mc Sand	d, moist, no odor	0.0			
2							0.0			
4		5.8'	4.0' 5.8'	As above, moist,	no odor  mf SAND, moist, no odor		0.0			
6	3.3'	7.0'	5.0	J.Own, OIL1 allu	ini Grito, moist, no ouoi		0.0			
8		9.0'	8.0'	NATIVE Lt. brown, SILT, I	ittle f Sand, moist, no odor		0.0			
10	4.0'	11.6'			Refusal @ ~	11.6' BGS	0.0			
12										
14										
16										
18										
	WATER LEVEL	DATA ELAPSED	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	TIME	CASING N/A	BORING ~11.6'	ENCOUNTERED N/A	_				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING: **GP-83** 

**PROJECT** 

City of Rochester Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

SHEET OF JOB: 209288

CHKD BY: ED

NYSDEC ERP No. B00016 City DEQ No. 032536

5/19/2011

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

Nothnagle Drilling, Inc. BORING LOCATION: K. Bush

GROUND SURFACE ELEVATION:

TIME:

BORING:

845 TO

GP-84

DRILLER: LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

END DATE: 5/19/2011

DATUM:

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H		SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASSI	FICATION	(PPM)	Ag	(ppm) Cd	
0	THE SOUTE OF THE S	7.110 02. 111	0.0'	FILL Crushed concrete	e/crushed brick, some mc Sand,	moist, no odor	0.0	7.9		
2	2.1'						0.0			
4			4.0'	As above, moist,	no odor					
	3.8'		4.6'	Brown, SILT and	mf SAND, moist, no odor		0.0			
6		7.0'					0.0			
8			8.0'	As above, wet @	~ 9.8' BGS, no odor		0.0			
10	4.0'	10.1'		NATIVE Lt. brown, SILT, I	ittle p Sand, moist, no odor		0.0			
12	1.2'	12.4'	12.0'	As above, satura	ted, no odor		0.0			
					Refusal @ ~ 1.	2.4' BGS				
14										
16										
18										
	WATER LEVEL	DATA	воттом оғ	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING N/A	BORING ~ 12.4'	ENCOUNTERED ~ 9.8'					

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

K. Bush

OVERBURDEN SAMPLING METHOD: Direct Push

**PROJECT** 

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

**GP-85** BORING: SHEET JOB:

OF 209288

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

GROUND SURFACE ELEVATION:

TIME: DATUM: 915 TO

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

END DATE: 5/19/2011

5/19/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

DRILLER:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

1								
D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	XRF FIELD SCREEN (ppm)		
Н		AND DEPTH			( ,	Ag	Cd	
0			0.0'	FILL Crushed concrete/crushed brick, some mc Sand, moist, no odor	0.0			
2	2.9'				0.0			
4			4.0'	Brown, SILT, and mf SAND, moist, no odor				
	3.2'				0.0			
6					0.0			
8			8.0'	As above, wet, no odor	0.0			
10	2.1'	9.9'	9.9'	NATIVE Lt. brown, SILT, little f Sand, moist, no odor				
		11.2'		Refusal @ ~ 11.2' BGS	0.0			
12								
14								
16								
18								
				POTEN OF LANDINGTON DISTRICT				
	WATER LEVEL		BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING ENCOUNTERED				
05	NEDAL NOTE		N/A	~11.2' ~8.0'				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

**PROJECT** 

City of Rochester

Former Photech Imaging Site

GP-86 BORING: SHEET OF JOB: 209288

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME: 1500 TO

ED

DATUM:

CHKD BY:

1530

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

5/18/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

END DATE: 5/18/2011

OTHER:

D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VICUAL CLASCI	TIGATION	PID FIELD SCREEN		XRF FIELD SCREEN	l
T H		AND DEPTH	CHANGE		VISUAL CLASSI	-ICATION	(PPM)	Ag	(ppm) Cd	
0	KLOOVLKI	/ IND DEI III	0.0'	FILL	II.					
			0.0		shed concrete/crushed brick, some mc Sand, moist, no odor					
2	3.4'									
							0.0			
4			4.0'	As above, moist,	no odor		0.0			
6	3.3'	5.2'	5.2'	Brown, SILT and	mp SAND, moist, no odor					
		7.0'					0.0			
8			8.0'	NATIVE						
		9.0'	0.0		and mp SAND, moist, no odor		0.0			
10	3.5'	10.2'	10.2'	It brown SILT t	trace f Sand, moist, no odor					
		10.2	10.2	Et. Blown, GILT, t	race i dana, moist, no ddoi		0.0			
12		10.01	12.0'	As above, moist,	no odor  Refusal @ ~ 12	201000	0.0			
		12.8'			Refusai @ ~ 12	8° BGS				
	1.5'									
14										
16										
18										
	WATER LEVEL	DATA ELAPSED	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	TIME	CASING	BORING	ENCOUNTERED					
ļ				~12.8'	N/A					

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

**PROJECT** 

City of Rochester Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

SHEET JOB: 209288 CHKD BY: ED

BORING:

**GP-87** 

OF

1330 TO

1400

NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

K. Bush

DRILLER:

City DEQ No. 032536 Nothnagle Drilling, Inc. BORING LOCATION:

TIME:

GROUND SURFACE ELEVATION: DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/18/2011 5/18/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
Н		AND DEPTH		VISUAL CLASSIFICATION	(FFIVI)	Ag	Cd	
0			0.0'	FILL Crushed concrete/crushed brick, some mc Sand, moist, no odor	0.0			
2	2.3'				0.0			
4		5.7'	4.0'	As above, moist, no odor	0.0			
6	3.4'	7.0'	6.4'	Brown, SILT and mp SAND, moist, no odor	0.0			
8		9.0'	8.0'	NATIVE Lt. brown, SILT, little f Sand, moist, no odor	0.0			
10	3.1'	10.3'	9.8'	As above, wet, no odor  Refusal @ ~ 10.3' BGS	0.0			
12								
14								
16								
18								
	WATER LEVEL	DATA ELAPSED	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	TIME	CASING	BORING ENCOUNTERED				
			N/A	~10.3' ~9.8'				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

**PROJECT** 

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

SHEET OF JOB: 209288

GP-88

1430 TO

CHKD BY: ED

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

OVERBURDEN SAMPLING METHOD: Direct Push

Nothnagle Drilling, Inc. BORING LOCATION: GROUND SURFACE ELEVATION: K. Bush

NA

TIME: DATUM:

BORING:

1500

DRILLER: LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

5/18/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

END DATE: 5/18/2011

OTHER:

	1			1						
D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA	•	VISUAL CLASSI	FICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
н		AND DEPTH					, ,	Ag	Cd	
0	3.2'		0.0'	FILL Crushed concrete	e/crushed brick, some mc Sand,	moist, no odor	0.0			
2							0.0			
4			4.0'	As above, mosit,	no odor					
		5.4'	5.4'	Brown, SILT and	mf SAND, moist, no odor		0.0			
6	3.0'									
		7.0'					0.0			
8			8.0'	As above, wet, no	o odor		0.0			
		9.7'			Refusal @ ~ 9	.7' BGS	0.0			
10	2.6'									
10										
12				İ						
14										
16				†						
18										
			BOTTOM			NOTES				
	WATER LEVEL	DATA ELAPSED	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	TIME	CASING	BORING	ENCOUNTERED					
			N/A	~9.7'	~8.0'					

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

### **PROJECT**

City of Rochester Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

JOB: 209288 CHKD BY: ED

BORING:

SHEET

**GP-89** 

OF

то

NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536

5/17/2011

TIME:

DRILLER: K. Bush

Nothnagle Drilling, Inc. BORING LOCATION:

GROUND SURFACE ELEVATION:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

END DATE:

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

CONTRACTOR:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

5/17/2011

OTHER:

SAMPLE XRF PID FIELD FIELD Е Р SCREEN SCREEN Т SAMPLE SAMPLE NO STRATA VISUAL CLASSIFICATION (PPM) (ppm) RECOVERY AND DEPTH CHANGE Н Αa Cd 0 0.0' Crushed brick/crushed concrete, mc SAND, moist, no odor 1.0' 0.0 2.9' 2 3.0' 0.0 4.0' 4 As above, moist, no odor 5.0' 0.0 3.5' 6 Brown, SILT and mf SAND, moist, no odor 7 0' 7.0' 0.0 8 8.0' As above, saturated, no odor 0.0 0.0 1.1' 9.8' Refusal @ ~ 9.8' BGS 10 12 14 16 18 WATER LEVEL DATA

ELAPSED BOTTOM OF BOTTOM OF GROUNDWATER NOTES:

TIME

DATE

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

ENCOUNTERED

~8.0'

3) Abbreviations and = 35 to 50 % c = coarse

CASING

some = 20 to 35% m = medium

BORING ~9.8'

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

**PROJECT** 

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

BORING:

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

5/17/2011

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

1515 TO

1545

GP-90

DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

GROUND SURFACE ELEVATION: START DATE:

END DATE:

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

5/17/2011

OTHER:

D E P		SAMPLE					PID FIELD		XRF FIELD SCREEN	
T H		SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASSII	FICATION	SCREEN (PPM)	Ag	(ppm)	
0		1.0'	0.0'	FILL Crushed concrete	e/crushed brick, some mc Sand,	moist, no odor	0.0	7.9	cu	
2	2.9'	3.0'					0.0			
4		5.0'	4.0'	As above, wet, no	o odor		0.0			
6	3.4'	7.1'	7.1'	<u>NATIVE</u> Lt. brown, SILT, I	ittle f Sand, moist, no odor		0.0			
8		9.0'	8.0'	As above, wet, no	o odor Refusal @ ~ 9	0'BGS	0.0			
10	1.7'									
12										
14										
16										
18										
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING N/A	BORING ~9.0'	ENCOUNTERED ~8.0'					

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

BGS = Below the Ground Surface f = fine NA = Not Applicable

little = 10 to 20% trace = 1 to 10% vf = very fine

BORING:

### **PROJECT**

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York BORING: SHEET OF JOB: 209288 CHKD BY: ED

GP-91

NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

Nothnagle Drilling, Inc. BORING LOCATION: GROUND SURFACE ELEVATION:

TIME: DATUM: 845 TO 852

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

K. Bush

START DATE:

END DATE: 5/18/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

DRILLER:

NA

5/18/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D		SAMPLE			PID		XRF	
E P T	SAMPLE	SAMPLE NO.		VISUAL CLASSIFICATION	FIELD SCREEN (PPM)		FIELD SCREEN (ppm)	
Н	RECOVERY	AND DEPTH				Ag	Cd	
0			0.0'	FILL Crushed concrete/crushed brick, some mc Sand, moist, no odor	0.0			
2	3.2'				0.0			
4			4.0'	As above, moist, no odor				
	3.8'				0.0			
6		7.2'	7.2'	Brown, SILT and mp SAND, moist, no odor	0.0			
8		9.2'		As above, saturated, no odor	0.0			
10	0.8'			Refusal @ - 9.2' BGS				
12								
14								
16								
18								
10								
ļ .	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	ELAPSED TIME	CASING N/A	BORING ENCOUNTERED  ~9.2' ~8.0'				
			N/A	~8.Z ~8.U				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

### **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

JOB: 209288

CHKD BY:

BORING:

SHEET

ED

GP-92

OF

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

DRILLER:

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc.

BORING LOCATION: GROUND SURFACE ELEVATION: K. Bush

TIME: DATUM: 845 TO 915

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

5/18/2011

END DATE: 5/18/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

OVERBURDEN SAMPLING METHOD: Direct Push

D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLASSIFICATION				XRF FIELD SCREEN (ppm)	
н		AND DEPTH	CHANGE					Ag	Cd	
0			0.0'	FILL Crushed concrete	e, crushed brick, some mc Sa	ind, moist, no odor	0.0			
2	3.8'						0.0			
4	2.2'		4.0'	As above, moist,	no odor		0.0			
6	2.2	6.7'	6.7'	Brown, SILT and	mf SAND, moist, no odor		0.0			
8			8.0'	As above, wet, no			0.0			
10	2.1'	9.3'			Refusal @	~ 9.3' BGS				
12										
14										
16										
18										
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	1			
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					

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

3) Abbreviations and = 35 to 50 %c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

GP-93 BORING: SHEET OF JOB: 209288

ED

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

CHKD BY:

920 TO 945

DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

GROUND SURFACE ELEVATION:

START DATE: 5/18/2011

END DATE: 5/18/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

CONTRACTOR:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

	1			•				,		
D E P	SAMPLE	SAMPLE NO.	STRATA		VISUAL CLAS	SIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	ı
Н		AND DEPTH						Ag	Cd	
0	3.8'		0.0'	FILL Crushed brick/cru	ushed concrete, come mc SAI	ND, moist, no odor	0.0			
2							0.0			
4	2.9'		4.0'	As above, moist,	no odor		0.0			
6					mf SAND, moist, no odor		0.0			
8			8.0'	As above, wet, no	o odor		0.0			
		9.0'			Refusal @ -	- 9.0' BGS	0.0			
	1.2'									
10										
12										
14										
14										
16				ł						
18										
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
		THVIC	N/A	~9.0'	~8.0'	$\exists$				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

OVERBURDEN SAMPLING METHOD: Direct Push

**PROJECT** 

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288

ED

GP-94

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

CHKD BY:

BORING:

DRILLER: GROUND SURFACE ELEVATION: K. Bush LABELLA REPRESENTATIVE: E. Dumrese END DATE: 5/17/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

START DATE: 5/17/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

OVEIN	JONDEN SAM	FLING METTIC	JD. Directi o	311		OTTIEK.				
D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H	SAMPLE RECOVERY	SAMPLE NO. AND DEPTH			VISUAL CLAS	SIFICATION	(PPM)	Ag	(ppm) Cd	
0	3.3'	1.0'	0.0'	FILL Crushed brick/cru	ushed concrete, mc SAND, mo	osit, no odor	0.0			
2	5.0	3.0'					0.0			
4	3.5'	5.0'	4.0'	As above, moist,	no odor		0.0			
6	0.0	7.3'	7.3'	NATIVE Brown, SILT, son	ne mf Sand, moist, no odor		0.0			
8		9.3'	8.0' 8.2'	As above, moist, Lt. bown, SILT, T	no odor frace f Sand, moist, no odor Refusal @ -	0.0				
10	2.0'									
12										
14										
16										
18										
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:	I	<u> </u>		
				~ 9.3'		_				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

**PROJECT** 

City of Rochester Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

SHEET JOB: 209288 CHKD BY: ED

BORING:

GP-95

OF

1315 TO

NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: GROUND SURFACE ELEVATION: K. Bush

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

END DATE: 5/17/2011

TYPE OF DRILL RIG: CME 75 AUGER SIZE AND TYPE:

NA

5/17/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLASS	IFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	,
Н	RECOVERY						()	Ag	Cd	
0	2.9'	1.0'	0.0'	FILL MATERIALS crushed brick/cor	S ncrete, mc SAND, moist, no odd	or	0.0			
2										
		3.0'					0.0			
4	3.9'		4.0'	As above, satura	ted, no odor		0.0			
6		5.0'					0.0			
		7.0'		NATIVE SOIL Brown, mf SAND	and SILT, trace Clay, saturated	d, no odor				
8	2.0'		8.0'	Light brown, SILT	Γ, little f Sand, wet, no odor		0.0			
10		9.6'			Refusal @ 9	.6' BGS				
12										
14										
16										
18										
10										
			DOTTC::-			NOTES				
DATE	TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:				
<b>I</b>				9.6-Ft.	4.0-Ft.					

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

**PROJECT** 

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York SHEET JOB: 209288 CHKD BY: ED

BORING:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS NYSDEC ERP No. B00016

City DEQ No. 032536 CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM: 11:45 TO 12:30

GP-96

OF

DRILLER: GROUND SURFACE ELEVATION: K. Bush

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/17/2011 5/17/2011

TYPE OF DRILL RIG: CME 75 DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

D		SAMPLE					PID		XRF	
E							FIELD		FIELD	
P T	SAMPLE	SAMPLE NO.	STRATA	+	VISUAL CLASSI	FICATION	SCREEN (PPM)		SCREEN (ppm)	
Н		AND DEPTH	CHANGE		VISUAL CLASSI	FIGATION	(FFIVI)	Ag	Cd	
0	2.6'	AND DEI III	0.0'	FILL				7.9	cu	
U	2.0				ncrete, mc SAND, moist, no odo	or	0.0			
		1.0'			,,					
2							0.0			
							0.0			
		3.0'								
4	3.1'		4.0'	As above, satura	ted no odor		0.0			
	0			, io abovo, catara	100, 110 0001		0.0			
		5.0'								
6							0.0			
		7.0'								
8	1.9'		8.0'	Liaht brown, SILT	Γ, little mf Sand, saturated, no o	dor	0.0			
				3 , .	, , ,					
		9.0'			5 ( 180	51,000				
		9.5'			Refusal @ 9.	5. BGS				
10										
12				İ						
14										
16										
18										
	WATER LEVEL I	DATA ELAPSED	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	TIME	CASING	BORING	ENCOUNTERED					
				9.5-Ft.	4.0-Ft.					

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = mediumNA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING:

**PROJECT** 

City of Rochester Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

SHEET JOB: 209288

BORING:

GP-97 OF

TIME:

CHKD BY: ED

NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

Nothnagle Drilling, Inc. BORING LOCATION:

GROUND SURFACE ELEVATION:

1115 TO DATUM:

1130

DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/19/2011 5/19/2011

TYPE OF DRILL RIG: CME 75 DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLAS	SIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
Н		AND DEPTH						Ag	Cd	Cr
0	3.0'		0.0'	FILL Crushed concrete	e/crushed brick, some mc Sar	d, moist, no odor	0.0			
2		3.0'	2.3'	Light brown, SILT	Γ, little f Sand and Gravel, moi	st, no odor	0.0			106
4	4.0'		4.0'	As above, moist,	no odor		0.0			
6		6.2'		NATIVE Light brown, SILT	Γ and f SAND, moist, no odor		0.0			
8	4.0'		8.0'	As above, moist,	no odor		0.0			
10			10.2'	Light brown, mf S	SAND, some Silt, moist, no od	or	0.0			
12	3.2'	12.0'	12.0'	As above, satura	ted, no odor		0.0			
14		14.5'			Refusal @	14.5' BGS	0			
16										
18										
	WATER LEVEL	DATA ELAPSED	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	TIME	CASING	BORING	ENCOUNTERED					
				14.5-Ft.	12.0-Ft.					

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = mediumNA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING:



City of Rochester

Former Photech Imaging Site

BORING: GP-98 SHEET

OF 209288 ED

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: GROUND SURFACE ELEVATION: DRILLER: K. Bush

TIME: DATUM:

CHKD BY:

JOB:

1300 TO 1330

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

5/19/2011

5/19/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

END DATE:

SAMPLE XRF PID FIELD FIELD Е SCREEN Р SCREEN Т SAMPLE SAMPLE NO STRATA VISUAL CLASSIFICATION (PPM) (ppm) RECOVERY AND DEPTH CHANGE Н Αa Cd 0 2.4' Topsoil 0.0' 0.3' Light brown to brown, SILT, some Gravel, little f Sand, moist, no odor 0.0 2 0.0 4 0' 0.0 4 4.0 As above, moist, no odor Ligth brown, SILT and mf SAND, moist, no odor 6 6.3 6.3 0.0 8 4.0' 8.0' As above, moist, no odor 0.0 10 Light brown, mc SAND, little Silt, wet, no odor 10.8 10.8' 0.0 12 3.4 12.0' As above, saturated, no odor 0.0 14 0 Refusal @ 14.4' BGS 14.4 16 18

TIME

DATE

WATER LEVEL DATA

ELAPSED

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

GROUNDWATER

ENCOUNTERED

3) Abbreviations and = 35 to 50 % c = coarse

BOTTOM OF

CASING

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BOTTOM OF

BORING

BGS = Below the Ground Surface NA = Not Applicable

NOTES:

BORING:



City of Rochester
Former Photech Imaging Site

Former Photech Imaging Site
1000 Driving Park Avenue, Rochester, New York

 BORING:
 GP-99

 SHEET
 OF

 JOB:
 209288

ED

NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

DRILLER: K. Bush GROUND SURFACE ELEVATION:

TIME: DATUM:

CHKD BY:

1150 TO 1230

LABELLA REPRESENTATIVE: E. Dumrese START DATE: 5/19/2011

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLASS	IFICATION	PID FIELD SCREEN		XRF FIELD SCREEN	
Н		AND DEPTH			VISUAL CLASS	FICATION	(PPM)	Ag	(ppm) Cd	
0	2.4'	3.0'	0.0'	Topsoil Brown, mf SAND	, little Silt, no odor		0.0			
2							0.0			
4	3.8'		4.0'	As above, satura	ted, no odor		0.0			
6			6.5'		Γ, some mf Sand, wet, no odor		0.0			
8	3.7'		8.0'	As above, satura	ted, no odor		0.0			
10							0.0			
12	3.2'						0.0			
14			14.0' 14.3'	As above, satura Light brown, mc S	ted, no odor <u>SAND and weathered shale, sa</u> <i>Refusal</i> @ 15	urated, no odor .2' BGS	0.0			
16										
18										
DATE	TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING 15.2-Ft.	GROUNDWATER ENCOUNTERED 4.0-Ft.	NOTES:				

## GENERAL NOTES

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

 $\label{eq:fine_fine} \begin{array}{ll} \text{little} = 10 \text{ to } 20\% & \qquad \qquad \text{f} = \text{fine} \\ \text{trace} = 1 \text{ to } 10\% & \qquad \qquad \text{vf} = \text{very fine} \\ \end{array}$ 

BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

GP-100

1415 TO

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR:

City DEQ No. 032536 Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

BORING:

1445

DRILLER: GROUND SURFACE ELEVATION: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

START DATE: END DATE: 5/19/2011 5/19/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore CME 75 AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D		SAMPLE							PID		XRF	
E P									FIELD SCREEN		FIELD SCREEN	
T	SAMPLE	SAMPLE NO.	STRATA	ł	VISUA	AL CLASSIF	FICATION		(PPM)		(ppm)	
н		AND DEPTH							,	Ag	Cd	
0	3.3'		0.0'	Topsoil								
			0.3'	Light brown, SILT	Γ, little cinders/coals, s	ome Grave	el, moist, no odor		0.0			
		1.0'										
2									0.0			
					Town	inated @ 4	101000					
4					rem	mated @ 4	#.U BGS					
6								-				
8												
10												
12				ł				F				
14												
								L				
16												
18								<u> </u>				
10												
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATE	R	NOTES:					
DATE	TIME	ELAPSED	CASING	BORING	ENCOUNTERE							
		TIME		4.0-Ft.	No							
l <del></del>	L			7.016	140							

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = mediumNA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING:

City of Rochester

Former Photech Imaging Site

JOB: 209288 CHKD BY: ED

BORING:

SHEET

GP-101

OF

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

DRILLER: GROUND SURFACE ELEVATION: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

START DATE: END DATE: 5/19/2011 5/19/2011

TYPE OF DRILL RIG:

DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

				1							
D		SAMPLE						PID		XRF	
E								FIELD		FIELD	
P T	SAMPLE	SAMPLE NO.	STRATA	ł	VISH	AL CLASSIF	CATION	SCREEN (PPM)		SCREEN (ppm)	
Н		AND DEPTH			V130/	AL CLASSII	ICATION	(FFIVI)	Ag	Cd	
0	3.9'	7.11.15 52.1 111	0.0'	GRAVEL					7.9		
· ·	3.9		0.0'	Brown, SILT, sor	ne f Sand and Gravel,	moist, no d	odor	0.0			
				, ,							
		1.0'									
2								0.0			
_								0.0			
									_		
4					Term	ninated @ 4	1.0' BGS				
6											
8											
10									-		
12											
12											
14									1		
1.7											
									-		
16				İ					1		
18											
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATE		NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERE	D					
				4.0-Ft.	No						
O.E.	NEDAL NOTE				_						

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester Former Photech Imaging Site

GP-102 BORING: SHEET OF JOB: 209288

1000 Driving Park Avenue, Rochester, New York

NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

OVERBURDEN SAMPLING METHOD: Direct Push

Nothnagle Drilling, Inc. BORING LOCATION: TIME:

CHKD BY:

1515

DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

GROUND SURFACE ELEVATION:

END DATE:

1500 TO DATUM:

ED

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

START DATE: 5/19/2011

5/19/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

				•			•				
D E		SAMPLE						PID FIELD		XRF FIELD	
P								SCREEN		SCREEN	1
T	SAMPLE	SAMPLE NO.	STRATA	ł	VISUAL CI	ASSIFICATION		(PPM)		(ppm)	1
H	RECOVERY				1100/12 01			()	Ag	Cd	
0	3.4'		0.0'	Brown SILT little	e mf Sand and Gravel, moi	st no odor		0.0			
Ü	0.4		0.0	Drown, Oilly inte	o mii Gana ana Graver, mor	51, 110 0001		0.0			
		1.0'						L			
2								0.0			
-								0.0			
								-			
4					Torminate	ed @ 4.0' BGS					
7					Tommate	2 200		ļ			
								Į			
								ļ			
6								+			-
Ü								ŀ			
								-			
8				+				+			-
Ü								ŀ			
								-			
10											
								F			
12				ł							
								L			
								}			
14				1			<u> </u>				
								Į			
								ļ			
				1				ŀ			
16				†							
				1				Ţ			
								ļ			
				1				ŀ			
18											
				1				Ţ			
								ļ			
								}			
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	II.	1			
DATE	TIME	ELAPSED	CASING	BORING	ENCOUNTERED						
-		TIME		4.0-Ft.	No						
	1	1		4.0-1 L	INU	1					

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

GP-103

1430 TO

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

BORING LOCATION:

TIME: DATUM:

BORING:

1445

DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

Nothnagle Drilling, Inc. GROUND SURFACE ELEVATION:

> END DATE: 5/19/2011 5/19/2011

TYPE OF DRILL RIG:

CONTRACTOR:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

START DATE:

D E P		SAMPLE							PID FIELD SCREEN		XRF FIELD SCREEN	
T H		SAMPLE NO. AND DEPTH				VISUAL CLASSIF	FICATION		(PPM)	Ag	(ppm) Cd	
0	1.6'		0.0'	Topsoil Brown to light bro	own, SILT, some	mf Sand and Gi	ravel, moist, no odor		0.0			
		1.0'										
2						Refusal @ 2.0	o' BGS					
4												
6												
8												
10								-				
10												
12								-				
14								-				
16								-				
18								-				
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNE		NOTES:	ı				1
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUN							
				2.0-Ft.	N	0						

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = mediumNA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING:

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York BORING: GP-104 SHEET OF JOB:

209288

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY

ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

GROUND SURFACE ELEVATION:

TIME: DATUM: 1445 TO 1500

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

5/19/2011

END DATE: 5/19/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: NA

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P T H		SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASSI	FICATION	PID FIELD SCREEN (PPM)	Ag	XRF FIELD SCREEN (ppm)	
0	3.5'		0.0' 0.3'	Topsoil Brown, SILT, little	e mf Sand, little Gravel and coal	s/cinders, moist, no odor	0.0			
2		1.0'								
							0.0			
					Ti	401000				
4					Terminated @	4.0' BGS				
6										
8										
10										
12										
14										
16										
18										
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				1
DATE	TIME	ELAPSED	CASING	BORING	ENCOUNTERED	NOTES.				
DATE	THVIC	TIME	0/10/140	4.0-Ft.	No	1				

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

3) Abbreviations and = 35 to 50 % c = coarse

trace = 1 to 10%

some = 20 to 35% m = mediumlittle = 10 to 20%

f = fine vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **LABELLA**

## **PROJECT**

City of Rochester

Former Photech Imaging Site

END DATE:

1000 Driving Park Avenue, Rochester, New York

BORING: SHEET OF JOB: 209288

ED

GP-105

ТО

CHKD BY:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

5/19/2011

5/19/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

SAMPLE   SAMPLE   NO   STRATA   STRAT											
P	D		SAMPLE					PID		XRF	
SAMPLE   S	E							FIELD		FIELD	
May					1						
1.0	Т					VISUAL CLASS	SIFICATION	(PPM)			
1.0	Н	RECOVERY	AND DEPTH	CHANGE					Ag	Cd	
1.0°   1.8°	0	3.4'		0.0'	Topsoil						
1.8				0.3'	Brown, mc SAND	D, moist, no odor		0.0			
1.8			4.01								
10			1.0	1.8'	Light brown SILT	T little f Sand moist no odor					
8	2				L.g. 1. 5. 5 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	, mae i Garia, meiet, ne Gaei		0.0			
8											
8											
8									-		
8	4					Terminated @	0.4.0'BGS				
10											
10											
10										-	
10	6									+	
10											
10											
10											
10	8				1						
12											
12											
12									-		
12	10										
14											
14											
14									-		
14	12				1						
16											
16											
16									-		
16	14								1		
18											
18											
18									<u> </u>		
18	16				†						
WATER LEVEL DATA   BOTTOM OF   BOTTOM OF   BORING   ENCOUNTERED											
WATER LEVEL DATA   BOTTOM OF   BOTTOM OF   BORING   ENCOUNTERED											
WATER LEVEL DATA   BOTTOM OF   BOTTOM OF   BORING   ENCOUNTERED									<u> </u>	-	
WATER LEVEL DATA   BOTTOM OF   BOTTOM OF   BORING   ENCOUNTERED	18								1		
DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED  4.0-Ft. No											
DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED  4.0-Ft. No											
DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED  4.0-Ft. No											
DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED  4.0-Ft. No	-	WATER   EVE	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	I			
TIME TIME CASING BORING ENCOUNTERED  4.0-Ft. No			ELAPSED				110120.				
	DATE	TIIVIE	TIME	CASING			4				
					4.0-Ft.	No	_				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

END DATE:

GP-106 BORING: SHEET OF JOB: 209288

ED

1450 TO

1000 Driving Park Avenue, Rochester, New York 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc.

OVERBURDEN SAMPLING METHOD: Direct Push

BORING LOCATION: GROUND SURFACE ELEVATION: TIME:

CHKD BY:

1515

DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

5/19/2011

DATUM:

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

5/19/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

				1								
D		SAMPLE							'ID		XRF	
E									ELD		FIELD	
Р									REEN		SCREEN	
Т		SAMPLE NO.			VISU	AL CLASSIF	TICATION	(PF	PM)		(ppm)	
Н		AND DEPTH								Ag	Cd	
0	1.9'		0.0'	Topsoil	04110							
			0.3'	Some Fill and Br	own mc SAND, moist,	, no odor		0.	.0			
		1.0'							F			
2								0.	.0			
									-			
									F			
									F			
4					Term	ninated @ 4	1.0' BGS					
									-			
									F			
6												
									-			
8												
									-			
									F			
10												
									L			
									-			
12				ŧ								
									L			
									F			
14								<del>                                     </del>				
									-			
16				t								
									F			
18								-				
10									F			
									L			
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATE	ED I	NOTES:					
	TIME	ELAPSED					NOTES.					
DATE	TIME	TIME	CASING	BORING	ENCOUNTERE	ΞU						
				4.0-Ft.	No							
CEI	NEDAL NOTE											

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

3) Abbreviations and = 35 to 50 % c = coarse

trace = 1 to 10%

some = 20 to 35% m = mediumlittle = 10 to 20%

f = fine vf = very fine BGS = Below the Ground Surface

NA = Not Applicable

BORING: **GP-106** 

# **LABELLA**

## **PROJECT**

City of Rochester 1000 Driving Park Avenue, Rochester, New York

Former Photech Imaging Site

GP-107 BORING: SHEET OF JOB: 209288

ED

ТО

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

NYSDEC ERP No. B00016

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

GROUND SURFACE ELEVATION:

TIME:

DATUM:

CHKD BY:

LABELLA REPRESENTATIVE: E. Dumrese TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

NA

START DATE: 5/19/2011

5/19/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

END DATE:

D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLA	POLICIATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
	RECOVERY		CHANGE		VISUAL CLA	SSIFICATION	(PPIVI)	Ag	Cd	
0	1.9'			FILL				- 1.9		
			• • • •	Brown, mc SAND	), some crushed brick and co	ncrete, moist, no odor	0.0			
		1.0'								
		1.0								
2							0.0			
4					Terminated	@ 4.0' BCS				
4					reminated	@ 4.0 DG3				
6										
8										
8										
10										
40										
12										
14										
4.0				ļ						
16										
18										
	WATER LEVEL I	DATA ELAPSED	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	TIME	CASING	BORING	ENCOUNTERED	_				
	NEDAL NOTES			4.0-Ft.	No	_				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288

ED

GP-108

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536 BORING LOCATION:

TIME:

BORING:

CHKD BY:

DATUM:

CONTRACTOR: DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

Nothnagle Drilling, Inc.

GROUND SURFACE ELEVATION:

END DATE: 5/19/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

START DATE: 5/19/2011

> DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P T H		SAMPLE					PID		XRF	
Н							FIELD SCREEN		FIELD SCREEN	
	RECOVERY	SAMPLE NO.	STRATA		VISUAL CLASS	IFICATION	(PPM)		(ppm)	
0	RECOVERT	AND DEPTH	CHANGE					Ag	Cd	
	2.0'		0.0'	Topsoil						
				FILL		(0   10  )				
		1.0'	0.5'	Some crushed br	ick/concrete, brown, SILT, little	f Sand and Clay, moist, no odor	0.0			
		1.0								
2							0.0			
4					Terminated @	4.0' BGS				
									-	
6										
8										
10										
12										
12									-	
14									-	
16				ł						
18										$\overline{}$
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED	CASING	BORING	ENCOUNTERED					
	+	TIME		4.0-Ft.	No	1				
	ENERAL NOTE:			4.0-1 €.	140					

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

END DATE:

SHEET OF JOB: 209288

ED

GP-109

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

OVERBURDEN SAMPLING METHOD: Direct Push

Nothnagle Drilling, Inc. BORING LOCATION: K. Bush

GROUND SURFACE ELEVATION:

TIME:

CHKD BY:

BORING:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

DRILLER:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

NA

START DATE: 5/19/2011

5/19/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D		SAMPLE				PID		XRF	
E P T	SAMPLE	SAMPLE NO.	STRATA	VISUAL CLASSIFICATION		FIELD SCREEN (PPM)		FIELD SCREEN (ppm)	
Н		AND DEPTH	CHANGE				Ag	Cd	
0	1.8'	1.0'	0.0'	Brown, mc SAND and SILT, some Gravel, saturated, no odor, slig	ght sheen on water	0.0			
2		1.0				0.0			
4				Terminated @ 4.0' BGS					
4				reminated © 4.0 BGS					
6					_				
8					-				
10									
12					_				
14									
16									
18					_				
10									
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF GROUNDWATER NOTES:  BORING ENCOUNTERED	<u>.</u>				
				4.0-Ft. No					

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

3) Abbreviations and = 35 to 50 % c = coarse

trace = 1 to 10%

some = 20 to 35% m = mediumlittle = 10 to 20%

f = fine vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **LABELLA**

## **PROJECT**

City of Rochester

Former Photech Imaging Site

DRIVE SAMPLER TYPE: 4-foot Macrocore

BORING: SHEET OF JOB: 209288

ED

GP-110

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

TYPE OF DRILL RIG:

City DEQ No. 032536

TIME:

CHKD BY:

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush GROUND SURFACE ELEVATION:

LABELLA REPRESENTATIVE: E. Dumrese

DATUM:

START DATE: END DATE: 5/20/2011 5/20/2011

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

							818		VDE	
D E		SAMPLE			PID FIELD		XRF FIELD			
P		I		<u> </u>			SCREEN		SCREEN	
T H	SAMPLE RECOVERY	SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASS	IFICATION	(PPM)	Ag	(ppm) Cd	
0	2.6'		0.0'	FILL				- 19		
				Crushed brick/cru	ushed concrete, some mc Sano	, moist, no odor	0.0			
2							0.0			
4	2.0'		4.0'	As above, moist,	no odor		0.0			
4	2.0		4.0	As above, moist,	no odoi		0.0			
6							0.0			
		7.2'	7.2'	NATIVE Brown SILT oor	me mf Sand and Gravel, moist,	no odor				
		1.2				no odoi				
8	3.7'		8.0'	As above, moist,	no odor		0.0			
					- 100					
			9.5'	Light brown, SIL	Γ, little mf Sand, moist, no odor					
10							0.0			
12	3.0'		12.0'	As above, moist,	no odor		0.0			
		13.5'	13.5'	Light brown, SILT	Γ, little mf Sand, wet, no odor					
14							0.0			
					5.4.40	- 01 000				
16				<del> </del>	Refusal @ 1	0.6° BGS				
18										
10										
				BOTTOU 0-	00011101111	Notes				
DATE	WATER LEVEL	ELAPSED	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:				
DATE	THVIE	TIME	CASING	15.6-Ft.	13.5'	4				
<u> </u>		l		13.0-1 1.	10.0	=				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = mediumNA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING:

City of Rochester

Former Photech Imaging Site

END DATE:

GP-111 BORING: SHEET OF JOB: 209288

ED

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

K. Bush

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536 Nothnagle Drilling, Inc. BORING LOCATION:

GROUND SURFACE ELEVATION:

TIME:

CHKD BY:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

CONTRACTOR:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

DRILLER:

NA

START DATE: 5/20/2011

5/20/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

				1						
D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
Т	SAMPLE	SAMPLE NO.	STRATA	†	VISUAL CLA	SSIFICATION	(PPM)		(ppm)	
н		AND DEPTH					, ,	Ag	Cd	
0	2.8'		0.0'	Topsoil						
			0.3'	Brown, SILT, sor	me mf Sand and Gravel, mois	t, no odor	0.0			
		3.0'								
2							0.0			
4	2.2'		4.0'	As above, moist,	no odor		0.0			
6							0.0			
									-	
		7.3'	7.3'	Brown, SILT, sor	ne mf Sand, saturated, no od	or				
8	3.4'		8.0'	As above, satura	ted, no odor		0.0		-	
10							0.0			
10							0.0			
12	3.5'		12.0'	As above, satura	ted, no odor		0.0			
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,					
14							0.0			
					Toursington	@ 15.6' BGS				
					ı erminated	₩ 10.0 <b>D</b> GS				
16										
18										
ļ	WATER LEVEL	DATA	POTTOM OF	DOTTOM CE	CDOLINDWATER	NOTES:	İ			
		DATA ELAPSED	BOTTOM OF	BOTTOM OF	GROUNDWATER	INOTES:				
DATE	TIME	TIME	CASING	BORING	ENCOUNTERED					
<b> </b>				15.6-Ft.	7.3-Ft.					
∥ GE	NERAL NOTES	3								

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

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

and = 35 to 50 % 3) Abbreviations c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

GP-111 BORING:

City of Rochester Former Photech Imaging Site

SHEET OF JOB: 209288

ED

GP-112

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

K. Bush

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536 Nothnagle Drilling, Inc. BORING LOCATION:

GROUND SURFACE ELEVATION:

5/20/2011

TIME:

BORING:

DATUM:

CHKD BY:

LABELLA REPRESENTATIVE: E. Dumrese

DRILLER:

TYPE OF DRILL RIG:

START DATE:

END DATE: 5/20/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: NA

3) Abbreviations

and = 35 to 50 %

some = 20 to 35%

little = 10 to 20%

trace = 1 to 10%

INSIDE DIAMETER: ~1.8-Inch

BGS = Below the Ground Surface

BORING:

NA = Not Applicable

OTHER:

D E P		SAMPLE SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
Н	RECOVERY	AND DEPTH	CHANGE			Ag	Cd	
0	2.9'		0.0'	Topsoil				
			0.3'	FILL Crushed concrete/crushed brick, some mc Sand, little Gravel, moist, no odor	0.0			
2					0.0			
			3.5'	NATIVE Light brown, mf SAND, some Silt, moist, no odor				
4	3.9'		4.0'	As above, moist, no odor	0.0			
6					0.0			
			6.5'	Light brown, SILT, trace f Sand and Clay, moist, no odor				
8	4.0'		8.0'	Light brown, SILT, trace vf Sand, moist, no odor	0.0			
0	4.0		6.0	LIGHT DIOWH, SILT, trace of Sand, moist, no odor	0.0			
10					0.0			
12	3.0'	12.0'	12.0'	As above, saturated, no odor	0.0			
14								
				Refusal @ 15.5' BGS				
16								
							+	
18								
							+	
	WATER LEVEL		BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING ENCOUNTERED				
				15.5-Ft. 12.0-Ft.				

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

c = coarse

f = fine

m = medium

vf = very fine

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

SHEET JOB: 209288

GP-113

OF

ТО

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME: DATUM:

BORING:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

5/20/2011

END DATE: 5/20/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

					ı			
D		SAMPLE			PID		XRF	
E					FIELD		FIELD	
P					SCREEN		SCREEN	
T	SAMPLE	SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	(PPM)		(ppm)	
Н		AND DEPTH		VIOUAL CLACCII ICATION	(1 1 101)	Ag	Cd	
		AND DEI III				Λg	Cu	
0	3.2'		0.0'	FILL	0.0			
				Crushed Gravel/crushed, some mc Sand, moist, no odor	0.0			
2					0.0			
_					0.0			
4	4.0'		4.0'	As above, moist, no odor	0.0			
		5.01	5.01	Lighthanna CUT little ( Cond. consentaining on adam				
6		5.2'	5.2'	Light brown, SILT, little f Sand, some staining, no odor	0.0			
6					0.0		-	
8	4.0'		8.0'	As above, moist, no odor	0.0			
10					0.0			
		11.7'	11.7'	Light brown, SILT, some mf Sand and Gravel, saturated, no odor				
12	3.3'		12.0'	As above, no odor	0.0			
14					0.0			
				Refusal @ 15.0' BGS				
				Relusal @ 10.0 DGS			-	
16								
18								
<u> </u>	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:	l .			
		ELAPSED						
DATE	TIME	TIME	CASING	BORING ENCOUNTERED				
				15.0-Ft. 11.7-Ft.				
				·				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York

GP-115 BORING: SHEET OF JOB: 209288

ED

ТО

NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

Nothnagle Drilling, Inc. BORING LOCATION: TIME:

CHKD BY:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

K. Bush START DATE:

GROUND SURFACE ELEVATION: 5/20/2011

5/20/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

DRILLER:

NA

INSIDE DIAMETER: ~1.8-Inch

END DATE:

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

				1				1		
D E P T	SAMPLE	SAMPLE NO.	STRATA		VISUAL CLASS	FIGATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	ı
Н		AND DEPTH			VISUAL CLASS	FICATION	(PPIVI)	Ag	Cd	
0	2.5'	71.0 02.1 111	0.0'	Light brown SIL	Γ, little mf Sand, moist, no odor		0.0	7.9	Cu	
Ü	2.0		0.0	Light Stown, Cit	, , mae im cana, most, ne caer		0.0			
2							0.0			
			3.8'	Brown, SILT, sor	ne Clay, moist, no odor					
4	3.6'		4.0'	As above, moist,	no odor		0.0			
6										
							0.0			
		7.0'	7.0'	As above, slight	odor and staining					
8	3.3'		8.0'	AS above, slight	odor and staining		0.0			
10							0.0			
10			10.3'	Light brown, SIL	T, some f Sand, moist, no odor		0.0			
12	3.9'	12.0'	12.0'	As above, wet, n	o odor		0.0			
14							0.0			
1.4					Refusal @ 15	.5' BGS	0.0			
16				Ī						
10										
18										
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
		THVIE		15.5-Ft.	12.0-Ft.	1				
- OF	NEDAL NOTE					1				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

# **LABELLA**

## **PROJECT**

City of Rochester 1000 Driving Park Avenue, Rochester, New York

END DATE:

Former Photech Imaging Site

BORING: SHEET OF JOB: 209288

ED

GP-115

ТО

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

NYSDEC ERP No. B00016

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

CHKD BY:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

5/20/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

5/20/2011

INSIDE DIAMETER: ~1.8-Inch

OTHER:

SAMPLE   SAMPLE NO   STRATA   RECOVERY AND DEPTH   CHANGE   CHAN					1							
SAMPLE   SAMPLE NO   STRATA   NUBURICLASSIFICATION   FIELD   SORGEN   SOR	D		SAMPLE						PID		XRF	:
P   SAMPLE   SAMP			O/									
SAMPLE   S												
Mathematical Properties   Mathematical Pr		SAMPLE	SAMPLE NO	STRATA	t	VI	SUAL CLASSIE	CICATION				
1.0   1.0						••	00/12 02/10011		(			,
1.0					Light brown SIL	T little mf Sand and	d Gravel wet	no odor	0.0			
1.0°   0.7°   1.0°   0.7°   1.0°   0.7°   1.0°   0.0°	ŭ			0.3'	Concrete	i, iiiio iiii oana an	a o.a.o.,o.,		0.0			<u> </u>
## A PRINCE DATA    WATER LEVEL DATA   BOTTOM OF GROUNDWATER   BOTTOM OF GROUN			1.0'	0.7'	Brown, SILT, sor	ne Clay, trace f Sa	nd, moist, no c	dor				
## A PRINCE DATA    WATER LEVEL DATA   BOTTOM OF GROUNDWATER   BOTTOM OF GROUN												
## A PRINCE DATA    WATER LEVEL DATA   BOTTOM OF GROUNDWATER   BOTTOM OF GROUN												
8	2								0.0			
8												
8												
8												
	4					1	erminated @ 4	1.0' BGS				
10	6									<u> </u>	-	
10										-	-	+
10												
10												
12	8				Ī							
12											-	
12												
12												
14	10											
14												
14										-	-	+
14												+
16	12				İ							
16												
16												
16											+	+
16	14											
18												
18											-	$\perp$
18											+	+
18	16				†						+	
WATER LEVEL DATA   BOTTOM OF   BOTTOM OF   BORING   ENCOUNTERED												
WATER LEVEL DATA   BOTTOM OF   BOTTOM OF   BORING   ENCOUNTERED												
WATER LEVEL DATA   BOTTOM OF   BOTTOM OF   BORING   ENCOUNTERED											-	
WATER LEVEL DATA   BOTTOM OF   BOTTOM OF   BORING   ENCOUNTERED	18								<u> </u>		+	
DATE         TIME         ELAPSED TIME         CASING         BORING         ENCOUNTERED           4.0-Ft.         No												
DATE         TIME         ELAPSED TIME         CASING         BORING         ENCOUNTERED           4.0-Ft.         No												
DATE         TIME         ELAPSED TIME         CASING         BORING         ENCOUNTERED           4.0-Ft.         No										<u> </u>	-	
DATE         TIME         ELAPSED TIME         CASING         BORING         ENCOUNTERED           4.0-Ft.         No	-	WATER   EVE	DATA	BOTTOM OF	BOTTOM OF	CRUI IVIDIA	/ATER	NOTES:			_1	1
TIME TIME CASING BOKING ENCOUNTERED  4.0-Ft. No			ELAPSED					110120.				
	DATE	TIIVIE	TIME	CASING			EKED					
					4.0-Ft.	No						

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

GP-117 BORING: SHEET OF JOB: 209288

ED

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

Nothnagle Drilling, Inc. BORING LOCATION:

CONTRACTOR: DRILLER: GROUND SURFACE ELEVATION: K. Bush

TIME: DATUM:

CHKD BY:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/20/2011 5/20/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

H   RECOVERY   AND DEPTH   CHANGE     Ag   Cd	D E P T	SAMPLE SAMPLE NO. STF	VISUAL CLAS	SIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
1.0'				and a dec	0.0	Ag	Cd	
	0	2.9'	Light brown, SILT, some f Sand and Clay, mois	, no odor	0.0			
2 0.0		1.0'						
	2				0.0			
4 Terminated @ 4.0' BGS	4		Terminated (	9.4.0' BGS				
	6							
	8		<del>-  </del>					
	40							
	10							
12	12							
14	14							
16	16							
18	10							
	10							
WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER NOTES:		ELAPSED OAA		NOTES:				
DATE TIME ELAPSED CASING BORING ENCOUNTERED  4.0-Ft. No	DATE	TIME TIME CAS		4				

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = mediumNA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

GP-117 BORING:

# LABELLA Associates PC

## PROJECT

City of Rochester Former Photech Imaging Site SHEET OF JOB: 209288
CHKD BY: ED

BORING:

GP-118

ТО

1000 Driving Park Avenue, Rochester, New York

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016 City DEQ No. 032536

TIME:

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

DRILLER: K. Bush GROUND SURFACE ELEVATION:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: 5/20/2011 END DATE: 5/20/2011

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: ~1.8-Inch

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLASSI	FICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
Н		AND DEPTH			VISUAL CLASSI	FICATION	(FFIVI)	Ag	Cd	
0	3.0'		0.0'	<u>FILL</u>						
				c. GRAVEL and r	nc SAND, moist, no odor		0.0			
2										
		3.0'								
			3.1'	Brown, SILT, son	ne mf Sand, moist, no odor		0.0			
4					Terminated @	4.0' BGS				
6										
6										
8										
10										
10										
12										
14										
16										
18										
						luarra				
	WATER LEVEL	DATA ELAPSED	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	TIME	CASING	BORING	ENCOUNTERED					
L				4.0-Ft.	No					

GENERAL NOTES

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

 $\label{eq:fine_fine} \begin{array}{ll} \text{little} = 10 \text{ to } 20\% & \text{f} = \text{fine} \\ \text{trace} = 1 \text{ to } 10\% & \text{vf} = \text{very fine} \\ \end{array}$ 

BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

BORING:

TIME:

DATUM:

GP-119

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

GROUND SURFACE ELEVATION:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/20/2011 5/20/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D		SAMPLE					PID		XRF	
E		O/ IIVII LL					FIELD		FIELD	
P T	SAMPLE	SAMPLE NO.	STRATA	<u> </u>	VISUAL C	LASSIFICATION	SCREEN (PPM)		SCREEN (ppm)	
Н		AND DEPTH			VIOUAL	LAGGII IOATION	(1 1 101)	Ag	Cd	
0	1.0'		0.0'	Topsoil						
			0.2'	Brown, mc SAND	and GRAVEL, little Silt,	noist, no odor	0.0			
2										
		2.5'					0.0			
4					Termina	ed @ 4.0' BGS				
6										
8				<u> </u>						
10										
10										
12				<u> </u>						
12										
14										
14										
40										
16										
18										
	WATER LEVEL	DATA ELAPSED	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	TIME	CASING	BORING	ENCOUNTERED					
				4.0-Ft.	No					

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine NA = Not Applicable BORING: GP-119

City of Rochester

Former Photech Imaging Site

GP-120 BORING: SHEET OF JOB: 209288

ED

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

TYPE OF DRILL RIG:

City DEQ No. 032536 Nothnagle Drilling, Inc. BORING LOCATION:

TIME:

CHKD BY:

CONTRACTOR: DRILLER: K. Bush

GROUND SURFACE ELEVATION:

5/20/2011

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE:

DRIVE SAMPLER TYPE: 4-foot Macrocore

5/20/2011

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

END DATE:

				ı			1	1		
D		SAMPLE					PID		XRF	
E		3, <u>L</u> L					FIELD		FIELD	
P							SCREEN		SCREEN	
т	SAMPLE	SAMPLE NO.	STRATA	†	VISUAL CLA	SSIFICATION	(PPM)		(ppm)	
H		AND DEPTH					()	Ag	Cd	
0	2.8'		0.0'	Topsoil						1
	2.0		0.2'	FILL			0.0			
				Black, cinders/co	als, some mc Sand, moist, r	o odor				
2							0.0			
		3.2'	3.2'	Light brown SILT	Γ, little f Sand and Clay, mois	et no odor	0.0			
		3.2	3.2	Light blown, Sill	i, illue i Sand and Olay, mois	st, no odor				
4					Terminated	@ 4.0' BGS				
6										
8				<u> </u>						
0										
10										
12				Ī						
								<del>                                     </del>		
14										
16				ł						
40										
18										
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
		INVIL		4.0-Ft.	No					
		ı								

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

BORING:

GP-121

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

GROUND SURFACE ELEVATION:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR: Nothnagle Drilling, Inc.

BORING LOCATION:

TIME:

5/20/2011

DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

5/20/2011

DATUM:

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

END DATE:

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

							1			
D E P		SAMPLE					PID FIELD SCREEN	XRF FIELD SCREEN		
T	SAMPLE	SAMPLE NO.			VISUAL CLAS	SSIFICATION	(PPM)		(ppm)	
H		AND DEPTH						Ag	Cd	
0	3.1'	1.0'.	0.0'	<u>FILL</u> Brown, mc SANI	D, trace Silt and Gravel, moist,	no odor	0.0			
2							0.0			
4	2.5'		4.0'	As above, moist,	no odor		0.0			
6		6.2'	6.2'	Brown, SILT and	mc SAND, wet, no odor		0.0			
8	4.0'		8.0'	Brown, SILT, sor	ne mc Sand, saturated, no od	or	0.0			
10							0.0			
12	3.3'		12.0'	As above, satura	ted, no odor		0.0			
14					Refusal @	14.5' BGS	0			
16										
18										
					T					
DATE	TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:				
				14.5-Ft.	6.2-Ft.					
GE	NERAL NOTE	S								

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

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

and = 35 to 50 % 3) Abbreviations c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288

ED

GP-122

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536 BORING LOCATION:

5/20/2011

TIME:

CONTRACTOR: DRILLER: K. Bush

Nothnagle Drilling, Inc.

GROUND SURFACE ELEVATION:

DATUM:

BORING:

CHKD BY:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

END DATE: 5/20/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

-						1		
D		SAMPLE			PID		XRF	
E					FIELD		FIELD	
Р					SCREEN		SCREEN	
Т	SAMPLE	SAMPLE NO.		VISUAL CLASSIFICATION	(PPM)		(ppm)	
Н	RECOVERY	AND DEPTH	CHANGE			Ag	Cd	
0	2.9'		0.0'	<u>FILL</u>				
				Brown, mc SAND, GRAVEL, and crushed concrete, moist, no odor	0.0			
2								
					0.0			
4	3.9'		4.0'	As above, moist, no odor	0.0			
4	3.9		4.0	As above, moist, no odoi	0.0			
		4.6'	4.6'	Light brown, SILT, little f Sand, trace Clay and cinders/coals, moist, no odor				
_								
6					0.0			
8	3.3'		8.0'	As above, moist, no odor	0.0			
		9.6'	9.6'	Brown to black, SILT, little f Sand and Clay, wet, slight odor				
		9.6	9.0	Brown to black, SILT, little I Sand and Clay, wet, Signit odd				
10					0.0			
12	3.9'		12.0'	Light brown, Silt, little f Sand, wet, no odor	0.0			
	0.0		12.0	agin storm, one, made to data, the todal	0.0			
14				Refusal @ 14.0' BGS				
14				nelusal ⊌ 14.0 DOS		$\vdash$		
4.5								
16						$\vdash$		
						$\vdash$		
18								
						$\vdash$		
,	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				-
DATE	TIME	ELAPSED	CASING	BORING ENCOUNTERED				
		TIME						
				14.0-Ft. 9.6-Ft.				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

# **L**ABELI

## **PROJECT**

City of Rochester 1000 Driving Park Avenue, Rochester, New York

END DATE:

Former Photech Imaging Site

SHEET OF JOB: 209288

ED

GP-123

ТО

NYSDEC ERP No. B00016 City DEQ No. 032536

300 \$300 STATE STREET, ROCHESTER, NY ENVI ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

Nothnagle Drilling, Inc. BORING LOCATION: K. Bush GROUND SURFACE ELEVATION:

TIME: DATUM:

CHKD BY:

BORING:

DRILLER: LABELLA REPRESENTATIVE: E. Dumrese

TYPE OF DRILL RIG:

START DATE: 5/20/2011

5/20/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLAS	SIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
н		AND DEPTH	CHANGE				, ,	Ag	Cd	
0	1.7'		0.0'	<u>FILL</u> Dark brown, SILT	, some mc Sand, crushed bric	k, cinders/coals, moist, no odor	0.0			
2		3.0'					0.0			
4	1.9'		4.0'	As above, moist,	no odor		0.0			
6							0.0			
8		7.0'			Terminated (	0.001000				
8					reminated (	2 6.0 BGS				
10										
12										
14										
16										
18										
,	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	I	1		1
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
				8.0-Ft.	No	_				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288

ED

GP-124

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536 Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

CHKD BY:

BORING:

CONTRACTOR: DRILLER: GROUND SURFACE ELEVATION: K. Bush

START DATE: END DATE: 5/24/2011 5/24/2011

TYPE OF DRILL RIG:

DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OTHER:

D E P T	SAMPLE	SAMPLE	STRATA		VISUAL CLASS	IEICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
H		AND DEPTH	CHANGE		VIOUAL GLAGO	HIGHION	(1 1 101)	Ag	Cd	
0	3.2'	1.0'	0.0'	FILL Brown, mc SAND	), some Gravel, crushed brick/c	oncrete, moist, no odor	0.0			
							0.0			
2							0.0			
4	3.2'		4.0'	As above, moist,	no odor		0.0			
		5.0'	5.2'	NATIVE Light brown, SILT	Γ, some mf Sand, moist, no odd	r				
6							0.0			
8	1.7'		8.0'	As above, satura	ted no odor		0.0			
0	1.7		8.0	As above, satura			0.0			
					Refusal @ 9	.0' BGS				
40										
10										
12										
14										
16										
18										
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
		1111111		9.0-Ft.	8.0-Ft.					

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

END DATE:

1000 Driving Park Avenue, Rochester, New York

JOB: 209288 CHKD BY: ED

BORING:

SHEET

GP-125

OF

ТО

NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

OVERBURDEN SAMPLING METHOD: Direct Push

Nothnagle Drilling, Inc. BORING LOCATION: GROUND SURFACE ELEVATION: K. Bush

TIME:

DATUM:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

DRILLER:

LABELLA REPRESENTATIVE: E. Dumrese

NA

START DATE: 5/24/2011

5/24/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

					1			
D		SAMPLE			PID		XRF	
E					FIELD		FIELD	
P	OAMBI E	OAMBLE NO.	OTD AT:	VIOLIAL OLABOUTIOATION	SCREEN		SCREEN	
T	SAMPLE	SAMPLE NO. AND DEPTH		VISUAL CLASSIFICATION	(PPM)	Λ-	(ppm)	
Н		AND DEPTH			<del> </del>	Ag	Cd	
0	2.7'		0.0'	FILL Brown, mc SAND, some Gravel, crushed brick/concrete, little Silt, moist, no odor	0.0			
				Brown, fric SAND, some Graver, crushed brick/concrete, little Silt, frioist, no odor	0.0			
2					0.0			
				NATIVE				
4	2.1'		4.0'	Light brown, SILT, little f Sand, wet, no odor	0.0			
6					0.0			
8	1.2'		8.0'	As above, saturated, no odor	0.0			
		9.0'		Refusal @ 9.0' BGS				
40								
10								
12								
12								
14					<del> </del>			
'-								
					1			
16					<del>                                     </del>			
					1			
					1			
18					<b>—</b>			
					1			
ļ ,	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:	1	ı		
DATE	TIME	ELAPSED	CASING	BORING ENCOUNTERED				
DATE	THVIL	TIME	0/101110					
				9.0-Ft. 4.0-Ft.				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **LABELL**

## **PROJECT**

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York

END DATE:

SHEET JOB: CHKD BY:

BORING:

GP-126 OF 209288

ТО

ED

DRILLER:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR: K. Bush

OVERBURDEN SAMPLING METHOD: Direct Push

NA

NYSDEC ERP No. B00016

City DEQ No. 032536

Nothnagle Drilling, Inc. BORING LOCATION: TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

5/24/2011

GROUND SURFACE ELEVATION:

5/24/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D		SAMPLE			PID		XRF	
E P T	SAMPLE	SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	FIELD SCREEN (PPM)		FIELD SCREEN	
Н		AND DEPTH		VISUAL CLASSIFICATION	(PPIVI)	Ag	(ppm) Cd	
0	3.0'		0.0'	FILL Brown, mc SAND, some Gravel, crushed brick/concrete, Silt, moist, no odor	0.0			
2					0.0			
4	2.3'		4.0'	NATIVE Light brown to brown, mf SAND, little Silt and Gravel, moist, no odor	0.0			
6					0.0			
8	2.2'		8.0'	As above, saturated, no odor	0.0			
		9.0'		Refusal @ 9.0' BGS				
10								
12								
12								
14								
16								
18								
DATE	WATER LEVEL	ELAPSED	BOTTOM OF CASING	BOTTOM OF GROUNDWATER NOTES:  BORING ENCOUNTERED	•	•		<b>.</b>
		TIME		9.0-Ft. 8.0-Ft.				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

trace = 1 to 10%

some = 20 to 35% m = mediumlittle = 10 to 20%

f = fine vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

GP-127 BORING: OF

ED

ТО

SHEET JOB: 209288

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

K. Bush

Nothnagle Drilling, Inc. BORING LOCATION:

GROUND SURFACE ELEVATION:

TIME:

CHKD BY:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

CONTRACTOR:

DRILLER:

START DATE:

5/24/2011

END DATE: 5/24/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D		SAMPLE					PID		XRF	
E P T	SAMPLE	SAMPLE NO.	STRATA		VISUAL CLASS	FICATION	FIELD SCREEN (PPM)		FIELD SCREEN (ppm)	
Н							,	Ag	Cd	
0	2.0'		0.0'	Topsoil						
			0.2'	FILL Brown ma SAND	anna Craval arushad briak/a	ushed concrete, saturated, no odor	0.0			
				BIOWII, IIIC SAINL	o, some Graver, crushed brick/cr	usiled collcrete, saturated, no odor	0.0			
2							0.0			
4	3.4'		4.0'	NATIVE	Γ and mf SAND, moist, no odor		0.0			
4	3.4		4.0	Light brown, SiLi	and mi Sand, moist, no odor		0.0			
6							0.0			
		7.0'								
8	0.6'		8.0'	Light brown, SILT	Γ some mc Sand, saturated, no	odor	0.0			
		9.0'								
					Refusal @ 9.	0' BGS				
10										
12				ł				-		
12										
14										
16										
40										
18										
<u> </u>	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	<u> </u>			l
DATE	TIME	ELAPSED	CASING	BORING	ENCOUNTERED					
	=	TIME		9.0-Ft.	8.0-Ft.	1				
1				9.0-1 €.	0.0⁼Ft.	1				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **LABELLA**

## **PROJECT**

City of Rochester Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York

GP-128 BORING: SHEET JOB: 209288

ED

TO

NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY CONTRACTOR: Nothnagle Drilling, Inc.
DRILLER: K. Bush

TIME: DATUM:

CHKD BY:

BORING LOCATION:
GROUND SURFACE ELEVATION: LABELLA REPRESENTATIVE: E. Dumrese START DATE: 5/24/2011 END DATE:

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch OTHER:

D E		SAMPLE					PID FIELD		XRF FIELD	
P							SCREEN		SCREEN	
T	SAMPLE	SAMPLE NO.	STRATA		VISUAL CLASS	IFICATION	(PPM)		(ppm)	
Н		AND DEPTH						Ag	Cd	
0	0.01		0.01	FILL	011.7					
0	2.3'		0.0'	Grey to light brow	wn, SILT, some mc Sand and 0	Gravei, saturated, no odor				
							0.0			
							0.0			
2							0.0			
				l						
	0.41		4.01	NATIVE	T	_	0.0			
4	3.1'		4.0'	Light brown, SIL	T and mf SAND, moist, no odo		0.0			
6							0.0			
8	0.8'		8.0'	Light brown CII	T some mc Sand, saturated, no	a adar	0.0			
8	0.6		0.0	Light blown, SiL	i some mc Sanu, saturateu, m	9 0001	0.0			
		9.0'								
					Refusal @ 9	.0' BGS	1			
10										
12										
14										
16				1						
18										
١	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	•			
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
				9.0-Ft.	8.0-Ft.	1				
CE	NEDAL NOTE	^								

GENERAL NOTES

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

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

3) Abbreviations

and = 35 to 50 % some = 20 to 35% c = coarse m = medium

BGS = Below the Ground Surface NA = Not Applicable

little = 10 to 20% trace = 1 to 10%

f = fine vf = very fine

BORING:

## **LABELIA**

## **PROJECT**

City of Rochester Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York

GP-129 BORING: SHEET OF JOB: 209288 CHKD BY: ED

300 STATE STREET, ROCHESTER, NY

NYSDEC ERP No. B00016 City DEQ No. 032536

ENVIRONMENTAL ENGINEERING CONSULTANTS
CONTRACTOR: Nothnagle Drilling, Inc. Nothnagle Drilling, Inc. K. Bush DRILLER:

BORING LOCATION:
GROUND SURFACE ELEVATION: 5/24/2011

TIME: DATUM:

TO

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

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch OTHER:

END DATE:

D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
Н		AND DEPTH	CHANGE	VISUAL CLASSIFICATION	(PPIVI)	Ag	Cd	
				FILL		- 19		
0	2.5'		0.0'	Brown, mc SAND, some Gravel, crushed brick/concrete, moist, no odor				
					0.0			
2					0.0			
				NATIVE				
			3.3'	Brown, mf SAND, moist, no odor				
4	3.1'		4.0'	Light brown, SILT, little f Sand, wet, no odor	0.0			
						-		
6					0.0			
8	2.1'		8.0'	Light brown, mc SAND, saturated, no odor	0.0			
10								
		10.5'		Refusal @ 10.5' BGS				
12								
14								
16								
18								
						$\vdash$		
	MATER LEVE	DATA	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				1
DATE	WATER LEVEL TIME	ELAPSED	CASING	BORING ENCOUNTERED NOTES:				
DATE	HIVIE	TIME	CASING	DONING ENCOUNTERED				

GENERAL NOTES

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

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

4.0-Ft.

3) Abbreviations

c = coarse and = 35 to 50 % some = 20 to 35% m = medium

10.5-Ft.

little = 10 to 20% trace = 1 to 10%

f = fine vf = very fine

NA = Not Applicable

BGS = Below the Ground Surface

BORING:

## MBELLA

**PROJECT** 

City of Rochester Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York BORING: **GP-130** SHEET OF JOB: 209288 CHKD BY: ED

TO

TIME:

DATUM:

300 STATE STREET, ROCHESTER, NY

LABELLA REPRESENTATIVE: E. Dumrese

NYSDEC ERP No. B00016 City DEQ No. 032536

ENVIRONMENTAL ENGINEERING CONSULTANTS
CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:
GROUND SURFACE ELEVATION: Nothnagle Drilling, Inc. K. Bush DRILLER:

START DATE:

5/24/2011 END DATE:

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

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch OTHER:

D E P T	SAMPLE	SAMPLE SAMPLE NO.			VISUAL CLASSIF	FICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
Н	RECOVERY	AND DEPTH	CHANGE					Ag	Cd	
0	2.5'		0.0'	Asphalt Gravel Sub-base	•		0.0			
2			2.21	O	III T Kills f Const and Const.	in an ada	0.0			
			3.3'	Grey to brown, S	ILT, little f Sand and Gravel, mo	oist, no odor				
4	2.8'		4.0'	As above, moist,			0.0			
6		5.8'	5.8'	Light brown, SIL	T and mf SAND, moist, no odor		0.0			
8	1.0'	9.0'	8.0'	As above, no odo	or, saturated		0.0			
		0.0			Refusal @ 9.0	D' BGS	1			
10										
12										
14										
16										
18										
,	WATER LEVEL	DATA	воттом оғ	BOTTOM OF	GROUNDWATER	NOTES:	1			I .
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					

GENERAL NOTES

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

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

9.0-Ft.

3) Abbreviations

and = 35 to 50 % some = 20 to 35%

9.0-Ft.

c = coarse m = medium f = fine vf = very fine

NA = Not Applicable

little = 10 to 20% trace = 1 to 10%

BGS = Below the Ground Surface

**PROJECT** 

City of Rochester Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York

GP-131 BORING: SHEET JOB: 209288 CHKD BY: ED

NYSDEC ERP No. B00016 City DEQ No. 032536

00 STATE STREET, ROCHESTER, NY

CONTRACTOR: Nothnagle Drilling, Inc.
DRILLER: K. Bush

BORING LOCATION:
GROUND SURFACE ELEVATION: LABELLA REPRESENTATIVE: E. Dumrese START DATE: 5/24/2011

TIME: DATUM: TO

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

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch OTHER:

	I			1						
D E		SAMPLE					PID FIELD		XRF FIELD	
Р							SCREEN		SCREEN	1
T	SAMPLE	SAMPLE NO.	STRATA		VISUAL CLASS	IEICATION	(PPM)		(ppm)	•
Н		AND DEPTH			VISUAL CLASS	IFICATION	(PPIVI)	۸۵	Cd	
П	RECOVERY	AND DEPTH	CHANGE					Ag	Ca	
0	2.9'		0.0'	Asphalt						
U	2.5		0.3'	Gravel Sub-base						
			0.3	Graver Sub-base	•		0.0			
							0.0			
2							0.0			
			2.6'	Grey to brown, S	SILT, little f Sand, moist, no odd	r				
4	3.2'		4.0'	As above, satura	ated, no odor		0.0			
	1									
	1									
6							0.0			
-		6.5'	6.5'	Light brown SIL	T, little f Sand, saturated, no oc	lor	3.0			
		0.0	0.0	Light blown, Oil	r, intie i Garia, Saturatea, no oc	ioi				
	0.01		0.01	l			0.0			
8	2.2'		8.0'	As above, no ode	or, saturated		0.0			
10		10.0'			Refusal @ 10	0.0' BGS				
12										
14	1									
	1									
								-		
40	-			-						
16										
18	1						<del></del>			
18	1									
	1									
	1									
	1									
1	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:		- U		
DATE	TIME	ELAPSED	CASING	BORING	ENCOUNTERED					
	1	TIME	230			4				
<u> </u>	1	L	<u> </u>	10.0-Ft.	4.0-Ft.					

GENERAL NOTES

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

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

3) Abbreviations

and = 35 to 50 % some = 20 to 35% c = coarse m = medium

BGS = Below the Ground Surface NA = Not Applicable

little = 10 to 20% trace = 1 to 10%

f = fine vf = very fine

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York JOB: 209288 CHKD BY: ED

GP-132

OF

ТО

NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

Nothnagle Drilling, Inc. BORING LOCATION:

START DATE:

TIME:

BORING:

SHEET

DRILLER: GROUND SURFACE ELEVATION: DATUM: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

5/24/2011

END DATE: 5/24/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

	BURDEN SAMI		DD: Direct Pu	inside diameter: ~1.8-inch  OTHER:				
D E P T	O AMPLE	SAMPLE		WOULD OF ADDITION	PID FIELD SCREEN		XRF FIELD SCREEN	
H	SAMPLE RECOVERY	SAMPLE NO. AND DEPTH		VISUAL CLASSIFICATION	(PPM)	Ag	(ppm) Cd	
0	3.2'		0.0'	Asphalt Gravel Sub-base	0.0			
2			2.0'	Grey to black, SILT, little f Sand, moist, no odor	0.0			
			3.1'	Light brown, SILT, trace f Sand, little organics, moist, no odor				
4	3.3'		4.0'	As above, moist, no odor	0.0			
6		6.5'	6.5'	As above, wet, no odor	0.0			
8	3.0'		8.0'	Light brown, mf SAND and SILT, wet, no odor	0.0			
10		9.7'		Refusal @ 9.7' BGS				
12								
14								
16								
18								
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING ENCOUNTERED  9.7-Ft. 6.5-Ft.				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York

GP-133 BORING: SHEET OF JOB: 209288

ТО

CHKD BY: ED

TYPE OF DRILL RIG:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS K. Bush

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER:

GROUND SURFACE ELEVATION:

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

5/26/2011

5/26/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

END DATE:

D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLASSI	FICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
н	RECOVERY	AND DEPTH	CHANGE				,	Ag	Cd	
0	3.2'		0.0' 0.3'	Topsoil FILL Brown, mc SAND	), cinders/coals, crushed brick, r	noist, no odor	0.0			
2		3.4'	3.4'	NATIVE Brown, SILT, son	ne mf Sand, moist, no odor		0.0			
4	3.4'		4.0'	As above, moist,	no odor		0.0			
6		5.0'					0.0			
Ü		7.0'					0.0			
8	1.8'		8.0'	Light brown, SILT	Γ, some mf Sand, saturated, no	odor	0.0			
		9.0'			Refusal @ 9.	0' BGS				
10										
12										
14										
16				1						
10										
18										
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	ı			1
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
				9.0-Ft.	8.0-Ft.					

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester Former Photech Imaging Site BORING: GP-134 SHEET JOB: 209288

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc.

BORING LOCATION: GROUND SURFACE ELEVATION: K. Bush

TIME: DATUM:

CHKD BY:

то

ED

LABELLA REPRESENTATIVE: E. Dumrese

300 STATE STREET ROCHESTER NY

START DATE:

END DATE: 5/23/2011

TYPE OF DRILL RIG:

DRILLER:

NA

5/20/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch OTHER:

AUGER SIZE AND TYPE: OVERBURDEN SAMPLING METHOD: Direct Push

D SAMPLE PID XRF FIFLD FIELD SCREEN Ρ SCREEN Т SAMPLE SAMPLE NO STRATA VISUAL CLASSIFICATION (PPM) (ppm) CHANGE Н RECOVERY AND DEPTH Ag Cd FILL 4,399 0 0.0 68 2.2' 0.0 Brown, mc SAND, some Gravel, little crushed brick, moist, no odor Light brown, SILT, little Clay and Gravel, trace f Sand, moist, no odor 0.0 0.9 1.0' 2 0.0 3.0' 37 ight brown, SILT and mf SAND, moist, no odor 3.2 0.0 As above, moist, no odor Light brown, SILT, some mf Sand, moist, no odor 4 3.5 4.0' 0.0 0.0 4.2' 105 5.0' Light brown, SILT, little mf Sand and Gravel, moist, no odor 5.8 0.0 8 As above, moist, no odor 0.0 2.5 8.0' Light brown, SILT, little f Sand, moist, no odor 8.5' 9.1' As above, wet, no odor 0.0 10 Refusal @ 10.6' BGS 12 12.0 As above, saturated, no odor 0.0 2.8 Refusal @ 12.3' BGS 14 16 18 BOTTOM OF BOTTOM OF GROUNDWATER NOTES: WATER LEVEL DATA ELAPSED DATE TIME CASING BORING ENCOUNTERED TIME 10.6-Ft. No

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

3) Abbreviations and = 35 to 50 %c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York SHEET OF JOB: 209288

BORING:

TIME:

DATUM:

GP-135

ТО

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

GROUND SURFACE ELEVATION:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/23/2011 5/23/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H		SAMPLE NO. AND DEPTH			VISUAL CLASS	IFICATION	(PPM)	Ag	(ppm) Cd	
0	2.2'		0.0'	FILL Brown, mc SAND	), some Gravel, little crushed br	ick, moist, no odor	0.0			
2							0.0			
		3.0'	3.2'	NATIVE Light brown, SILT	and mf SAND, moist, no odor					
4	3.5'		4.0'	As above, moist,	no odor		0.0			
6		5.0'	5.8'	Light brown, SILT	, little mf Sand and Gravel, mo	ist, no odor	0.0			
8	2.5'		8.0' 8.5'	As above, moist, Light brown, SILT	no odor , little f Sand, moist, no odor		0.0			
10							0.0			
					Refusal @ 10	0.6' BGS				
12										
14										
16										
18										
	WATER : 5'.5'	DATA	DOTTO!! CT	DOTTOM OF	CDOUNDWATER	NOTES:				
DATE	WATER LEVEL TIME	ELAPSED	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:				
		TIME		10.6-Ft.	No	1				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

GP-136

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536 BORING LOCATION:

TIME: DATUM:

BORING:

CONTRACTOR: Nothnagle Drilling, Inc. DRILLER: GROUND SURFACE ELEVATION: K. Bush

END DATE: 5/23/2011

LABELLA REPRESENTATIVE: E. Dumrese

TYPE OF DRILL RIG:

START DATE: 5/23/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H	SAMPLE RECOVERY	SAMPLE NO. AND DEPTH			VISUAL CLAS	SIFICATION	(PPM)	Ag	(ppm) Cd	
0	1.3'		0.0'	FILL Brown, m SAND,	some Gravel, wet, no odor		0.0			
2							0.0			
4	2.5'	5.0'	4.0'	As above, satura	ted, no odor		0.0			
6		7.0'	6.5'	Light brown, SILT	Γ, little mf Sand, wet, no odor		0.0			
8	19'		8.0'	Light brown, mf S	SAND, some Silt, wet, no odor		0.0			
10					Refusal @	10.9' BGS	0.0			
12										
14										
16										
18										
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:			·	

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

END DATE:

JOB: CHKD BY: GP-137 OF 209288

ТО

ED

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

City DEQ No. 032536 Nothnagle Drilling, Inc. BORING LOCATION:

NA

TIME:

BORING:

SHEET

DATUM:

DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

GROUND SURFACE ELEVATION:

START DATE: 5/23/2011

5/23/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

				•						
D		SAMPLE					PID		XRF	
E		O/ IIVII EE					FIELD		FIELD	
P							SCREEN		SCREEN	
T	SAMPLE	SAMPLE NO.	STRATA	†	VISUAL CLASS	IFICATION	(PPM)		(ppm)	
H		AND DEPTH	CHANGE		V.00/12 02.100		()	Ag	Cd	
0	1.3'	/ O D L	0.0'	FILL			0.0	7.9		
U	1.3		0.0		me mf Sand and Gravel, moist,	no odor	0.0			
				Diowii, OiLi, 30i	me mi dana ana diavei, moist,	10 0001				
2							0.0			
		3.0'								
								-		
4	2.7'		4.0'	As above, satura	ated no odor		0.0			
7	2.7		4.0	, to above, battere			0.0			
		5.0'		1			1			
							1			
6					T (0 )		0.0	$\longmapsto$		
			6.4'	Light brown, SIL	T, some f Sand, moist, no odor			$\longmapsto$		
								$\vdash$		
8	2.7'		8.0'	As above, wet, n	o odor		0.0			
								igwdot		
10		40.01			Refusal @ 10	0.01.000	0.0	$\longmapsto$		
		10.8'			Relusal @ 10	7.6 BGS		$\vdash$		
12				†						
14							-	<del>                                     </del>		
14				1			1			
				1			1			
							1			
				1						
16								<u> </u>		
								$\longmapsto$		
				1			1	$\vdash$		
18										
				1			1			
				1			1			
				1			1			
<u> </u>			DOTTO:	DOTTO: 4.5-		hioteo	I	<u>i</u>		
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
				10.8-Ft.	4.0-Ft.					
CE	NEDAL NOTE				• • • • • • • • • • • • • • • • • • • •	₹				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

BORING:

GP-138

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536 Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

DRILLER: GROUND SURFACE ELEVATION: K. Bush

NA

START DATE: END DATE: 5/23/2011 5/23/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLAS	SIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
H		AND DEPTH	CHANGE		VIOONE OENO	Sil 16/1/16/1	(1 1 141)	Ag	Cd	
0	2.0'		0.0'	Topsoil			0.0			
			1.1'	FILL Black, cinders/coa	als					
2							0.0			
			3.6'	Brown, SILT, little	e Clay and f Sand, moist, no o	dor				
4	2.6'		4.0'	As above, saturat	ted, no odor		0.0			
6							0.0			
8	2.4'		8.0'	As above, saturat	ted, no odor		0.0			
10							0.0			
					Refusal @ :	0.7' BGS				
12										
14										
16										
18										
١	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	•			
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED	_				
GE	NERAL NOTES	2		10.7-Ft.	4.0-Ft.					

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

and = 35 to 50 % 3) Abbreviations c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

### **PROJECT**

City of Rochester

Former Photech Imaging Site NYSDEC ERP No. B00016

1000 Driving Park Avenue, Rochester, New York

SHEET OF JOB: 209288

GP-139

ТО

CHKD BY: ED

DRILLER:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

K. Bush

OVERBURDEN SAMPLING METHOD: Direct Push

NA

City DEQ No. 032536

Nothnagle Drilling, Inc. BORING LOCATION:

GROUND SURFACE ELEVATION:

TIME: DATUM:

BORING:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

5/23/2011

5/23/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

END DATE:

D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)
H		AND DEPTH	CHANGE	NOONE SE NOOM ON THOM	(,	Ag	Cd
0	3.6'	1.0'	0.0'	FILL Brown, mc SAND, some Gravel, some crushed brick/concrete, moist, no odor	0.0		
2			3.5'	NATIVE Light brown, SILT, little f Sand, moist, no odor	0.0		
4	3.0'		4.0'	As above, moist, no odor	0.0		
6					0.0		
8	2.2'	9.8'	8.0'	Light brown, SILT and f SAND, moist, no odor  Refusal @ 9.8' BGS	0.0		
10		9.8		Refusal @ 9.0 bgs			
12							
14							
16							
18				NOTES A CONTRACTOR NOTES			
DATE	TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF GROUNDWATER NOTES:  BORING ENCOUNTERED			
05	NEDAL NOTES			9.8-Ft. No			

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine NA = Not Applicable

## **PROJECT**

City of Rochester

Former Photech Imaging Site

SHEET JOB: 209288 ED

BORING:

GP-140

OF

ТО

1000 Driving Park Avenue, Rochester, New York

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS NYSDEC ERP No. B00016 City DEQ No. 032536

CHKD BY:

CONTRACTOR:

Nothnagle Drilling, Inc. BORING LOCATION: TIME:

DRILLER: K. Bush GROUND SURFACE ELEVATION: DATUM: LABELLA REPRESENTATIVE: E. Dumrese

TYPE OF DRILL RIG:

START DATE: END DATE: 5/23/2011 5/23/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D		SAMPLE			PID		XRF	
E P					FIELD		FIELD SCREEN	
T	SAMPLE	SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	SCREEN (PPM)		(ppm)	
H		AND DEPTH		VISUAL GLASSIFICATION	(FFIVI)	Ag	Cd	
0	2.3'	7.11.0 02.1 111		FILL		7.9		
U	2.3		0.0	Brown, mc SAND, some crushed brick, moist, no odor	0.0			
		1.0'		, , , , , , , , , , , , , , , , , , , ,				
2					0.0			
					0.0			
4	3.1'		4.0'	As above, saturated, no odor	0.0			
	0				0.0			
6					0.0			
8	2.0'		8.0'	Brown, SILT, some mf Sand, saturated, no odor	0.0			
		9.2'		Refusal @ 9.2' BGS				
		5.2		Nelusal @ 9.2 DOS				
10								
12								
14								
16								
16								
18								
10								
-	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:	l			
DATE	TIME	ELAPSED	CASING	BORING ENCOUNTERED				
DATE	INVIE	TIME	OASING					
				9.2-Ft. 4.0-Ft.				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

City of Rochester

Former Photech Imaging Site

BORING: GP-141 SHEET OF JOB: 209288

ED

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536 BORING LOCATION:

TIME:

CONTRACTOR: Nothnagle Drilling, Inc. DRILLER:

GROUND SURFACE ELEVATION: K. Bush

DATUM:

CHKD BY:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

5/23/2011

END DATE: 5/23/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

-	ı				1	1		
D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
H		AND DEPTH		VIOUNE OF CONTION	(1 1 111)	Ag	Cd	
0	1.7'		0.0'	FILL Brown, mc SAND, some Silt and Gravel, trace cinders/coals, moist, no odor	0.0			
2					0.0			
	0.01		4.01	Listshawar Cli T arms of Cond and an also				
4	3.3'		4.0'	Light brown, SILT, some mf Sand, wet, no odor	0.0			
6					0.0			
_								
8	0.8'		8.0'	As above, wet, no odor  Refusal @ 9.0' BGS	0.0			
10				Relusal @ 9.0 BOS				
12								
14								
16								
18								
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:			1	
DATE	TIME	ELAPSED TIME	CASING	BORING ENCOUNTERED				
	NEDAL NOTE	<u> </u>		9.0-Ft. 8.0-Ft.				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

JOB: 209288

CHKD BY: ED

GP-142

OF

ТО

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

BORING:

SHEET

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

5/23/2011

END DATE: 5/23/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

0	D E P T H	SAMPLE RECOVERY	SAMPLE SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASS	FICATION	PID FIELD SCREEN (PPM)	Ag	XRF FIELD SCREEN (ppm) Cd	
3.0"   3.0"   4.0"   As above, moist, no odor   0.0				0.0'	NATIVE	Γ, little mf Sand, moist, no odor		0.0			
6 6.5' As above, wet, no odor  8 1.2' 8.0' As above, saturated, no odor  10 9.5' 9.5' Gravel, saturated, no odor  11 Refusal @ 9.5' BGS  12 WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER NOTES:	2		3.0'					0.0			
8 1.2 8.0 As above, wet, no odor  8 1.2 8.0 As above, saturated, no odor  10 9.5 9.5 Gravel, saturated, no odor  11 Refusal @ 9.5 BGS  12 Water Level Data Bottom of GROUNDWATER NOTES:	4	2.9'	5.0'	4.0'	As above, moist,	no odor		0.0			
10 9.5' 9.5' Gravel, saturated, no odor Refusal @ 9.5' BGS  12 14 16	6			6.5'	As above, wet, no	o odor		0.0			
12 Refusal @ 9.5' BGS  14 14 16 STATE   ELAPSED   CASING   BOTTOM OF   GROUNDWATER   NOTES:	8	1.2'		8.0'	As above, satura	ted, no odor		0.0			
14  16  18  WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER NOTES:  DATE TIME ELAPSED CASING PORNIC BOOKING FOR COUNTERED.	10		9.5'	9.5'	Gravel, saturated	l, no odor Refusal @ 9.	5' BGS	0.0			
16  18  WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER NOTES:  DATE TIME ELAPSED CASING BODING ENCOUNTERED	12										
WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER NOTES:	14										
WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER NOTES:	16										
DATE TIME ELAPSED CASING PODING ENCOUNTEDED	18										
DATE TIME ELAPSED CASING PODING ENCOUNTEDED						T	T				
9.5-Ft. 6.5-Ft.			ELAPSED		BORING	ENCOUNTERED	NOTES:				

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

and = 35 to 50 % 3) Abbreviations c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

### **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

NYSDEC ERP No. B00016 City DEQ No. 032536

CHKD BY: ED

GP-143

209288

OF

ТО

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

DRILLER:

Nothnagle Drilling, Inc. BORING LOCATION: K. Bush

GROUND SURFACE ELEVATION:

TIME: DATUM:

BORING:

SHEET

JOB:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/23/2011 5/23/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D		SAMPLE			PID		XRF	
E		SAIVIPLE			FIELD		FIELD	
P T	SAMPLE	SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	SCREEN (PPM)		SCREEN (ppm)	
Н		AND DEPTH	CHANGE		,	Ag	Cd	
0	3.0'		0.0' 0.3'	Topsoil FILL				
			0.5	Brown, mc SAND, cinders/coals, moist, no odor				
2								
				NATIVE OUT OF THE PROPERTY OF				
			3.3'	Light brown, SILT and mf SAND, wet, no odor				
4	2.5'		4.0'	As above, moist, no odor				
6								
8	1.8'		8.0'	As above, saturated, no odor				
				Refusal @ 9.5' BGS				
				Refusal @ 9.5 BGS				
10								
12								
14								
40								
16								
40								
18								
				luarea.				
DATE	TIME	ELAPSED	BOTTOM OF CASING	BOTTOM OF GROUNDWATER NOTES:  BORING ENCOUNTERED				
DATE	TIIVIL	TIME	CAGING	9.5-Ft. 8.0-Ft.				
	1			0010				

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288

BORING:

CHKD BY:

GP-144

ТО

ED

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

DRILLER: GROUND SURFACE ELEVATION: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

START DATE: 5/24/2011

END DATE: 5/24/2011

AUGER SIZE AND TYPE: NA

TYPE OF DRILL RIG:

INSIDE DIAMETER: ~1.8-Inch

DRIVE SAMPLER TYPE: 4-foot Macrocore

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D		SAMPLE			PID XRF					
E							FIELD		FIELD	
P	CAMPLE	SAMPLE NO.	CTDATA		VICUAL CLASS	FICATION	SCREEN		SCREEN	
T H					VISUAL CLASS	FICATION	(PPM)	Ag	(ppm) Cd	
0		AND DEFIII	0.0'	FUL				Ay	Cu	
U	3.3'			FILL Brown, mc SAND	), some Silt and Gravel, little cin	ders/coals and staining, moist.	0.0			
				no odor	,,	,,				
2							0.0			
2							0.0			
		3.0'								
4	2.7'		4.0'	As above, moist,	no odor		0.0			
				rio abovo, moiot,			0.0			
		5.0'								
6										
				NATIVE						
			7.0'	Light brown, SILT	Γ, some mf Sand, wet, no odor		0.0			
8	2.2'		8.0'	As above, satura	ted, no odor		0.0			
		9.5'			Refusal @ 9	5' BGS				
10										
12										
14										
4.5										
16										
18										
10										
ļ ,	WATER LEVEL	DATA	воттом оғ	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED	CASING	BORING	ENCOUNTERED					
DATE	INVIE	TIME	CASING			4				
				9.5-Ft.	7.0-Ft.	j				

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = mediumNA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

5/23/2011

NYSDEC ERP No. B00016 City DEQ No. 032536

JOB: 209288

BORING:

SHEET

TIME:

DATUM:

CHKD BY: ED

GP-145

OF

ТО

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

Nothnagle Drilling, Inc. BORING LOCATION:

K. Bush GROUND SURFACE ELEVATION: START DATE:

END DATE: 5/23/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

DRILLER:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	XRF FIELD SCREEN (ppm)	
H		AND DEPTH		VIOUAL GLAGGII IOATION	(1 1 101)	Ag	Cd
0	2.3'		0.0'	FILL Brown, mc SAND and GRAVEL, moist, no odor	0.0		
2				<u>NATIVE</u>			
			3.1'	Light brown, mc SAND, little Silt, moist, no odor	0.0		
4	3.6'		4.0'	As above, moist, no odor	0.0		
6		6.3'			0.0		
8	2.1'		8.0'	As above, moist, no odor	0.0		
10		9.3'		Refusal @ 9.3' BGS			
12							
14							
16							
18							
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:			
DATE	TIME	ELAPSED TIME	CASING	BORING ENCOUNTERED  9.3-Ft. No			
OF.	NEDAL NOTE			J.O.I.L. 140			

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **L**ABEL

## **PROJECT**

City of Rochester

END DATE:

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

GP-146

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

K. Bush GROUND SURFACE ELEVATION: TIME:

BORING:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

DRILLER:

TYPE OF DRILL RIG:

START DATE: 6/10/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

6/10/2011

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H	SAMPLE RECOVERY	SAMPLE NO. AND DEPTH			VISUAL CLASS	IFICATION	(PPM)	Ag	(ppm)	
0	2.4'		0.0'	Light brown, SILT	, some Clay, little mf Sand and	Gravel, moist, no odor	0.0			
		1.0'								
2							0.0			
		3.0'								
4	3.4'		4.0'	Light brown, SILT	, some mf Sand, moist, no odo	r	0.0			
6		5.0'	5.8'	Light brown, SILT	, little f Sand, moist, no odor		0.0			
		7.0'								
8	1.2'		8.0'	As above, moist,			0.0			
		8.6'			Refusal @ 8.	6' BGS				
10										
12										
12										
14										
16										
18										
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:				<u> </u>
				8.8-Ft.	No					

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine NA = Not Applicable

BORING:

## **PROJECT**

1000 Driving Park Avenue, Rochester, New York

END DATE:

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288

ED

GP-147

ТО

DRILLER:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

K. Bush

OVERBURDEN SAMPLING METHOD: Direct Push

NYSDEC ERP No. B00016

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

GROUND SURFACE ELEVATION:

TIME:

BORING:

DATUM:

CHKD BY:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

NA

6/10/2011

6/10/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

					1	1		
D		SAMPLE			PID		XRF	
E		<del>-</del>			FIELD	1	FIELD	
P					SCREEN		SCREEN	
T	SAMPLE	SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	(PPM)		(ppm)	
H		AND DEPTH		VIOUAL OLAGOII IOATION	(1 1 101)	Ag	Cd	
		7.1.4D DEI 111		Light have a CH T to see f Count projet are add	0.0	Ay .	cu	
0	3.3'		0.0'	Light brown, SILT, trace f Sand, moist, no odor	0.0			
		1.0'						
		1.0						
2					0.0			
		3.0'						
4	3.6'		4.0'	As above, moist, no odor	0.0	<b>-</b>		
						<b>-</b>		
6					0.0			
8	1.5'	0.01	8.0'	As above, moist, no odor	0.0	<u> </u>		
		8.9'		Refusal @ 8.9' BGS				
						<del>                                     </del>		
10								
12								
						$\vdash$		
						<b>-</b>		
14								
16						<b> </b>		
						<del>                                     </del>		
						<b>-</b>		
18								
	WATER LEVEL		BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING ENCOUNTERED				
		TIME		8.9-Ft. No				
		ı		8.9-Ft. No				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

### **PROJECT**

City of Rochester

END DATE:

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

GP-148 BORING: SHEET OF JOB: 209288

ТО

CHKD BY: ED

DRILLER:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536

Nothnagle Drilling, Inc. BORING LOCATION: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

6/8/2011

6/8/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

OVERL	JUNDEN SAW	FLING WETTIC	DD. Dilect Fu	511		OTTEK.				
D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H	SAMPLE RECOVERY	SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLAS	SIFICATION	(PPM)	Ag	(ppm) Cd	
0	2.9'	1.0'	0.0' 0.4'	Topsoil NATIVE Light brown, SILT	Γ, little mf Sand, moist, no odo		0.0			
2		3.0'					0.0			
		3.0								
4	4.0'		4.0'	As above, moist,	no odor		0.0			
6							0.0			
8	1.0'		8.0'	As above, moist,	no odor		0.0			
		8.8'			Refusal @ a	3.8' BGS				
10										
12										
14										
16				•						
18										
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
l———	L			8.8-Ft.	No	_				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **LABEL**

## **PROJECT**

City of Rochester 1000 Driving Park Avenue, Rochester, New York

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

BORING:

GP-149

ТО

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

DRILLER: K. Bush GROUND SURFACE ELEVATION: LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 6/9/2011 6/9/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H		SAMPLE NO. AND DEPTH			VISUAL CLASS	SIFICATION	(PPM)	Ag	(ppm) Cd	
0	2.5'	1.0'	0.0' 0.5'	Topsoil <u>NATIVE</u> Light brown, SILT	Γ, some mf Sand, moist, no od	or	0.0			
2		3.0'					0.0			
4	3.8'		4.0'	As above, moist,	no odor		0.0			
6							0.0			
8	1.6'	8.8'	8.0' 8.5'	As above, wet, no weathered bedro	o odor <u>ck, dry, no odor</u> <i>Refusal</i> @ 8	8.8' BGS	0.0			
10										
12										
14										
16										
18										
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING 8.8-Ft.	ENCOUNTERED 8.0-Ft.					

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine NA = Not Applicable BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

END DATE:

SHEET OF JOB: 209288

ED

GP-150

ТО

1000 Driving Park Avenue, Rochester, New York

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

CHKD BY:

BORING:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

6/10/2011

6/10/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

								-			
D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VICUAL	CI ASSIE	CICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	ı
Н	RECOVERY	AND DEPTH	CHANGE		VISUAL	CLASSIF	FICATION	(PPIVI)	Ag	Cd	
0	2.8'	1.0'	0.0' 0.5'	Topsoil NATIVE Light brown, SILT	Γ, little f Sand and Clay, r	moist, no	o odor	0.0			
2		3.0'						0.0			
4	3.3'	5.0'	4.0'	Light brown, SILT	Γ, some mf Sand, wet, no	o odor		0.0			
6			6.3'	Light brown, SILT	Γ, little f Sand, moist, no o	odor		0.0			
8	1.1'	8.5'	8.0'	As above, satura	ted, no odor Refus	al @ 8.5	i'BGS	0.0			
10											
12											
14											
16											
18											
DATE	WATER LEVEL	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING 8.5-Ft.	GROUNDWATER ENCOUNTERED 4.0-Ft.		NOTES:	1	ı		L

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

GP-152 BORING: SHEET OF JOB: 209288

ТО

CHKD BY: ED

DRILLER:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR: K. Bush

OVERBURDEN SAMPLING METHOD: Direct Push

NYSDEC ERP No. B00016 City DEQ No. 032536

BORING LOCATION:

Nothnagle Drilling, Inc. GROUND SURFACE ELEVATION:

TIME: DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

NA

6/10/2011

END DATE: 6/10/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

	1			1		-				
D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H		SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASSI	FICATION	(PPM)	Ag	(ppm) Cd	
0	3.2'	1.0'	0.0' 0.3'	Topsoil Light brown, SILT	Γ, little mf Sand, moist, no odor		0.0			
2		3.0'					0.0			
4	2.7'	5.0'	4.0'	As above, wet, no	o odor		0.0			
6							0.0			
8	0.5'		8.0'	As above, satura	ted, no odor		0.0			
		9.2'			Refusal @ 9.	2' BGS				
10										
12										
14										
16										
18										
				BOTTOM 0-	00011101111	horro				
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:				
				9.2-Ft.	4.0-Ft.					

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288

ED

GP-153

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

TIME:

CHKD BY:

BORING:

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

DRILLER: GROUND SURFACE ELEVATION: K. Bush

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/24/2011 5/24/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLASS	IFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
Н		AND DEPTH			VISUAL CLASS	IFICATION	(PPIVI)	Ag	Cd	
0	3.3'			Brown, mc SAND	), some Gravel, crushed Gravel	moist, no odor	0.0			
				,	,		•••			
2							0.0			
4	3.2'		4.0'	Light brown, SILT	Γ, some mc Sand, moist, no odd	ır	0.0			
							0.0			
6							0.0			
8	2.1'		8.0'	As above, wet, no	o odor, some black staining		0.0			
10					Refusal @ 9.	8' BGS				
12										
14										
16										
18										
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				1
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
				9.8-Ft.	8.0-Ft.	1				

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine NA = Not Applicable BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

GP-154 BORING: SHEET OF JOB: 209288

ТО

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: K. Bush

GROUND SURFACE ELEVATION:

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

6/10/2011

END DATE: 6/10/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

DRILLER:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

	1			I						
D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	ı
T H		SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLAS	SSIFICATION	(PPM)	Ag	(ppm) Cd	
0	3.4'	1.0'	0.0'	Topsoil Light brown, SILT	Γ, little mf Sand, moist, no ode	or	0.0			
2							0.0			
		3.0'	3.6'	Brown, mc SAND	), moist, no odor					
4	4.0'	5.0'	4.0' 4.6'	As above, moist, Light brown, SILT	no odor r, some mf Sand, wet, no odo	or	0.0			
6			6.0'	Light brown, SIL1	Γ, little mf Sand, moist, no od	or	0.0			
8	1.8'		8.0'	As above, satura	ted, no odor		0.0			
10		9.4'			Refusal @	9.4' BGS				
12										
14										
16										
18										
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:		_		
		THVIL		9.4-Ft.	4.6-Ft.					

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

# LABELLA Associates, P.C.

## PROJECT

City of Rochester Former Photech Imaging Site

ormer Photech Imaging Site

SHEET OF **209288** 

ED

GP-155

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

 NEERING CONSULTANTS
 City DEQ No. 032536

 Nothnagle Drilling, Inc.
 BORING LOCATION:

GROUND SURFACE ELEVATION:

5/20/2011

TIME:

CHKD BY:

BORING:

DATUM:

DRILLER: K. Bush
LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

CONTRACTOR:

TYPE OF DRILL RIG:

E. Dumrese START DATE:

END DATE: 5/20/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: NA INSIDE DIAMETER: ~1.8-Inch

OTHER:

	1			1						
D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H	SAMPLE RECOVERY	SAMPLE NO. AND DEPTH	STRATA CHANGE	İ	VISUAL CLAS	SSIFICATION	(PPM)	Ag	(ppm) Cd	
0	3.5'	1.0'	0.0'	FILL Brown, mc SAND Grey slag	D, some Silt, crushed brick, mo	oist, no odor	0.0			
2			1.4'	Light brown, mc \$	SAND and SILT, little cinders/		0.0			
		3.0'	2.5'	Light brown, SILT	Γ, little mf Sand and Gravel, m	noist, no odor				
4	3.5'		4.0'	As above, moist,	no odor		0.0			
6							0.0			
8	4.0'		8.0'	Light brown, SILT	Γ, little mf Sand, moist, no odd	or	0.0			
10										
12					Refusal @	12 0' BCS				
12					Kelusai 🤟	12.0 803				
14										
16										
18										
Iδ										
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
11	i	Ì		12.0-Ft.	No	i				

GENERAL NOTES

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

 $\label{eq:fine_fine} \begin{array}{ll} \text{little} = 10 \text{ to } 20\% & \qquad \qquad \text{f} = \text{fine} \\ \text{trace} = 1 \text{ to } 10\% & \qquad \qquad \text{vf} = \text{very fine} \\ \end{array}$ 

BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

NYSDEC ERP No. B00016

END DATE:

1000 Driving Park Avenue, Rochester, New York

GP-156 BORING: SHEET OF JOB: 209288

ТО

CHKD BY: ED

CONTRACTOR:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

DRILLER:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

Nothnagle Drilling, Inc. BORING LOCATION: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

5/23/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

5/23/2011

OTHER:

D E		SAMPLE			PID FIELD		XRF FIELD	
P					SCREEN		SCREEN	
Т	SAMPLE	SAMPLE NO.		VISUAL CLASSIFICATION	(PPM)		(ppm)	
Н	RECOVERY	AND DEPTH	CHANGE			Ag	Cd	
0	3.3'		0.0'	FILL Brown, mc SAND, some Gravel and Silt, moist, no odor	0.0			
				Brown, the Sand, some Graver and Sill, moist, no odor	0.0			
2			2.1'	Light brown, SILT, some f Sand, moist, no odor	0.0			
			2.9'	Light brown, SILT, some mf Sand, moist, no odor				
4	4.0'		4.0'	Light brown, SILT, some mf Sand, moist, no odor	0.0			
					0.0			
6					0.0			
8	2.8'		8.0'	As above, moist, no odor	0.0			
10		10.0'		Refusal @ 10.0' BGS				
12								
12								
14								
16								
16								
18								
	MATED : 5\/5	DATA	DOTTOMOS	DOTTOM OF COOLINDWATER NOTES.				
DATE	TIME	ELAPSED	BOTTOM OF CASING	BOTTOM OF GROUNDWATER NOTES:  BORING ENCOUNTERED				
DATE	TIME	TIME	CASING					
				10.0-Ft. No				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

GP-157 BORING: SHEET OF JOB: 209288

ED

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: GROUND SURFACE ELEVATION: K. Bush

TIME: DATUM:

CHKD BY:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

END DATE: 5/23/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

5/23/2011

OTHER:

D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLASSI	FICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	ı
Н	RECOVERY	AND DEPTH	CHANGE					Ag	Cd	
0	1.9'		0.0'	FILL Brown, mc SAND	), some crushed brick/concrete,	moist, no odor	0.0			
2							0.0			
4	0.6'		4.0'	As above, moist,	no odor		0.0			
6							0.0			
8	2.1'		8.0'	As above, moist,	no odor		0.0			
10		11.6'	11.0'	Light brown, SILT	, little mf Sand, moist, no odor Refusal @ 11	.6' BGS	0.0			
12										
14										
16										
18										
DATE	TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING 11.6-Ft.	GROUNDWATER ENCOUNTERED No	NOTES:				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

DRILLER:

## **PROJECT**

City of Rochester Former Photech Imaging Site SHEET JOB:

GP-158 OF 209288

ТО

1000 Driving Park Avenue, Rochester, New York

NYSDEC ERP No. B00016

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: GROUND SURFACE ELEVATION: K. Bush

TIME:

BORING:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/23/2011 5/23/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
Т Н		SAMPLE NO. AND DEPTH	STRATA CHANGE	†	VISUAL CLASSI	FICATION	(PPM)	Ag	(ppm)	
0	3.4'		0.0' 0.4'	Topsoil Brown, SILT, sor	ne mf Sand, moist, no odor		0.0	7.9	cu	
2			3.0'	Brown, SILT, little	e f Sand, moist, no odor		0.0			
4	3.6'		4.0'	As above, moist,	no odor		0.0			
6										
8	2.1'	9.0'	8.0'	Brown to light bro	own, mf SAND, little Silt, saturat	ed, no odor	0.0			
10		10.01	11.3'	Grey, c GRAVEL	, saturated, no odor		0.0			
12		12.0'			Refusal @ 12	0' BGS				
14										
16										
18										
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:			<u> </u>	
ļ	l	l		12.0-Ft.	8.0-Ft.	1				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

END DATE:

NYSDEC ERP No. B00016

1000 Driving Park Avenue, Rochester, New York

SHEET OF JOB: 209288

GP-159

ТО

CHKD BY: ED

DRILLER:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536

Nothnagle Drilling, Inc. BORING LOCATION: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

BORING:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

5/23/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

5/23/2011

INSIDE DIAMETER: ~1.8-Inch

OTHER:

					ı			
D		SAMPLE			PID		XRF	
Е					FIELD		FIELD	
Р					SCREEN		SCREEN	
Т	SAMPLE	SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	(PPM)		(ppm)	
н		AND DEPTH	CHANGE		' '	Ag	Cd	
0	3.3'			FILL				i
	0		0	Brown, mc SAND, some Gravel, little crushed brick, moist, no odor	0.0			
2					0.0			
					0.0			
4	3.4'		4.0'	As above, moist, no odor	0.0			
			F 01	Cross CILT little mt Cond. maint no adar				
			5.3'	Grey, SILT, little mf Sand, moist, no odor				
6					0.0			
8	2.4'	8.0'	8.0'	As above, moist, no odor	0.0			
0	2.4	8.0	0.0	As above, moist, no odoi	0.0			
			9.8'	Light brown, SILT, little f Sand, wet, no odor				
10		10.4'		Refusal @ 10.4' BGS	0.0			
		10.4		Neiusai ⊜ 10.4 DOS				
12								
						$\vdash$		
14								
16								
18								
10								
	MATER LEVEL	DATA	DOTTOM 25	POTTOM OF COOLINDWATER NOTES				
	WATER LEVEL	ELAPSED	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	TIME	CASING	BORING ENCOUNTERED				
				10.9-Ft. 9.8-Ft.				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **LABEL**

## **PROJECT**

City of Rochester

Former Photech Imaging Site

END DATE:

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

SHEET OF JOB: 209288

GP-160

ТО

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

BORING:

LABELLA REPRESENTATIVE: E. Dumrese

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

5/23/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

5/23/2011

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLASS	SIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	I	
Н		AND DEPTH					` ′	Ag	Cd		
0	3.4'		0.0'	FILL Brown, mc SAND	), some crushed brick/concrete	, moist, no odor	0.0				
2							0.0				
4	3.9'		4.0' 4.7'	As above, miost, Light brown, SILT	no odor -, little mf Sand, moist, no odor		0.0				
6							0.0				
8	3.7'	8.0'	8.0'	As above, moist,	no odor		0.0				
10		10.5'			Refusal @ 1	0.5' BGS	0.0				
12											
14											
16											
18											
	WATER LEVEL I	ELAPSED	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:					
DATE	TIME	TIME	CASING	BORING	ENCOUNTERED	4					
CE	NERAL NOTES	2		10.5-Ft.	No	4					

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

and = 35 to 50 % 3) Abbreviations c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

SHEET OF JOB: 209288

GP-161

ТО

CHKD BY: ED

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

BORING:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

5/25/2011

END DATE: 5/25/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

							1			
D E		SAMPLE					PID FIELD		XRF FIELD	
P T		SAMPLE NO.	STRATA		VISUAL CLASSI	FICATION	SCREEN (PPM)		(ppm)	
H		AND DEPTH	CHANGE	FILL				Ag	Cd	
0	3.1'	1.0'	0.0'	FILL Brown, mc SAND	), some crushed brick/concrete,	moist, no odor	0.0			
2										
		3.0'	2.9'	Brown, SILT, son	ne Clay, little f Sand, moist, no c	dor	0.0			
4	4.0'		4.0'	As above, moist,	no odor		0.0			
		5.0'								
6		7.01					0.0			
		7.0'								
8	2.5'		8.0'	Light brown, SILT	and mf SAND, moist, no odor		0.0			
		9.0'								
10		10.0'			Refusal @ 10	.0' BGS				
12				<u> </u>						
14										
16				†						
18										
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	l			L
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
		l		10.0-Ft.	No	1				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

JOB: 209288 CHKD BY: ED

GP-162

OF

ТО

NYSDEC ERP No. B00016 City DEQ No. 032536

5/25/2011

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR:

NA

Nothnagle Drilling, Inc. BORING LOCATION: K. Bush

GROUND SURFACE ELEVATION:

TIME:

BORING:

SHEET

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

DRILLER:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

END DATE: 5/25/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

				•						
D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	ı
T H	SAMPLE RECOVERY	SAMPLE NO. AND DEPTH		1	VISUAL CLA	SSIFICATION	(PPM)	Ag	(ppm) Cd	
0	3.1'	AND DEFITT	0.0'	FILL				Ag	Cu	
		1.0'		Brown, mc SANE	O, some crushed brick/concre	te, moist, no odor	0.0			
2							0.0			
		3.0'	3.6'	NATIVE Brown, SILT, little	e mf Sand, moist, no odor					
4	3.8'		4.0'	As above, moist,	no odor		0.0			
		5.0'								
6							0.0			
		7.0'	7.0'	Light brown, SILT	Γ, some mf Sand, moist, no o	dor				
8	3.2'		8.0'	As above, wet, no	o odor		0.0			
٥	3.2		6.0	As above, wet, in	o odol		0.0			
		9.0'								
40		40.0			Refusal @	140 0/000				
10		10.0'			Relusal @	: 10.0 BGS				
12				 <del> </del>						
12										
14										
16				+						
18										
,	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	[	1	I	
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
				10.0-Ft.	8.0-Ft.					

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **LABEL**

**PROJECT** 

City of Rochester

Former Photech Imaging Site

NYSDEC ERP No. B00016

1000 Driving Park Avenue, Rochester, New York

SHEET OF JOB: 209288

GP-163

ТО

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

BORING:

DRILLER: K. Bush GROUND SURFACE ELEVATION: LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/25/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE: NA

OVERBURDEN SAMPLING METHOD: Direct Push

CONTRACTOR:

5/25/2011

City DEQ No. 032536

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

	1							
D		SAMPLE			PID		XRF	
E					FIELD		FIELD	
P				VIOLUL OL 400/5/04 57/04/	SCREEN		SCREEN	ļ
T H		SAMPLE NO. AND DEPTH		VISUAL CLASSIFICATION	(PPM)	۸-	(ppm) Cd	
		AND DEPTH				Ag	Ca	
0	3.1'		0.0'	FILL Brown, mc SAND, some crushed brick/concrete, moist, no odor	0.0			
		1.0'		Brown, file SAND, some crusited blick concrete, filoist, no odor	0.0			
2					0.0			
		3.0'						
	0.01		4.01	NATIVE	2.2			
4	2.6'		4.0'	Light brown, SILT, little f Sand, moist, no odor	0.0			
		5.0'						
6					0.0			
		7.0'			0.0			
	2.8'		8.0'	As above just no aday	0.0			
8	2.8		8.0	As above, wet, no odor	0.0			
		9.0'						
10		10.5'		Refusal @ 10.5' BGS				
10		10.5		Relusar @ 10.5 BGS				
12								
12								
14								
'-								
16								
18								
1	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:		1		
DATE	TIME	ELAPSED	CASING	BORING ENCOUNTERED				
	=	TIME						
	1			10.5-Ft. 8.0-Ft.				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

GP-164 OF 209288

ТО

ED

1000 Driving Park Avenue, Rochester, New York

NYSDEC ERP No. B00016 City DEQ No. 032536

ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

Nothnagle Drilling, Inc. BORING LOCATION: GROUND SURFACE ELEVATION: K. Bush

TIME:

BORING:

SHEET

JOB:

DATUM:

CHKD BY:

LABELLA REPRESENTATIVE: E. Dumrese

300 STATE STREET, ROCHESTER, NY

DRILLER:

START DATE: 5/25/2011 END DATE: 5/25/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

OVERBURDEN SAMPLING METHOD: Direct Push

NA

INSIDE DIAMETER: ~1.8-Inch

DRIVE SAMPLER TYPE: 4-foot Macrocore

OTHER:

-	ı					1		
D E P		SAMPLE			PID FIELD SCREEN		XRF FIELD SCREEN	
T H	SAMPLE RECOVERY	SAMPLE NO. AND DEPTH		VISUAL CLASSIFICATION	(PPM)	Ag	(ppm) Cd	
0	3.3'	1.0'	0.0'	FILL Brown, mc SAND, some crushed Gravel, concrete, brick, moist, no odor	0.0			
2		3.0'			0.0			
4	2.9'	5.0'	4.0'	NATIVE Light brown, SILT, some mf Sand, moist, no odor	0.0			
6		7.0'			0.0			
8	2.2'	9.0'	8.0'	As above, wet, no odor	0.0			
40				Refusal @ 10.0' BGS				
10				Refusal @ 10.0 BGS				
12								
14								
16								
18								
<u> </u>	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING ENCOUNTERED NOTES.				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

JOB: 209288 CHKD BY: ED

GP-165

OF

ТО

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

GROUND SURFACE ELEVATION:

TIME:

BORING:

SHEET

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

5/25/2011

END DATE: 5/25/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

OVERBURDEN SAMPLING METHOD: Direct Push

INSIDE DIAMETER: ~1.8-Inch

OTHER:

					1			
D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
н		AND DEPTH		VISUAL CLASSIFICATION	(FFIVI)	Ag	Cd	
0	3.5'		0.0'	FILL				
				Brown, mc SAND, some crushed concrete/brick, moist, no odor	0.0			
		1.0'						
		1.0						
2				NATIVE	0.0			
		3.0'	2.7'	Grey to brown, SILT, little f Sand, moist, no odor				
4	2.9'		4.0'	As above, saturated, no odor	0.0			
7	2.3		4.0	AS above, Saturated, no odor	0.0			
		5.01						
		5.0'						
6					0.0			
		7.0'						
8	1.8'		8.0'	Light brown, SILT, some mf Sand, saturated, no odor	0.0			
٥	1.0		6.0	Light blown, Sill, Some IIII Sand, Saturated, no odor	0.0			
		9.3'		Refusal @ 9.8' BGS				
10								
40								
12								
14								
40								
16								
18								
	WATER LEVEL	DATA ELAPSED	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	TIME	CASING	BORING ENCOUNTERED				
	NEDAL NOTE			9.8-Ft. 4.0-Ft.				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York

END DATE:

SHEET OF JOB: 209288

ED

GP-166

ТО

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

NYSDEC ERP No. B00016

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

CHKD BY:

BORING:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

5/25/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

5/25/2011

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)
Н		AND DEPTH		VISUAL CLASSIFICATION	(FFIVI)	Ag	Cd
0	3.3'	1.0'	0.0'	FILL Brown, mc SAND, some Gravel, crushed brick, concrete, moist, no odor	0.0		
2		3.0'			0.0		
4	2.9'	5.0'	4.0'	As above, moist, no odor	0.0		
6		7.0'		<u>NATIVE</u>	0.0		
8	2.1'	9.0'	8.0'	Light brown, SILT, little f Sand, moist, no odor	0.0		
10		10.5'		Refusal @ 10.5' BGS	0.0		
12							
14							
16							
18							
DATE	TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING         GROUNDWATER ENCOUNTERED         NOTES:           10.5-Ft.         No			
- CE	NEDAL NOTE		1				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **LABEL**

## **PROJECT**

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

GP-167

ТО

1000 Driving Park Avenue, Rochester, New York

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

NYSDEC ERP No. B00016

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush GROUND SURFACE ELEVATION:

TIME: DATUM:

BORING:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

5/25/2011

END DATE: 5/25/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA OVERBURDEN SAMPLING METHOD: Direct Push DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch OTHER:

D E P T		SAMPLE NO. AND DEPTH			VISUAL CLAS	SIFICATION	PID FIELD SCREEN (PPM)	Ag	XRF FIELD SCREEN (ppm)	
0	2.5'		0.0'	FILL Brown mc SAND	), some crushed brick, concret	a maist no adar	0.0			
		1.0'		Blown, mc SANL	, some crushed blick, concret	e, moist, no oddi	0.0			
2							0.0			
		3.0'								
4	3.8'		4.0'	As above, moist,	no odor		0.0			
		5.0'								
6							0.0			
		7.0'		NATIVE Light brown, SILT	Γ, little f Sand, moist, no odor					
8	2.7'		8.0'	As above, moist,	no odor		0.0			
		9.0'								
10							0.0			
		10.7'			Refusal @ 1	0.7' BGS				
12										
14										
16										
18										
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	1			
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
				10.7-Ft.	No					

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING: **GP-167** 

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288

ED

BORING:

CHKD BY:

GP-168

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR:

City DEQ No. 032536 Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

DRILLER: K. Bush GROUND SURFACE ELEVATION: LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/25/2011 5/25/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E		SAMPLE					PID FIELD		XRF FIELD	
P T H		SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASSI	FICATION	SCREEN (PPM)	Ag	SCREEN (ppm) Cd	
0	3.2'	1.0'	0.0'	FILL Brown, mc SAND	), some crushed concrete, brick	moist, no odor	0.0	7.9		
2							0.0			
4	4.0'	3.0'	4.0'	<u>NATIVE</u> Light brown, SILT	, little f Sand and Clay, moist, n	o odor	0.0			
		5.0'								
6		7.0'					0.0			
8	1.1'	9.0'	8.0'	As above, moist,	no odor		0.0			
10					Refusal @ 9.	7' BGS				
12										
14										
16										
18										
DATE	WATER LEVEL	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING 9.7-Ft.	GROUNDWATER ENCOUNTERED No	NOTES:		1		

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

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine NA = Not Applicable BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

END DATE:

SHEET OF JOB: 209288

GP-169

ТО

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

BORING:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

5/25/2011

5/25/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D		SAMPLE			PID		XRF	
Е					FIELD	1	FIELD	
Р					SCREEN		SCREEN	
Т	SAMPLE	SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	(PPM)		(ppm)	
Н		AND DEPTH			,	Ag	Cd	
0	2.2'			FILL				
0	2.2		0.0	Brown, mc SAND, some cinders/coals, moist, no odor	0.0			
		1.0'		, , , , , , , , , , , , , , , , , , , ,				
2					0.0			
		3.0'						
		3.0						
				NATIVE				
4	3.4'		4.0'	Light brown, SILT, some mf Sand, moist, no odor	0.0			
		5.0'						
					0.0			
6					0.0			
		7.0'						
8	2.9'		8.0'	As above, moist, no odor	0.0			
		9.0'						
10					0.0			
		11.0'		Refusal @ 11.0' BGS				
12								
12								
14						<u> </u>		
						<del>                                     </del>		
16								
						<u> </u>		
18								
ıδ								
1	WATER LEVEL		BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING ENCOUNTERED				
		I IIVIE		11.0-Ft. No				
				1100 C 140				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

# LABELLA Associates, P.C.

## PROJECT

City of Rochester

Former Photech Imaging Site

JOB: 209288
CHKD BY: ED

BORING:

SHEET

GP-170

OF

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS
CONTRACTOR: Nothnagle Drilling, Inc.

Netring Consultants City DEQ No. 032536

Nothnagle Drilling, Inc. BORING LOCATION:

DRILLER: K. Bush GROUND SURFACE ELEVATION:

TIME: DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: 5/25/2011 END DATE: 5/25/2011

TYPE OF DRILL RIG:
AUGER SIZE AND TYPE: NA

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

				1						
D		SAMPLE					PID		XRF	
E		O/ LL					FIELD		FIELD	
P							SCREEN		SCREEN	
T	SAMPLE	SAMPLE NO.	STRATA	ł	VISUAL CI	ASSIFICATION	(PPM)		(ppm)	
		AND DEPTH			VISUAL CL	ASSIFICATION	(PPIVI)	Λ-		
Н		AND DEPTH	CHANGE					Ag	Cd	
0	0.4'		0.0'	Brown, SILT, little	e mf Sand, moist, no odor		0.0			
2							0.0			
		2.5'					0.0			
		2.5								
				NATIVE						
4	0.6'		4.0'	Light brown, SIL	Γ, little f Sand, moist, no od	or	0.0			
				3 , .	,,,					
6		6.0'					0.0			
8	2.8'		8.0'	Light brown mf 9	SAND and SILT, moist, no	odor	0.0			
٥	2.0		6.0	Light blown, mi	SAND and SILT, moist, no t	odoi	0.0			
		9.0'								
		0.0								
10										
		11.9'			Refusal	@ 11.9' BGS				
12										
14										
				[						
16										
								<u> </u>		
								<b>—</b>		
18								<b> </b>		
10										
,	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	<b>I</b>		1	L
DATE	TIME	ELAPSED	CASING	BORING	ENCOUNTERED					
DATE	INVIE	TIME	CASING							
				11.9-Ft.	No					
CEI	NEDAL NOTE					•				

GENERAL NOTES

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

 $\label{eq:ff} \begin{array}{ll} \text{little} = 10 \text{ to } 20\% & \qquad & \text{f = fine} \\ \text{trace} = 1 \text{ to } 10\% & \qquad & \text{vf = very fine} \end{array}$ 

BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **LABEL**

**PROJECT** 

City of Rochester

Former Photech Imaging Site

JOB: 209288 CHKD BY: ED

BORING:

SHEET

GP-171

OF

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

TIME:

DATUM:

CONTRACTOR: DRILLER: K. Bush LABELLA REPRESENTATIVE: E. Dumrese

Nothnagle Drilling, Inc. BORING LOCATION:

GROUND SURFACE ELEVATION: START DATE: END DATE: 5/25/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

5/25/2011

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

				ı			ı			
D E P	OAMBLE	SAMPLE	OTDATA		W0141 01 400	NEGATION	PID FIELD SCREEN		XRF FIELD SCREEN	
T H	SAMPLE	SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASS	SIFICATION	(PPM)	Ag	(ppm) Cd	
0	3.4'	AND DEI III		Brown SILT son	ne mf Sand, little Gravel, some	cinders/coals moist no odor	0.0	Ag	cu	
o	0.4		0.0	Brown, OLLY, SOI	ne mi cana, mac cravei, come	omacro/codio, moist, no caor	0.0			
		4.01								
		1.0'								
2							0.0			
		3.0'								
		3.0								
4	3.5'		4.0'	Light brown, SIL	Γ, little f Sand, moist, no odor		0.0			
		5.0'								
6							0.0			
o							0.0			
		7.0'								
8	4.0'		8.0'	As above, moist,	no odor		0.0			
		9.0'								
		9.0								
10										
		11.0'								
12					Refusal @ 1.	2.0' BGS				
14										
40										
16										
18										
-										
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
				12.0-Ft.	No					
GEI	NERAL NOTE:	S				1				

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

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

and = 35 to 50 % 3) Abbreviations c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## LABELLA Associates, R.C.

### PROJECT

City of Rochester

Former Photech Imaging Site

BORING: GP-172

SHEET OF

JOB: 209288

ED

ТО

CHKD BY:

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME:
TION: DATUM:

DRILLER: K. Bush GROUND SURFACE ELEVATION: DATE

LABELLA REPRESENTATIVE: E. Dumrese START DATE: 5/25/2011 END DATE: 5/25/2011

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore
INSIDE DIAMETER: ~1.8-Inch

OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

D E P T H	SAMPLE RECOVERY	SAMPLE NO. AND DEPTH	STRATA CHANGE	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	Ag	XRF FIELD SCREEN (ppm)	
0	2.2'	1.0'	0.0'	FILL Brown, mc SAND, some crushed Gravel, crushed concrete, moist, no odor	0.0	7.9	- Cu	
2		3.0'	3.4'	NATIVE Light brown, SILT, little mf Sand, moist, no odor	0.0			
4	3.1'	5.0'	4.0'	As above, moist, no odor	0.0			
6		7.0'			0.0			
8	4.0'	9.0'	8.0'	Light brown, SILT and mf SAND, moist, no odor	0.0			
10		11.0'			0.0			
12				Refusal @ 12.2' BGS				
14								
16								
18								
	WATER LEVEL		BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING ENCOUNTERED  12.2-Ft. No				

GENERAL NOTES

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

 $\label{eq:fine_fine} \begin{array}{ll} \text{little} = 10 \text{ to } 20\% & \qquad \qquad \text{f} = \text{fine} \\ \text{trace} = 1 \text{ to } 10\% & \qquad \qquad \text{vf} = \text{very fine} \\ \end{array}$ 

BGS = Below the Ground Surface NA = Not Applicable

able

BORING: GP-172

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York BORING: SHEET OF JOB: 209288

ED

CHKD BY:

BORING:

GP-173

GP-173

ТО

NYSDEC ERP No. B00016 City DEQ No. 032536 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME:

5/26/2011

DRILLER: GROUND SURFACE ELEVATION: DATUM: K. Bush LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE:

5/26/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D		SAMPLE					PID		XRF	
E							FIELD		FIELD	
P							SCREEN		SCREEN	
Т	SAMPLE	SAMPLE NO.	STRATA	İ	VISUAL CLAS	SIFICATION	(PPM)		(ppm)	
Н		AND DEPTH					, ,	Ag	Cd	
0	3.4'		0.0'	Brown SILT little	e mf Sand and Gravel, moist, r	oo odor	0.0			
U	3.4		0.0	Diowii, Siei, iittie	e IIII Sailu allu Giavei, Illoist, i	10 0001	0.0	-		
		1.0'								
2				NATIVE						
		0.01	2.2'	Light brown, SILT	Γ, trace f Sand and Clay, moist	t, no odor	0.0			
		3.0'								
4	3.5'		4.0'	As above, moist,	no odor		0.0			
·	0.0			, to above, motor,			0.0			
		5.0'								
6										
		7.0'	6.7'	Light brown CILT	Γ and mf SAND, moist, no odo		0.0			
		7.0	6.7	Light blown, Sich	I and mi SAND, moist, no odo	I	0.0			
8	3.8'		8.0'	As above, moist,	no odor		0.0			
				, , , , , , , , , , , , , , , , , , , ,						
		9.0'								
40			9.9'	As above, wet, no	o odor		0.0			
10		11.0'					0.0			
		11.0								
12	1.6'		12.0'	As above, wet, no	o odor		0.0			
		40.0			Refusal @ 1	0.01.000				
		13.2'			Refusal @ 1	3.2 BGS				
14										
				<b>.</b>				1		
16								<u> </u>		
								$\vdash$		
								$\vdash$		
18										
								<u> </u>		
	MATER LEVE	DATA	BOTTOM OF	BOTTOM OF	COUNDWATER	NOTES:	l			
	WATER LEVEL	ELAPSED			GROUNDWATER	INUTES.				
DATE	TIME	TIME	CASING	BORING	ENCOUNTERED					
				13.2-Ft.	9.5-Ft.					

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = medium

little = 10 to 20% f = fine NA = Not Applicable trace = 1 to 10% vf = very fine

## **PROJECT**

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

BORING:

GP-174

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush GROUND SURFACE ELEVATION:

TIME: DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/26/2011 5/26/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E		SAMPLE					PID FIELD		XRF FIELD	
P T H	SAMPLE RECOVERY	SAMPLE NO. AND DEPTH			VISUAL CLASS	SIFICATION	SCREEN (PPM)	Ag	SCREEN (ppm) Cd	
0	3.7'	AND BEI III	0.0'	FILL Brown to black S	SILT and mc SAND, some mf S	and and Gravel, moist, slight odor	0.0	7.9	cu	
		1.0'		Drown to black, c	SILT and the GAIVE, Some this o	and and Graver, moist, slight oddr	0.0			
2							0.0			
		3.0'								
4	3.2'		4.0'	NATIVE Light brown, SILT	Γ, little mf Sand, moist, no odor		0.0			
		5.0'								
6		7.0'					0.0			
		7.0								
8	4.0'		8.0'	As above, moist,	no odor		0.0			
		9.0'								
10							0.0			
12		12.3'			Refusal @ 1.	2.3' BGS				
14										
16										
18										
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	1			
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED	_				
				12.3-Ft.	No	<b>」</b>				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = mediumNA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING:

City of Rochester Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

NYSDEC ERP No. B00016

JOB: ED

CHKD BY:

BORING:

SHEET

209288

GP-175

OF

ТО

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: GROUND SURFACE ELEVATION: K. Bush

TIME: DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/26/2011 5/26/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P T H		SAMPLE NO. AND DEPTH			VISUAL CLASS	SIFICATION	PID FIELD SCREEN (PPM)	Ag	XRF FIELD SCREEN (ppm)	
0	3.1'	AND DEF III	0.0'	FILL Brown, mc SAND staining, no odor		el, brick, concrete, moist, some	0.0	Ag	Cu	
2							0.0			
4	4.0'		4.0'	As above, moist,	no odor		0.0			
6			6.0'	NATIVE Light brown, SILT	and CLAY, moist, no odor		0.0			
8	3.8'		8.0'	As above, moist,	no odor		0.0			
10			9.8'	Light brown, SILT	Γ, some mf Sand, mois, no odo	r	0.0			
12	2.6'	13.7'	12.0'	As above, satura	ted, no odor Refusal @ 1	3.7' BGS	0.0			
14										
16										
18										
DATE	WATER LEVEL TIME	ELAPSED	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:	<u> </u>			
5.112		TIME	3,3110	13.7-Ft.	12.0-Ft.	_				

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = mediumNA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING:

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

BORING: SHEET OF JOB:

209288

GP-176

ТО

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY

ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536

Nothnagle Drilling, Inc. BORING LOCATION: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

DRILLER:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

END DATE: 5/26/2011

5/26/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

	1			1						
D E		SAMPLE					PID FIELD		XRF FIELD	
Р							SCREEN		SCREEN	ı
Т	SAMPLE	SAMPLE NO.	STRATA	Ť	VISUAL CLAS	SSIFICATION	(PPM)		(ppm)	
Н		AND DEPTH					,	Ag	Cd	
0	3.4'		0.0'	<u>FILL</u>						
				Brown, mc SAND	), some crushed gravel, conc	rete, moist, no odor	0.0			
		1.0'								
2				NATIVE						
			2.7'	Light brown, SILT	, little mf Sand, moist, no od	or	0.0			
		3.0'								
ļ	3.2'		4.0'	Light brown, mf S	SAND, little Silt, moist, no odo	or	0.0			
					,					
		5.0'								
i							0.0			
							0.0			
		7.0'								
;	3.4'		8.0'	Light brown SILT	, little mf Sand, moist, no od	or	0.0			
,	3.4		0.0	Light blown, Sill	, iittie iiii Sanu, moist, no ou	oi.	0.0			
		9.0'								
^										
0							0.0			
							0.0			
		11.2'			Refusal @	11.2' BGS				
_				<u> </u>						
2										
4										
				1						
_				4						
6										
_				1						
8										
				1						
				ļ						
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
TE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
				11.2-Ft.	8.0-Ft.					

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING: **GP-176** 

# **L**ABEL

### **PROJECT**

City of Rochester

Former Photech Imaging Site

GP-177 BORING: SHEET OF JOB: 209288

ED

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

K. Bush

OVERBURDEN SAMPLING METHOD: Direct Push

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME: DATUM:

CHKD BY:

LABELLA REPRESENTATIVE: E. Dumrese

GROUND SURFACE ELEVATION:

START DATE: 5/26/2011 END DATE: 5/26/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

DRILLER:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

City DEQ No. 032536

								1		
D		SAMPLE					PID		XRF	
E							FIELD		FIELD	
Р							SCREEN		SCREEN	
Т		SAMPLE NO.			VISUAL CLASS	FICATION	(PPM)		(ppm)	
Н	RECOVERY	AND DEPTH						Ag	Cd	
0	4.0'		0.0'	<u>FILL</u>						
		1.0'		Brown, mc SANE	), little Silt and Gravel, moist, no	odor	0.0			
		1.0								
2							0.0			
		3.0'								
				NATIVE						
4	3.1'		4.0'	Light brown, SILT	Γ and mf SAND, moist, no odor		0.0			
		5.0'								
6							0.0			
-										
		7.0'								
8	2.3'		8.0'	As above, satura	ted no odor		0.0			
	2.0		0.0	As above, satura	tea, no odoi		0.0			
		9.7'			Refusal @ 9.	7' BGS				
10										
10										
12										
14										
16										
								-		
18										
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED	CASING	BORING	ENCOUNTERED					
<b> </b>		TIME		9.7-Ft.	8.0-Ft.	1				
	l .	l l		9.7-Fi.	0.U-Fl.	4				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

SHEET OF JOB: 209288

GP-178

ТО

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

BORING:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

DRILLER:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

END DATE: 5/26/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

5/26/2011

INSIDE DIAMETER: ~1.8-Inch

OTHER:

						1		
D		SAMPLE			PID		XRF	
E					FIELD	1	FIELD	
Р					SCREEN		SCREEN	
Т	SAMPLE	SAMPLE NO.		VISUAL CLASSIFICATION	(PPM)		(ppm)	
Н	RECOVERY	AND DEPTH			1	Ag	Cd	
0	3.5'		0.0'	<u>FILL</u>	1			
		4.01		Brown, mc SAND, little Silt and Gravel, moist, no odor	0.0	<u> </u>		
		1.0'						
2					0.0			
		3.0'	0.41	Desire are CAND are interested				
			3.4'	Brown, mc SAND, moist, no odor				
4	3.0'		4.0'	As above, wet, no odor	0.0			
		5.01			1			
		5.0'			1			
6					0.0			
		7.0'						
8	1.1'		8.0'	Light brown, SILT, little mf Sand, wet, no odor	0.0			
			0.0		0.0			
		9.0'		Refusal @ 9.0' BGS				
10								
10								
12								
12								
14					-			
'-					1			
					1			
					1			
16					-			
10					1			
					1			
					1			
18					<del>                                     </del>			
10					1			
					1			
					1			
ļ	MATER LEVE:	DATA	DOTTOM CT	POTTOM OF COOLINDWATER NOTES.	1			
	WATER LEVEL	DATA ELAPSED	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	TIME	CASING	BORING ENCOUNTERED				
<b></b>				9.3-Ft. 4.0-Ft.				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

BORING:

GP-179

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush GROUND SURFACE ELEVATION:

TIME: DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 5/26/2011 5/26/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D		SAMPLE					PID		XRF	
E P							FIELD SCREEN		FIELD SCREEN	
T	SAMPLE	SAMPLE NO.	STRATA		VISUAL CLASS	IFICATION	(PPM)		(ppm)	
Н		AND DEPTH					, ,	Ag	Cd	
0	4.0'		0.0'	FILL						
		4.01			), little Silt and Gravel, moist, no	odor	0.0			
		1.0'	1.9'	NATIVE	Γ, little mf Sand, moist, no odor					
				Ligit brown, Oil i	, inde fili Garia, molet, ne oder					
2							0.0			
		3.0'								
	2.8'		4.0'	As about maint	no odos		0.0			
4	2.8		4.0	As above, moist,	110 0001		0.0			
		5.0'								
6							0.0			
		7.0'								
8	1.8'		8.0'	Light brown, SIL7	$\Gamma$ and mf SAND, saturated, no o	dor	0.0			
		9.0'			Refusal @ 9	0' BGS				
		0.0			rioladar © 0					
10										
12				,						
14										
40										
16										
										]]
18										
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	•			,
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
		=		9.0-Ft.	8.0-Ft.					

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = medium

little = 10 to 20% f = fine NA = Not Applicable trace = 1 to 10% vf = very fine

BORING: GP-179

## **PROJECT**

City of Rochester

Former Photech Imaging Site

END DATE:

1000 Driving Park Avenue, Rochester, New York

SHEET OF JOB: 209288

GP-180

ТО

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

BORING:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

5/26/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

5/26/2011

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H	SAMPLE RECOVERY	SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASS	IFICATION	(PPM)	Ag	(ppm) Cd	
0	3.3'	1.0'	0.0'	FILL Brown, mc SANE	o, little Silt and Gravel, moist, no	o odor	0.0			
2		3.0'	2.4'	NATIVE Light brown, SILT	Γ, little mf Sand and Clay, moist	, no odor	0.0			
4	4.0'		4.0'	As above, moist,	no odor		0.0			
6		5.0'			0.0					
		7.0'	6.9'							
8	4.0'		8.0'	As above, moist,	no odor		0.0			
10							0.0			
12	3.0'	12.0'	12.0'	Light brown, SILT	Γ, some f Sand, moist, no odor		0.0			
14		14.2'			Refusal @ 14	12' BGS				
14		14.2			Nordour @ 1	200				
16										
18										
DATE	WATER LEVEL	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:			•	
				14.2-Ft.	No					

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING: GP-180

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288

ED

GP-181

то

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

LABELLA REPRESENTATIVE: E. Dumrese

City DEQ No. 032536 CONTRACTOR: Nothnagle Drilling, Inc.

BORING LOCATION:

TIME:

CHKD BY:

BORING:

GROUND SURFACE ELEVATION: DATUM: K. Bush

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

DRILLER:

NA

START DATE: 5/26/2011

5/26/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

END DATE:

OVERBURDEN SAMPLING METHOD: Direct Push SAMPLE XRF PID FIELD FIELD Е SCREEN Р SCREEN Т SAMPLE SAMPLE NO STRATA VISUAL CLASSIFICATION (PPM) (ppm) RECOVERY AND DEPTH CHANGE Н Αa Cd 0 3.0' 0.0' Brown, mc SAND, little Silt and Gravel, moist, no odor 0.0 1.0' 2 0.0 4 0' 0.0 4 2.9 As above, moist, no odor 6 0.0 8 0.1 8.0' As above, moist, no odor 0.0 10 0.0 NATIVE 12 12.0 Brown, SILT and mf SAND, moist, no odor 0.0 2.1 Refusal @ 14.2' BGS 14 14.2' 16 18 WATER LEVEL DATA

ELAPSED BOTTOM OF BOTTOM OF GROUNDWATER NOTES: ENCOUNTERED DATE CASING BORING TIME 14.2-Ft. Nο

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING:

BGS = Below the Ground Surface

NA = Not Applicable

**PROJECT** 

City of Rochester

Former Photech Imaging Site

END DATE:

1000 Driving Park Avenue, Rochester, New York

GP-182 BORING: SHEET OF JOB: 209288

CHKD BY: ED

ТО

300 STATE STREET, ROCHESTER, NY

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

6/7/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

6/7/2011

INSIDE DIAMETER: ~1.8-Inch

OTHER:

012.11	JONDEN OF HIS	FLING WETTIC	D. Direct i u	oner.				
D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA	VICUAL CLASSIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
Н	RECOVERY		CHANGE	VISUAL CLASSIFICATION	(PPM)	Ag	(ppm)	
0	3.6'		0.0'	FILL Brown, mc SAND, little Silt and Gravel, moist, no odor	0.0			
2					0.0			
4	2.6'		4.0'	As above, moist, no odor	0.0			
6		7.8'		NATIVE Light brown, SILT, some mf Sand, moist, no odor	0.0			
8	2.3'		8.0'	Light brown, SILT, little f Sand, saturated, no odor	0.0			
10		9.6'		Refusal @ 9.6' BGS				
12								
14								
16								
18		DATA	POTTOMAS	POTTOLLOS DOCUMENTO NOTES.				
DATE	WATER LEVEL TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF GROUNDWATER NOTES:  BORING ENCOUNTERED  9.6-Ft. 8.0-Ft.				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

GP-184

то

BORING:

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

TIME:

DRILLER: K. Bush

Nothnagle Drilling, Inc. BORING LOCATION: GROUND SURFACE ELEVATION:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

6/7/2011

6/7/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

CONTRACTOR:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

END DATE:

OVERBURDEN SAMPLING METHOD: Direct Push

SAMPLE XRF PID FIELD FIELD Е SCREEN Р SCREEN Т SAMPLE SAMPLE NO VISUAL CLASSIFICATION (PPM) STRATA (ppm) RECOVERY AND DEPTH CHANGE Н Αa Cd 0 3.8' 0.0' Brown, mc SAND, little Silt and Gravel, moist, no odor 0.0 2 0.0 4.0' As above, moist, no odor 0.0 4 3.0 NATIVE Light brown, SILT, some mf Sand, moist, no odor 6 6.7 6.7' 0.0 As above, wet, no odor 8 0.6 8.0' As above, saturated, no odor 0.0 9.0' Refusal @ 9.0' BGS 10 12 14 16 18 WATER LEVEL DATA

ELAPSED BOTTOM OF BOTTOM OF GROUNDWATER NOTES: ENCOUNTERED DATE TIME CASING BORING 9.0-Ft. 7.9-Ft.

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

### **PROJECT**

City of Rochester Former Photech Imaging Site

END DATE:

SHEET JOB:

GP-185 OF

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

209288 CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush GROUND SURFACE ELEVATION: TIME:

BORING:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

TYPE OF DRILL RIG:

START DATE:

6/7/2011

6/7/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

	l									
D E		SAMPLE					PID FIELD		XRF FIELD	
P							SCREEN		SCREEN	
T	SAMPLE	SAMPLE NO.	STRATA		VISUAL CLASS	FICATION	(PPM)		(ppm)	
Н	RECOVERY	AND DEPTH	CHANGE					Ag	Cd	
0	3.6'		0.0'	FILL						
				Brown, mc SAND	), little Silt and Gravel, moist, no	odor	0.0			
2							0.0			
4	3.5'		4.0'	As above, moist,	no odor		0.0			
_										
6							0.0			
		7.0'		NATIVE						
				Light brown, SILT	Γ, some mf Sand, moist, no odo	r				
8	0.9'		8.0'	As above, satura	tod no odor		0.0			
٥	0.9		6.0	As above, salura			0.0			
		8.9'			Refusal @ 8.	9' BGS				
10										
12										
14										
				<b> </b>						
16										
18										
18										
-	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:		i		
DATE	TIME	ELAPSED	CASING	BORING	ENCOUNTERED	10.120.				
DATE	THVIE	TIME	OASING			-				
ļ	l			8.9-Ft.	8.0-Ft.	4				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING: GP-185

## **PROJECT**

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288

ED

GP-186

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536 Nothnagle Drilling, Inc. BORING LOCATION:

START DATE:

TIME: DATUM:

BORING:

CHKD BY:

DRILLER: LABELLA REPRESENTATIVE: E. Dumrese

K. Bush

GROUND SURFACE ELEVATION:

END DATE: 6/7/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

CONTRACTOR:

NA

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

6/7/2011

D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLAS	BIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	I
Н	RECOVERY	AND DEPTH	CHANGE					Ag	Cd	
0	3.4'		0.0'	FILL Brown, mc SAND	D, little Silt and Gravel, moist, r	o odor	0.0			
2							0.0			
4	3.5'		4.0'	As above, moist,	no odor		0.0			
		5.0'	5.0'	NATIVE Light brown, SIL	T, some mf Sand, moist, no od	or				
6							0.0			
		7.0'								
8	2.2'		8.0'	As above, moist,	no odor		0.0			
Ü	2.2		0.0	, io above, moiet,			0.0			
		9.8'			Refusal @	9.8' BGS				
10										
40				ļ						
12										
14										
				1						
16										
18							-			
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
				9.8-Ft.	No	_				
GEI	NERAL NOTES	3					•			

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

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

and = 35 to 50 % 3) Abbreviations c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine NA = Not Applicable

BGS = Below the Ground Surface

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

GP-187

ТО

1000 Driving Park Avenue, Rochester, New York

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016 City DEQ No. 032536

6/7/2011

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

GROUND SURFACE ELEVATION:

TIME:

BORING:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

TYPE OF DRILL RIG:

START DATE:

END DATE: 6/7/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D		SAMPLE					PID		XRF	
E							FIELD		FIELD	
Р							SCREEN		SCREEN	
T		SAMPLE NO.			VISUAL CLASSI	FICATION	(PPM)		(ppm)	
Н		AND DEPTH						Ag	Cd	
0	3.8'		0.0'	FILL						
				Brown, mc SAND	), little Silt and Gravel, moist, no	odor	0.0			
2							0.0			
4	3.7'		4.0'	As above, moist,	no odor		0.0			_
	0			, to above, motor,			0.0			
		5.0'	5.7'	NATIVE						
				Light brown, SILT	Γ, some mf Sand, moist, no odo					
							0.0			
6							0.0			
		7.0'								
8	2.8'		8.0'	As above, wet, no	o odor		0.0			
		9.5'			Refusal @ 9.	5' BGS				
10										
12				İ						
14										
										]
16				ł						
10										
40										
18										
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
				9.5-Ft.	8.0-Ft.	]				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

END DATE:

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

SHEET OF JOB: 209288

GP-188

то

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

DRILLER:

City DEQ No. 032536 Nothnagle Drilling, Inc.

BORING LOCATION: GROUND SURFACE ELEVATION: TIME:

BORING:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

K. Bush

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

NA

6/7/2011

6/7/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

SAMPLE XRF PID FIELD FIELD Е SCREEN Р SCREEN Т SAMPLE SAMPLE NO VISUAL CLASSIFICATION (PPM) STRATA (ppm) RECOVERY AND DEPTH CHANGE Н Αa Cd 0 3.6' 0.0' Brown, mc SAND, little Silt and Gravel, moist, no odor 0.0 2 0.0 4 0' 0.0 4 3.4 As above, moist, no odor 6 0.0 NATIVE 8 1.6' 8.0' Light brown, SILT, some mf Sand, moist, no odor 0.0 9.5' Refusal @ 9.5' BGS 10 12 14 16 18 WATER LEVEL DATA

ELAPSED BOTTOM OF BOTTOM OF GROUNDWATER NOTES: ENCOUNTERED DATE TIME CASING BORING 9.0-Ft. Nο

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

GP-189 BORING: SHEET OF JOB: 209288

ТО

CHKD BY: ED

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

6/7/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

6/7/2011

INSIDE DIAMETER: ~1.8-Inch

OTHER:

END DATE:

OVERL	DONDEN SAW	FLING WETTIC	DD. Dilect Fu	SII		OTTER.				
D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLAS	SIEICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
Н		AND DEPTH	CHANGE		VISUAL CLAS	SIFICATION	(FFWI)	Ag	Cd	
0	3.7'		0.0'	FILL Brown, mc SAND	), little Silt and Gravel, moist, r	o odor	0.0			
2							0.0			
4	3.3'		4.0'	As above, moist,	no odor		0.0			
6		7.5'	7.5'		, some mf Sand, moist, no od	or	0.0			
8	1.0'	8.8'	8.0'	As above, moist,	no odor Refusal @	9.8' BGS	0.0			
10										
12										
14										
16										
18										
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING 8.8-Ft.	GROUNDWATER ENCOUNTERED No	NOTES:	·		1	•
		•			-					

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

### **PROJECT**

City of Rochester

END DATE:

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

SHEET OF JOB: 209288

GP-190

ТО

CHKD BY: ED

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

BORING:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

6/7/2011

6/7/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

	1			_						
D		SAMPLE					PID	<b>-</b>	XRF	
E		O/ WII EE					FIELD		FIELD	
P							SCREEN		SCREEN	
T	SAMPLE	SAMPLE NO.	STRATA	+	VISUAL CLA	SSIEICATION				•
H		AND DEPTH			VISUAL CLA	SSIFICATION	(PPM)	Ag	(ppm) Cd	
		AND DEPTH		F				Ag	Cu	
0	3.9'		0.0'	FILL Brown mc SAND	), little Silt and Gravel, moist,	no odor	0.0			
				BIOWII, IIIC SAIND	, little Siit and Graver, moist,	no odoi	0.0			
2							0.0			
				1						
ļ	3.4'		4.0'	As above, moist,	no odor		0.0			
								$\vdash \vdash \vdash$		
								$\vdash \vdash \vdash$		
								$\vdash$		
;							0.0	$\vdash$		
				NATIVE						
		7.8'	7.8'		, some mf Sand, moist, no c	odor				
				1						
;	2.1'		8.0'	As above, moist,	no odor		0.0			
		9.0'			Potunal 6	9.0' BGS		<del></del>		
		9.0			Relusal	9.0 BGS				
0										
•										
				<u> </u>						
2										
								<del></del>		
4								$\vdash \vdash \vdash$		
				1				لــــــــــا		
6								igsquare		
								$\vdash \vdash \vdash$		
								$\vdash$		
								$\vdash \vdash \vdash$		
8								$\vdash$		
_								$\vdash \vdash \vdash$		
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
ATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
		TIIVIE		9.5-Ft.	No	<del>-</del>				
	1	1	1	უ.ე-୮l.	INU	1				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **L**ABEL

## **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

JOB: 209288 CHKD BY: ED

BORING:

SHEET

GP-191

OF

ТО

300 STATE STREET, ROCHESTER, NY

TYPE OF DRILL RIG:

ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

GROUND SURFACE ELEVATION:

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

6/7/2011

END DATE: 6/7/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch AUGER SIZE AND TYPE: NA OVERBURDEN SAMPLING METHOD: Direct Push

OTHER:

				1			ı	1		
D		SAMPLE					PID		XRF	
E							FIELD		FIELD	
Р							SCREEN		SCREEN	
Т	SAMPLE	SAMPLE NO.			VISUAL CLASSI	FICATION	(PPM)		(ppm)	
Н	RECOVERY	AND DEPTH						Ag	Cd	
0	3.6'		0.0'	<u>FILL</u>						
				Brown, mc SANE	), little Silt and Gravel, moist, no	odor	0.0			
2							0.0			
4	2.6'		4.0'	As above, moist,	no odor		0.0			
-	2.0		4.0	7 to above, moist,	no caer		0.0			
			6.41	NATIVE	Γ, some mf Sand, moist, no odo		0.0		-	
6			6.1'	Light brown, SiL	i, some mi Sand, moist, no odo		0.0			
		7.0'								
8	1.9'		8.0'	As above, moist,	no odor		0.0			
		9.0'								
10		10.2'			Refusal @ 10	.2' BGS				
12				İ						
14										
16				t					-	
								<u> </u>		
18									+	
10										
<u> </u>			DOTTO11			Notes				
	WATER LEVEL	DATA ELAPSED	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	TIME	CASING	BORING	ENCOUNTERED					
				10.2-Ft.	No					
0.5	NEDAL NOTE			,		ı				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

END DATE:

1000 Driving Park Avenue, Rochester, New York

GP-192 BORING: SHEET OF JOB: 209288

ТО

CHKD BY: ED

CONTRACTOR:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

DRILLER:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016 City DEQ No. 032536

Nothnagle Drilling, Inc. BORING LOCATION: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

6/7/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

6/7/2011

INSIDE DIAMETER: ~1.8-Inch

OTHER:

	1			1			1			
D		SAMPLE					PID		XRF	
E		SAMPLE					FIELD		FIELD	
P							SCREEN		SCREEN	
T	SAMPLE	SAMPLE NO.	STRATA	ł	VISUAL CLASS	TEICATION	(PPM)		(ppm)	
Н		AND DEPTH	CHANGE		VISUAL CLASS	IFICATION	(PPIVI)	۸۵	Cd	
		AND DEPTH						Ag	Cu	
0	3.4'		0.0'	FILL	) little Cilt end Control endint					
				Brown, mc SANL	), little Silt and Gravel, moist, no	0 0001	0.0			
2							0.0			
_										
4	2.9'		4.0'	As above, moist,	no odor		0.0			
		5.01					1			
		5.0'					1			
							1			$\vdash$
6							0.0			
							0.0			
		7.0'	7.8'	NATIVE						
				Light brown, SILT	Γ, some mf Sand, moist, no odd	or .				
8	2.1'		8.0'	As above, moist,	no odor		0.0			
		9.5'			Refusal @ 9	5' BGS	1			
10		3.3			Nordan & 3	.0 000				
12										
14										
							1			
							1			
							1			
40				1						
16							1			
							1			$\vdash$
							1			
							1			
18										
							1			
							1			
							1			
<u> </u>		<u> </u>	DOTTO:	DOTTO!   0-		hioteo	I			
	WATER LEVEL	DATA ELAPSED	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	TIME	CASING	BORING	ENCOUNTERED					
				9.5-Ft.	No	1				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

NYSDEC ERP No. B00016

CHKD BY: ED

GP-193

209288

OF

ТО

JOB:

BORING:

SHEET

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc. K. Bush

OVERBURDEN SAMPLING METHOD: Direct Push

NA

City DEQ No. 032536 BORING LOCATION:

GROUND SURFACE ELEVATION:

TIME: DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

DRILLER:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

6/7/2011

6/7/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

END DATE:

<b> </b>				I			I			
D		SAMPLE					PID		XRF	
Е							FIELD		FIELD	
Р							SCREEN		SCREEN	
Т	SAMPLE	SAMPLE NO.		Ī	VISUAL CLASS	FICATION	(PPM)		(ppm)	
Н	RECOVERY	AND DEPTH						Ag	Cd	
0	3.2'		0.0'	FILL						
				Brown, mc SAND	), little Silt and Gravel, moist, no	odor	0.0			
2							0.0			
_							0.0			
	0.41		4.01	A b			2.2			
4	3.4'		4.0'	As above, moist,	no odor		0.0			
6							0.0			
				NATIVE						
8	2.2'		8.0'	Light brown, SILT	Γ, some mf Sand, moist, no odo	r	0.0			
		9.8'			Refusal @ 9.	8' BGS				
10		0.0			rioradar @ 0.	0 200				
12				•						
14										
14										
40				ļ						
16										
18										
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
		TIME		9.5'	No	1				
11				9.0	INU	4				

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

3) Abbreviations and = 35 to 50 % c = coarse

trace = 1 to 10%

some = 20 to 35% m = mediumlittle = 10 to 20%

f = fine vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York SHEET OF JOB: 209288

ED

GP-194

ТО

City DEQ No. 032536

NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME:

CHKD BY:

BORING:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

K. Bush

START DATE:

6/7/2011

END DATE: 6/7/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

DRILLER:

NA

GROUND SURFACE ELEVATION:

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H		SAMPLE NO. AND DEPTH			VISUAL CLASSI	FICATION	(PPM)	Ag	(ppm) Cd	
0	2.8'		0.0'	FILL Brown mc SAND	), little Silt and Gravel, moist, no	odor	0.0			
				DIOWII, IIIC SAINL	, iittie Siit and Graver, moist, no	odoi	0.0			
2							0.0			
4	3.5'		4.0'	NATIVE	Γ, some mf Sand, moist, no odor		0.0			
4	3.5		4.0	Light blown, SiL	r, some mi Sand, moist, no odoi		0.0			
		5.0'								
6							0.0			
		7.0'								
8	3.4'		8.0'	As above, moist,	no odor		0.0			
		9.0'								
10		10.8'			Refusal @ 10	0/ 8/2	0.0			
		10.8			Relusal @ 10	.6 663				
12										
14										
16										
.0										
18										
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	I			
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
GEI	NERAL NOTES	2		10.8'	No					

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

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

and = 35 to 50 % 3) Abbreviations c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

NYSDEC ERP No. B00016

END DATE:

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York

GP-195 BORING: SHEET OF JOB:

CHKD BY:

209288

ТО

ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. DRILLER: K. Bush

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

BORING LOCATION: GROUND SURFACE ELEVATION:

TIME: DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

NA

6/8/2011

6/8/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

D														
Matrice   Matr	E P	SAMPLE		STRATA		VISUAL CLAS	SIFICATION	FIELD SCREEN		FIELD SCREEN				
0.0		RECOVERY	AND DEPTH	CHANGE				(* 1,	Ag					
As above, moist, no odor    1.8"				0.0'	FILL Brown, mc SANE	D, little Silt and Gravel, moist, r	o odor	0.0						
S.0	2													
1.8'	4	3.8'	5.0'	4.0'		no odor		0.0						
10	6		7.0'		Light brown, SIL	Γ, some mf Sand, moist, no od	or	0.0						
12	8	1.8'		8.0'	As above, moist,			0.0						
14  16  18  WATER LEVEL DATA DATE TIME  ELAPSED TIME  CASING BORING BORING ENCOUNTERED  P.3-Ft. NO  ROTES: ROTES: ROTES: ROTES: ROTES: ROTES: ROTES: R	10		9.3'			Refusal @	9.3' BGS							
16	12													
WATER LEVEL DATA BOTTOM OF BOTTOM OF GROUNDWATER NOTES:  DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED  9.3-Ft. No	14													
WATER LEVEL DATA BOTTOM OF BOTTOM OF TIME TIME CASING BORING ENCOUNTERED  9.3-Ft. No														
DATE TIME ELAPSED TIME CASING BORING ENCOUNTERED  9.3-Ft. No							harra							
			ELAPSED		BORING	ENCOUNTERED	NOTES:							
		UEDAL NOTE			9.3-Ft.	No	_							

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

and = 35 to 50 % 3) Abbreviations c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

### **PROJECT**

City of Rochester

END DATE:

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

GP-196 BORING: SHEET OF

ТО

JOB: 209288 CHKD BY: ED

DRILLER:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

K. Bush

OVERBURDEN SAMPLING METHOD: Direct Push

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

6/8/2011

6/8/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

				1						
D E		SAMPLE					PID FIELD		XRF FIELD	
P							SCREEN		SCREEN	
T	SAMPLE	SAMPLE NO.	STRATA	VISUAL CLASSIFICATION						1
	RECOVERY				VISUAL CLASSI	FICATION	(PPM)	۸-	(ppm)	
Н		AND DEPTH	CHANGE					Ag	Cd	
0	3.9'		0.0'	FILL						
				Brown, mc SAND	), little Silt and Gravel, moist, no	odor	0.0			
2							0.0			
-							0.0			
				<u> </u>						
4	3.8'		4.0'	As above, moist,	no odor		0.0			
	1			ĺ						
				ĺ						
				ĺ						
6				ĺ			0.0			
Ü		6.8'	6.8'	NATIVE			0.0			
					Γ, some mf Sand, moist, no odo					
				<u> </u>						
8	1.8'		8.0'	As above, moist,	no odor	2/500	0.0			
		8.2'			Refusal @ 8.	2' BGS				
10										
12										
				ĺ						
14				ĺ						
				ĺ						
	1			ĺ						
				ĺ						
16				+						
10	1			ĺ						
				ĺ						
				ĺ						
				ĺ						
18				ĺ						
				ĺ						
				ĺ						
	1			ĺ						
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
		ELAPSED				10120.				
DATE	TIME	TIME	CASING	BORING	ENCOUNTERED					
		1		8.7-Ft.	No					

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

### **PROJECT**

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York SHEET OF JOB: 209288 CHKD BY: ED

BORING:

GP-198

ТО

NYSDEC ERP No. B00016 City DEQ No. 032536 300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME:

DRILLER: K. Bush GROUND SURFACE ELEVATION: DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 6/8/2011 6/8/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E		SAMPLE			PID FIELD		XRF FIELD	
P					SCREEN		SCREEN	
Т		SAMPLE NO.		VISUAL CLASSIFICATION	(PPM)		(ppm)	
Н		AND DEPTH				Ag	Cd	
0	3.8'		0.0'	FILL Brown, mc SAND, little Silt and Gravel, moist, no odor	0.0			
				Brown, the Sand, little Silt and Graver, moist, no oddi	0.0			
2					0.0			
4	2.1'		4.0'	As above, moist, no odor	0.0			
6					0.0			
				NATIVE				
		7.3'	7.3'	Light brown, SILT, some mf Sand, moist, no odor				
8	2.2'		8.0'	As above, moist, no odor	0.0			
	2.2		0.0	7.6 dboto, molet, no oddi	0.0			
		9.3'		Refusal @ 9.3' BGS	_			
		9.5		Nelusal @ 8.3 DGS				
10								
12								
14								
'*								
16								
18								
	<u></u>			horro				
	WATER LEVEL	DATA ELAPSED	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	TIME	CASING	BORING ENCOUNTERED				
	1			9.3-Ft. No				

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine NA = Not Applicable

BORING:

## **PROJECT**

City of Rochester

Former Photech Imaging Site

GP-199 BORING: SHEET OF JOB: 209288

ED

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush GROUND SURFACE ELEVATION:

TIME: DATUM:

CHKD BY:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

6/8/2011

END DATE: 6/8/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE:

INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D		SAMPLE					PID		XRF	
E							FIELD		FIELD	
P							SCREEN		SCREEN	
Т		SAMPLE NO.	STRATA		VISUAL CLASSI	FICATION	(PPM)		(ppm)	
Н	RECOVERY	AND DEPTH	CHANGE					Ag	Cd	
0	3.5'		0.0'	<u>FILL</u>						
				Brown, mc SAND	), little Silt and Gravel, moist, no	odor	0.0			
2							0.0			
4	3.3'		4.0'	As above, moist,	no odor		0.0			
6							0.0			
							0.0			
				NATIVE						
		7.6'	7.6'	Light brown, SIL7	Γ, some mf Sand, moist, no odo					
	0.61		0.01	As about maint	no odor		0.0			
8	2.6'		8.0'	As above, moist,	no odor		0.0			
		9.7'			Refusal @ 9.	6' BGS				
10										
12										
14										
								-		
16				Ì						
								-		
18										
-	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED	CASING	BORING	ENCOUNTERED					
DATE	THVIE	TIME	CASING			-				
				9.7-Ft.	No					

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine

trace = 1 to 10% vf = very fine BORING:

BGS = Below the Ground Surface

NA = Not Applicable

## **PROJECT**

City of Rochester

Former Photech Imaging Site

JOB: CHKD BY:

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush GROUND SURFACE ELEVATION:

NA

TIME: DATUM:

BORING:

SHEET

GP-200

209288

ED

OF

ТО

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 6/8/2011 6/8/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

								1		
D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
Т		SAMPLE NO.	STRATA		VISUAL CLASS	FICATION	(PPM)		(ppm)	
Н		AND DEPTH	CHANGE					Ag	Cd	
0	3.0'		0.0'	Topsoil						
							0.0			
		1.0'								
			1.4'	FILL						
2				Brown, mc SAND	), little Silt and Gravel, moist, no	odor	0.0			
		3.0'	2.0'	NATIVE	Γ, some mf Sand, moist, no odo					
		3.0		Light brown, Sich	, some mi Sand, moist, no odo					
4	3.6'		4.0'	As above, moist,	no odor		0.0			
6							0.0			
8	3.3'		8.0'	As above, moist,	no odor		0.0			
			0.01	A b						
			9.0'	As above, wet, no	o odor					
10										
		10.6'			Refusal @ 10	.6' BGS				
12				İ						
14										
16				Ī						
18										
										]
	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED	CASING	BORING	ENCOUNTERED					
		TIME		10.6-Ft.	9.0-Ft.	1				
		i .		10.0-61.	ช.บ-୮เ.	4				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING: GP-200

## **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

END DATE:

SHEET OF JOB: 209288

GP-201

ТО

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

OVERBURDEN SAMPLING METHOD: Direct Push

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

BORING:

LABELLA REPRESENTATIVE: E. Dumrese

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

6/9/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

6/9/2011

INSIDE DIAMETER: ~1.8-Inch

OTHER:

	1						1			
D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	l
T H		SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLAS	SSIFICATION	(PPM)	Ag	(ppm) Cd	
0	3.8'	7410 021 111	0.0'	NATIVE Light brown, SIL	T, some mf Sand, moist, no o	dor	0.0	7.9		
2		1.0'					0.0			
		3.0'								
4	3.0'		4.0'	As above, moist,	, no odor		0.0			
6							0.0			
8	3.4'		8.0'	Light brown, SIL	T, little f Sand and Clay, wet, ı	no odor	0.0			
10					5.5.16	44.01.000				
		11.0'			Refusal @	11.0' BGS				
12										
14										
16										
18										
						L				
DATE	WATER LEVEL	ELAPSED	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	NOTES:				
DATE	THVIL	TIME	CASING	11.0-Ft.	8.0-Ft.					
OF.	NEDAL NOTE	0		11.016	0.011	=				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

## LABELLA Associates, R.C.

## PROJECT

City of Rochester

Former Photech Imaging Site

SHEET OF 209288
CHKD BY: ED

GP-202

ТО

BORING:

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR:

 NEERING CONSULTANTS
 City DEQ No. 032536

 Nothnagle Drilling, Inc.
 BORING LOCATION:

ON: TIME:

DRILLER: K. Bush GROUND SURFACE ELEVATION: DATUM: LABELLA REPRESENTATIVE: E. Dumrese START DATE: 6/9/2011 END DATE: 6/9/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: NA INSIDE DIAMETER: ~1.8-Inch

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

	ı					1		
D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
н		AND DEPTH		VISUAL CLASSIFICATION	(FFIVI)	Ag	Cd	
0	1.5'	71.0 02.1 111	0.0'	FILL		7.9		
Ü	1.3		0.0	Brown, mc SAND, little Silt and Gravel, moist, no odor	0.0			
					0.0			
2				<u>NATIVE</u>	0.0			
		3.0'	2.6'	Light brown, SILT, some mf Sand, moist, no odor				
4	2.7'		4.0'	As above, moist, no odor	0.0			
		5.0'						
6					0.0			
		7.0'						
8	3.5'		8.0'	Light brown, SILT, some f Sand, moist, no odor	0.0			
-				—g,,,,				
		9.3'	9.3'	As above, wet, no odro				
10					0.0			
		11.0'						
12	0.9'		12.0'	As above, saturated, no odor	0.0			
		12.5'		Refusal @ 12.5' BGS				
14								
16								
18								
,	WATER LEVEL		BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	ELAPSED	CASING	BORING ENCOUNTERED				
<b> </b>		TIME		12.5-Ft. 9.3-Ft.				
0.5	NEDAL NOTE		1	12.016. 0.016.				

GENERAL NOTES

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

 $\label{eq:fine_fine} \begin{array}{ll} \text{little} = 10 \text{ to } 20\% & \text{f} = \text{fine} \\ \text{trace} = 1 \text{ to } 10\% & \text{vf} = \text{very fine} \\ \end{array}$ 

BGS = Below the Ground Surface NA = Not Applicable

BORING:

City of Rochester

Former Photech Imaging Site

END DATE:

1000 Driving Park Avenue, Rochester, New York

**GP-203** BORING: SHEET OF JOB: 209288

ТО

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME: DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

6/9/2011

6/9/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

OVERBURDEN SAMPLING METHOD: Direct Push

D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
Н		AND DEPTH	CHANGE	VISUAL CLASSIFICATION	(FFIVI)	Ag	Cd	
0	3.5'			FILL Brown, mc SAND, little Silt and Gravel, moist, no odor	0.0			
2		3.0'	2.1'	NATIVE Light brown, SILT, some mf Sand, moist, no odor	0.0			
4	4.0'	5.0'	4.0'	As above, moist, no odor	0.0			
6		5.0			0.0			
8	3.9'		8.0'	As above, wet, no odor	0.0			
10		11.6'		Refusal @ 11.6' BGS	0.0			
12								
14								
16								
18								
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF GROUNDWATER NOTES: BORING ENCOUNTERED  11.6-Ft. 8.0-Ft.	l			

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

K. Bush

DRILLER:

### **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

SHEET OF JOB: 209288

BORING:

GP-204

ТО

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016

City DEQ No. 032536 CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

TIME: GROUND SURFACE ELEVATION: DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 6/9/2011 6/9/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLASS	EICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	
Н		AND DEPTH	CHANGE		VISUAL CLASS	FICATION	(FFIVI)	Ag	Cd	
0	4.0'	1.0'	0.0'	FILL Brown, mc SAND	), little Silt and Gravel, moist, no	odor	0.0			
2		3.0'	2.3'	NATIVE Light brown, SILT	Γ, some mf Sand, moist, no odo		0.0			
4	3.6'		4.0'	As above, moist,	no odor		0.0			
6							0.0			
8	3.0'		8.0'	As above, moist,	no odor		0.0			
10		10.7'	9.5'	As above, wet, no	o odor Refusal @ 10	.7' BGS	0.0			
12										
14										
16										
18										
DATE	WATER LEVEL	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING 10.7-Ft.	GROUNDWATER ENCOUNTERED 9.5-Ft.	NOTES:		1		1_

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = mediumNA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING: GP-204

### **PROJECT**

City of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York SHEET OF JOB: 209288 CHKD BY: ED

GP-205

ТО

BORING:

NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: TIME: DRILLER: GROUND SURFACE ELEVATION: DATUM: K. Bush

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 6/9/2011 6/9/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

	ı			1			1	1		
D E P	244915	SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H	SAMPLE	SAMPLE NO. AND DEPTH			VISUAL CLASS	IFICATION	(PPM)	Ag	(ppm) Cd	
0	2.6'	AND DEFITT	0.0'	Topsoil				Ag	Cu	1
O	2.0			FILL	), little Silt and Gravel, moist, no	odor	0.0			
2							0.0		-	
		3.1'	3.1'	NATIVE Light brown, SIL	Γ, some mf Sand, moist, no odo	ı				
4	0.9'		4.0'	As above, moist,	no odor		0.0			
		5.0'								
6							0.0			
8	2.4'		8.0'	As above, moist,	no odor		0.0			
10		11.1'					0.0			
					Refusal @ 11	.1' BGS				
12				Ì						
14										
40				<b>ļ</b>						
16										
18										
,	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	•			•
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
				11.1-Ft.	No					
0.5	NEDAL NOTE					L				

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = mediumNA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING:

### **PROJECT**

City of Rochester

Former Photech Imaging Site

END DATE:

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

GP-206 BORING: SHEET

OF JOB: 209288

ТО

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

START DATE:

6/9/2011

6/9/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

	1						
D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)
H		AND DEPTH	CHANGE	VISUAL SEASSIFICATION	(1.1 W)	Ag	Cd
0	0.6'		0.0'	NATIVE Light brown, SILT, some mf Sand, moist, no odor	0.0		
2		2.5'			0.0		
4	3.0'	5.0'	4.0'	As above, moist, no odor	0.0		
6					0.0		
8	2.7'		8.0'	As above, moist, no odor	0.0		
10		10.6'		Refusal @ 10.8' BGS	0.0		
12							
14							
16							
18							
DATE	TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF GROUNDWATER NOTES:  BORING ENCOUNTERED			
05	NEDAL NOTES			10.6-Ft No			

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

K. Bush

### **PROJECT**

City of Rochester Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

BORING: SHEET OF JOB: 209288

ED

CHKD BY:

GP-207

ТО

NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR:

DRILLER:

Nothnagle Drilling, Inc.

BORING LOCATION: TIME: GROUND SURFACE ELEVATION: DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 6/9/2011 6/9/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H	SAMPLE RECOVERY	SAMPLE NO. AND DEPTH	STRATA CHANGE		VISUAL CLASSI	FICATION	(PPM)	Ag	(ppm)	
0	2.9'			Topsoil				9		
		1.0'					0.0			
2		3.0'		NATIVE Light brown, SILT	Γ, some mf Sand, moist, no odor		0.0			
4	3.4'		4.0'	As above, moist,	no odor		0.0			
6							0.0			
8	0.2'	8.4'	8.0'	As above, wet, no	o odor Refusal @ 8.	4' BGS	0.0			
10										
12										
14										
16										
18										
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING 8.4-Ft.	GROUNDWATER ENCOUNTERED 8.0-Ft.	NOTES:				

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

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = mediumNA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING: **GP-207** 

# **LABELLA**

### **PROJECT**

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

BORING:

GP-208

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

City DEQ No. 032536

TIME:

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION:

DRILLER: GROUND SURFACE ELEVATION: K. Bush

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE: 6/9/2011 6/9/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL CLASSII	FICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	1
H		AND DEPTH	CHANGE		VICONE CENCOII	TO/THOM	(1 1 141)	Ag	Cd	
0	2.8'	1.0'	0.4'	Topsoil <u>NATIVE</u> Light brown, SILT	, some mf Sand, moist, no odor		0.0			
2		3.0'					0.0			
4	4.0'		4.0'	As above, moist,	no odor		0.0			
6							0.0			
8	0.1'	8.4'	8.0'	As above, moist,	no odor Refusal @ 8.4	f' BGS	0.0			
10										
12										
14										
16										
18										
DATE	WATER LEVEL TIME	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING 8.4-Ft.	GROUNDWATER ENCOUNTERED No	NOTES:				

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

3) Abbreviations and = 35 to 50 % c = coarse

BGS = Below the Ground Surface some = 20 to 35% m = mediumNA = Not Applicable

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine

BORING:

# **LABELL**

**PROJECT** 

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

END DATE:

SHEET OF JOB: 209288

GP-209

ТО

CHKD BY: ED

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

NA

GROUND SURFACE ELEVATION:

TIME:

DATUM:

BORING:

LABELLA REPRESENTATIVE: E. Dumrese

OVERBURDEN SAMPLING METHOD: Direct Push

START DATE:

6/10/2011

6/10/2011 DRIVE SAMPLER TYPE: 4-foot Macrocore

INSIDE DIAMETER: ~1.8-Inch

OTHER:

					I	1		
D		SAMPLE			PID		XRF	
E					FIELD		FIELD	
Р					SCREEN		SCREEN	
Т	SAMPLE	SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	(PPM)		(ppm)	
н		AND DEPTH				Ag	Cd	
0	2.1'		0.0'	Topsoil				
<b>∥</b>			0.3'	Light brown, SILT, some mf Sand, moist, no odor	0.0			
		1.0'						
_								
2					0.0			
		3.0'						
		3.0	3.5'	Black, cinders/coals, moist, no odor				
			0.0	black, chiacis, coals, most, no caci				
4	2.6'		4.0'	As above, wet, no odor	0.0			
				NATIVE				
		5.0'	4.5'	Light brown, SILT, little mf Sand, wet, no odor				
						<u> </u>		
6					0.0			
0					0.0			
8	2.0'		8.0'	As above, saturated, no odor	0.0			
10		10.2'		Refusal @ 10.2' BGS				
12								
12								
14								
						ļļ		
16								
18								
						<del>                                     </del>		
	WATER LEVEL		BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	ELAPSED	CASING	BORING ENCOUNTERED				
<u> </u>		TIME						
				10.2-Ft. 4.0-Ft.				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

# **LABELLA**

### **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016

GP-210 BORING: SHEET OF

209288 ED

ТО

JOB: CHKD BY:

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

DRILLER:

TYPE OF DRILL RIG:

AUGER SIZE AND TYPE:

CONTRACTOR: Nothnagle Drilling, Inc.

K. Bush

OVERBURDEN SAMPLING METHOD: Direct Push

City DEQ No. 032536

BORING LOCATION:

GROUND SURFACE ELEVATION:

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

NA

START DATE:

6/10/2011

DRIVE SAMPLER TYPE: 4-foot Macrocore

6/10/2011

INSIDE DIAMETER: ~1.8-Inch

OTHER:

END DATE:

								1		
D		SAMPLE					PID		XRF	
E							FIELD		FIELD	
P	SAMPLE	SAMPLE NO.	STRATA		VICUAL CLASS	FIGATION	SCREEN		SCREEN	
T H		AND DEPTH			VISUAL CLASS	FICATION	(PPM)	Ag	(ppm) Cd	
		AND DEF III	CHANGE					Ay	Cu	
0	2.0'		0.0'	Light brown SILT	Γ, some mf Sand, moist, no odo		0.0			
		1.0'	0.0	Light brown, Oil	, some mi dana, moist, no dao		0.0			
_							0.0			
2							0.0			
		3.0'		NATIVE						
			3.8'	Light brown, SILT	Γ, little mf Sand, wet, no odor					
4	4.0'		4.0'	As above, moist,	no odor		0.0			
4	4.0		4.0	As above, moist,	110 0001		0.0			
		5.0'								
6							0.0			
0							0.0			
8	3.0'		8.0'	As above, wet, no	n odor		0.0		-	
0	3.0		0.0	As above, wet, in	0 0001		0.0			
10							0.0			
							0.0			
		11.8'			Refusal @ 11	.8' BGS				
12										
14										
									+	
16										
18										
									-	
1	WATER LEVEL		BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					
		THVIC		11.8-Ft.	8.0-Ft.	1				
	•									

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:

# LABELLA Associates, P.C.

### **PROJECT**

City of Rochester

Former Photech Imaging Site

BORING: GP-211
SHEET OF
JOB: 209288

ED

ТО

CHKD BY:

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR:

Nothnagle Drilling, Inc. BORING LOCATION:

TIME:

DRILLER: K. Bush GROUND SURFACE ELEVATION: DATUM:

LABELLA REPRESENTATIVE: E. Dumrese START DATE: 6/10/2011 END DATE: 6/10/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: NA INSIDE DIAMETER: ~1.8-Inch

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

l								
D		SAMPLE			PID		XRF	
E		O/ IIVII EE			FIELD		FIELD	
Р					SCREEN		SCREEN	
Т	SAMPLE	SAMPLE NO.	STRATA	VISUAL CLASSIFICATION	(PPM)		(ppm)	
Н	RECOVERY	AND DEPTH	CHANGE			Ag	Cd	
0	2.0'							
			0.0'	Light brown, SILT, some mf Sand, moist, no odor	0.0			
		1.0'						
2					0.0			
		3.0'						
				NATIVE				
4	4.0'		4.0'	Light brown, SILT, little mf Sand, wet, no odor	0.0			
		5.0'				-		
						$\vdash$		
6					0.0			
8	3.0'		8.0'	As above, wet, no odor	0.0			
10					0.0			
		11.9'		Refusal @ 11.9' BGS				
						-		
12								
						-		
14								
						<del></del>		
16								
						<u> </u>		
						<del></del>		
18								
						$\vdash$		
,	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING ENCOUNTERED				
		TIME						
	NEDAL NOTES			11.9-Ft. 8.0-Ft.				

GENERAL NOTES

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

 $\label{eq:fine_fine} \begin{array}{ll} \text{little} = 10 \text{ to } 20\% & \text{f} = \text{fine} \\ \text{trace} = 1 \text{ to } 10\% & \text{vf} = \text{very fine} \\ \end{array}$ 

BGS = Below the Ground Surface NA = Not Applicable

pplicable

BORING: GP-211

### **PROJECT**

City of Rochester

Former Photech Imaging Site

SHEET OF JOB: 209288 CHKD BY: ED

BORING:

GP-212

ТО

1000 Driving Park Avenue, Rochester, New York NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

CONTRACTOR:

Nothnagle Drilling, Inc. BORING LOCATION:

TIME:

6/10/2011

DRILLER: K. Bush GROUND SURFACE ELEVATION: DATUM: LABELLA REPRESENTATIVE: E. Dumrese START DATE: END DATE:

6/10/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: INSIDE DIAMETER: ~1.8-Inch NA

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P T H		SAMPLE SAMPLE NO. AND DEPTH			VISUAL CLAS	SIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm) Cd	<u> </u>
0	2.8'	1.0'	0.0'	Brown, mc SAND	), moist, no odor		0.0			
2		3.0'		NATIVE			0.0			
4	3.8'	5.0'	4.0'	NATIVE Light brown, SILT As above, moist,	Γ, little mf Sand, wet, no odor no odor		0.0			
6							0.0			
8	4.0'		8.0'	As above, wet, no	o odor		0.0			
10							0.0			
12		11.8'			Refusal @	11.8' BGS				
14										
16										
18										
DATE	WATER LEVEL	DATA ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING 11.8-Ft.	GROUNDWATER ENCOUNTERED 8.0-Ft.	NOTES:		•		

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

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING: GP-212

# LABELLA Associates P.C.

CONTRACTOR:

### PROJECT

City of Rochester
Former Photech Imaging Site

Former Photech Imaging Site
1000 Driving Park Avenue, Rochester, New York

CHI

**GP-213**OF **209288** 

ТО

JOB: 209 CHKD BY: ED

BORING:

SHEET

300 STATE STREET, ROCHESTER, NY

ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016

City DEQ No. 032536

Nothnagle Drilling, Inc. BORING LOCATION: Ditch

TIME:

 DRILLER:
 K. Bush
 GROUND SURFACE ELEVATION:
 DATUM:

 LABELLA REPRESENTATIVE: E. Dumrese
 START DATE:
 6/10/2011
 END DATE:
 6/10/2011

TYPE OF DRILL RIG: DRIVE SAMPLER TYPE: 4-foot Macrocore

AUGER SIZE AND TYPE: NA INSIDE DIAMETER: ~1.8-Inch

OVERBURDEN SAMPLING METHOD: Direct Push OTHER:

D E P		SAMPLE					PID FIELD SCREEN		XRF FIELD SCREEN	
T H		SAMPLE NO. AND DEPTH			VISUAL CLASSI	FICATION	(PPM)	Ag	(ppm) Cd	
0	2.8'	AND DEPTH	CHANGE					Ag	Ca	
			0.0' 0.3'	Peat, organics, sa Light brown, SIL1	aturated, no odor Γ, little mf Sand, wet, no odoι		0.0			
2		2.0'			Bottom @ 2.	01.809	0.0			
2		2.0			Bollom @ 2.	<i>,</i> 200				
4				 						
6										
8										
10										
12										
14										
16										
10										
18										
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:				
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED	110120.				
		HIVE		2.0-Ft.	0.3-Ft.					

GENERAL NOTES

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

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

3) Abbreviations and = 35 to 50 % c = coarse

 $some = 20 \ to \ 35\% \hspace{1cm} m = medium \hspace{1cm} BGS = Below \ the \ Ground \ Surface$ 

BORING:

# **LABELL**

### **PROJECT**

City of Rochester

Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

SHEET OF JOB: 209288

GP-214

ТО

CHKD BY: ED

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS

NYSDEC ERP No. B00016 City DEQ No. 032536

CONTRACTOR: Nothnagle Drilling, Inc. BORING LOCATION: DRILLER: K. Bush

GROUND SURFACE ELEVATION:

TIME:

BORING:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

5/31/2011

END DATE: 5/31/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

NA OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

OTHER:

D		SAMPLE			PID		XRF	
E					FIELD		FIELD	
P	SAMPLE	CAMPLENC	STRATA	VIOLIAL OLACOPIOATION	SCREEN		SCREEN	
T H		SAMPLE NO. AND DEPTH	CHANGE	VISUAL CLASSIFICATION	(PPM)	۸-	(ppm) Cd	
		AND DEPTH	CHANGE			Ag	Ca	
0	0.9'		0.0'	Peat, organics, saturated, no odor	0.0			
			0.2'	Light brown, SILT, little mf Sand, wet, no odoi	0.0			
0		2.0'		Bottom @ 2.0' BGS	0.0			
2		2.0		BOUOIII @ 2.0 BGS				
4								
1								
6								
8								
10								
12								
14								
16								
16								
18								
10								
ļ ,	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF GROUNDWATER NOTES:	<u> </u>	L		
DATE	TIME	ELAPSED TIME	CASING	BORING ENCOUNTERED				
DATE	I IIVIE	TIME	CASING					
				2.0-Ft. 0.0-Ft.				

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = medium

little = 10 to 20% f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface

NA = Not Applicable

BORING:

### **PROJECT**

City of Rochester Former Photech Imaging Site

1000 Driving Park Avenue, Rochester, New York

BORING: Former Water Vault SHEET OF JOB: 209288 CHKD BY: ED

то

NYSDEC ERP No. B00016 City DEQ No. 032536

300 STATE STREET, ROCHESTER, NY ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR:

K. Bush

Nothnagle Drilling, Inc. BORING LOCATION:

GROUND SURFACE ELEVATION:

TIME:

DATUM:

LABELLA REPRESENTATIVE: E. Dumrese

START DATE:

5/31/2011

TYPE OF DRILL RIG: AUGER SIZE AND TYPE:

DRILLER:

NA OVERBURDEN SAMPLING METHOD: Direct Push

DRIVE SAMPLER TYPE: 4-foot Macrocore INSIDE DIAMETER: ~1.8-Inch

5/30/2011

OTHER:

END DATE:

				1			 1			
D E P T	SAMPLE	SAMPLE SAMPLE NO.	STRATA		VISUAL	CLASSIFICATION	PID FIELD SCREEN (PPM)		XRF FIELD SCREEN (ppm)	I
Н		AND DEPTH	CHANGE				(* * * * * * * * * * * * * * * * * * *	Ag	Cd	
0	1.8'		0.0' 0.3' 0.8'	Asphalt Concrete <u>NATIVE</u> Light brown, SILT	, little mf Sand, moist, n	o odor	0.0			
2		3.0'					0.0			
4	1.7'		4.0'	As above, wet, no	o odor		0.0			
6		6.5'			Refus	al @ 6.5' BGS	0.0			
8										
10										
12										
14										
16										
18										
	WATER LEVEL	DATA	BOTTOM OF	BOTTOM OF	GROUNDWATER	NOTES:	•		<u> </u>	
DATE	TIME	ELAPSED TIME	CASING	BORING	ENCOUNTERED					

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

3) Abbreviations and = 35 to 50 % c = coarse

some = 20 to 35% m = mediumlittle = 10 to 20%

f = fine trace = 1 to 10% vf = very fine BGS = Below the Ground Surface NA = Not Applicable

BORING:



PROJECT City Of Rochester

Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York BORING: BR-14 SHEET 1 OF 1 JOB # 209288

CHKD. BY: ED

CONTRACTOR: Nothnagle Drilling, Inc.

DRILLER: K. Bush LABELLA REPRESENTATIVE: Evan Dumrese BORING LOCATION:

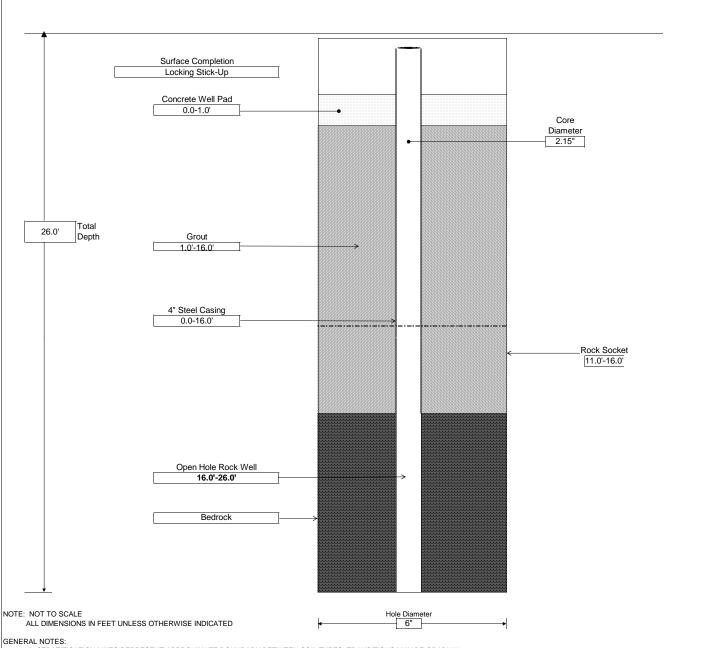
GROUND SURFACE ELEVATION: N/A DATUM: N/A

START DATE: 5/27/2011 END DATE: 6/3/2011

TYPE OF DRILL RIG: Brainard-Kilman Truck Mounted Water Rotary Drill Rig AUGER SIZE AND TYPE: NX Core (2.15" Core Barrel)

OVERBURDEN SAMPLING METHOD: Direct Push ROCK DRILLING METHOD: Water Rotary

	WATER LEVEL DATA											
DATE	TIME	WATER	CASING	REMARKS								



- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
  2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT City Of Rochester Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York BORING: BR-15 SHEET 1 OF 1 JOB # 209288 CHKD. BY: ED

CONTRACTOR: Nothnagle Drilling, Inc.

DRILLER: K. Bush

LABELLA REPRESENTATIVE: Evan Dumrese

BORING LOCATION:

GROUND SURFACE ELEVATION: N/A

START DATE: 5/31/2011

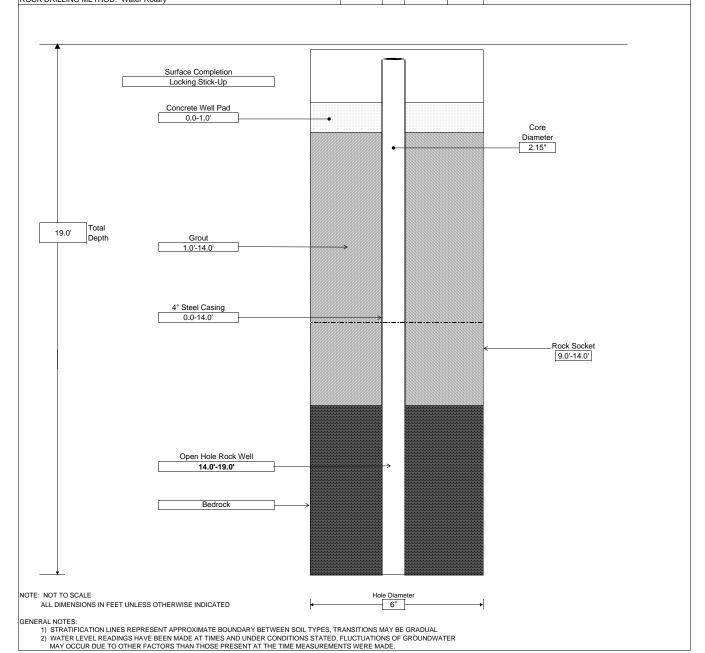
END DATE: 6/3/2011

TYPE OF DRILL RIG: Brainard-Kilman Truck Mounted Water Rotary Drill Rig

AUGER SIZE AND TYPE: NX Core (2.15" Core Barrel) OVERBURDEN SAMPLING METHOD: Direct Push ROCK DRILLING METHOD: Water Rotary

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DATUM: N/A



LABEI

300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR: Nothnagle Drilling, Inc.

PROJECT City Of Rochester Former Photech Imaging Site BORING: BR-16 SHEET 1 OF 1 JOB # 209288 CHKD. BY: ED

1000 Driving Park Avenue, Rochester, New York BORING LOCATION:

DRILLER: K. Bush

LABELLA REPRESENTATIVE: Evan Dumrese

GROUND SURFACE ELEVATION: N/A DATUM: N/A

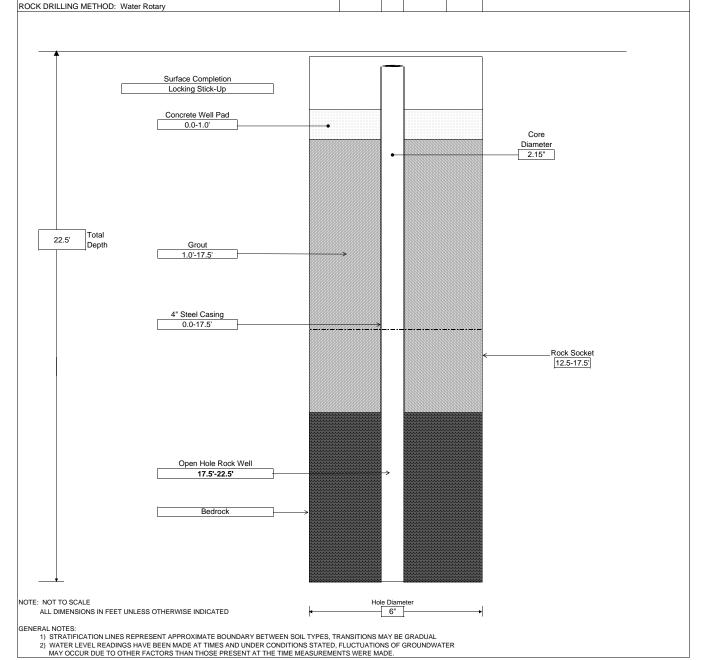
START DATE: 6/1/2011

END DATE: 6/6/2011

TYPE OF DRILL RIG: Brainard-Kilman Truck Mounted Water Rotary Drill Rig AUGER SIZE AND TYPE: NX Core (2.15" Core Barrel)

OVERBURDEN SAMPLING METHOD: Direct Push

WATER LEVEL DATA DATE TIME WATER CASING REMARKS



LABELLA
ASSOCIATES, P.C.
300 STATE STREET ROCHESTER NEW YORK

300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS CONTRACTOR: Nothnagle Drilling, Inc.

PROJECT
City Of Rochester
Former Photech Imaging Site

BORING: BR-17 SHEET 1 OF 1 JOB # 209288 CHKD. BY: ED

1000 Driving Park Avenue, Rochester, New York BORING LOCATION:

DRILLER: K. Bush

LABELLA REPRESENTATIVE: Evan Dumrese

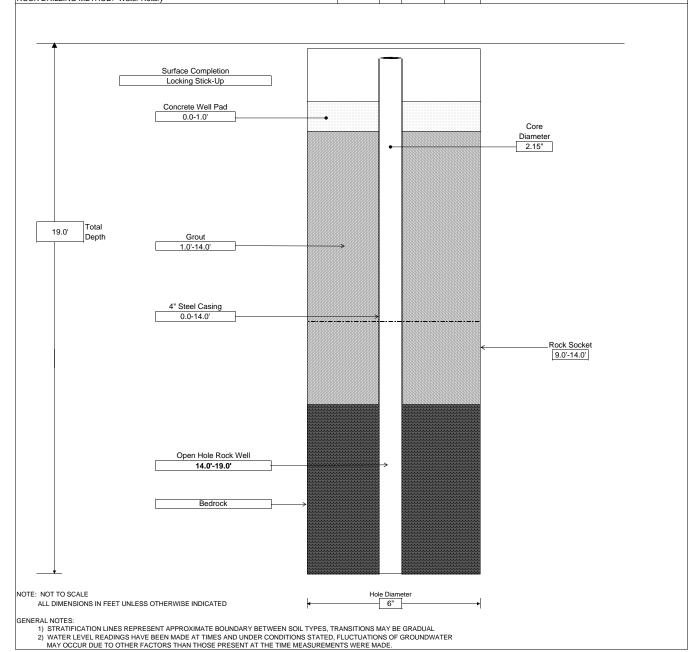
GROUND SURFACE ELEVATION: N/A START DATE: 6/2/2011

/A DATUM: N/A END DATE: 6/6/2011

TYPE OF DRILL RIG: Brainard-Kilman Truck Mounted Water Rotary Drill Rig

AUGER SIZE AND TYPE: NX Core (2.15" Core Barrel)
OVERBURDEN SAMPLING METHOD: Direct Push
ROCK DRILLING METHOD: Water Rotary

	WATE	R LEVEL DA	ATA	
DATE	TIME	WATER	CASING	REMARKS



<b>LVE</b>	BELLA
	Associates PC

MONITORING WELL Well-11

FORMER PHOTECH IMAGING SITE Project: Location: 1000 DRIVING PARK AVE, ROCHESTER, NY Client: Contractor(s):

CITY OF ROCHESTER NOTHNAGLE DRILLING S. LORANTY

Rock Coring Method: NX BIT

Driller:

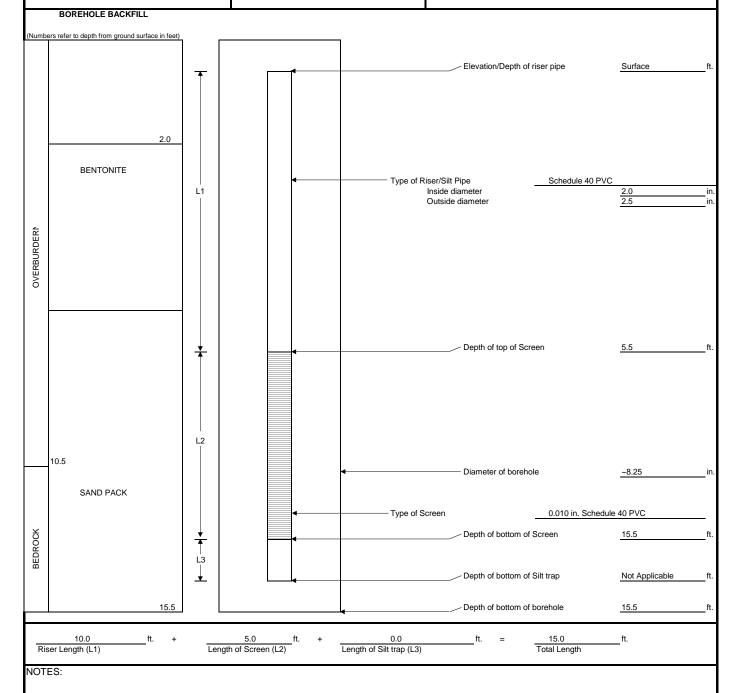
LaBella Project No.: LaBella Representative: Date Installed: Time:

Type of Drill Rig: Auger size and type:

209288 M. Pelychaty MAY 4, 2010 CME 75

4.25 IN. HOLLOW STEM AUGER

Ground El.: Not Applicable Location: SEE PLAN Depth to bedrock:



<b>LVE</b>	BELLA
	Associates PC

MONITORING WELL Well-12

FORMER PHOTECH IMAGING SITE Project: Location: 1000 DRIVING PARK AVE, ROCHESTER, NY Client: Contractor(s):

CITY OF ROCHESTER NOTHNAGLE DRILLING S. LORANTY

Rock Coring Method:

Driller:

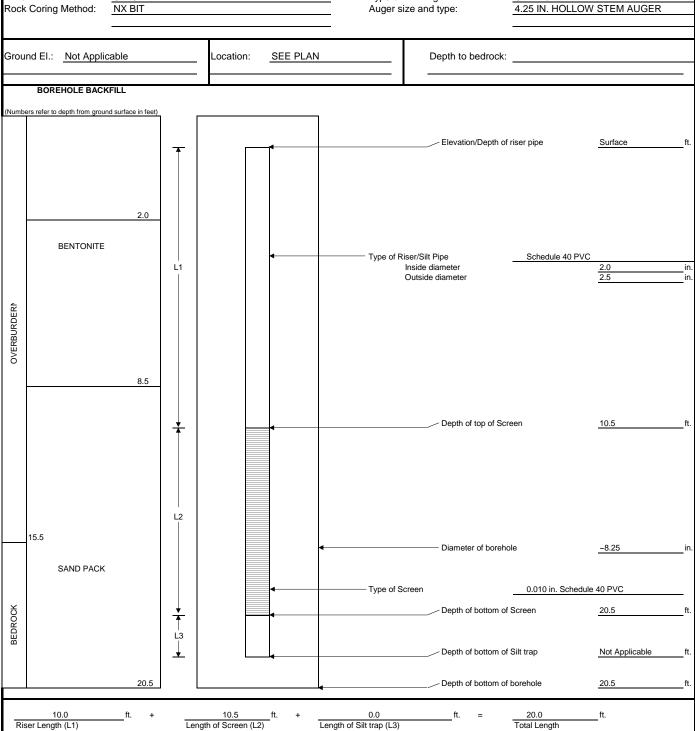
NX BIT

LaBella Project No.: LaBella Representative: Date Installed: Time:

Type of Drill Rig: Auger size and type:

209288 M. Pelychaty MAY 5, 2010

CME 75



NOTES:

<b>LVE</b>	BELLA
	Associates PC

NOTES:

# **MONITORING WELL INSTALLATION REPORT**

MONITORING WELL Well-13

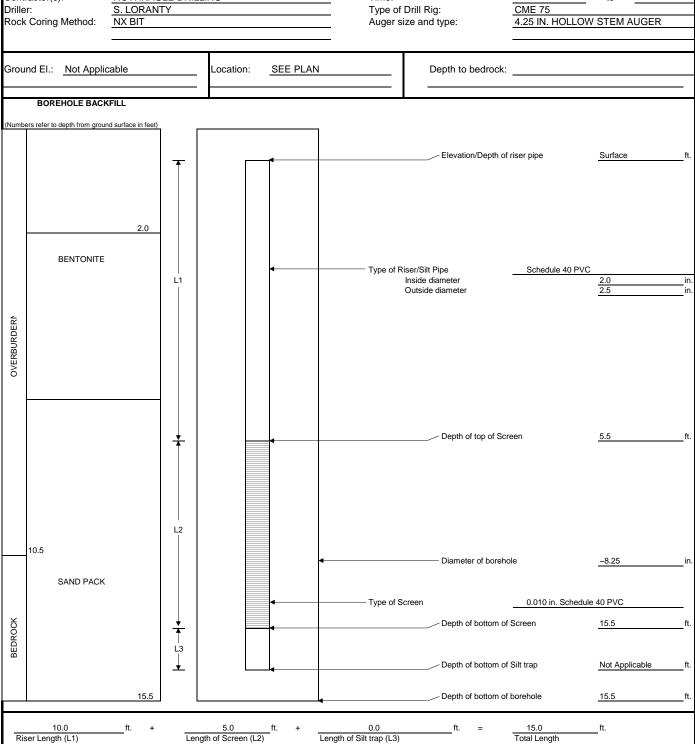
FORMER PHOTECH IMAGING SITE Project: Location: 1000 DRIVING PARK AVE, ROCHESTER, NY Client: Contractor(s):

CITY OF ROCHESTER NOTHNAGLE DRILLING

LaBella Project No.: LaBella Representative: Date Installed:

Time:

209288 M. Pelychaty MAY 5, 2010



LΛI	<b>3ELL</b>	Λ
	Accociate	

MONITORING WELL **IMW-14** 

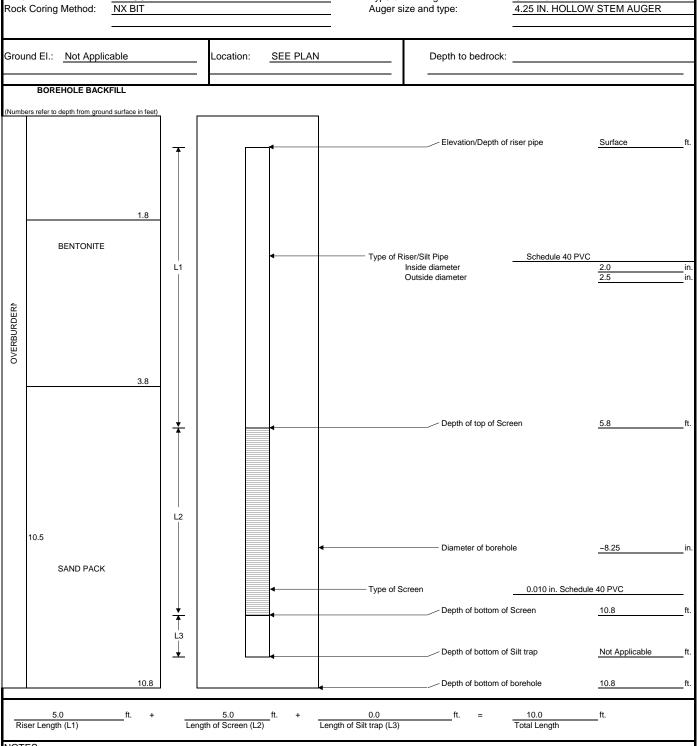
FORMER PHOTECH IMAGING SITE Project: Location: 1000 DRIVING PARK AVE, ROCHESTER, NY CITY OF ROCHESTER NOTHNAGLE DRILLING Client: Contractor(s): Driller: K. BUSH

LaBella Project No.: LaBella Representative: Date Installed: Time: Type of Drill Rig:

E. Dumrese MAY 27, 2011 CME 75

209288

NX BIT Rock Coring Method:



NOTES:

<b>LVE</b>	BELLA
	Associates PC

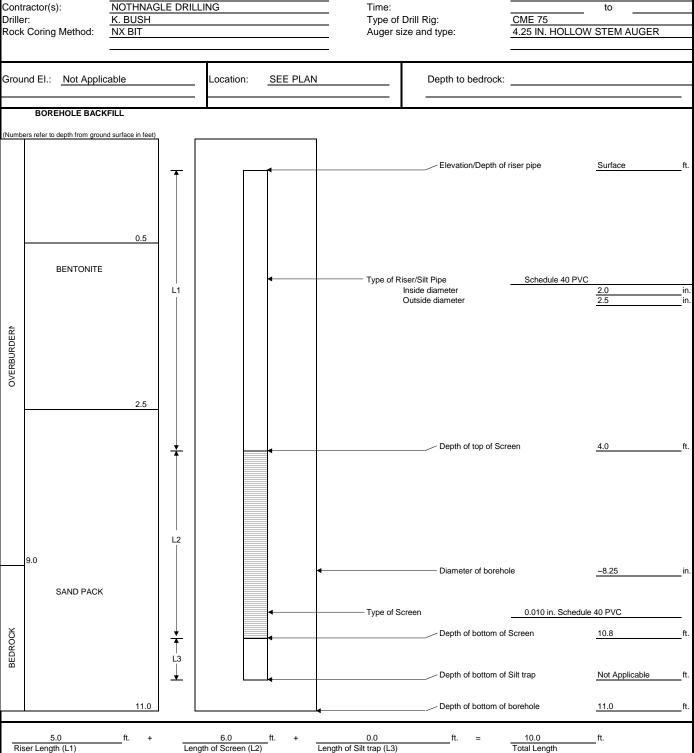
MONITORING WELL **IMW-15** 

FORMER PHOTECH IMAGING SITE Project: Location: 1000 DRIVING PARK AVE, ROCHESTER, NY Client:

CITY OF ROCHESTER NOTHNAGLE DRILLING

LaBella Project No.: LaBella Representative: Date Installed: Time:

209288 E. Dumrese MAY 31, 2011



NOTES:

L	BE	$LL\Lambda$
	Δ==	ociates PC

MONITORING WELL **IMW-16** 

FORMER PHOTECH IMAGING SITE Project: Location: 1000 DRIVING PARK AVE, ROCHESTER, NY CITY OF ROCHESTER NOTHNAGLE DRILLING Client: Contractor(s): K. BUSH NX BIT

LaBella Project No.: 209288 LaBella Representative: E. Dumrese JUNE 1, 2011 Date Installed: CME 75 4.25 IN. HOLLOW STEM AUGER

Total Length

Time: Driller: Type of Drill Rig: Rock Coring Method: Auger size and type: Ground El.: Not Applicable Location: SEE PLAN Depth to bedrock: BOREHOLE BACKFILL (Numbers refer to depth from ground surface in feet) Elevation/Depth of riser pipe Surface 0.5 BENTONITE Type of Riser/Silt Pipe Schedule 40 PVC Inside diameter L1 Outside diameter OVERBURDER 2.5 Depth of top of Screen 3.0 L2 11.6 Diameter of borehole ~8.25 SAND PACK Type of Screen 0.010 in. Schedule 40 PVC Depth of bottom of Screen 13.0 BEDROCK L3 Depth of bottom of Silt trap Not Applicable Depth of bottom of borehole 13.0 13.0 10.0 ft. 4.5 0.0 ft. 14.5 ft.

Length of Silt trap (L3)

NOTES:

Riser Length (L1)

Length of Screen (L2)

L	BE	$LL\Lambda$
	Δ==	ociates PC

MONITORING WELL **IMW-17** 

FORMER PHOTECH IMAGING SITE Project: Location: 1000 DRIVING PARK AVE, ROCHESTER, NY CITY OF ROCHESTER NOTHNAGLE DRILLING Client:

Length of Screen (L2)

LaBella Project No.: LaBella Representative: Date Installed: Time:

209288 E. Dumrese JUNE 1, 2011

Contractor(s): Driller: K. BUSH Type of Drill Rig: CME 75 4.25 IN. HOLLOW STEM AUGER Rock Coring Method: NX BIT Auger size and type: Ground El.: Not Applicable Location: SEE PLAN Depth to bedrock: BOREHOLE BACKFILL (Numbers refer to depth from ground surface in feet) Elevation/Depth of riser pipe Surface 0.5 BENTONITE Type of Riser/Silt Pipe Schedule 40 PVC Inside diameter L1 Outside diameter OVERBURDER 2.5 Depth of top of Screen 3.0 L2 9.5 Diameter of borehole ~8.25 SAND PACK Type of Screen 0.010 in. Schedule 40 PVC Depth of bottom of Screen 11.5 BEDROCK L3 Depth of bottom of Silt trap Not Applicable Depth of bottom of borehole 11.5 11.5 10.0 ft. 0.0 ft. 11.5 ft.

Length of Silt trap (L3)

Total Length

NOTES:

Riser Length (L1)



# Appendix 2 Laboratory Analytical Reports on CD