Prepared for: AmeriPride Services Incorporated
10801 Wayzata Boulevard
Minnetonka, MN 55305

Supplemental Phase II Investigation Report

Final Report

AmeriPride Services Incorporated

8 Lord Street, Buffalo, New York 14210-1118

ATTORNEY-CLIENT PRIVLEGED

ENSR Corporation
March 21, 2007
Project No.: 10770-001

ENSR | AECOM

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Prepared by Ray Smith

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Reviewed by Luke P. McKenney

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1.0 Introduction

1.1 Purpose

ENSR was retained by AmeriPride Services Incorporated (AmeriPride) to conduct a comprehensive investigation of the property located at 8 Lord Street, Buffalo, New York (the Site). Figure 1 provides a topographic map depicting the Site location. The purpose of the investigation was to identify soil or groundwater impacts that could adversely impact the property value and/or limit the existing or potential Site use. ENSR completed the first phase of the site investigation in the fall of 2005 and submitted a technical memorandum summarizing the results from this first phase (Appendix A). Consequently, the purpose of this report is to provide an overview of the supplemental investigation performed in late November and December, 2005 and provide findings and recommendations regarding the environmental condition of the property.

1.2 Organization of Report

This report has been organized into six substantive sections, as follows:

1. INTRODUCTION – Includes purpose of this comprehensive investigation and organization of the report;

2. BACKGROUND – Includes site history, scope of investigation and description of the local geology/hydrogeology;

3. SUPPLEMENTAL INVESTIGATION ACTIVITIES – Summarizes the supplemental investigation activities completed at the Site;

4. ANALYTICAL RESULTS – Discusses laboratory results for supplemental investigation soil and groundwater samples;

5. DISCUSSION – Presents a discussion of investigation findings; and,

6. RECOMMENDATIONS AND PATH FORWARD – Presents recommendations for future investigation activities if required for site closure.

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2.0 Background

2.1 Site History

AmeriPride has owned this property since approximately 1978, and since 2005, the Site has been unoccupied. The property lies in a commercial area of Buffalo approximately one mile north of the Buffalo River. Information provided by AmeriPride included a Phase I Environmental Site Assessment (ESA) conducted by C.T. Male, dated December 2004. A review of the Phase I ESA and historical information provided by AmeriPride suggested that potential recognized environmental conditions (RECs) at the Site included: several underground storage tanks (UST) or suspected tank locations; sumps, drains and trough-type floor drains; and concrete cistern-like disposal features in the basement, identified as Pit-1 and Pit-2. Reportedly, floor drains and sumps on the main floor of the facility empty into the trough-type floor drain in the washroom, which discharges to Pit-1. AmeriPride has also indicated that between 1978 and 1985, the facility used tetrachloroethylene (PCE) for dry cleaning operations.

2.2 Phase II Investigation Results

Based on the information provided and a site visit conducted in July 2005, ENSR conducted an initial Phase II investigation (Technical Memorandum dated October 19, 2005, Appendix A) that included the installation of 28 soil borings and the collection of soil samples for off-site laboratory analysis. The results of the initial investigation identified four general areas of concern (AOC) as follows:

- AOC-1 – Polycyclic aromatic hydrocarbons (PAHs) were detected in the soils in the vicinity of the west end of the former (removed) 10,000 gallon gasoline UST;
- AOC-2 - PCE, trichloroethylene (TCE) and chromium were detected in the soil adjacent to a large catch basin near Seneca Street;
- AOC-3 - PCE, TCE, PAHs, and mercury were identified in soil adjacent to the former (filled in-place) 1,500 gallon waste oil UST area; and
- AOC-4 - General area underlying the southwestern half of the building. Impacts identified in the soils underlying the on-slab (central) portion of the building include volatile organic compounds (VOCs), PAHs and metals. VOCs and/or metals were also identified in soils underlying the western portion of the basement. Impacts identified under the building may be attributable to a single general source, such as the drainage system of troughs, floor drains, sumps and collection pits (Pit-1 and Pit-2), or may be the result of more than one source.

2.3 Scope of Supplemental Investigation

To address these potential AOCs, the supplemental Phase II Investigation was designed to evaluate the nature and extent of soil impacts and assess the potential for adverse impact on groundwater quality. Specifically, the principal constituents of concern (COCs) identified in the various AOCs include chlorinated VOCs, PAHs, and the metals arsenic, cadmium, chromium, and mercury. Based on evaluation of available data, ENSR proceeded with the following supplemental investigation activities:

- Performed additional soil investigation at each of the four identified AOCs to confirm levels of COCs identified at those AOCs;
- Collected soil samples from locations up-gradient of the AOCs that can be used (if necessary) as a benchmark for “background” concentrations of COCs in the Site soils; and,

- Conducted a groundwater investigation at the Site to identify depth to groundwater and determine whether groundwater has been impacted by the detected COCs.

2.4 Local Geology and Hydrogeology

The Site is generally flat and is situated approximately one mile north of the Buffalo River. The unconsolidated geologic materials (soil) encountered at the Site range in thickness from approximately 15 to greater than 20 feet thick. The thickest soil sequences appear to be those under the on-slab portion (central) of the building.

Soils observed during investigation activities consist of fill materials overlying native soil. The fill materials include gravel, sand, silt, and clay, and often included anthropogenic materials such as brick fragments, wood fragments, clinker, glass, plastic, etc. Under the fill, the native soils consist of silty clay/clay rich silt that is mapped as lacustrine silt and clay that was deposited in proglacial lakes during late Wisconsinan glaciation. At many locations (i.e., SB-31, SB-32, SB-38, SB-47, SB-48, SB-49 and SB-50), a basal unit of fine to medium sand was observed that may represent a basal till or lacustrine sand.

The Site is situated in the Central Lowlands Physiographic Province, characterized by nearly flat-lying rocks of Devonian, Silurian and Ordovician Age. Bedrock underlying the Site is mapped as middle Devonian Onondaga Limestone.

Subsurface investigation activities conducted at the Site (described herein) identified that the uppermost groundwater bearing unit is situated at/near the interface between the soil and bedrock. Groundwater is interpreted to flow toward the south suggesting that the Buffalo River may control the local hydrogeology. Additional discussion regarding the groundwater investigation conducted at the Site is presented in Section 3.2.

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3.0 Supplemental Investigation Activities

3.1 Soil Investigation

Between November 30 and December 8, 2005, ENSR supervised the advancement of 19 supplemental soil borings at the locations depicted on Figure 2. The rationale for specific soil boring locations and samples collected at those locations is presented in Table 1. Soil borings were advanced to depths ranging from 14 feet (ft) to 20 ft below ground surface (bgs). Soil borings were advanced via track-mounted Geoprobe™ direct-push drill rig. Soils were continuously sampled using 2-inch diameter by 4-foot long MacroCore samplers. Soils were logged in the field, and screened with a photoionization detector (PID) for the presence of volatile organic compounds. Soil classifications, PID responses and additional subsurface information were recorded on soil boring logs, which are presented as Appendix B.

One or more soil samples were collected from each soil boring location, based on field observations and/or PID responses, and submitted to Severn Trent Laboratories of Buffalo, New York for laboratory analysis. The laboratory program for the project included analysis for Target Compound List (TCL) volatile organic compounds (VOCs), TCL semivolatile organic compounds (SVOCs), and 8 Resource Conservation and Recovery Act (RCRA) metals (arsenic, barium, cadmium, chromium, lead, selenium, silver and mercury). The depth interval for the sample(s) collected from each soil boring, and the specific analyses requested for each sample are summarized on Table 1.

3.2 Groundwater Investigation

In order to evaluate groundwater quality across the Site, six soil borings were completed as groundwater monitoring wells (see Figure 2 for locations). Monitoring wells were constructed of 2-inch diameter schedule 40 PVC screens and risers. Wells were installed into the uppermost water bearing zone, which has been defined as the overburden-bedrock interface. Well construction diagrams are presented as Appendix C.

Monitoring well development was conducted on December 6, 2005 (monitoring wells MW-1, MW-3 and MW-6) and December 9, 2005 (monitoring wells MW-2, MW-4 and MW-5). The top of PVC casing at each well was surveyed for elevation relative to an on-site benchmark (arbitrarily established at 100 feet) so that groundwater elevations could be calculated.

Groundwater sampling was conducted December 14, 2005. Prior to sampling activities, groundwater levels were gauged at all monitoring well locations so that groundwater flow direction could be interpreted. As depicted on Figure 3, the December 14, 2005 groundwater elevation data suggest that groundwater flows toward the south with an interpreted (because scale of map is approximated) hydraulic gradient of 0.05 feet per foot (ft/ft) . This southward flow direction is consistent with expectations that groundwater may be locally controlled by the Buffalo River, which is located less than one mile south of the Site.

Disposable bailers were used to purge a minimum of three calculated well volumes from each well prior to sample collection, after which the wells were allowed to recover for approximately one hour. A peristaltic pump was used to collect groundwater samples from each well, at a low flow rate to minimize sample turbidity and turbulence. Groundwater samples were delivered to Severn Trent Laboratories for analysis of TCL VOCs, TCL SVOCs and RCRA Metals.

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4.0 Analytical Results

4.1 Soil Investigation

The rationale for specific supplemental soil boring locations and samples collected at those locations is presented in Table 1. The analytical results for those soil samples collected during the supplemental investigation are summarized on Table 2 (VOCs), Table 3 (SVOCs) and Table 4 (Metals). Analytical results have been compared to Soil Cleanup Objectives (SCOs) presented in 6 NYCRR Part 375 Environmental Remediation Program (December 2006) for restricted-commercial land use and/or protection of groundwater. See the Discussion section below for additional information regarding these cleanup objectives.

4.1.1 Volatile Organic Compounds

Concentrations of one or more VOCs were detected in many of the soil samples submitted for analysis (see Table 2). In most samples, the VOCs detected were at concentrations below their respective SCOs. Analysis of samples SB-40 (12-14'), SB-40 (14-16'), and SB-46 (2-3') detected concentrations of chlorinated VOCs at concentrations well above their respective SCOs (protection of groundwater). In addition, acetone was detected in sample SB-48 (1.5-2') at a concentration that slightly exceeded its SCO.

4.1.2 Semivolatile Organic Compounds

As presented on Table 3, SVOCs were detected in many of the soil samples submitted for analysis. Most of the SVOCs detected fall into the suite of polynuclear aromatic hydrocarbons (PAH). PAHs were detected at concentrations exceeding SCOs in two samples. PAH concentrations reported in SB-48 (1.5-2') represented slight exceedances (i.e., <2 times the SCO), while concentrations reported in SB-46 (2-3') were several to tens of times greater than their respective SCOs. Dibenzofuran was identified in two of the samples submitted for analysis; however an SCO for this compound has not been established.

Phthalates were detected at low concentrations, typically below the limits of quantitation, in many of the soil samples. In most instances, the phthalates were also detected in the method blanks associated with the samples, and are likely laboratory artifacts.

4.1.3 Metals

As presented on Table 4, one or more RCRA metals including arsenic, barium, cadmium, chromium, lead and nickel were detected in each of the supplemental soil samples analyzed. Concentrations of metals detected did not exceed SCOs. It is noted that chromium has dual SCOs; one for trivalent chromium (insoluble form) and one for hexavalent chromium (soluble form). The SCOs for hexavalent chromium are more stringent than those for trivalent chromium (there is no groundwater SCO for trivalent chromium). Because concentrations of chromium detected in groundwater samples collected from the Site were substantially lower than its groundwater quality standard (see Section 4.2.3), the chromium detected in the soil samples appears to be non-soluble and therefore the trivalent chromium SCO (public health) has been used as basis of comparison. Chromium concentrations reported in soil samples collected during the supplemental investigation were generally two orders of magnitude lower than this SCO.

4.2 Groundwater Investigation

The analytical results for groundwater samples collected during the supplemental investigation are summarized on Table 5. Groundwater analytical results have been compared to water quality standards

presented in the NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 (TOGS): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (June 1998). Exceedances of the TOGS water quality standards in groundwater samples collected from the Site are presented on Figure 6.

4.2.1 Volatile Organic Compounds

As presented in Table 5, VOCs were detected in the groundwater samples collected from monitoring wells at the Site. Chlorinated VOCs including PCE, TCE, cis-1,2-dichloroethylene (cis-1,2-DCE) and/or vinyl chloride (VC) were reported in groundwater samples collected from monitoring wells MW-3 and MW-4 at concentrations that exceeded groundwater quality standards established for these compounds. Concentrations (or estimated concentrations) of other VOCs detected during the groundwater investigation were below their respective water quality standards.

4.2.2 Semivolatile Organic Compounds

Bis(2-ethylhexyl)phthalate was reported at an estimated concentration (5 ug/L) equal to its groundwater quality standard. This compound may be a laboratory artifact (compound was detected in blanks associated with many soil samples collected during the supplemental investigation). Phenanthrene, detected at estimated concentrations in groundwater samples collected from MW-2 and MW-5 was the only other SVOC detected in groundwater samples collected from the Site. These phenanthrene concentrations were significantly lower than the water quality standard established for this compound.

4.2.3 Metals

As presented on Table 5, levels of barium were reported in groundwater samples collected from all wells at the Site, at levels well below the water quality standard for this metal. Chromium and lead were also detected in the groundwater sample collected from MW-4 at concentrations below their respective water quality standards. Other RCRA metals were not detected in groundwater samples collected from the Site.

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5.0 Discussion

In December 2006, NYSDEC's Division of Environmental Remediation issued the final 6 NYCRR Part 375 Environmental Remediation Program which outlines a standardized approach for site closure. Previously, such approaches for site closure were not available in New York State, and the use of risk evaluation in site closure was not recognized by the NYSDEC. The new regulation provides structured guidance in site remediation and closure processes, and provides soil cleanup objectives (SCOs) that are dependent upon the current and/or anticipated future land use (i.e. unrestricted, restricted–residential (residential), restricted–commercial (commercial), restricted–industrial (industrial)), as well as SCOs for the protection of groundwater and ecological resources.

Figure 4 and Figure 5 present soil analytical results for soil samples collected during the initial and supplemental investigations that exceeded the most stringent of either the commercial SCO or the SCO for the protection of groundwater. In *most* cases, the SCO for protection of groundwater is more stringent than the SCO considered protective of public health.

Chlorinated VOCs detected at exceedance concentrations in soil and groundwater are the most significant environmental concern at the Site. Concentrations of PCE and likely degradation products, including TCE, cis-1,2-DCE, and VC, have been detected at concentrations exceeding SCOs in soil samples collected from each of AOC-1, AOC-2 and AOC-3.

As depicted on Figures 4 and 5, the highest concentrations of PCE have been detected in samples collected from soil borings SB-13 and SB-40 (AOC-2), soil boring SB-7 (AOC-3) and soil borings SB-21, SB-24, SB-28, and SB-46 (AOC-4). The distribution of soil borings and sample results suggest multiple source areas, including the Site Catch Basin near Seneca Street in AOC-2, and the former 1,500-gallon waste oil UST in AOC-3. In AOC-4, sources of soil impact by chlorinated VOCs appear to include the trough drain in the former washroom area on the main floor and the cistern-type structures (Pit-2 and Pit-1) in the basement.

Concentrations of PCE, TCE, cis-1,2-DCE and/or VC exceeding water quality standards, have been detected in groundwater samples collected from monitoring wells MW-3 and MW-4 (see Figure 6). Trace (estimated) concentrations of PCE were also detected in the groundwater sample collected from monitoring well MW-5. Additional groundwater investigation will be necessary to confirm concentrations of COCs detected, and to define the vertical and horizontal extent of groundwater impacts both on and off-Site.

ENSR has prepared the following summary of potential environmental concerns for the previously identified AOCs.

AOC-1

As depicted on Figure 4, four SVOCs have been reported in soil sample SB-2 (0.5-1.5') at estimated concentrations that exceed SCOs. The presence of these compounds in the soil is considered a minor concern because the concentrations represent only slight exceedances of the groundwater SCOs and do not exceed commercial SCOs that are considered protective of public health. No further action is recommended in this AOC.

AOC-2

Chlorinated VOCs in soil (SB-13 and SB-40) and groundwater (MW-3), as previously discussed, represent the primary environmental concern in this AOC.

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AOC-3

Chlorinated VOCs in soil (SB-7) and groundwater (MW-4), as previously indicated, represent the primary environmental concern in this AOC.

AOC-4

In addition to chlorinated VOCs detected in soil and groundwater samples collected from AOC-4, elevated concentrations of mercury and PAHs were also identified in some of the soil samples collected from the area. Total mercury was detected at concentrations exceeding the SCOs in samples collected from soil borings SB-20, SB-22 and SB-23 (see Figure 4). The concentrations detected in these samples exceed the SCO for mercury by less than 15% and therefore are not considered a significant concern.

One or more PAHs were detected at exceedance concentrations in several of the AOC-4 soil borings. In some cases, the exceedances were relatively slight (i.e., less than 2 times the SCO), while in other samples, exceedances were of greater magnitude. Concentrations of specific PAHs reported in samples collected from soil borings SB-24 and SB-46 were generally 1 to 2 orders of magnitude greater than their respective SCOs. Field observations and analytical data suggest that impact by PAHs may be limited to the uppermost 3-4 feet. Sample SB-46 (2-3') had the highest PAH concentration reported at the Site, however odors and/or staining was not observed below 4 feet. Additionally, PAHs were not detected in the deeper sample SB-46 (16-17') (see Table 3) collected at that location.

The concrete floor (footprint of the building) is currently acting as an engineered barrier, preventing direct contact with potentially impacted sub-floor soils and minimizing the infiltration of precipitation that might transport impacts and degrade groundwater. If the building was demolished in the future and the concrete flooring removed, installation and maintenance of a suitable engineered barrier or other remedial action would likely be required, or other remedial action implemented , to mitigate the potential for exposure to the impacts by the general population.

It is noted that the trough drain in the washroom, and some of the rectangular "sumps" located inside the building are partially filled with sediment and/or debris. These materials may be impacted by Site COCs and may pose a direct-contact risk.

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6.0 Recommendations and Path Forward

As discussed previously, subsurface investigations have identified four potential AOCs at the Site in which soil and/or groundwater impacts have been identified at concentrations that exceed SCOs or water quality criteria. Some of the potential concerns are relatively minor, while the exceedance concentrations of chlorinated VOCs in soil and groundwater are a more substantial concern.

The Environmental Remediation Program regulations (6 NYCRR Part 375) may be a useful tool in attaining closure of the Site. In order to formalize attainment of remedial goals and to limit AmeriPride's future liability associated with the Site, ENSR suggests that AmeriPride consider entering into the Brownfields Cleanup Program (BCP). It is likely that the NYSDEC will require participation in the BCP before formal closure of eligible sites will be entertained.

6.1 Brownfield Cleanup Program

Under the BCP, an applicant signs a Brownfield Cleanup Agreement (BCA), agreeing to undertake certain remedial activities under NYSDEC oversight. Work plans, investigation reports, remedial work plans, etc are reviewed and approved by the NYSDEC. Upon completion of the remedial activities agreed to in the approved work plan(s), the NYSDEC issues a Certificate of Completion. Under issuance of the Certificate of Completion, the applicant:

- has no liability to the State for hazardous waste or petroleum at or emanating from the Site (with certain limitations); and
- is eligible for tax credits (a Certificate of Completion is referred to as a Remediation Certificate in the Tax Law).

The limitation of liability extends to the applicant's successors/future property owners, developers, and occupants who are not responsible for the disposal or discharge of hazardous waste or petroleum and who act with due care and in good faith to adhere to the requirements of the BCA.

Brownfield redevelopment tax credits may be available (as high as 22% for businesses), which include the following components:

- Site preparation credit for investigation and remediation costs;
- Tangible property credit for costs associated with the development or redevelopment of the site, including buildings and structural components; and
- On-site groundwater remediation credit.

Prior to entering into the BCP, a pre-application meeting with the NYSDEC and New York State Department of Health is recommended in order to discuss the benefits, requirements, and procedures for completing a project in the BCP. The pre-application meeting would provide a forum to present the investigation activities already completed at the Site and to solicit buy in from the NYSDEC for proposed remedial actions. After the pre-application meeting, the application for entry into the BCP would be filed.

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6.2 Next Steps

The primary environmental concern at the Site is the presence of chlorinated VOCs including PCE, TCE, cis-1,2-DCE and VC in AOC-2, AOC-3 and AOC-4. Impacts by other constituents of potential concern including PAHs (AOC-1 and AOC-4) and mercury (AOC-4) do exist, however exceedances of these constituents are relatively minor and/or exposure to the impacts by the general public (and to infiltrating precipitation) is limited by a surface barrier (concrete flooring). It is likely that a deed notation, assuring maintenance of such an engineered-barrier would satisfy closure requirements for these areas. The trough drain in the washroom, and some of the rectangular "sumps" located inside the building (AOC-4) are partially filled with sediment, soil, and/or debris. These materials may be impacted by Site COCs and may pose a direct-contact risk. ENSR recommends that the sumps and trough drains be cleaned and that the contents characterized and properly disposed.

Because AmeriPride's Phase II Environmental Site Assessment activities are not currently being performed to satisfy regulatory requirements or consent order, the determination whether to pursue formal "closure" of the Site is currently at AmeriPride's discretion. If AmeriPride chooses to pursue site closure, ENSR strongly recommends that AmeriPride consider entering the BCP.

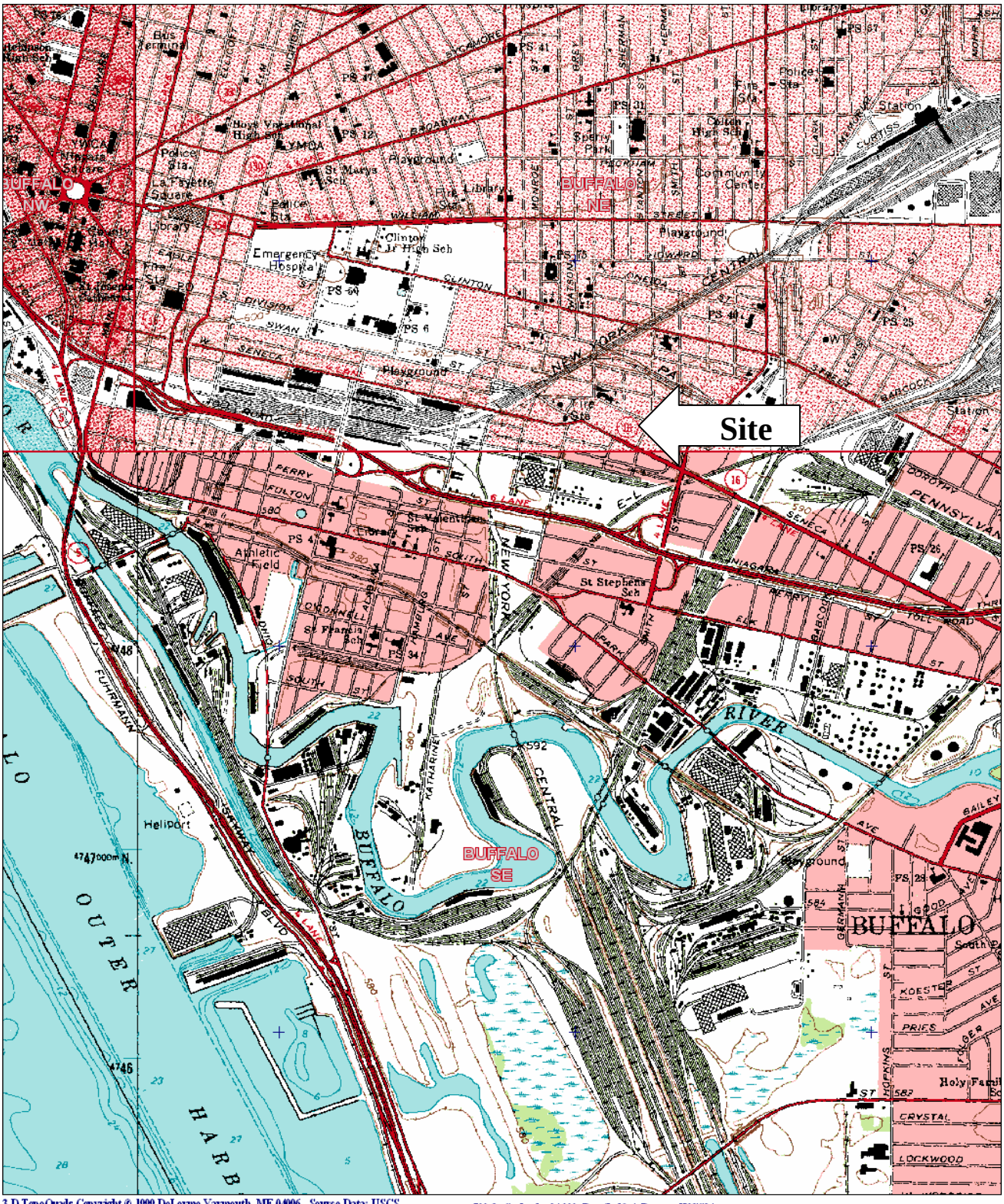
Under the BCP, next steps would involve arranging a pre-application meeting with the NYSDEC. After the pre-application meeting, assuming that AmeriPride decides to participate in the program, the application would be filed. Under the BCP, the Phase I ESA (C.T. Male, 2004) may need to be updated to document that conditions have not changed substantially since the time that report was completed. The updated (if necessary) Phase I ESA coupled with this Supplemental Phase II Investigation Report would form the foundation for future investigation and remedial action at the Site. Future work would involve the preparation of an investigation work plan that would address outstanding AOCs at the Site. The work plan would include:

- Confirmatory round of groundwater sampling;
- Installation of additional overburden and bedrock wells to assess extent groundwater impact;
- Collection of hydrogeologic data (i.e., slug/pumping tests) from select wells;
- Vapor intrusion investigation in the basement of the AmeriPride building and along portions of the property line that abut residential properties; and,
- Cleaning of internal drainage structures (trough drains and sumps in former wash room and basement of the building.

While these investigation/remedial activities may be performed without entering the BCP, achieving consent from the NYSDEC on proposed activities prior to implementation will likely reduce the level of effort necessary to satisfy closure requirements and the associated long-term costs for Site closure.

If AmeriPride decides not to participate in the BCP at this time, ENSR will prepare a proposal/remedial action plan to address the above-listed items. A decision to participate in the BCP could be made after additional data have been gathered. As discussed previously, however, formal closure of the Site may not be considered by the NYSDEC without participation in the BCP. Without a Certificate of Completion, granted under the provisions of the BCP, environmental liability associated with the Site will remain a future concern.

Figures



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 700 ft Scale: 1 : 24,000 Detail: 13-4 Datum: WGS84

USGS Topographic Quadrangle
Buffalo, NY

SCALE: 1:24,000

Site Location

AmeriPride Services, Inc.
8 Lord Street
Buffalo, New York

March 2007 Job No. 10770-001-300

Figure 1

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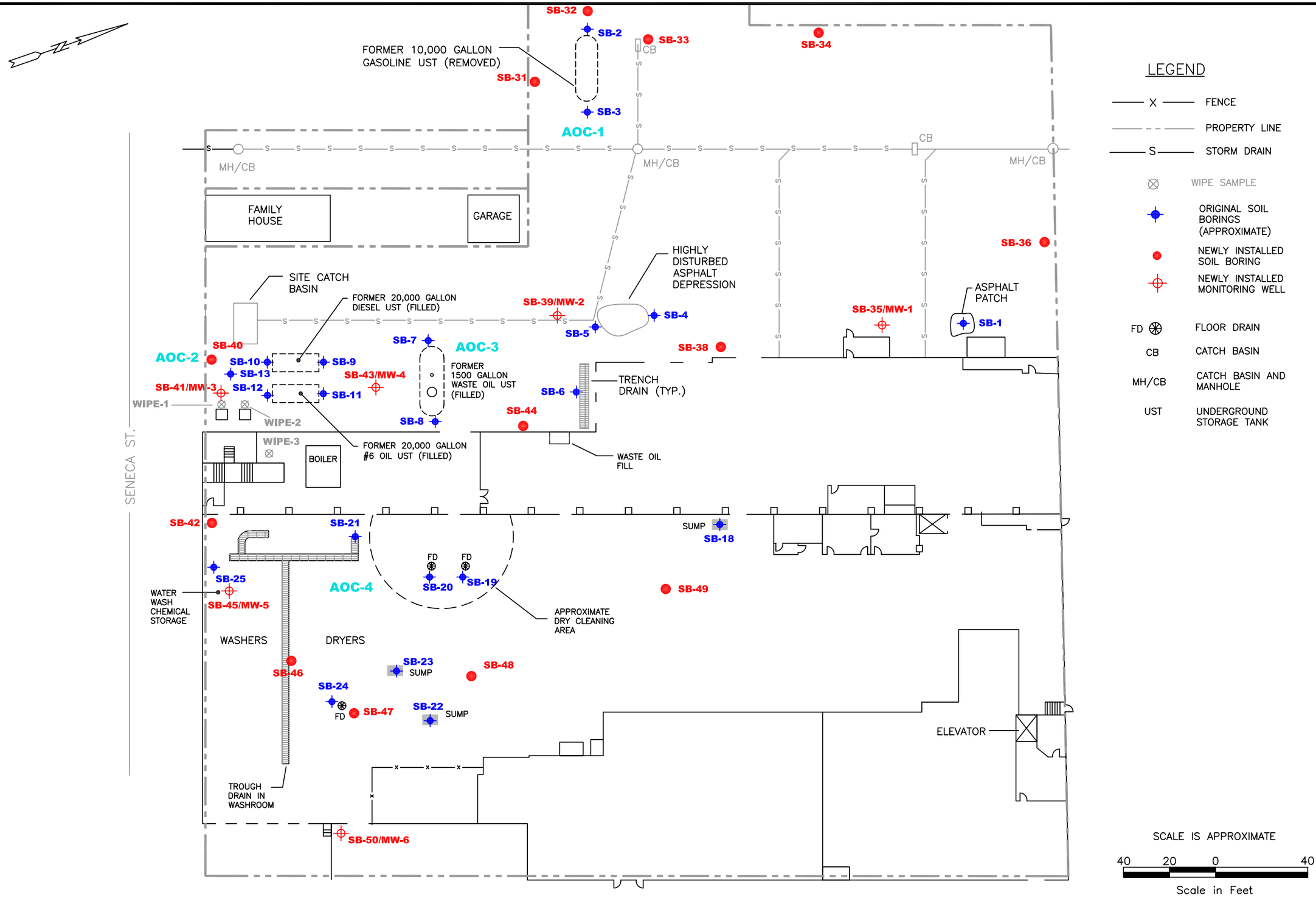

LEGEND

- FENCE
- PROPERTY LINE
- STORM DRAIN
- WIPE SAMPLE
- ORIGINAL SOIL BORINGS (APPROXIMATE)
- NEWLY INSTALLED SOIL BORING
- NEWLY INSTALLED MONITORING WELL
- FD — FLOOR DRAIN
- CB — CATCH BASIN
- MH/CB — CATCH BASIN AND MANHOLE
- UST — UNDERGROUND STORAGE TANK

SCALE IS APPROXIMATE

40 20 0 40

Scale in Feet

REVISIONS	NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY: | DRAWN BY: | CHECKED BY: | APPROVED BY:

ENSR | AECOM

ENSR CORPORATION
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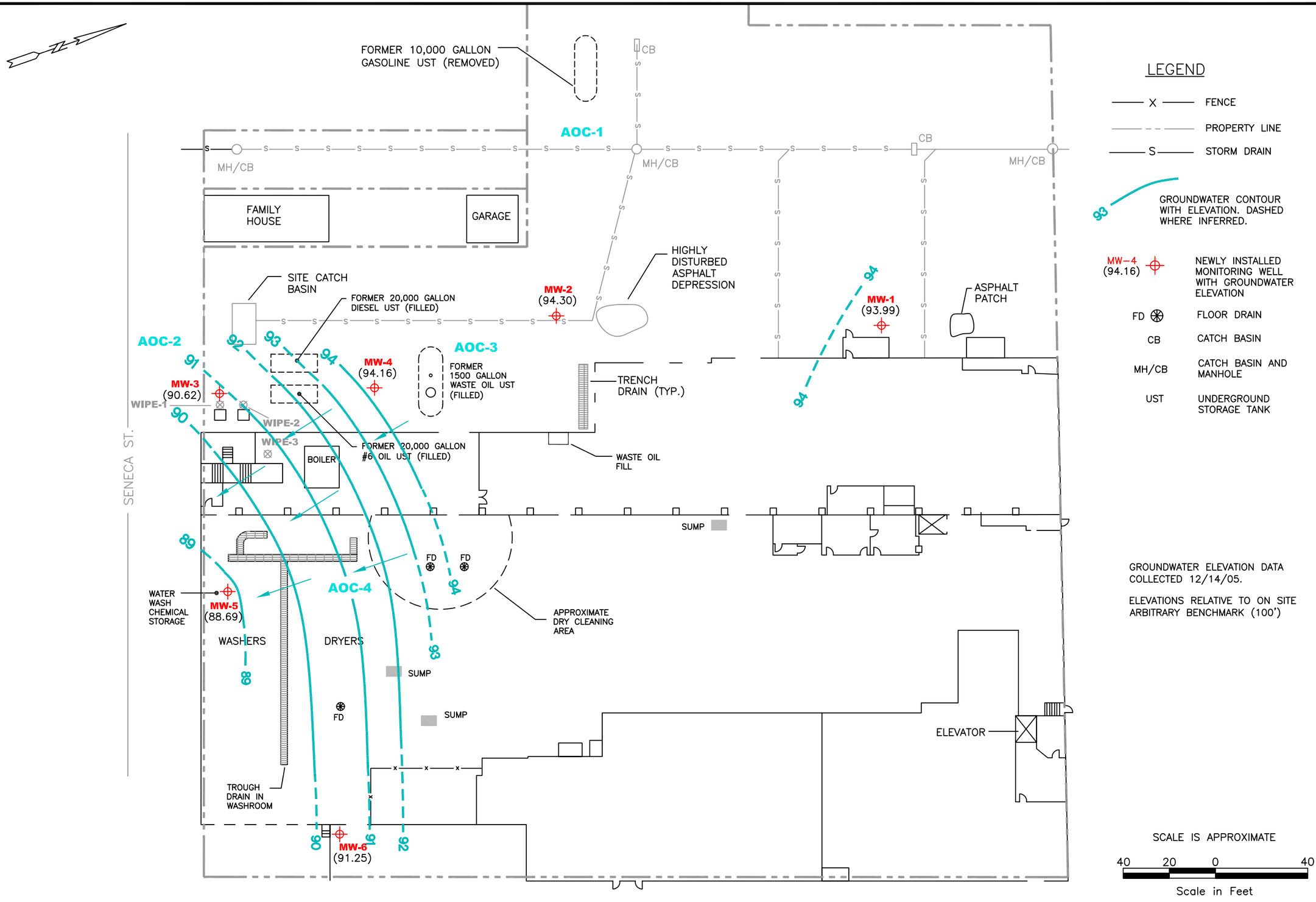
SITE MAP
SOIL BORING AND MONITORING WELL LOCATIONS
AMERIPRIDE SERVICES Inc.
BUFFALO, NEW YORK

PROJECT NUMBER: 10770-001
DATE: 1/18/07
SCALE: AS NOTED

FIGURE NUMBER: **2**

SHEET NUMBER: 1 OF 1

J:\LANSTAND\120\Projects\10770001 AmeriPride-Buffalo\DRAWINGS\SUPP. INVEST\FIG.2.dwg



LEGEND

- X — FENCE
- PROPERTY LINE
- S — STORM DRAIN
- 93 — GROUNDWATER CONTOUR WITH ELEVATION. DASHED WHERE INFERRED.
- MW-4 (94.16) — NEWLY INSTALLED MONITORING WELL WITH GROUNDWATER ELEVATION
- FD — FLOOR DRAIN
- CB — CATCH BASIN
- MH/CB — CATCH BASIN AND MANHOLE
- UST — UNDERGROUND STORAGE TANK

GROUNDWATER ELEVATION DATA COLLECTED 12/14/05.

ELEVATIONS RELATIVE TO ON SITE ARBITRARY BENCHMARK (100')

SCALE IS APPROXIMATE

40 20 0 40

Scale in Feet

REVISIONS	NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY: | DRAWN BY: | CHECKED BY: | APPROVED BY:

ENSR | AECOM

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INTERPRETED GROUNDWATER FLOW MAP

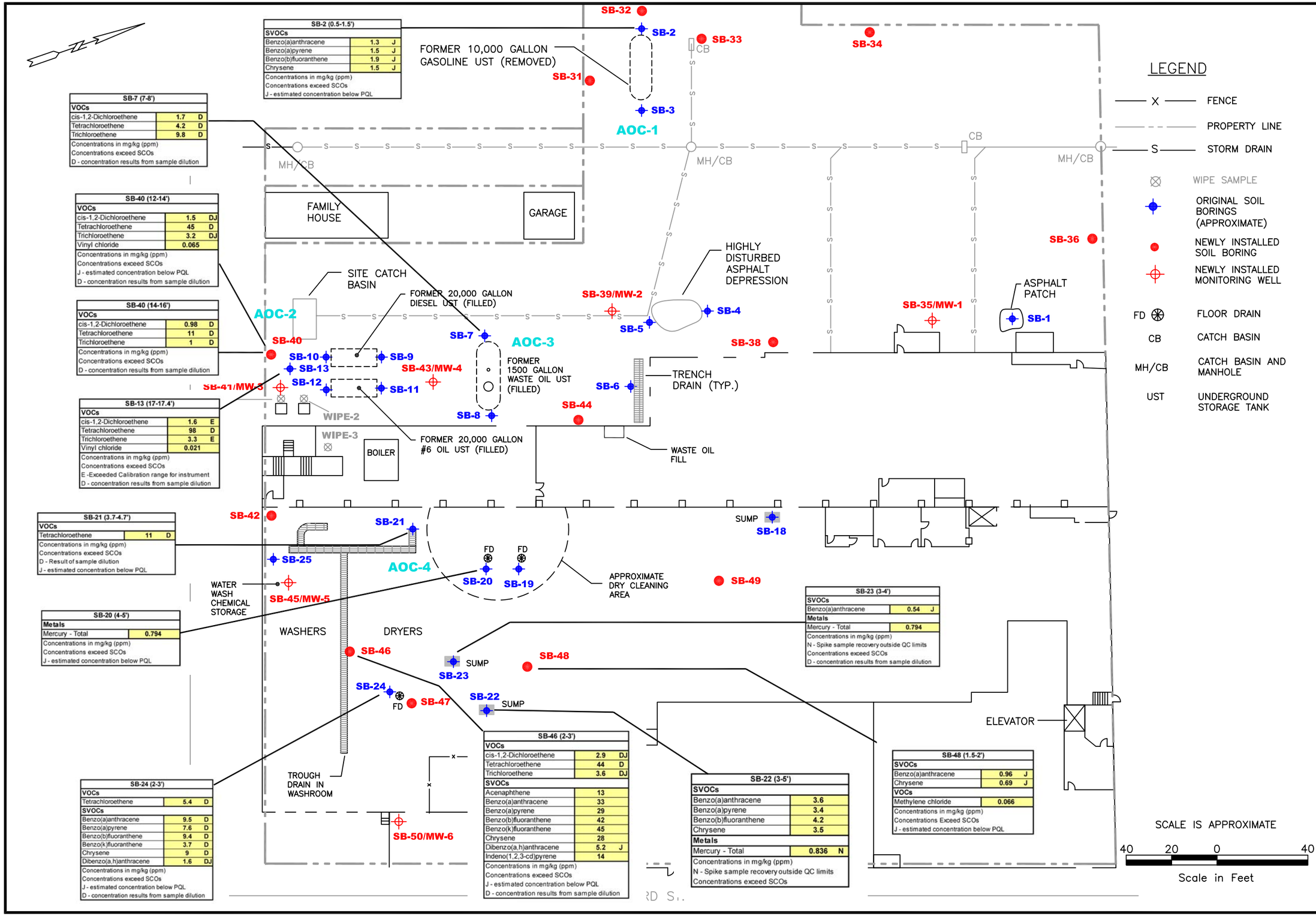
AMERIPRIDE SERVICES Inc.
BUFFALO, NEW YORK

PROJECT NUMBER: 10770-001
DATE: 1/18/07
SCALE: AS NOTED

FIGURE NUMBER: 3

SHEET NUMBER: 1 OF 1

J:\LANSTAND\120\Projects\10770001 AmeriPride-Buffalo\DRAWINGS\SUPP. INVEST\FIG.3.dwg



SB-2 (0.5-1.5')

SVOCs		
Benzo(a)anthracene	1.3	J
Benzo(a)pyrene	1.5	J
Benzo(b)fluoranthene	1.9	J
Chrysene	1.5	J

Concentrations in mg/kg (ppm)
Concentrations exceed SCOs
J - estimated concentration below PQL

SB-7 (7-8')

VOCs		
cis-1,2-Dichloroethene	1.7	D
Tetrachloroethene	4.2	D
Trichloroethene	9.8	D

Concentrations in mg/kg (ppm)
Concentrations exceed SCOs
D - concentration results from sample dilution

SB-40 (12-14')

VOCs		
cis-1,2-Dichloroethene	1.5	DJ
Tetrachloroethene	45	D
Trichloroethene	3.2	DJ
Vinyl chloride	0.065	

Concentrations in mg/kg (ppm)
Concentrations exceed SCOs
J - estimated concentration below PQL
D - concentration results from sample dilution

SB-40 (14-16')

VOCs		
cis-1,2-Dichloroethene	0.98	D
Tetrachloroethene	11	D
Trichloroethene	1	D

Concentrations in mg/kg (ppm)
Concentrations exceed SCOs
D - concentration results from sample dilution

SB-13 (17-17.4')

VOCs		
cis-1,2-Dichloroethene	1.6	E
Tetrachloroethene	98	D
Trichloroethene	3.3	E
Vinyl chloride	0.021	

Concentrations in mg/kg (ppm)
Concentrations exceed SCOs
E -Exceeded Calibration range for instrument
D - concentration results from sample dilution

SB-21 (3.7-4.7')

VOCs		
Tetrachloroethene	11	D

Concentrations in mg/kg (ppm)
Concentrations exceed SCOs
D - Result of sample dilution
J - estimated concentration below PQL

SB-20 (4-5')

Metals		
Mercury - Total	0.794	

Concentrations in mg/kg (ppm)
Concentrations exceed SCOs
J - estimated concentration below PQL

SB-24 (2-3')

VOCs		
Tetrachloroethene	5.4	D
SVOCs		
Benzo(a)anthracene	9.5	D
Benzo(a)pyrene	7.6	D
Benzo(b)fluoranthene	9.4	D
Benzo(k)fluoranthene	3.7	D
Chrysene	9	D
Dibenzo(a,h)anthracene	1.6	DJ

Concentrations in mg/kg (ppm)
Concentrations exceed SCOs
J - estimated concentration below PQL
D - concentration results from sample dilution

SB-46 (2-3')

VOCs		
cis-1,2-Dichloroethene	2.9	DJ
Tetrachloroethene	44	D
Trichloroethene	3.6	DJ
SVOCs		
Acenaphthene	13	
Benzo(a)anthracene	33	
Benzo(a)pyrene	29	
Benzo(b)fluoranthene	42	
Benzo(k)fluoranthene	45	
Chrysene	28	
Dibenzo(a,h)anthracene	5.2	J
Indeno(1,2,3-cd)pyrene	14	

Concentrations in mg/kg (ppm)
Concentrations exceed SCOs
J - estimated concentration below PQL
D - concentration results from sample dilution

SB-22 (3-5')

SVOCs	
Benzo(a)anthracene	3.6
Benzo(a)pyrene	3.4
Benzo(b)fluoranthene	4.2
Chrysene	3.5
Metals	
Mercury - Total	0.836 N

Concentrations in mg/kg (ppm)
N - Spike sample recovery outside QC limits
Concentrations exceed SCOs

SB-23 (3-4')

SVOCs		
Benzo(a)anthracene	0.54	J
Metals		
Mercury - Total	0.794	

Concentrations in mg/kg (ppm)
N - Spike sample recovery outside QC limits
Concentrations exceed SCOs
D - concentration results from sample dilution

SB-48 (1.5-2')

SVOCs		
Benzo(a)anthracene	0.96	J
Chrysene	0.69	J
VOCs		
Methylene chloride	0.066	

Concentrations in mg/kg (ppm)
Concentrations Exceed SCOs
J - estimated concentration below PQL

REVISIONS

NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY: | DRAWN BY: | CHECKED BY: | APPROVED BY:

ENSR | AECOM
ENSR CORPORATION
5015 CAMPUSWOOD DRIVE, SUITE 104
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SOIL COC CONCENTRATIONS EXCEEDING SCOs

AMERIPRIDE SERVICES Inc.
BUFFALO, NEW YORK

PROJECT NUMBER: 10770-001
DATE: 1/18/07
SCALE: AS NOTED

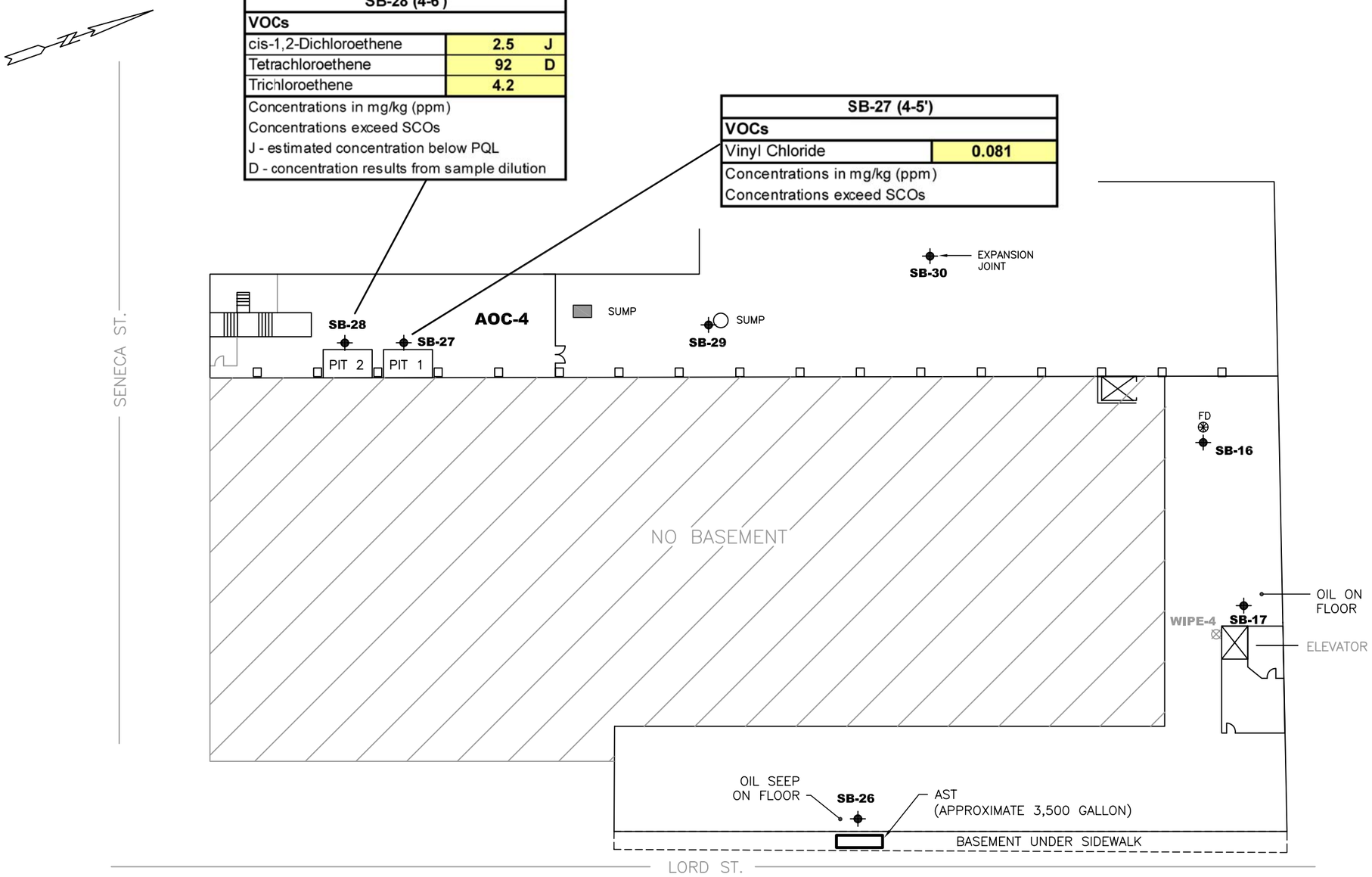
FIGURE NUMBER: 4

SHEET NUMBER: 1 OF 1

J:\LANSTAND\120\Projects\10770001 AmeriPride-Buffalo\DRAWINGS\SUPP. INVEST\FIG.4.dwg

SB-28 (4-6')		
VOCs		
cis-1,2-Dichloroethene	**2.5**	**J**
Tetrachloroethene	**92**	**D**
Trichloroethene	**4.2**	
Concentrations in mg/kg (ppm)		
Concentrations exceed SCOs		
J - estimated concentration below PQL		
D - concentration results from sample dilution		

SB-27 (4-5')	
VOCs	
Vinyl Chloride	**0.081**
Concentrations in mg/kg (ppm)	
Concentrations exceed SCOs	



LEGEND

⊗ WIPE SAMPLE

ORIGINAL SOIL BORINGS (APPROXIMATE)

AST ABOVE GROUND STORAGE TANK

SCALE IS APPROXIMATE

40 20 0 40

Scale in Feet

REVISIONS			
NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY: | DRAWN BY: | CHECKED BY: | APPROVED BY:

ENSR | AECOM

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SOIL COC CONCENTRATIONS EXCEEDING SCOs (BASEMENT AREA)

AMERIPRIDE SERVICES Inc.
BUFFALO, NEW YORK

SCALE:	DATE:	PROJECT NUMBER:
AS NOTED	1/18/07	10770-001

FIGURE NUMBER: **5**

SHEET NUMBER: 1 OF 1

J:\LANSTAND\120\Projects\10770001 AmeriPride-Buffalo\DRAWINGS\SUPP. INVEST\FIG.5.dwg

MW-4 12/14/05		
VOCs		
cis-1,2-Dichloroethene	66	
Tetrachloroethene	140	D
Trichloroethene	87	
Concentrations in ug/L (ppb)		
Concentrations exceed WQSs		
D - concentration results from sample dilution		

MW-3 12/14/05		
VOCs		
cis 1,2-Dichloroethene	94	D
Vinyl chloride	26	D
Concentrations in ug/L (ppb)		
Concentrations exceed WQSs		
D - concentration results from sample dilution		

MW-2 12/14/05		
SVOCs		
Bis(2-ethylhexyl)phthalate	5	J
Concentrations in ug/L (ppb)		
Concentrations exceed WQSs		
J - estimated concentration below PQL		

SB-32, SB-2, SB-33, SB-34, SB-31, SB-3, SB-36, SB-35/MW-1, SB-38, SB-39/MW-2, SB-4, SB-5, SB-7, SB-40, SB-10, SB-13, SB-9, SB-41/MW-3, SB-12, SB-11, SB-43/MW-4, SB-8, SB-6, SB-44, SB-1, SB-42, SB-21, SB-25, SB-45/MW-5, SB-20, SB-19, SB-18, SB-49, SB-46, SB-23, SB-48, SB-24, SB-47, SB-22, SB-50/MW-6

FORMER 10,000 GALLON GASOLINE UST (REMOVED)

AOC-1

CB

MH/CB

GARAGE

CATCH BASIN

FORMER 20,000 GALLON DIESEL UST (FILLED)

HIGHLY DISTURBED ASPHALT DEPRESSION

ASPHALT PATCH

AOC-3

FORMER 1500 GALLON WASTE OIL UST (FILLED)

TRENCH DRAIN (TYP.)

AOC-2

WIPE-1, WIPE-2, WIPE-3

FORMER 20,000 GALLON #6 OIL UST (FILLED)

BOILER

WASTE OIL FILL

SENECA ST.

SUMP

FD

AOC-4

WATER WASH CHEMICAL STORAGE

APPROXIMATE DRY CLEANING AREA

WASHERS

DRYERS

TROUGH DRAIN IN WASHROOM

ELEVATOR

LORD ST.

LEGEND

- FENCE
- PROPERTY LINE
- STORM DRAIN
- WIPE SAMPLE
- ORIGINAL SOIL BORINGS (APPROXIMATE)
- NEWLY INSTALLED SOIL BORING
- NEWLY INSTALLED MONITORING WELL
- FD — FLOOR DRAIN
- CB — CATCH BASIN
- MH/CB — CATCH BASIN AND MANHOLE
- UST — UNDERGROUND STORAGE TANK

SCALE IS APPROXIMATE

40 20 0 40

Scale in Feet

REVISIONS	NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY: | DRAWN BY: | CHECKED BY: | APPROVED BY:

ENSR | AECOM

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GROUNDWATER COC CONCENTRATIONS EXCEEDING WATER QUALITY STANDARDS

AMERIPRIDE SERVICES Inc.
BUFFALO, NEW YORK

PROJECT NUMBER: 10770-001
DATE: 1/18/07
SCALE: AS NOTED

FIGURE NUMBER: **6**

SHEET NUMBER: 1 OF 1

J:\LANSTAND\120\Projects\10770001 AmeriPride-Buffalo\DRAWINGS\SUPP. INVEST\FIG.6.dwg

Tables

Table 1

Supplemental Investigation
Soil Boring Rationale Sample Depths and Analyses Requested
AmeriPride Buffalo, NY

Soil Boring	Rationale for Advancement of Soil Boring	Sample Intervals (feet bgs)	Analyses Requested
SB-31	Further define extent and magnitude of PAH concentrations reported in AOC-1	13-16', 16-18.5'	SVOCs
SB-32	Further define extent and magnitude of PAH concentrations reported in AOC-1	12.5-13', 17'	SVOCs
SB-33	Further define extent and magnitude of PAH concentrations reported in AOC-1	13-14', 16-17'	SVOCs
SB-34	Allow for evaluation of background soil quality.	17-17.5'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-35	Allow for evaluation of background soil quality.	15-16'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-36	Allow for evaluation of background soil quality.	13-14'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-38	Further define the extent of impacts identified in the vicinity AOC-3 and aid in defining the extent of impacts identified in AOC-4.	18-19'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-39	Further define the extent of impacts identified in the vicinity AOC-3	13-14', 18.5-19'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-40	Further evaluate the extent of impacts identified in a soil sample collected from AOC-2	12-14', 14-16'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-41	Further evaluate the extent of impacts identified in a soil sample collected from AOC-2	5-7', 17-18'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-42	Further evaluate the extent of impacts identified in a soil sample collected from AOC-2 and aid in defining the extent of impacts identified in AOC-4.	16-16.5', 19-20'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-43	Further evaluate the extent of impacts identified in a soil sample collected from AOC-2	7.5-8', 8-8.5'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-44	Further define the extent of impacts identified in the vicinity AOC-3 and aid in defining the extent of impacts identified in AOC-4.	11-12'-17-17.5'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-45	Further delineation of the extent of impacts identified in AOC-4.	12.5-14', 18-20'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-46	Further delineation of the extent of impacts identified in AOC-4.	2-3', 16-17'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-47	Further delineation of the extent of impacts identified in AOC-4.	16-17', 19-20'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-48	Further delineation of the extent of impacts identified in AOC-4.	1.5-2', 14-15'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-49	Further delineation of the extent of impacts identified in AOC-4.	12.5-13', 16-17'	TCL VOCs, TCL SVOCs, RCRA Metals
SB-50	Further delineation of the extent of impacts identified in AOC-4.	12-16', 17-19'	TCL VOCs, TCL SVOCs, RCRA Metals

Notes:
TCL VOCs - Target Compound List Volatile Organic Compounds
TCL SVOCs - Target Compound List Semivolatile Organic Compounds
PAHs - Polycyclic Aromatic Hydrocarbons
bgs - below ground surface

TABLE 2
Supplemental Investigation
Analytical Results - Soil VOCs
AmeriPride Buffalo, NY

Compound	CAS	SCO		SB-34 17-17.5 12/1/2005	SB-35 15-16 11/30/2005	SB-36 13-14 12/1/2005	SB-38 18-19 12/1/2005	SB-39 13-14 12/7/2005	SB-39 18.5-19 12/7/2005
		Protection of Human Health	Protection of Groundwater						
1,1-Dichloroethene	75-35-4	500	0.33	< 0.006	< 0.006	< 0.006	< 0.005	< 0.006	< 0.006
2-Butanone	78-93-3	500	0.12	< 0.029	< 0.028	< 0.029	< 0.027	< 0.031	< 0.032
Acetone	67-64-1	500	0.05	< 0.029	< 0.028	< 0.029	< 0.027	< 0.031	< 0.032
Carbon Disulfide	75-15-0	NS	NS	< 0.006	< 0.006	< 0.006	< 0.005	**0.002 J**	< 0.006
cis-1,2-Dichloroethene	156-59-2	500	0.25	< 0.006	< 0.006	< 0.006	< 0.005	< 0.006	< 0.006
Dichlorodifluoromethane	75-71-8	NS	NS	< 0.006	< 0.006	< 0.006	< 0.005	< 0.006	< 0.006
Ethylbenzene	100-41-4	390	1.0	**0.002 J**	< 0.006	< 0.006	< 0.005	< 0.006	< 0.006
Isopropylbenzene	98-82-8	NS	NS	< 0.006	< 0.006	< 0.006	< 0.005	< 0.006	< 0.006
Methylcyclohexane	108-87-2	NS	NS	< 0.006	< 0.006	< 0.006	< 0.005	< 0.006	< 0.006
Methylene chloride	75-09-2	500	0.05	**0.007**	**0.01**	< 0.006	< 0.005	**0.006**	**0.01**
Tetrachloroethene	127-18-4	25	1.3	< 0.006	< 0.006	< 0.006	< 0.005	**0.002 J**	**0.002 J**
Toluene	108-88-3	500	0.7	**0.002 J**	< 0.006	< 0.006	< 0.005	< 0.006	< 0.006
Total Xylenes	1330-20-7	500	1.6	**0.013 J**	< 0.017	**0.003 J**	< 0.016	< 0.019	< 0.019
trans-1,2-Dichloroethene	156-60-5	500	0.19	< 0.006	< 0.006	< 0.006	< 0.005	< 0.006	< 0.006
Trichloroethene	79-01-6	200	0.47	< 0.006	< 0.006	< 0.006	< 0.005	< 0.006	< 0.006
Vinyl chloride	75-01-4	13	0.02	< 0.012	< 0.011	< 0.012	< 0.011	< 0.012	< 0.013

Notes:

All results reported in miligrams per kilogram (ppm)

SCO: Soil Cleanup Objectives per 6 NYCRR Part 375 Environmental Remediation Program December 2006 : Restricted-Commercial Land Use

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

J Indicates an estimated value below the practical quantitation limits.

Table presents a summary of analytical detections only. Other TAL VOCs not detected.

* SB-100 is duplicate of SB-42 (19-20)

NS - No Standard Available

TABLE 2
Supplemental Investigation
Analytical Results - Soil VOCs
AmeriPride Buffalo, NY

Compound	CAS	SCO		SB-40 12-14 12/7/2005	SB-40 14-16 12/7/2005	SB-41 17-18 11/30/2005	SB-41 5-7 5-7 11/30/2005	SB-42 16-16.5 12/8/2005	SB-42 19-20 12/8/2005
		Protection of Human Health	Protection of Groundwater						
1,1-Dichloroethene	75-35-4	500	0.33	**0.003 J**	**0.002 J**	< 0.006	< 0.006	< 0.006	< 0.007
2-Butanone	78-93-3	500	0.12	< 0.032	< 0.029	< 0.03	< 0.03	< 0.032	< 0.033
Acetone	67-64-1	500	0.05	< 0.032	**0.033**	< 0.03	< 0.03	< 0.032	< 0.033
Carbon Disulfide	75-15-0	NS	NS	< 0.006	**0.003 J**	< 0.006	< 0.006	< 0.006	< 0.007
cis-1,2-Dichloroethene	156-59-2	500	0.25	**1.5 DJ**	**0.98 D**	**0.009**	< 0.006	< 0.006	< 0.007
Dichlorodifluoromethane	75-71-8	NS	NS	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007
Ethylbenzene	100-41-4	390	1.0	**0.007**	**0.001 J**	< 0.006	< 0.006	< 0.006	< 0.007
Isopropylbenzene	98-82-8	NS	NS	< 0.006	**0.006**	< 0.006	< 0.006	< 0.006	< 0.007
Methylcyclohexane	108-87-2	NS	NS	< 0.006	**0.001 J**	< 0.006	< 0.006	< 0.006	< 0.007
Methylene chloride	75-09-2	500	0.05	**0.008**	**0.01**	**0.008**	< 0.006	**0.01**	**0.025**
Tetrachloroethene	127-18-4	25	1.3	**45 D**	**11 D**	< 0.006	< 0.006	< 0.006	< 0.007
Toluene	108-88-3	500	0.7	**0.003 J**	< 0.006	< 0.006	< 0.006	< 0.006	< 0.007
Total Xylenes	1330-20-7	500	1.6	**0.022**	**0.005 J**	< 0.018	< 0.018	< 0.019	< 0.02
trans-1,2-Dichloroethene	156-60-5	500	0.19	**0.019**	**0.008**	< 0.006	< 0.006	< 0.006	< 0.007
Trichloroethene	79-01-6	200	0.47	**3.2 DJ**	**1 D**	< 0.006	< 0.006	< 0.006	< 0.007
Vinyl chloride	75-01-4	13	0.02	**0.065**	**0.01 J**	< 0.012	< 0.012	< 0.013	< 0.013

Notes:

All results reported in miligrams per kilogram (ppm)

SCO: Soil Cleanup Objectives per 6 NYCRR Part 375 Environmental Remediation Program December 2006 : Restricted-Commercial Land Use

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

J Indicates an estimated value below the practical quantitation limits.

Table presents a summary of analytical detections only. Other TAL VOCs not detected.

* SB-100 is duplicate of SB-42 (19-20)

NS - No Standard Available

TABLE 2
Supplemental Investigation
Analytical Results - Soil VOCs
AmeriPride Buffalo, NY

Compound	CAS	SCO		SB-100* 19.5-20 12/8/2005	SB-43 7.5-8 12/7/2005	SB-43 8-8.5 12/7/2005	SB-44 11-12 12/7/2005	SB-44 17-17.5 12/7/2005	SB-45 12.5-14 12/8/2005
		Protection of Human Health	Protection of Groundwater						
1,1-Dichloroethene	75-35-4	500	0.33	< 0.006	< 0.005	< 0.006	< 0.007	< 0.006	< 0.006
2-Butanone	78-93-3	500	0.12	< 0.033	< 0.027	< 0.028	< 0.033	< 0.028	< 0.03
Acetone	67-64-1	500	0.05	< 0.033	< 0.027	< 0.028	< 0.033	< 0.028	**0.034**
Carbon Disulfide	75-15-0	NS	NS	< 0.006	< 0.005	< 0.006	< 0.007	< 0.006	< 0.006
cis-1,2-Dichloroethene	156-59-2	500	0.25	< 0.006	**0.009**	**0.048**	< 0.007	< 0.006	< 0.006
Dichlorodifluoromethane	75-71-8	NS	NS	< 0.006	< 0.005	< 0.006	< 0.007	< 0.006	< 0.006
Ethylbenzene	100-41-4	390	1.0	< 0.006	< 0.005	< 0.006	< 0.007	< 0.006	< 0.006
Isopropylbenzene	98-82-8	NS	NS	< 0.006	< 0.005	< 0.006	< 0.007	< 0.006	< 0.006
Methylcyclohexane	108-87-2	NS	NS	< 0.006	< 0.005	< 0.006	< 0.007	< 0.006	< 0.006
Methylene chloride	75-09-2	500	0.05	**0.025**	**0.006**	**0.005 J**	**0.007**	**0.005 J**	**0.017**
Tetrachloroethene	127-18-4	25	1.3	< 0.006	**0.33 D**	**0.21**	**0.001 J**	< 0.006	< 0.006
Toluene	108-88-3	500	0.7	< 0.006	< 0.005	< 0.006	< 0.007	< 0.006	< 0.006
Total Xylenes	1330-20-7	500	1.6	< 0.02	< 0.016	< 0.017	< 0.02	< 0.017	< 0.018
trans-1,2-Dichloroethene	156-60-5	500	0.19	< 0.006	< 0.005	< 0.006	< 0.007	< 0.006	< 0.006
Trichloroethene	79-01-6	200	0.47	< 0.006	**0.018**	**0.12**	< 0.007	< 0.006	< 0.006
Vinyl chloride	75-01-4	13	0.02	< 0.013	< 0.011	< 0.011	< 0.013	< 0.011	< 0.012

Notes:

All results reported in miligrams per kilogram (ppm)

SCO: Soil Cleanup Objectives per 6 NYCRR Part 375 Environmental Remediation Program December 2006 : Restricted-Commercial Land Use

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

J Indicates an estimated value below the practical quantitation limits.

Table presents a summary of analytical detections only. Other TAL VOCs not detected.

* SB-100 is duplicate of SB-42 (19-20)

NS - No Standard Available

TABLE 2
Supplemental Investigation
Analytical Results - Soil VOCs
AmeriPride Buffalo, NY

Compound	CAS	SCO		SB-45 18-20 12/8/2005	SB-46 16-17 12/2/2005	SB-46 2-3 12/2/2005	SB-47 16-17 12/2/2005	SB-47 19-20 12/2/2005	SB-48 1.5-2 12/2/2005
		Protection of Human Health	Protection of Groundwater						
1,1-Dichloroethene	75-35-4	500	0.33	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
2-Butanone	78-93-3	500	0.12	< 0.032	< 0.032	< 0.03	< 0.03	< 0.028	**0.01 J**
Acetone	67-64-1	500	0.05	< 0.032	**0.033**	< 0.03	< 0.03	< 0.028	**0.066**
Carbon Disulfide	75-15-0	NS	NS	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
cis-1,2-Dichloroethene	156-59-2	500	0.25	< 0.006	**0.011**	**2.9 DJ**	< 0.006	< 0.006	**0.002 J**
Dichlorodifluoromethane	75-71-8	NS	NS	< 0.006	**0.002 J**	**0.002 J**	**0.002 J**	< 0.006	< 0.006
Ethylbenzene	100-41-4	390	1.0	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Isopropylbenzene	98-82-8	NS	NS	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Methylcyclohexane	108-87-2	NS	NS	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Methylene chloride	75-09-2	500	0.05	0.006	**0.006**	**0.006**	**0.006**	< 0.006	**0.007**
Tetrachloroethene	127-18-4	25	1.3	< 0.006	**0.002 J**	**44 D**	< 0.006	< 0.006	< 0.006
Toluene	108-88-3	500	0.7	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Total Xylenes	1330-20-7	500	1.6	< 0.02	< 0.019	< 0.018	< 0.018	< 0.017	< 0.018
trans-1,2-Dichloroethene	156-60-5	500	0.19	< 0.006	< 0.006	**0.006**	< 0.006	< 0.006	< 0.006
Trichloroethene	79-01-6	200	0.47	< 0.006	< 0.006	**3.6 DJ**	< 0.006	< 0.006	< 0.006
Vinyl chloride	75-01-4	13	0.02	< 0.013	**0.013**	< 0.012	< 0.012	< 0.011	< 0.012

Notes:

All results reported in miligrams per kilogram (ppm)

SCO: Soil Cleanup Objectives per 6 NYCRR Part 375 Environmental Remediation Program December 2006 : Restricted-Commercial Land Use

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

J Indicates an estimated value below the practical quantitation limits.

Table presents a summary of analytical detections only. Other TAL VOCs not detected.

* SB-100 is duplicate of SB-42 (19-20)

NS - No Standard Available

TABLE 2
Supplemental Investigation
Analytical Results - Soil VOCs
AmeriPride Buffalo, NY

Compound	CAS	SCO		SB-48 14-15 12/2/2005	SB-49 12.5-13 12/2/2005	SB-49 16-17 12/2/2005	SB-50 12-16 12/1/2005	SB-50 17-19 12/1/2005
		Protection of Human Health	Protection of Groundwater					
1,1-Dichloroethene	75-35-4	500	0.33	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
2-Butanone	78-93-3	500	0.12	< 0.031	< 0.032	< 0.032	< 0.03	< 0.028
Acetone	67-64-1	500	0.05	< 0.031	< 0.032	< 0.032	< 0.03	< 0.028
Carbon Disulfide	75-15-0	NS	NS	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
cis-1,2-Dichloroethene	156-59-2	500	0.25	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Dichlorodifluoromethane	75-71-8	NS	NS	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Ethylbenzene	100-41-4	390	1.0	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Isopropylbenzene	98-82-8	NS	NS	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Methylcyclohexane	108-87-2	NS	NS	< 0.006	< 0.006	< 0.006	< 0.006	**0.001 J**
Methylene chloride	75-09-2	500	0.05	**0.006**	< 0.006	< 0.006	**0.007**	**0.008**
Tetrachloroethene	127-18-4	25	1.3	< 0.006	**0.002 J**	< 0.006	< 0.006	< 0.006
Toluene	108-88-3	500	0.7	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Total Xylenes	1330-20-7	500	1.6	< 0.018	< 0.019	< 0.019	**0.004 J**	< 0.017
trans-1,2-Dichloroethene	156-60-5	500	0.19	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Trichloroethene	79-01-6	200	0.47	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Vinyl chloride	75-01-4	13	0.02	< 0.012	< 0.013	< 0.013	< 0.012	< 0.011

Notes:

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* SB-100 is duplicate of SB-42 (19-20)

NS - No Standard Available

TABLE 3
Supplemental Investigation
Analytical Results - Soil SVOCs
AmeriPride Buffalo, NY

Analyte	CAS	Protection of Human Health	Protection of Groundwater	SB-31 13-16 12/1/2005	SB-31 16-18.5 12/1/2005	SB-32 12.5-13.0 12/1/2005	SB-32 17 12/1/2005	SB-33 13-14 12/1/2005	SB-33 16-17 12/1/2005
2-Methylnaphthalene	91-57-6	NS	NS	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Acenaphthene	83-32-9	500	9.8	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Acenaphthylene	208-96-8	500	107	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Anthracene	120-12-7	500	1000	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Benzo(a)anthracene	56-55-3	5.6	0.52	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Benzo(a)pyrene	50-32-8	1	22	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Benzo(b)fluoranthene	205-99-2	6	1.7	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Benzo(ghi)perylene	191-24-2	500	1000	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Benzo(k)fluoranthene	207-08-9	56	1.7	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	**0.12 BJ**	**0.035 BJ**	**0.044 BJ**	< 0.35	**0.029 BJ**	< 0.36
Butyl benzyl phthalate	85-68-7	NS	NS	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Chrysene	218-01-9	56	0.59	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Dibenzo(a,h)anthracene	53-70-3	0.56	1000	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Dibenzofuran	132-64-9	NS	NS	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Di-n-butyl phthalate	84-74-2	NS	NS	**0.045 BJ**	**0.031 BJ**	**0.03 BJ**	< 0.35	**0.025 BJ**	< 0.36
Di-n-octyl phthalate	117-84-0	NS	NS	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Fluoranthene	206-44-0	500	1000	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Fluorene	86-73-7	500	386	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	8.2	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Naphthalene	91-20-3	500	12	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Phenanthrene	85-01-8	500	1000	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36
Pyrene	129-00-0	500	1000	< 0.37	< 0.34	< 0.38	< 0.35	< 0.39	< 0.36

Notes:

All results reported in miligrams per kilogram (ppm)

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TABLE 3
Supplemental Investigation
Analytical Results - Soil SVOCs
AmeriPride Buffalo, NY

Analyte	CAS	Protection of Human Health	Protection of Groundwater	SB-34 17-17.5 12/1/2005	SB-35 15-16 11/30/2005	SB-36 13-14 12/1/2005	SB-38 18-19 12/1/2005	SB-39 13-14 12/7/2005	SB39 18.5-19 12/7/2005
2-Methylnaphthalene	91-57-6	NS	NS	< 0.38	< 0.44	< 0.4	< 0.35	< 0.42	< 0.43
Acenaphthene	83-32-9	500	9.8	< 0.38	< 0.44	< 0.4	< 0.35	< 0.42	< 0.43
Acenaphthylene	208-96-8	500	107	< 0.38	< 0.44	< 0.4	< 0.35	< 0.42	< 0.43
Anthracene	120-12-7	500	1000	< 0.38	< 0.44	< 0.4	< 0.35	< 0.42	< 0.43
Benzo(a)anthracene	56-55-3	5.6	0.52	< 0.38	< 0.44	< 0.4	**0.033 J**	< 0.42	< 0.43
Benzo(a)pyrene	50-32-8	1	22	< 0.38	< 0.44	< 0.4	**0.023 J**	< 0.42	< 0.43
Benzo(b)fluoranthene	205-99-2	6	1.7	< 0.38	< 0.44	< 0.4	**0.028 J**	< 0.42	< 0.43
Benzo(ghi)perylene	191-24-2	500	1000	< 0.38	< 0.44	< 0.4	**0.023 J**	< 0.42	< 0.43
Benzo(k)fluoranthene	207-08-9	56	1.7	< 0.38	< 0.44	< 0.4	< 0.35	< 0.42	< 0.43
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	**0.029 BJ**	**0.062 BJ**	< 0.4	< 0.35	**0.36 BJ**	**0.42 BJ**
Butyl benzyl phthalate	85-68-7	NS	NS	< 0.38	< 0.44	< 0.4	< 0.35	< 0.42	< 0.43
Chrysene	218-01-9	56	0.59	< 0.38	< 0.44	< 0.4	**0.028 J**	< 0.42	< 0.43
Dibenzo(a,h)anthracene	53-70-3	0.56	1000	< 0.38	< 0.44	< 0.4	< 0.35	< 0.42	< 0.43
Dibenzofuran	132-64-9	NS	NS	< 0.38	< 0.44	< 0.4	< 0.35	< 0.42	< 0.43
Di-n-butyl phthalate	84-74-2	NS	NS	< 0.38	< 0.44	< 0.4	< 0.35	< 0.42	< 0.43
Di-n-octyl phthalate	117-84-0	NS	NS	< 0.38	< 0.44	< 0.4	< 0.35	< 0.42	< 0.43
Fluoranthene	206-44-0	500	1000	< 0.38	< 0.44	< 0.4	**0.063 J**	< 0.42	< 0.43
Fluorene	86-73-7	500	386	< 0.38	< 0.44	< 0.4	< 0.35	< 0.42	< 0.43
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	8.2	< 0.38	< 0.44	< 0.4	< 0.35	< 0.42	< 0.43
Naphthalene	91-20-3	500	12	< 0.38	< 0.44	< 0.4	< 0.35	< 0.42	< 0.43
Phenanthrene	85-01-8	500	1000	< 0.38	< 0.44	< 0.4	**0.055 J**	< 0.42	< 0.43
Pyrene	129-00-0	500	1000	< 0.38	< 0.44	< 0.4	**0.056 J**	< 0.42	< 0.43

Notes:

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TABLE 3
Supplemental Investigation
Analytical Results - Soil SVOCs
AmeriPride Buffalo, NY

Analyte	CAS	Protection of Human Health	Protection of Groundwater	SB-40 12.0-14.0 12/7/2005	SB-40 14-16 12/7/2005	SB-41 17-18 11/30/2005	SB-41 5.0-7.0 11/30/2005	SB-42 16-16.5 12/8/2005	SB-42 19-20 12/8/2005
2-Methylnaphthalene	91-57-6	NS	NS	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Acenaphthene	83-32-9	500	9.8	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Acenaphthylene	208-96-8	500	107	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Anthracene	120-12-7	500	1000	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Benzo(a)anthracene	56-55-3	5.6	0.52	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Benzo(a)pyrene	50-32-8	1	22	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Benzo(b)fluoranthene	205-99-2	6	1.7	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Benzo(ghi)perylene	191-24-2	500	1000	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Benzo(k)fluoranthene	207-08-9	56	1.7	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	< 0.42	**0.11 BJ**	**0.11 BJ**	**0.066 BJ**	**0.031 BJ**	**0.18 J**
Butyl benzyl phthalate	85-68-7	NS	NS	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Chrysene	218-01-9	56	0.59	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Dibenzo(a,h)anthracene	53-70-3	0.56	1000	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Dibenzofuran	132-64-9	NS	NS	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Di-n-butyl phthalate	84-74-2	NS	NS	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Di-n-octyl phthalate	117-84-0	NS	NS	**0.37 J**	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Fluoranthene	206-44-0	500	1000	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Fluorene	86-73-7	500	386	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	8.2	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Naphthalene	91-20-3	500	12	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Phenanthrene	85-01-8	500	1000	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43
Pyrene	129-00-0	500	1000	< 0.42	< 0.39	< 0.37	< 0.43	< 0.42	< 0.43

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TABLE 3
Supplemental Investigation
Analytical Results - Soil SVOCs
AmeriPride Buffalo, NY

Analyte	CAS	Protection of Human Health	Protection of Groundwater	SB-43 7.5-8 12/7/2005	SB-43 8-8.5 12/7/2005	SB-44 11.0-12.0 12/7/2005	SB-44 17-17.5 12/7/2005	SB-45 12.5-14 12/8/2005	SB-45 18-20 12/8/2005
2-Methylnaphthalene	91-57-6	NS	NS	< 0.35	< 0.4	< 0.43	< 0.37	< 0.39	< 0.44
Acenaphthene	83-32-9	500	9.8	< 0.35	< 0.4	< 0.43	< 0.37	< 0.39	< 0.44
Acenaphthylene	208-96-8	500	107	< 0.35	< 0.4	< 0.43	< 0.37	< 0.39	< 0.44
Anthracene	120-12-7	500	1000	< 0.35	< 0.4	< 0.43	< 0.37	< 0.39	< 0.44
Benzo(a)anthracene	56-55-3	5.6	0.52	**0.049 J**	**0.022 J**	< 0.43	< 0.37	< 0.39	< 0.44
Benzo(a)pyrene	50-32-8	1	22	**0.042 J**	**0.022 J**	< 0.43	< 0.37	< 0.39	< 0.44
Benzo(b)fluoranthene	205-99-2	6	1.7	**0.055 J**	**0.026 J**	< 0.43	< 0.37	< 0.39	< 0.44
Benzo(ghi)perylene	191-24-2	500	1000	**0.031 J**	**0.026 J**	< 0.43	< 0.37	< 0.39	< 0.44
Benzo(k)fluoranthene	207-08-9	56	1.7	**0.021 J**	< 0.4	< 0.43	< 0.37	< 0.39	< 0.44
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	**0.13 BJ**	**0.18 BJ**	**0.16 BJ**	**0.14 BJ**	**0.059 J**	**0.083 J**
Butyl benzyl phthalate	85-68-7	NS	NS	**0.021 J**	< 0.4	< 0.43	< 0.37	< 0.39	< 0.44
Chrysene	218-01-9	56	0.59	**0.046 J**	**0.026 J**	< 0.43	< 0.37	< 0.39	< 0.44
Dibenzo(a,h)anthracene	53-70-3	0.56	1000	< 0.35	< 0.4	< 0.43	< 0.37	< 0.39	< 0.44
Dibenzofuran	132-64-9	NS	NS	< 0.35	< 0.4	< 0.43	< 0.37	< 0.39	< 0.44
Di-n-butyl phthalate	84-74-2	NS	NS	< 0.35	< 0.4	< 0.43	< 0.37	< 0.39	< 0.44
Di-n-octyl phthalate	117-84-0	NS	NS	< 0.35	< 0.4	< 0.43	< 0.37	< 0.39	< 0.44
Fluoranthene	206-44-0	500	1000	**0.077 J**	**0.049 J**	< 0.43	< 0.37	< 0.39	< 0.44
Fluorene	86-73-7	500	386	< 0.35	< 0.4	< 0.43	< 0.37	< 0.39	< 0.44
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	8.2	**0.032 J**	**0.02 J**	< 0.43	< 0.37	< 0.39	< 0.44
Naphthalene	91-20-3	500	12	< 0.35	< 0.4	< 0.43	< 0.37	< 0.39	< 0.44
Phenanthrene	85-01-8	500	1000	< 0.35	**0.032 J**	< 0.43	< 0.37	< 0.39	< 0.44
Pyrene	129-00-0	500	1000	**0.065 J**	**0.048 J**	< 0.43	< 0.37	< 0.39	< 0.44

Notes:

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TABLE 3
Supplemental Investigation
Analytical Results - Soil SVOCs
AmeriPride Buffalo, NY

Analyte	CAS	Protection of Human Health	Protection of Groundwater	SB-46 16-17 12/2/2005	SB-46 2.0-3.0 12/2/2005	SB-47 16-17 12/2/2005	SB-47 19-20 12/2/2005	SB-48 1.5-2 12/2/2005	SB-48 14-15 12/2/2005
2-Methylnaphthalene	91-57-6	NS	NS	< 0.44	**5.1 J**	< 0.43	< 0.36	**0.24 J**	< 0.41
Acenaphthene	83-32-9	500	9.8	< 0.44	**13**	< 0.43	< 0.36	**0.44 J**	< 0.41
Acenaphthylene	208-96-8	500	107	< 0.44	**2.7 J**	< 0.43	< 0.36	< 2	< 0.41
Anthracene	120-12-7	500	1000	< 0.44	**28**	< 0.43	< 0.36	**0.73 J**	< 0.41
Benzo(a)anthracene	56-55-3	5.6	0.52	< 0.44	**33**	< 0.43	< 0.36	**0.96 J**	< 0.41
Benzo(a)pyrene	50-32-8	1	22	< 0.44	**29**	< 0.43	< 0.36	**0.63 J**	< 0.41
Benzo(b)fluoranthene	205-99-2	6	1.7	< 0.44	**42**	< 0.43	< 0.36	**0.76 J**	< 0.41
Benzo(ghi)perylene	191-24-2	500	1000	< 0.44	**18**	< 0.43	< 0.36	**0.39 J**	< 0.41
Benzo(k)fluoranthene	207-08-9	56	1.7	< 0.44	**45**	< 0.43	< 0.36	**0.28 J**	< 0.41
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	< 0.44	< 8.2	**0.04 BJ**	**0.025 BJ**	< 2	**0.052 BJ**
Butyl benzyl phthalate	85-68-7	NS	NS	< 0.44	< 8.2	< 0.43	< 0.36	< 2	< 0.41
Chrysene	218-01-9	56	0.59	< 0.44	**28**	< 0.43	< 0.36	**0.69 J**	< 0.41
Dibenzo(a,h)anthracene	53-70-3	0.56	1000	< 0.44	**5.2 J**	< 0.43	< 0.36	< 2	< 0.41
Dibenzofuran	132-64-9	NS	NS	< 0.44	**13**	< 0.43	< 0.36	**0.29 J**	< 0.41
Di-n-butyl phthalate	84-74-2	NS	NS	< 0.44	< 8.2	< 0.43	< 0.36	< 2	< 0.41
Di-n-octyl phthalate	117-84-0	NS	NS	< 0.44	< 8.2	< 0.43	< 0.36	< 2	< 0.41
Fluoranthene	206-44-0	500	1000	< 0.44	**94**	< 0.43	< 0.36	**2.7**	< 0.41
Fluorene	86-73-7	500	386	< 0.44	**19**	< 0.43	< 0.36	**0.63 J**	< 0.41
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	8.2	< 0.44	**14**	< 0.43	< 0.36	**0.31 J**	< 0.41
Naphthalene	91-20-3	500	12	< 0.44	**10**	< 0.43	< 0.36	**0.29 J**	< 0.41
Phenanthrene	85-01-8	500	1000	< 0.44	**110**	< 0.43	< 0.36	**3.9**	< 0.41
Pyrene	129-00-0	500	1000	< 0.44	**66**	< 0.43	< 0.36	**2.1**	< 0.41

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TABLE 3
Supplemental Investigation
Analytical Results - Soil SVOCs
AmeriPride Buffalo, NY

Analyte	CAS	Protection of Human Health	Protection of Groundwater	SB-49 12.5-13 12/2/2005	SB-49 16-17 12/2/2005	SB-50 12.0-16-0 12/1/2005	SB-50 17-19 12/1/2004
2-Methylnaphthalene	91-57-6	NS	NS	< 0.43	< 0.42	< 0.42	< 0.38
Acenaphthene	83-32-9	500	9.8	< 0.43	< 0.42	**0.028 J**	**0.022 J**
Acenaphthylene	208-96-8	500	107	< 0.43	< 0.42	< 0.42	< 0.38
Anthracene	120-12-7	500	1000	< 0.43	< 0.42	**0.053 J**	**0.042 J**
Benzo(a)anthracene	56-55-3	5.6	0.52	< 0.43	< 0.42	**0.12 J**	**0.12 J**
Benzo(a)pyrene	50-32-8	1	22	< 0.43	< 0.42	**0.098 J**	**0.09 J**
Benzo(b)fluoranthene	205-99-2	6	1.7	< 0.43	< 0.42	**0.11 J**	**0.11 J**
Benzo(ghi)perylene	191-24-2	500	1000	< 0.43	< 0.42	**0.073 J**	**0.064 J**
Benzo(k)fluoranthene	207-08-9	56	1.7	< 0.43	< 0.42	**0.051 J**	**0.05 J**
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	< 0.43	**0.2 BJ**	**0.37 BJ**	< 0.38
Butyl benzyl phthalate	85-68-7	NS	NS	< 0.43	< 0.42	**0.052 J**	< 0.38
Chrysene	218-01-9	56	0.59	< 0.43	< 0.42	**0.11 J**	**0.094 J**
Dibenzo(a,h)anthracene	53-70-3	0.56	1000	< 0.43	< 0.42	**0.022 J**	< 0.38
Dibenzofuran	132-64-9	NS	NS	< 0.43	< 0.42	< 0.42	< 0.38
Di-n-butyl phthalate	84-74-2	NS	NS	< 0.43	< 0.42	**0.14 BJ**	**0.029 BJ**
Di-n-octyl phthalate	117-84-0	NS	NS	< 0.43	< 0.42	< 0.42	< 0.38
Fluoranthene	206-44-0	500	1000	< 0.43	< 0.42	**0.29 J**	**0.24 J**
Fluorene	86-73-7	500	386	< 0.43	< 0.42	< 0.42	< 0.38
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	8.2	< 0.43	< 0.42	**0.052 J**	**0.052 J**
Naphthalene	91-20-3	500	12	< 0.43	< 0.42	< 0.42	< 0.38
Phenanthrene	85-01-8	500	1000	< 0.43	< 0.42	**0.25 J**	**0.2 J**
Pyrene	129-00-0	500	1000	**0.023 J**	< 0.42	**0.26 J**	**0.21 J**

Notes:

All results reported in miligrams per kilogram (ppm)

SCO: Soil Cleanup Objectives per 6 NYCRR Part 375 Environmental Remediation Program December 2006 : Restricted-Commercial Land Use

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

J Indicates an estimated value below practical quantitation limits.

NS - No Standard Available

TABLE 4
Supplemental Investigation
Analytical Results - Soil Metals
AmeriPride Buffalo, NY

Analyte	SCO		SB-34 17-17.5 12/1/2005	SB-35 15-16 11/30/2005	SB-36 13-14 12/1/2005	SB-38 18-19 12/1/2005	SB-39 13-14 12/7/2005	SB-39 18.5-19 12/7/2005
	Protection of Public Health	Protection of Groundwater						
Arsenic - Total	16	16	< 2.5	< 2.2	**2.8**	< 1.8	**3.2**	< 2.3
Barium - Total	400	820	**41.7 E**	**51 E**	**75.9 E**	**30 E**	**113**	**69.2**
Cadmium - Total	9.3	7.5	< 0.25	< 0.22	< 0.22	< 0.18	< 0.27	< 0.23
Chromium - Total	1500	NS	**8.2**	**8.6**	**12.4**	**5**	**20.5**	**14.5**
Lead - Total	1000	450	**5.3**	**8.5**	**8.3**	**6.3**	**15.3**	**8.9**
Mercury - Total	2.8	0.73	< 0.018	< 0.022	< 0.019	< 0.018	**0.047**	< 0.022

Notes:

All results reported in miligrams per kilogram (ppm)

SCO: Soil Cleanup Objectives per 6 NYCRR Part 375 Environmental Remediation Program December 2006 : Restricted-Commercial Land Use

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

J Indicates an estimated value below the practical quantitation limits.

Table presents a summary of analytical detections only. Other RCRA metals not detected.

* SB-100 is duplicate of SB-42 (19-20)

NS - Not specified

TABLE 4
Supplemental Investigation
Analytical Results - Soil Metals
AmeriPride Buffalo, NY

Analyte	SCO		SB-40 12-14 12/7/2005	SB-40 14-16 12/7/2005	SB-41 17-18 11/30/2005	SB-41 5-7 5-7 11/30/2005	SB-42 16-16.5 12/8/2005	SB-42 19-20 12/8/2005
	Protection of Public Health	Protection of Groundwater						
Arsenic - Total	16	16	**7.3**	**2.7**	**2.5**	**4.2**	**3.8**	**4.8**
Barium - Total	400	820	**93.1**	**46.5**	**52 E**	**117 E**	**94.8 E**	**83.1 E**
Cadmium - Total	9.3	7.5	< 0.25	< 0.24	**0.27**	**0.55**	< 0.25	< 0.26
Chromium - Total	1500	NS	**21.1**	**7.5**	**8.7**	**20**	**21.7**	**18.1**
Lead - Total	1000	450	**14.3**	**6.4**	**14**	**19.6**	**12 N***	**10.9 N***
Mercury - Total	2.8	0.73	< 0.02	< 0.02	< 0.021	**0.022**	< 0.02	< 0.022

Notes:

All results reported in miligrams per kilogram (ppm)

SCO: Soil Cleanup Objectives per 6 NYCRR Part 375 Environmental Remediation Program December 2006 : Restricted-Commercial Land Use

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

J Indicates an estimated value below the practical quantitation limits.

Table presents a summary of analytical detections only. Other RCRA metals not detected.

* SB-100 is duplicate of SB-42 (19-20)

NS - Not specified

TABLE 4
Supplemental Investigation
Analytical Results - Soil Metals
AmeriPride Buffalo, NY

Analyte	SCO		SB-100* 19.5-20 12/8/2005	SB-43 7.5-8 12/7/2005	SB-43 8-8.5 12/7/2005	SB-44 11-12 12/7/2005	SB-44 17-17.5 12/7/2005	SB-45 12.5-14 12/8/2005
	Protection of Public Health	Protection of Groundwater						
Arsenic - Total	16	16	**3.9**	**5.4**	**4.8**	**3**	< 2.3	**7.1**
Barium - Total	400	820	**80.5 E**	**24.1**	**22.2**	**116**	**60.1**	**101 E**
Cadmium - Total	9.3	7.5	< 0.25	< 0.21	< 0.23	< 0.24	< 0.23	< 0.22
Chromium - Total	1500	NS	**15.3**	**7.4**	**6.5**	**21**	**6.8**	**15.4**
Lead - Total	1000	450	**8.9 N***	**9.9**	**7.2**	**14**	**6.3**	**13.5 N***
Mercury - Total	2.8	0.73	< 0.023	< 0.017	< 0.02	< 0.022	< 0.019	< 0.021

Notes:

All results reported in miligrams per kilogram (ppm)

SCO: Soil Cleanup Objectives per 6 NYCRR Part 375 Environmental Remediation Program December 2006 : Restricted-Commercial Land Use

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

J Indicates an estimated value below the practical quantitation limits.

Table presents a summary of analytical detections only. Other RCRA metals not detected.

* SB-100 is duplicate of SB-42 (19-20)

NS - Not specified

TABLE 4
Supplemental Investigation
Analytical Results - Soil Metals
AmeriPride Buffalo, NY

Analyte	SCO		SB-45 18-20 12/8/2005	SB-46 16-17 12/2/2005	SB-46 2-3 12/2/2005	SB-47 16-17 12/2/2005	SB-47 19-20 12/2/2005	SB-48 1.5-2 12/2/2005
	Protection of Public Health	Protection of Groundwater						
Arsenic - Total	16	16	**3.7**	**11**	**9.3**	**4.1**	< 2.3	**5.6**
Barium - Total	400	820	**124 E**	**153 E**	**397 E**	**126 E**	**75.7 E**	**112 E**
Cadmium - Total	9.3	7.5	< 0.28	**0.75**	**0.61**	**0.6**	**0.27**	**0.65**
Chromium - Total	1500	NS	**17.3**	**22.3**	**19.6**	**16.6**	**6.4**	**17.1**
Lead - Total	1000	450	**13.9 N***	**13.5**	**381**	**14.9**	**5**	**15.1**
Mercury - Total	2.8	0.73	< 0.021	< 0.024	**0.164**	< 0.02	< 0.018	**0.23**

Notes:

All results reported in miligrams per kilogram (ppm)

SCO: Soil Cleanup Objectives per 6 NYCRR Part 375 Environmental Remediation Program December 2006 : Restricted-Commercial Land Use

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

J Indicates an estimated value below the practical quantitation limits.

Table presents a summary of analytical detections only. Other RCRA metals not detected.

* SB-100 is duplicate of SB-42 (19-20)

NS - Not specified

TABLE 4
Supplemental Investigation
Analytical Results - Soil Metals
AmeriPride Buffalo, NY

Analyte	SCO		SB-48 14-15 12/2/2005	SB-49 12.5-13 12/2/2005	SB-49 16-17 12/2/2005	SB-50 12-16 12/1/2005	SB-50 17-19 12/1/2005
	Protection of Public Health	Protection of Groundwater					
Arsenic - Total	16	16	**4.9**	**3.3**	**3.3**	**5.1**	< 2.3
Barium - Total	400	820	**85.9 E**	**101 E**	**106 E**	**83.1 E**	**61.4 E**
Cadmium - Total	9.3	7.5	**0.48**	**0.59**	**0.5**	**0.64**	< 0.23
Chromium - Total	1500	NS	**17.9**	**18.5**	**16.3**	**17.3**	**8.3**
Lead - Total	1000	450	**13.1**	**14.5**	**11.5**	**17.3**	**11**
Mercury - Total	2.8	0.73	< 0.022	< 0.021	< 0.021	**0.026**	**0.021**

Notes:

All results reported in miligrams per kilogram (ppm)

SCO: Soil Cleanup Objectives per 6 NYCRR Part 375 Environmental Remediation Program December 2006 : Restricted-Commercial Land Use

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

J Indicates an estimated value below the practical quantitation limits.

Table presents a summary of analytical detections only. Other RCRA metals not detected.

* SB-100 is duplicate of SB-42 (19-20)

NS - Not specified

TABLE 5
Supplemental Investigation
Analytical Results - Groundwater
AmeriPride Buffalo, NY

Analyte	CAS	Standard/ Guidance Value	MW-1 12/14/2005	MW-2 12/14/2005	MW-3 12/14/2005	MW-4 12/14/2005	MW-99 12/14/2005 Dup of MW-4	MW-5 12/14/2005	MW-6 12/14/2005	Trip Blank
Metals										
Barium		1,000	**52.2**	**85.1**	**51**	**106**	**109**	**216**	**104**	NA
Chromium		50	< 4	< 4	< 4	**6.5**	**6.6**	< 4	< 4	NA
Lead		25	< 5	< 5	< 5	**9.6**	**9.4**	< 5	< 5	NA
Volatile Organic Compounds										
1,2,4-Trichlorobenzene	120-82-1	5	< 5	< 5	< 5	< 5	**2.2 DJ**	< 5	< 5	< 5
Acetone	67-64-1	50	**2.9 J**	**11 J**	< 25	< 25	< 25	**10 J**	< 25	< 25
Carbon Disulfide	75-15-0	NS	**0.65 J**	**1.3 J**	< 5	< 5	< 5	**1.2 J**	< 5	< 5
cis-1,2-Dichloroethene	156-59-2	5	< 5	< 5	**94 D**	**66**	**59**	< 5	< 5	< 5
Dichlorodifluoromethane	75-71-8	5	< 5	< 5	**0.68 J**	< 5	< 5	< 5	< 5	< 5
Methyl-t-Butyl Ether (MTBE)	1634-04-4	10	**2.2 J**	< 5	**0.52 J**	**0.88 J**	**0.84 J**	< 5	< 5	< 5
Tetrachloroethene	127-18-4	5	< 5	< 5	< 5	**140 D**	**130 D**	**0.91 J**	< 5	< 5
trans-1,2-Dichloroethene	156-60-5	5	< 5	< 5	**3.6 DJ**	**0.9 J**	**0.77 J**	< 5	< 5	< 5
Trichloroethene	79-01-6	5	< 5	< 5	**0.73 J**	**87**	**85**	< 5	< 5	< 5
Vinyl chloride	75-01-4	2	< 5	< 5	**26 D**	< 5	< 5	< 5	< 5	< 5
Semivolatile Organic Compounds										
Bis(2-ethylhexyl)phthalate	117-81-7	5	< 9	**5 J**	< 10	< 10	< 9	< 9	< 10	NA
Phenanthrene	85-01-8	50	< 9	**0.5 J**	< 10	< 10	< 9	**1 J**	< 10	NA

Notes:

All results reported in micrograms per liter (ppb)

Standard/Guidance Values: New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series 1.1.1- New York State Ambient Water Quality Standards and Guidance Values.

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

J Indicates an estimated value below practical quantitation limits.

NA - Parameter not analyzed for this sample.

NS - No Standard Available

D - indicates that value is result of sample dilution

Appendix A

Phase II Technical Memorandum dated October 19, 2005

October 19, 2005

Mr. Joseph E. Peter
Environmental Manager
AmeriPride Services, Inc.
10801 Wayzata Boulevard
Minnetonka, Minnesota 55305

Re: FINAL Phase II Technical Memorandum
AmeriPride Services Inc. Buffalo, New York
ENSR Project Number 10770-001

Dear Mr. Peter;

ENSR Corporation (ENSR) is pleased to provide this technical memorandum documenting the field activities, and results of the initial Phase II Environmental Site Assessment conducted at the AmeriPride Services, Inc. (AmeriPride) facility, located at 8 Lord Street in Buffalo, New York (the Site). The field activities described in this report were conducted between August 22, 2005 and August 29, 2005. As part of the scope of work, ENSR conducted a Site visit with AmeriPride on July 28 and 29, 2005 to observe potential areas of concern and mark out proposed sampling locations.

INTRODUCTION

According to documents provided by AmeriPride, including an AmeriPride summary sheet, a Phase I Environmental Site Assessment (ESA) Report completed for the Site by CT Male Associates, dated December 8, 2004, and site photographs, the building at the Site dates to 1910 and was "apparently built as a book-binding and printing facility". American Linen Supply Co., which operated under the name Coverall Service and Supply Co., a uniform cleaning facility, reportedly occupied the Site in 1978. The company name changed to AmeriPride Services Inc. in 1997.

AmeriPride has indicated that between 1978 and 1985, the facility used tetrachloroethylene (PCE) for dry cleaning operations. Between 1985 and April 2004, the plant was used as a water-wash only laundry. Between April 2004 and Spring 2005, the site was used as a laundry depot. A fleet maintenance shop was active at the building until it was relocated to new premises at the end of July 2005. The Site is currently vacant.

AmeriPride's purpose for the assessment is to complete a comprehensive environmental assessment of the Buffalo, New York facility. The intent of this assessment is to identify

environmental contamination on the site that could adversely impact the property value and/or limit the existing or potential site use.

In order to meet AmeriPride's expectation that this assessment is comprehensive, ENSR proposed a phased approach to this investigation, with the initial phase (the subject of this Technical Memorandum) designed to identify/confirm whether environmental impacts are present at the Site. ENSR would recommend subsequent additional phase II work, if warranted, that would focus on groundwater investigation and further delineation of areas of soil impact identified during the initial phase. The intent of the phase II investigative program will be to sufficiently characterize the nature and extent of site impacts to determine the scope and costs for potential remediation activities.

A review of the CT Male Phase I ESA report and documents provided by AmeriPride suggested that potential recognized environmental conditions (RECs) at the site included: several underground storage tanks or suspected tank locations; sumps, drains and trough-type floor drains; and concrete cistern-like disposal features in the basement, identified as Pit-1 and Pit-2. Reportedly, floor drains and sumps on the main floor of the facility empty into the trough-type floor drain in the washroom, which discharges to Pit-1. Due to the historic use of PCE at the site these drainage features represent a REC.

INVESTIGATION ACTIVITES

Between August 22 and August 29, 2005, an ENSR Geologist supervised the advancement of 28 soil borings and collected solid surface wipe samples for PCBs at the sampling locations presented on Figures 1 and 2. The rationale for sample collection at a given sample location is presented in Table 1. Soil borings were advanced to depths ranging from 6 feet (ft) to 20 ft below ground surface (bgs). At locations that were accessible to vehicles, soil borings were advanced using 2-inch diameter by 5-foot long MacroCore samplers, driven by a track-mounted direct-push rig (i.e., Geoprobe). In the basement of the building (Figure 2) soil borings were advanced using 1-inch diameter by 2-foot long samplers, driven with hammer-drill type equipment. Soils were continuously logged in the field, and screened with a photoionization detector (PID) for the presence of volatile organic compounds. Soil classifications, PID responses and additional subsurface information were recorded on soil boring logs, which are presented as Attachment A.

Soil samples were collected from each soil boring location, based on field observations and/or PID responses, and submitted to Severn Trent Laboratories of Buffalo, New York for laboratory analysis. The laboratory program for the project included analysis for Target Compound List (TCL) volatile organic compounds (VOCs), Polycyclic Aromatic Hydrocarbons (PAHs), 8 Resource Conservation and Recovery Act (RCRA) metals (arsenic, barium, cadmium, chromium, lead, selenium, silver and mercury), and polychlorinated biphenyls (PCBs). The

depth interval for the sample collected from each soil boring, and the specific analyses requested for each sample are presented on Table 1.

In addition to subsurface soil investigation activities, wipe sampling for PCBs was also conducted at the four locations depicted on Figure 1 and Figure 2. The locations represent transformer pads (2), the floor adjacent to a bank of PCB capacitors, and an area in the basement where a pool of oil was observed adjacent to an elevator shaft. Wipe sampling consisted of wiping a 100 cm^2 area, defined with a disposable template, with a hexane saturated gauze pad and submitting the gauze for PCB analysis.

ANALYTICAL RESULTS

The analytical results for the soil samples collected during the subsurface investigation are summarized on Table 2 (VOCs), Table 3 (PAHs) and Table 4 (Metals) and Table 5 (PCBs). In order to evaluate soil quality with respect to the concentrations reported, the analytical results have been compared to Recommended Soil Cleanup Objectives (RSCO) presented in the New York State Department of Environmental Conservation's (NYSDEC's) Technical & Administrative Guidance Memorandum # 4046 (TAGM 4046). See the Discussion section below for additional information regarding these cleanup objectives.

Volatile Organic Compounds

VOCs were reported in all but 3 of the samples submitted for analysis (see Table 2). Most of the compounds detected were reported at concentrations below the practical quantitation limits (PQLs), which did not exceed their respective RSCOs. However, concentrations of tetrachloroethene (PCE) and trichloroethene (TCE) were reported in several soil samples at concentrations that were significantly higher than their RSCOs. The areas where PCE and/or TCE exceeded their RSCOs included:

- SB-7 (west end of former 1,500 gallon waste oil tank on west side of building),
- SB-13 (east side of Site catch-basin near Seneca Street),
- SB-21 (west end of trench drain in washroom area),
- SB-24 (adjacent to a floor drain in the dryer area), and
- SB-28 (adjacent to Pit-2 in basement).

Polycyclic Aromatic Hydrocarbons

PAHs were detected in 15 of the 28 samples submitted for analysis (see Table 3). Concentrations (or J-qualified estimated concentrations) of one or more of the following PAHS were reported in 9 of these samples at concentrations exceeding RSCOs: benzo(a)anthracene,

benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)-anthracene, and indeno(1,2,3-cd)pyrene. The areas where one or more PAHS exceeded the RSCOs included:

- SB-2 (west end of former 10,000 gallon gasoline UST location),
- SB-4 (highly disturbed asphalt area west of building),
- SB-8 (east end of former 1,500 gallon waste oil UST location),
- SB-18 (sump location on main floor of building),
- SB-20 (adjacent to floor drain in reported former dry cleaning area on main floor of building),
- SB-21 (west end of trough drain in washroom area),
- SB-22 (sump on main floor of building),
- SB-23 (sump on main floor of building), and
- SB-24 (adjacent to a floor drain in the dryer area).

PAH concentrations, or estimated (J-qualified concentrations) reported in other samples were below their applicable RSCOs.

Metals

As presented on Table 4, 19 samples were submitted for RCRA metals analysis. One or more of the metals were reported in each of the samples above detection limits. This is not uncommon because some trace metals (e.g., lead and arsenic) may occur in soils at detectable background concentrations. Concentrations of one or more of the following metals were reported in 14 of these samples at concentrations exceeding RSCOs: arsenic, cadmium, chromium, and mercury. The areas where one or more of these metals exceeded their respective RSCO's included:

- SB-6 (trench drain in truck dock on west side of building),
- SB-8 (east end of former 1,500 gallon waste oil UST location),
- SB-13 (Site catch basin adjacent to Seneca Street),
- SB-18 (sump location on main floor of building),
- SB-19 (floor drain in reported former dry cleaning area),
- SB-20 (adjacent to floor drain in reported former dry cleaning area on main floor of building),
- SB-21 (west end of trough drain in washroom),
- SB-22 (sump on main floor of building),
- SB-23 (sump on main floor of building),
- SB-24 (adjacent to a floor drain in the dryer area),
- SB-25 (water wash chemical storage area),
- SB-27 (adjacent to Pit-1),

- SB-28 (adjacent to Pit-2),
- SB-29 (adjacent to sump in basement), and
- SB-30 (located on expansion joint in western portion of basement)

Chromium was detected in every sample, with RSCO exceedances in 13 of the 19 samples analyzed. The elevated concentrations may be due to elevated background levels of the metal, or may result from previous printing and bookbinding operations conducted at the Site.

The RSCO for silver is defined as "site background". Silver was detected in one sample, SB-23 (vicinity of a sump on the main floor of the building), at a concentration of 2.7 ppm. Because other samples, in which silver was not-detected, had detection limits well below this concentration, it is probable that SB-23 exceeds the site background concentration for this metal.

Total lead was reported in each of the samples submitted for lead analysis, with concentrations ranging from 3.1 ppm to 422 ppm. The RSCO for lead is defined as "site background". Background samples for lead were not collected during the program; however, the NYSDEC indicates in their RSCO tables that "background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4 to 61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200 to 500 ppm". Concentrations above 100 ppm were reported in samples collected from soil borings SB-22 (sump in main floor of building), SB-8 (east end of former 1,500 gallon waste oil UST location) and SB-25 (water wash chemical storage area). Other samples had lead concentrations that were below 100 ppm, with more than half (11 of the 19) having concentrations less than 20 ppm.

Other metals reported in samples collected during the Phase II investigation did not exceed their respective RSCOs.

Polychlorinated Biphenyls

PCBs were detected in two of the four soil samples submitted for PCB analysis (see Table 5). The samples (SB-7 and SB-8) were collected from the vicinity of the former 1,500 gallon waste oil UST on the west side of the building, however, concentrations reported were well below the RSCO of 10 ppm established for subsurface soils.

PCB wipe sampling analytical results are presented in Table 6. PCBs were detected in one of the solid surface wipe samples (Wipe-4; see Figure 2) collected from an area where an oil seep was observed on the basement floor adjacent to an elevator. The total PCB concentration at

the location was reported at 4.1 micrograms per 100 cm^2 ($ug/100cm^2$), which is below the standard of 10 $ug/100\ cm^2$ established by the Toxic Substance Control Act (TSCA).

DISCUSSION

As stated previously, the concentrations of constituents of concern (COCs) detected in soil samples were compared to TAGM RSCO standards. The current TAGM standards do not provide for the use of less stringent industrial/commercial risk scenarios that are used by some other states. Although the NYSDEC does not allow risk assessments to demonstrate reduced risk scenarios and/or less stringent cleanup standards, the state will allow technical impracticability arguments to be used to justify the use of engineered barriers and/or institutional controls.

Based on data collected during the initial phase of investigation, Site soils appear to have been impacted with chlorinated VOCs, PAHs and heavy metals. The principal environmental concerns with respect to soils at the Site appears to be related to the VOCs PCE and TCE, several PAHs and the metals, arsenic, cadmium, chromium, lead, silver and mercury.

Based on elevated VOC, PAH and/or metals concentrations reported in samples collected during phase II investigation activities, or on evidence of impact observed while in the field, the following four potential areas of concern (AOCs) have been identified:

- AOC-1 - vicinity of SB-2 (PAHs) located at the west end of the former (removed) 10,000 gallon gasoline UST,
- AOC-2 – vicinity of SB-13 (PCE, TCE, chromium) adjacent to the Site catch basin near Seneca Street,
- AOC-3 – vicinity of SB-7 and SB-8 (PCE, TCE, PAHs, mercury) adjacent to the former 1,500 gallon waste oil UST area, and
- AOC-4 – General area underlying the southwestern half of the building. Impacts identified in the soils underlying the on-slab (central) portion of the building include VOCs, PAHs and metals. VOCs and/or metals were also identified in soils underlying the western portion of the basement. Impacts identified under the building may be attributable to a single general source, such as the drainage system of troughs, floor drains, sumps and collection pits (Pit-1 and Pit-2), or may be the result of more than one source.

The areas listed above have been identified as potential AOCs. Additional sampling in and around these AOCs will be necessary to evaluate whether the constituents of concern identified during the preliminary phase II investigation are typical of the area, or if higher concentrations of the compounds/analytes may present, and to broadly define the extent of observed impacts.

RECOMMENDATIONS

In order to meet AmeriPride's objectives for the Site, ENSR recommends additional investigation to further delineate potential impacts. Four general AOCs have been identified, based on data collected during the preliminary investigation. The results of the preliminary investigation indicate that a supplemental soil and groundwater investigation is warranted. The additional investigation is necessary in order for ENSR to provide AmeriPride estimated costs associated with remediation of the site. The principal COCs identified in the various AOCs include PCE, TCE, PAHs and RCRA metals. Based on evaluation of available data, ENSR recommends the following supplemental investigation activities:

- Conduct additional soil investigation in and around the identified AOCs in order to broadly delineate the extent of identified impacts and to confirm levels of COCs identified at those AOCs;
- Collect three soil samples from locations up-gradient of the AOCs that can be used as a benchmark for "background' concentrations of metals in the Site soils; and,
- Conduct a groundwater investigation at the Site to determine whether groundwater has been impacted by the COCs identified in the soils.

Proposed Soil Investigation Activities

ENSR recommends additional soil investigation at the site to aid in broadly defining the extent of observed impacts and evaluating whether COCs identified in a given AOC are typical of the area, or whether more substantial concentrations may be present. Twenty soil borings are proposed at the locations presented on Figure 3. Up to two soil samples will be collected from each soil boring and submitted for laboratory analysis. The laboratory analytical program will include VOCs, RCRA metals and for base, neutral and acid extractible compounds (BNA) to confirm that semivolatile organic compounds other than PAHs do not exceed RSCOs. The rationale for proposed additional sampling locations is presented as follows:

- AOC-1 – Three soil borings (SB-31, SB-32 and SB-33) will be installed in the vicinity of SB-2 to further evaluate PAH concentrations reported at this location,
- AOC-2 – Four soil borings (SB-40, SB-41, SB-42 and SB-43) will be advanced to further evaluate the extent of impacts identified in a soil sample collected from SB-13,
- AOC-3 – Three soil borings (SB-38, SB-39 and SB-44) would be advanced to further define the extent of impacts identified in the vicinity of the former 1,500 gallon waste oil tank,
- AOC-4 – Proposed soil borings SB-42, SB-44, SB-38 and SB-37 will aid in defining the northern and western extent of impacts identified in the western portion of the basement and on the main floor of the building. Proposed borings SB-45, SB-46, SB-47, SB-48,

SB-49 and SB-50 would similarly aid in defining the extent of impacts to the south and east, and

- Soil borings SB-34, SB-35 and SB-36 will be advanced in the northeastern portion of the property, at some distance from known areas of concern, in order to evaluate soil quality in this area and establish baseline or "background" concentrations for the Site.

Groundwater Investigation

Because elevated concentrations of PCE, TCE, PAHs and select metals have been identified in the soils at the Site, a groundwater investigation is needed to determine whether constituents of concern have impacted groundwater. Due to the nature of the impacts observed and the fact that some impacted soil samples were collected from depths close to the inferred bedrock interface (where saturated soils were noted at several locations), there is potential for groundwater impact at the site.

Saturated soils were encountered in several of the soil borings advanced during the preliminary phase II investigation. The depth to water was variable and ranged from less than 5-ft bgs to more than 14-ft bgs. The direction of groundwater flow is uncertain, however, the Buffalo River is located approximately one mile south of the Site, and groundwater flow is anticipated to flow toward the river.

ENSR proposes a groundwater investigation involving the completion of six of the soil borings, advanced during the supplemental soil investigation, as overburden monitoring wells (see Figure 3). Bedrock monitoring wells are not proposed at this time but may be required once overburden groundwater quality has been characterized. The overburden monitoring wells will allow for the determination of groundwater flow direction, and will aid in assessing groundwater quality. Because groundwater flow direction is uncertain, ENSR proposes to install three monitoring wells (MW-1, MW-3 and MW-6) at the start of the field program, and then following development and stabilization, determine water levels and ultimately hydraulic gradient in the shallow water bearing zone. Once the hydraulic gradient has been established we will make any necessary adjustments to the proposed locations for the three additional monitoring wells. The locations and rationale for monitoring wells is presented as follows:

- Monitoring well MW-1 will be installed to aid in determining groundwater flow direction and to allow for the evaluation of groundwater quality upgradient (presumed) of the site,
- Monitoring wells MW-2, MW-3 and MW-4 are proposed to evaluate and define potential groundwater impacts in the vicinity of AOC 2, AOC-3 and west of AOC-4,
- Monitoring wells MW-5 will be installed to evaluate groundwater quality under the building where elevated PCE, TCE, PAH and metals concentrations have been identified in subsurface soils, and

- MW-6 will be installed near the southeast corner of the building, to assist in groundwater flow direction determination and for the evaluation of groundwater quality in this vicinity.

Following installation, groundwater monitoring wells would be properly developed and sampled for VOCs, BNAs, and RCRA metals to enable a comprehensive evaluation of groundwater quality.

Upon completion of the additional investigation activities, ENSR will prepare an update to this technical memorandum that will outline the need for remedial actions at the site (if necessary) and will provide order of magnitude cost estimates for such remedial actions.

ENSR proposes to perform the additional investigation on a Time & Materials basis as a change order to, and in accordance with the terms and conditions established for, this project. We estimate the budget necessary to complete the additional investigation at the Site to be $ 55,500 as outlined below.

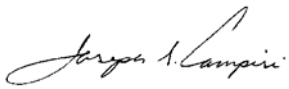
Task	Hours	Labor	ODCs	Subs	Subtotal
1. Project Management	10	1,228	74		1,302
2. Field Investigation	153	14,218	3,932	28,951	47,101
3. Technical Memorandum	69	6,692	402		7,094
Project Total (3 Tasks)	**232**	**22,138**	**4,408**	**28,951**	**55,497**

We will not exceed this budget without your written authorization.

ENSR can initiate additional investigation activities at the Site within 2 to 3 weeks of authorization to proceed, depending upon subcontractor availability. Laboratory analyses will be completed on a standard 15 business-day turnaround time. Expedited laboratory analysis may be possible, but will require payment of associated surcharges for the expedited turn around time. ENSR will provide two copies of the draft technical memorandum within 2 weeks of receipt of final laboratory results.

Thank you for the opportunity to assist AmeriPride with their environmental service needs. If you have questions or comments, please feel free to call me or Joseph Campisi at (315) 432-0506 at your convenience.

Sincerely,
ENSR Corporation

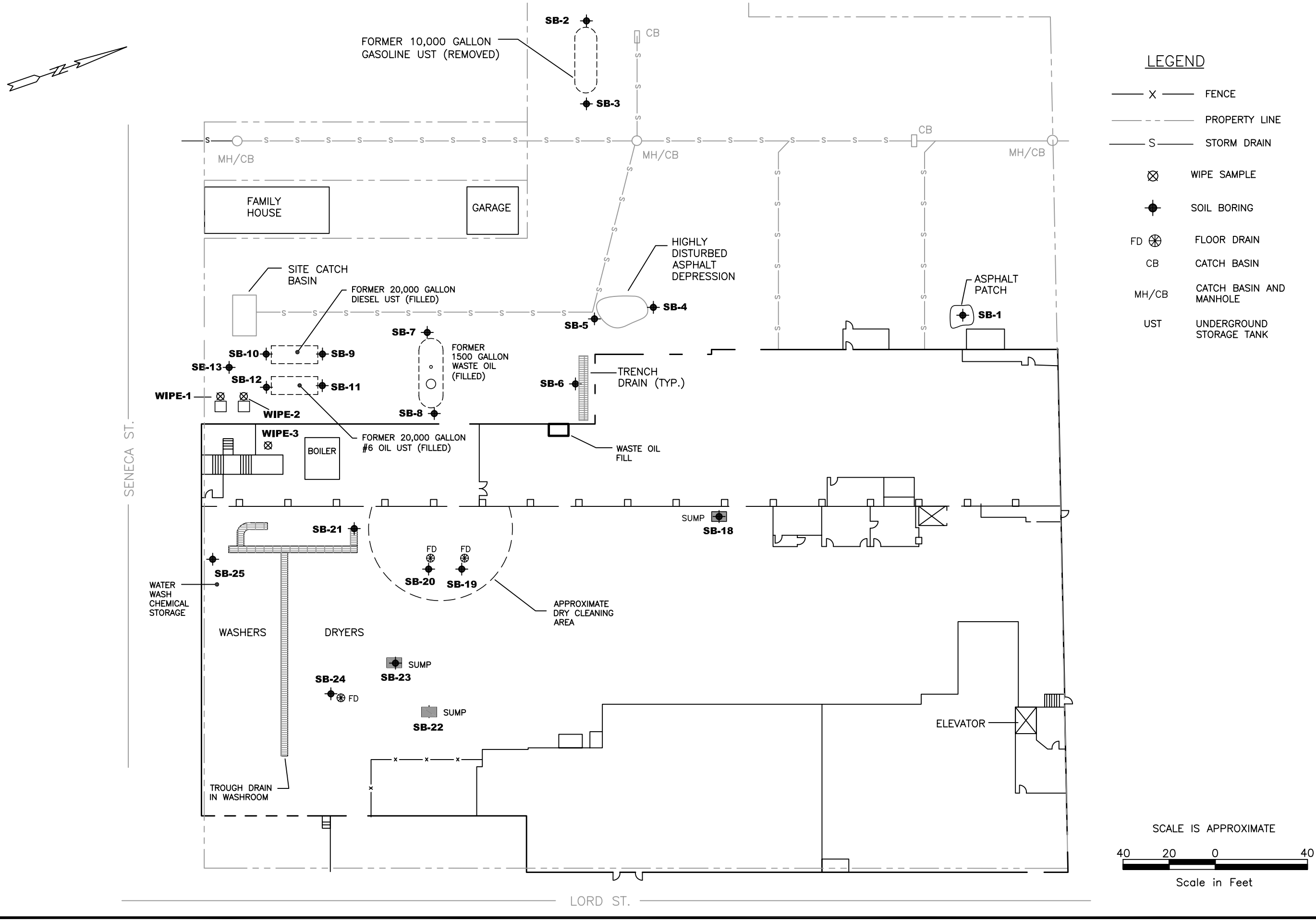


John T. Imhoff
Project Hydrogeologist

Joseph S. Campisi
Project Manager

Enclosures:
Figures
Tables
Attachment A

FIGURES



LEGEND

X	FENCE
	PROPERTY LINE
S	STORM DRAIN
⊠	WIPE SAMPLE
⊕	SOIL BORING
FD ⊛	FLOOR DRAIN
CB	CATCH BASIN
MH/CB	CATCH BASIN AND MANHOLE
UST	UNDERGROUND STORAGE TANK

SCALE IS APPROXIMATE

40 20 0 40

Scale in Feet

REVISIONS	NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY: | DRAWN BY: | CHECKED BY: | APPROVED BY:

ENSR INTERNATIONAL
6601 KIRKVILLE ROAD
E. SYRACUSE, NEW YORK 13057
PHONE: (315) 432-0506
FAX: (315) 437-0509
WEB: HTTP://WWW.ENSR.COM

FLOOR PLAN
SOIL BORING LOCATIONS

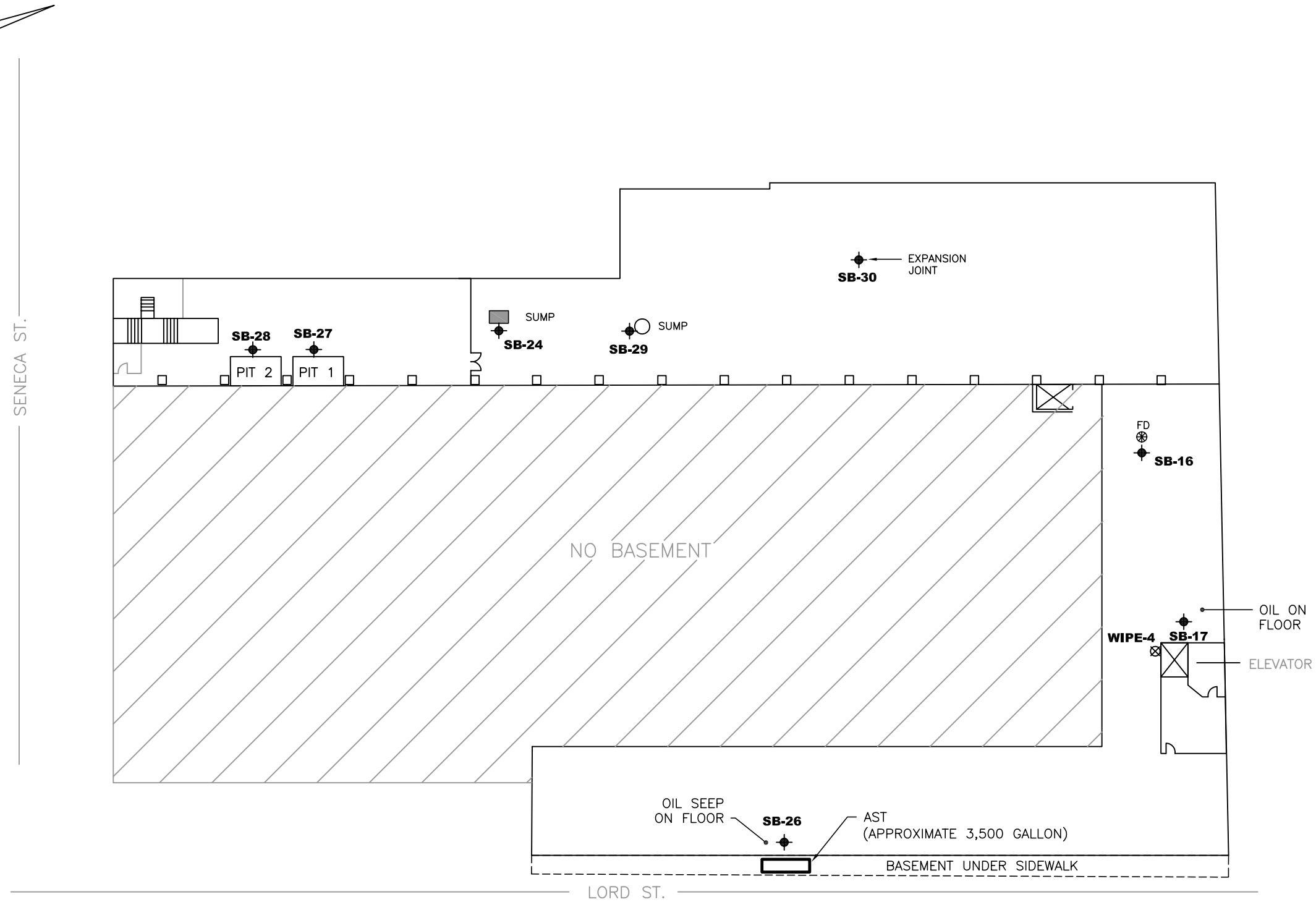
AMERIPRIDE SERVICES Inc.
BUFFALO, NEW YORK

PROJECT NUMBER: 10770-002
DATE: 10/7/05
SCALE: AS NOTED

FIGURE NUMBER: 1

SHEET NUMBER: 1 OF 1

J:\LANSTAND\120\Projects\10770001 AmeriPride-Buffalo\DRAWINGS\FIG.1.dwg



LEGEND

⊠ WIPE SAMPLE

⊕ SOIL BORING

AST ABOVE GROUND STORAGE TANK

SCALE IS APPROXIMATE

40 20 0 40

Scale in Feet

REVISIONS	NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:

ENSR INTERNATIONAL
6601 KIRKVILLE ROAD
E. SYRACUSE, NEW YORK 13057
PHONE: (315) 432-0506
FAX: (315) 437-0509
WEB: HTTP://WWW.ENSR.COM

BASEMENT PLAN
SOIL BORING LOCATIONS

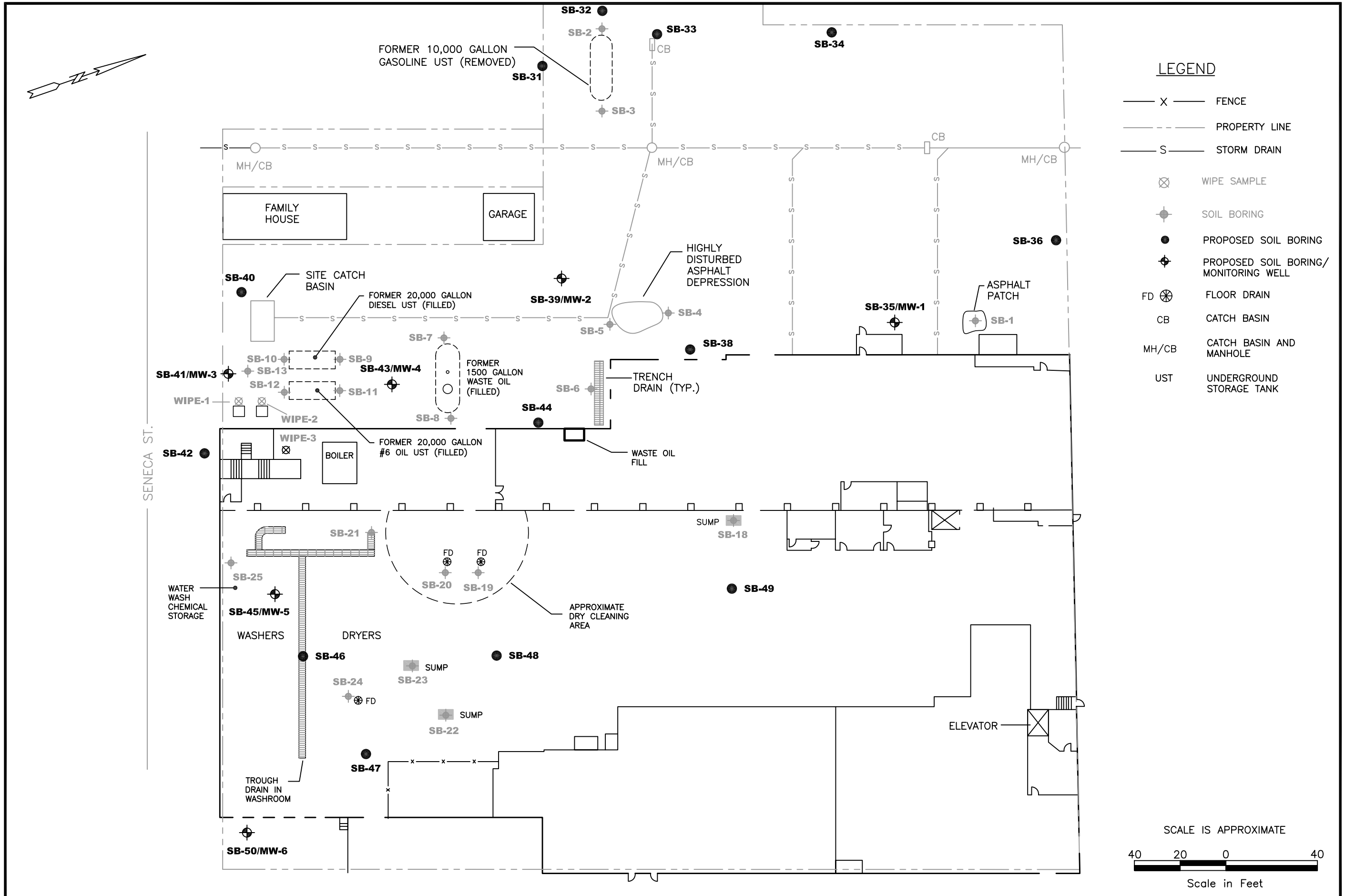
AMERIPRIDE SERVICES Inc.
BUFFALO, NEW YORK

SCALE:	DATE:	PROJECT NUMBER:
AS NOTED	10/7/05	10770-002

FIGURE NUMBER: **2**

SHEET NUMBER: 1 OF 1

J:\LANSTAND\120\Projects\10770001 AmeriPride-Buffalo\DRAWINGS\FIG.2.dwg



LEGEND

- FENCE
- PROPERTY LINE
- STORM DRAIN
- WIPE SAMPLE
- SOIL BORING
- PROPOSED SOIL BORING
- PROPOSED SOIL BORING/ MONITORING WELL
- FD — FLOOR DRAIN
- CB — CATCH BASIN
- MH/CB — CATCH BASIN AND MANHOLE
- UST — UNDERGROUND STORAGE TANK

SCALE IS APPROXIMATE

40 20 0 40

Scale in Feet

REVISIONS	NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY: | DRAWN BY: | CHECKED BY: | APPROVED BY:

ENSR INTERNATIONAL
6601 KIRKVILLE ROAD
E. SYRACUSE, NEW YORK 13057
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PROPOSED SOIL BORING LOCATIONS

AMERIPRIDE SERVICES Inc.
BUFFALO, NEW YORK

PROJECT NUMBER: 10770-002
DATE: 10/7/05
SCALE: AS NOTED

FIGURE NUMBER: 3

SHEET NUMBER: 1 OF 1

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TABLES

TABLE 1
Sampling Rationale, Depths and Analyses Requested
AmeriPride - Buffalo

Location	Rationale for Sample Collection	Sample Interval (feet bgs)	Analyses Requested
SB-1	Patched asphalt area near north corner of building	7.5-8.5	VOCs, PAHs
SB-2	Former 10,000 gallon gasoline UST location	0.5-1.5	VOCs, PAHs
SB-3	Former 10,000 gallon gasoline UST location	17.5-18.7	VOCs, PAHs
SB-4	Highly disturbed asphalt area west of building	14-15	VOCs, PAHs
SB-5	Highly disturbed asphalt area west of building	15-16	VOCs, PAHs
SB-6	Trench drain in truck dock area on west side of building	3-4	VOCs, PAHs, RCRA Metals
SB-7	Former 1,500 gallon waste oil UST (filled with concrete)	7-8	VOCs, PAHs, RCRA Metals, PCBs
SB-8	Former 1,500 gallon waste oil UST (filled with concrete)	4-5	VOCs, PAHs, RCRA Metals, PCBs
SB-9	Former 20,000 gallon UST location (Diesel of #6 Oil)	17.5-18.4	VOCs, PAHs
SB-10	Former 20,000 gallon UST location (Diesel of #6 Oil)	17-17.5	VOCs, PAHs
SB-11	Former 20,000 gallon UST location (Diesel of #6 Oil)	18-18.8	VOCs, PAHs
SB-12	Former 20,000 gallon UST location (Diesel of #6 Oil)	14.5-15.5	VOCs, PAHs
SB-13	Site catch basin adjacent to Seneca Street	17-17.4	VOCs, PAHs, RCRA Metals, PCBs
SB-16	Floor drain in basement	0.5-2	VOC
SB-16	Floor drain in basement	4-5	PAH, RCRA Metals
SB-16	Floor drain in basement	6-7	PCBs
SB-17	Elevator oil on floor in vicinity of elevator machinery	6-7	VOC
SB-17	Elevator oil on floor in vicinity of elevator machinery	7-7.5	PAH, RCRA Metals
SB-17	Elevator oil on floor in vicinity of elevator machinery	5-6	PCBs
SB-18	Sump on main floor of facility	2.5-3.5	VOCs, PAHs, RCRA Metals
SB-19	Floor drain in reported former dry cleaning area	12-13	VOCs, PAHs, RCRA Metals
SB-20	Floor drain in reported former dry cleaning area	4-5	VOCs, PAHs, RCRA Metals
SB-21	Drain trench in washroom on main floor of facility	3.7-4.7	VOCs, PAHs, RCRA Metals
SB-22	Sump on main floor of facility	3-5	VOCs, PAHs, RCRA Metals
SB-23	Sump on main floor of facility	3-4	VOCs, PAHs, RCRA Metals
SB-24	Floor drain in dryer area	2-3	VOCs, PAHs, RCRA Metals
SB-25	Water-wash chemical storage area	5-7	VOCs, PAHs, RCRA Metals
SB-26	Oil seep in basement adjacent to identified AST location	5-6	VOCs
SB-26	Oil seep in basement adjacent to identified AST location	4.5-5	PAH, RCRA Metals
SB-27	Adjacent to Pit 1	5-6	VOCs
SB-27	Adjacent to Pit 1	4-5	PAH, RCRA Metals
SB-28	Adjacent to Pit 2	4-6	VOCs, PAHs, RCRA Metals
SB-29	Adjacent to sump in basement	0.5-2	VOCs, PAHs, RCRA Metals
SB-30	Situated in expansion joint in basement	2-3	VOCs, PAHs, RCRA Metals
Wipe-1	Pad mounted transformer	surface wipe	PCBs
Wipe-2	Pad mounted transformer	surface wipe	PCBs
Wipe-3	Electrical capacitor bank	surface wipe	PCBs
Wipe-4	Oil on floor adjacent to Elevator	surface wipe	PCBs

Notes:
VOCs - Volatile Organic Compounds
PAHs - Polycyclic Aromatic Hydrocarbons
PCBs- Polychlorinated Biphenyls
bgs - below ground surface

TABLE 2
Analytical Results - VOCs
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-1 (7.5-8.5') 8/22/2005	SB-2 (0.5-1.5') 8/22/2005	SB-3 (17.5-18.7') 8/22/2005	SB-4 (14-15') 8/23/2005	SB-5 (15-16') 8/23/2005
1,1-Dichloroethene	75-35-4	0.4	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
1,2-Dichlorobenzene	95-50-1	7.9	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
1,4-Dichlorobenzene	106-46-7	8.5	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Acetone	67-64-1	0.2	< 0.029	< 0.029	< 0.028	< 0.029	< 0.031
Carbon Disulfide	75-15-0	2.7	< 0.006	< 0.006	**0.001 J**	< 0.006	< 0.006
Carbon Tetrachloride	56-23-5	0.6	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Chlorobenzene	108-90-7	1.7	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Chloroform	67-66-3	0.3	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
cis-1,2-Dichloroethene	156-59-2	NA	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Dichlorodifluoromethane	75-71-8	NA	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Ethylbenzene	100-41-4	5.5	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Methylene chloride	75-09-2	0.1	< 0.006	< 0.006	< 0.006	< 0.006	**0.006 B**
Tetrachloroethene	127-18-4	1.4	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Toluene	108-88-3	1.5	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Total Xylenes	1330-20-7	1.2	< 0.018	< 0.017	< 0.017	< 0.017	< 0.019
trans-1,2-Dichloroethene	156-60-5	0.3	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Trichloroethene	79-01-6	0.7	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Vinyl chloride	75-01-4	0.2	< 0.012	< 0.012	< 0.011	< 0.012	< 0.012

Notes:

All results reported in miligrams per kilogram (ppm)

J Indicates an estimated value.

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

Determination of Soil Cleanup Objectives and Soil Cleanup Levels

E Indicates concentration exceeds calibration limits for the instrument for that specific analysis

D indicates that Dilution

B indicates that parameter was detected in associated method blank

Table is summary of detections only - Other VOCs were not detected in samples collected during the investigation

TABLE 2
Analytical Results - VOCs
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-5 (Dup) (15-16') 8/23/2005	SB-6 (3-4') 8/25/2005	SB-7 (7-8') 8/25/2005	SB-7DL (7-8') 8/25/2005	SB-8 (4-5') 8/25/2005
1,1-Dichloroethene	75-35-4	0.4	< 0.006	< 0.006	< 0.005	< 0.7	< 0.006
1,2-Dichlorobenzene	95-50-1	7.9	< 0.006	< 0.006	< 0.005	< 0.7	< 0.006
1,4-Dichlorobenzene	106-46-7	8.5	< 0.006	< 0.006	< 0.005	< 0.7	< 0.006
Acetone	67-64-1	0.2	< 0.032	< 0.029	< 0.027	< 3.5	< 0.032
Carbon Disulfide	75-15-0	2.7	< 0.006	< 0.006	< 0.005	< 0.7	< 0.006
Carbon Tetrachloride	56-23-5	0.6	< 0.006	< 0.006	< 0.005	< 0.7	< 0.006
Chlorobenzene	108-90-7	1.7	< 0.006	< 0.006	< 0.005	< 0.7	< 0.006
Chloroform	67-66-3	0.3	< 0.006	< 0.006	< 0.005	< 0.7	< 0.006
cis-1,2-Dichloroethene	156-59-2	NA	< 0.006	< 0.006	**0.11**	**1.7 D**	**0.009**
Dichlorodifluoromethane	75-71-8	NA	< 0.006	< 0.006	< 0.005	< 0.7	< 0.006
Ethylbenzene	100-41-4	5.5	< 0.006	< 0.006	< 0.005	< 0.7	< 0.006
Methylene chloride	75-09-2	0.1	< 0.006	**0.006**	**0.008**	< 0.7	**0.006**
Tetrachloroethene	127-18-4	1.4	< 0.006	< 0.006	**0.031**	**4.2 D**	**0.39 E**
Toluene	108-88-3	1.5	< 0.006	< 0.006	< 0.005	< 0.7	< 0.006
Total Xylenes	1330-20-7	1.2	< 0.019	< 0.017	< 0.016	< 2.100	< 0.019
trans-1,2-Dichloroethene	156-60-5	0.3	< 0.006	< 0.006	**0.006**	< 0.7	< 0.006
Trichloroethene	79-01-6	0.7	< 0.006	< 0.006	**0.26 E**	**9.8 D**	**0.042**
Vinyl chloride	75-01-4	0.2	< 0.013	< 0.012	< 0.011	< 1.4	< 0.013

Notes:

All results reported in miligrams per kilogram (ppm)

J Indicates an estimated value.

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

Determination of Soil Cleanup Objectives and Soil Cleanup Levels

E Indicates concentration exceeds calibration limits for the instrument for that specific ana

D indicates that Dilution

B indicates that parameter was detected in associated method blank

Table is summary of detections only - Other VOCs were not detected in

TABLE 2
Analytical Results - VOCs
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-8DL (4-5') 8/25/2005	SB-9 (17.5-18.4') 8/23/2005	SB-10 (17-17.5') 8/23/2005	SB-11 (18-18.8') 8/25/2005	SB-12 (14.5-15.5') 8/25/2005
1,1-Dichloroethene	75-35-4	0.4	< 0.03	< 0.006	< 0.005	< 0.006	< 0.006
1,2-Dichlorobenzene	95-50-1	7.9	< 0.03	< 0.006	< 0.005	< 0.006	< 0.006
1,4-Dichlorobenzene	106-46-7	8.5	< 0.03	< 0.006	< 0.005	< 0.006	< 0.006
Acetone	67-64-1	0.2	< 0.15	< 0.03	< 0.027	< 0.029	< 0.029
Carbon Disulfide	75-15-0	2.7	< 0.03	< 0.006	< 0.005	< 0.006	< 0.006
Carbon Tetrachloride	56-23-5	0.6	< 0.03	< 0.006	< 0.005	< 0.006	< 0.006
Chlorobenzene	108-90-7	1.7	< 0.03	< 0.006	< 0.005	< 0.006	< 0.006
Chloroform	67-66-3	0.3	< 0.03	< 0.006	< 0.005	< 0.006	< 0.006
cis-1,2-Dichloroethene	156-59-2	NA	**0.019 DJ**	< 0.006	< 0.005	**0.024**	**0.034**
Dichlorodifluoromethane	75-71-8	NA	< 0.03	< 0.006	< 0.005	< 0.006	< 0.006
Ethylbenzene	100-41-4	5.5	< 0.03	< 0.006	< 0.005	< 0.006	< 0.006
Methylene chloride	75-09-2	0.1	< 0.03	**0.006 B**	**0.005 B**	**0.008**	**0.01**
Tetrachloroethene	127-18-4	1.4	**0.78 D**	< 0.006	< 0.005	**0.002** J	**0.001 J**
Toluene	108-88-3	1.5	**0.035 D**	< 0.006	< 0.005	< 0.006	< 0.006
Total Xylenes	1330-20-7	1.2	< 0.091	< 0.018	< 0.016	< 0.018	< 0.017
trans-1,2-Dichloroethene	156-60-5	0.3	< 0.03	< 0.006	< 0.005	< 0.006	< 0.006
Trichloroethene	79-01-6	0.7	**0.14 D**	< 0.006	< 0.005	**0.056**	**0.002 J**
Vinyl chloride	75-01-4	0.2	< 0.061	< 0.012	< 0.011	< 0.012	< 0.011

Notes:

All results reported in miligrams per kilogram (ppm)

J Indicates an estimated value.

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

Determination of Soil Cleanup Objectives and Soil Cleanup Levels

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D indicates that Dilution

B indicates that parameter was detected in associated method blank

Table is summary of detections only - Other VOCs were not detected in

TABLE 2
Analytical Results - VOCs
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-13 (17-17.4') 8/25/2005	SB-13DL (17-17.4') 8/25/2005	SB-16 (0.5-2') 8/24/2005	SB-17 (6-7') 8/24/2005	SB-18 (2.5-3.5') 8/26/2005
1,1-Dichloroethene	75-35-4	0.4	**0.003 J**	< 7.6	< 0.006	< 0.005	< 0.006
1,2-Dichlorobenzene	95-50-1	7.9	< 0.006	< 7.6	< 0.006	< 0.005	< 0.006
1,4-Dichlorobenzene	106-46-7	8.5	< 0.006	< 7.6	< 0.006	< 0.005	< 0.006
Acetone	67-64-1	0.2	< 0.03	< 38	< 0.032	< 0.027	< 0.03
Carbon Disulfide	75-15-0	2.7	< 0.006	< 7.6	< 0.006	< 0.005	< 0.006
Carbon Tetrachloride	56-23-5	0.6	< 0.006	< 7.6	< 0.006	< 0.005	< 0.006
Chlorobenzene	108-90-7	1.7	< 0.006	< 7.6	< 0.006	< 0.005	< 0.006
Chloroform	67-66-3	0.3	< 0.006	< 7.6	< 0.006	< 0.005	< 0.006
cis-1,2-Dichloroethene	156-59-2	NA	**1.6 E**	< 7.6	< 0.006	< 0.005	< 0.006
Dichlorodifluoromethane	75-71-8	NA	< 0.006	< 7.6	< 0.006	< 0.005	< 0.006
Ethylbenzene	100-41-4	5.5	**0.004 J**	< 7.6	< 0.006	< 0.005	< 0.006
Methylene chloride	75-09-2	0.1	**0.009**	< 7.6	**0.007**	< 0.005	**0.006**
Tetrachloroethene	127-18-4	1.4	**6.8 E**	**98 D**	**0.002 J**	**0.001 J**	**0.002 J**
Toluene	108-88-3	1.5	< 0.006	< 7.6	< 0.006	< 0.005	< 0.006
Total Xylenes	1330-20-7	1.2	**0.006 J**	< 23	< 0.019	< 0.016	< 0.018
trans-1,2-Dichloroethene	156-60-5	0.3	**0.007**	< 7.6	< 0.006	< 0.005	< 0.006
Trichloroethene	79-01-6	0.7	**3.3 E**	**3 DJ**	< 0.006	< 0.005	< 0.006
Vinyl chloride	75-01-4	0.2	**0.021**	< 15	< 0.013	< 0.011	< 0.012

Notes:

All results reported in miligrams per kilogram (ppm)

J Indicates an estimated value.

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

Determination of Soil Cleanup Objectives and Soil Cleanup Levels

E Indicates concentration exceeds calibration limits for the instrument for that specific ana

D indicates that Dilution

B indicates that parameter was detected in associated method blank

Table is summary of detections only - Other VOCs were not detected in

TABLE 2
Analytical Results - VOCs
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-19 (12-13') 8/26/2005	SB-20 (4-5') 8/26/2005	SB-21 (3.7-4.7') 8/26/2005	SB-21DL (3.7-4.7') 8/26/2005	SB-21Dup (3.7-4.7') 8/26/2005
1,1-Dichloroethene	75-35-4	0.4	< 0.006	< 0.006	< 0.006	< 0.71	< 0.007
1,2-Dichlorobenzene	95-50-1	7.9	< 0.006	< 0.006	< 0.006	< 0.71	< 0.007
1,4-Dichlorobenzene	106-46-7	8.5	< 0.006	< 0.006	< 0.006	< 0.71	< 0.007
Acetone	67-64-1	0.2	< 0.028	< 0.03	**0.027 J**	< 3.6	**0.031 J**
Carbon Disulfide	75-15-0	2.7	< 0.006	< 0.006	< 0.006	< 0.71	< 0.007
Carbon Tetrachloride	56-23-5	0.6	< 0.006	< 0.006	< 0.006	< 0.71	< 0.007
Chlorobenzene	108-90-7	1.7	< 0.006	< 0.006	< 0.006	< 0.71	< 0.007
Chloroform	67-66-3	0.3	< 0.006	< 0.006	< 0.006	< 0.71	< 0.007
cis-1,2-Dichloroethene	156-59-2	NA	< 0.006	**0.001 J**	**0.002 J**	< 0.71	**0.002 J**
Dichlorodifluoromethane	75-71-8	NA	< 0.006	< 0.006	< 0.006	< 0.71	< 0.007
Ethylbenzene	100-41-4	5.5	< 0.006	< 0.006	< 0.006	< 0.71	< 0.007
Methylene chloride	75-09-2	0.1	**0.008**	**0.006**	< 0.006	< 0.71	**0.006 J**
Tetrachloroethene	127-18-4	1.4	< 0.006	**0.18**	**1 E**	**9.4 D**	**0.86 E**
Toluene	108-88-3	1.5	**0.002 J**	< 0.006	**0.002 J**	< 0.71	**0.002 J**
Total Xylenes	1330-20-7	1.2	< 0.017	< 0.018	< 0.017	< 2.1	< 0.02
trans-1,2-Dichloroethene	156-60-5	0.3	< 0.006	< 0.006	< 0.006	< 0.71	< 0.007
Trichloroethene	79-01-6	0.7	< 0.006	**0.004 J**	**0.008**	**0.13 DJ**	**0.007**
Vinyl chloride	75-01-4	0.2	< 0.011	< 0.012	**0.005 J**	< 1.4	**0.002 J**

Notes:

All results reported in miligrams per kilogram (ppm)

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Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

Determination of Soil Cleanup Objectives and Soil Cleanup Levels

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Table is summary of detections only - Other VOCs were not detected in

TABLE 2
Analytical Results - VOCs
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-21DLDup (3.7-4.7') 8/26/2005	SB-22 (3-5') 8/29/2005	SB-23 (3-4') 8/26/2005	SB-24 (2-3') 8/29/2005	SB-24DL (2-3') 8/29/2005
1,1-Dichloroethene	75-35-4	0.4	< 0.86	< 0.006	< 0.007	< 0.006	< 0.71
1,2-Dichlorobenzene	95-50-1	7.9	< 0.86	< 0.006	< 0.007	< 0.006	< 0.71
1,4-Dichlorobenzene	106-46-7	8.5	< 0.86	< 0.006	< 0.007	< 0.006	< 0.71
Acetone	67-64-1	0.2	< 4.3	< 0.028	< 0.035	< 0.028	< 3.5
Carbon Disulfide	75-15-0	2.7	< 0.86	< 0.006	**0.002 J**	< 0.006	< 0.71
Carbon Tetrachloride	56-23-5	0.6	< 0.86	< 0.006	< 0.007	< 0.006	< 0.71
Chlorobenzene	108-90-7	1.7	< 0.86	< 0.006	< 0.007	< 0.006	< 0.71
Chloroform	67-66-3	0.3	< 0.86	< 0.006	< 0.007	< 0.006	< 0.71
cis-1,2-Dichloroethene	156-59-2	NA	< 0.86	< 0.006	**0.002 J**	< 0.006	< 0.71
Dichlorodifluoromethane	75-71-8	NA	< 0.86	< 0.006	< 0.007	< 0.006	< 0.71
Ethylbenzene	100-41-4	5.5	< 0.86	< 0.006	< 0.007	< 0.006	< 0.71
Methylene chloride	75-09-2	0.1	< 0.86	**0.009**	**0.006 J**	**0.01**	< 0.71
Tetrachloroethene	127-18-4	1.4	**11 D**	**0.004 J**	**0.094**	**0.54 E**	**5.4 D**
Toluene	108-88-3	1.5	< 0.86	< 0.006	**0.002 J**	< 0.006	< 0.71
Total Xylenes	1330-20-7	1.2	< 2.6	< 0.017	< 0.021	< 0.017	< 2.1
trans-1,2-Dichloroethene	156-60-5	0.3	< 0.86	< 0.006	< 0.007	< 0.006	< 0.71
Trichloroethene	79-01-6	0.7	**0.11 DJ**	< 0.006	**0.002 J**	< 0.006	< 0.71
Vinyl chloride	75-01-4	0.2	< 1.7	< 0.011	< 0.014	< 0.011	< 1.4

Notes:

All results reported in miligrams per kilogram (ppm)

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Determination of Soil Cleanup Objectives and Soil Cleanup Levels

E Indicates concentration exceeds calibration limits for the instrument for that specific ana

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Table is summary of detections only - Other VOCs were not detected in

TABLE 2
Analytical Results - VOCs
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-25 (5-7') 8/29/2005	SB-26 (5-6') 8/24/2005	SB-27 (5-6') 8/24/2005	SB-28 (4-6') 8/24/2005	SB-28DL (4-6') 8/24/2005
1,1-Dichloroethene	75-35-4	0.4	< 0.006	< 0.005	< 0.006	< 3.2	< 8
1,2-Dichlorobenzene	95-50-1	7.9	< 0.006	< 0.005	< 0.006	< 3.2	< 8
1,4-Dichlorobenzene	106-46-7	8.5	< 0.006	< 0.005	< 0.006	< 3.2	< 8
Acetone	67-64-1	0.2	< 0.031	< 0.027	< 0.032	< 16	< 40
Carbon Disulfide	75-15-0	2.7	< 0.006	< 0.005	< 0.006	< 3.2	< 8
Carbon Tetrachloride	56-23-5	0.6	< 0.006	< 0.005	< 0.006	< 3.2	< 8
Chlorobenzene	108-90-7	1.7	< 0.006	< 0.005	< 0.006	< 3.2	< 8
Chloroform	67-66-3	0.3	**0.063**	< 0.005	< 0.006	< 3.2	< 8
cis-1,2-Dichloroethene	156-59-2	NA	< 0.006	**0.160**	**0.24**	**2.5 J**	**2.3 DJ**
Dichlorodifluoromethane	75-71-8	NA	< 0.006	< 0.005	**0.003 J**	< 3.2	< 8
Ethylbenzene	100-41-4	5.5	< 0.006	< 0.005	< 0.006	< 3.2	< 8
Methylene chloride	75-09-2	0.1	**0.009**	< 0.005	< 0.006	< 3.2	< 8
Tetrachloroethene	127-18-4	1.4	**0.001 J**	< 0.005	**0.068**	**89**	**92 D**
Toluene	108-88-3	1.5	< 0.006	< 0.005	< 0.006	< 3.2	< 8
Total Xylenes	1330-20-7	1.2	< 0.018	< 0.016	< 0.019	< 9.6	< 24
trans-1,2-Dichloroethene	156-60-5	0.3	< 0.006	< 0.005	**0.009**	< 3.2	< 8
Trichloroethene	79-01-6	0.7	< 0.006	< 0.005	**0.076**	**4.2**	**4.1 DJ**
Vinyl chloride	75-01-4	0.2	< 0.012	**0.013**	**0.081**	< 6.4	< 16

Notes:

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Determination of Soil Cleanup Objectives and Soil Cleanup Levels

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TABLE 2
Analytical Results - VOCs
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-29 (0.5-2') 8/24/2005	SB-30 (2-3') 8/29/2005
1,1-Dichloroethene	75-35-4	0.4	< 0.006	< 0.007
1,2-Dichlorobenzene	95-50-1	7.9	**0.013**	< 0.007
1,4-Dichlorobenzene	106-46-7	8.5	**0.006**	< 0.007
Acetone	67-64-1	0.2	< 0.03	< 0.033
Carbon Disulfide	75-15-0	2.7	< 0.006	< 0.007
Carbon Tetrachloride	56-23-5	0.6	**0.027**	< 0.007
Chlorobenzene	108-90-7	1.7	**0.026**	< 0.007
Chloroform	67-66-3	0.3	**0.015**	< 0.007
cis-1,2-Dichloroethene	156-59-2	NA	**0.018**	< 0.007
Dichlorodifluoromethane	75-71-8	NA	< 0.006	< 0.007
Ethylbenzene	100-41-4	5.5	< 0.006	< 0.007
Methylene chloride	75-09-2	0.1	**0.006**	**0.014**
Tetrachloroethene	127-18-4	1.4	**0.120**	< 0.007
Toluene	108-88-3	1.5	**0.002 J**	< 0.007
Total Xylenes	1330-20-7	1.2	< 0.018	< 0.02
trans-1,2-Dichloroethene	156-60-5	0.3	< 0.006	< 0.007
Trichloroethene	79-01-6	0.7	**0.012**	< 0.007
Vinyl chloride	75-01-4	0.2	< 0.012	< 0.013

Notes:

All results reported in miligrams per kilogram (ppm)

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Determination of Soil Cleanup Objectives and Soil Cleanup Levels

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Table is summary of detections only - Other VOCs were not detected in

TABLE 3
Analytical Results - PAHs
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-1 (7.5-8.5) 8/22/2005	SB-2 (0.5-1.5) 8/22/2005	SB-3 17.5-18.7 8/22/2005	SB-4 (14-15') 8/23/2005	SB-5 (15-16') 8/23/2005	SB-6 (3-4') 8/25/2005	SB-7 (7-8') 8/25/2005
2-Methylnaphthalene	91-57-6	36.4	< 0.38	< 3.6	< 0.36	< 2.1	< 0.42	< 0.39	< 1.8
Acenaphthene	83-32-9	50	< 0.38	< 3.6	< 0.36	< 2.1	< 0.42	< 0.39	< 1.8
Acenaphthylene	208-96-8	41	< 0.38	< 3.6	< 0.36	< 2.1	< 0.42	< 0.39	< 1.8
Anthracene	120-12-7	50	< 0.38	**0.36** J	< 0.36	< 2.1	< 0.42	< 0.39	< 1.8
Benzo(a)anthracene	56-55-3	0.224	< 0.38	**1.3** J	**0.023** J	**0.12** J	**0.032** J	< 0.39	**0.1** J
Benzo(a)pyrene	50-32-8	0.061	< 0.38	**1.5** J	< 0.36	**0.14** J	< 0.42	< 0.39	< 1.8
Benzo(b)fluoranthene	205-99-2	1.1	< 0.38	**1.9** J	**0.019** J	**0.21** J	< 0.42	< 0.39	< 1.8
Benzo(ghi)perylene	191-24-2	50	< 0.38	**1.4** J	< 0.36	< 2.1	< 0.42	< 0.39	< 1.8
Benzo(k)fluoranthene	207-08-9	1.1	< 0.38	**0.35** J	< 0.36	**0.22** J	< 0.42	< 0.39	< 1.8
Chrysene	218-01-9	0.4	< 0.38	**1.5** J	**0.024** J	**0.16** J	< 0.42	< 0.39	< 1.8
Dibenzo(a,h)anthracene	53-70-3	0.014	< 0.38	< 3.6	< 0.36	< 2.1	< 0.42	< 0.39	< 1.8
Fluoranthene	206-44-0	50	< 0.38	**2.8** J	**0.039** J	**0.25** J	**0.049** J	< 0.39	**0.14** J
Fluorene	86-73-7	50	< 0.38	< 3.6	< 0.36	< 2.1	< 0.42	< 0.39	< 1.8
Indeno(1,2,3-cd)pyrene	193-39-5	3.2	< 0.38	< 3.6	< 0.36	< 2.1	< 0.42	< 0.39	< 1.8
Naphthalene	91-20-3	13	< 0.38	< 3.6	< 0.36	< 2.1	< 0.42	< 0.39	< 1.8
Phenanthrene	85-01-8	50	< 0.38	**1.4** J	**0.03** J	**0.14** J	**0.042** J	< 0.39	< 1.8
Pyrene	129-00-0	50	< 0.38	**2.4** J	**0.043** J	**0.23** J	**0.046** J	< 0.39	**0.13** J

Notes:

All results reported in miligrams per kilogram (ppm)

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RSCO: Recommended Soil Cleanup Values from NYSDEC TAGM #4046: Determination of Soil Cleanup Objectives and Soil Cleanup Levels

E Indicates concentration exceeds calibration limits for the instrument for that specific analysis

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TABLE 3
Analytical Results - PAHs
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-8 (4-5') 8/25/2005	SB-9 (17.5-18.4') 8/23/2005	SB-10 (17-17.5') 8/23/2005	SB-11 (18-18.8') 8/25/2005	SB-12 (14.5-15.5') 8/25/2005	SB-120 (14.5-15.5') 8/25/2005	SB-13 (17-17.4') 8/25/2005
2-Methylnaphthalene	91-57-6	36.4	< 2.2	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Acenaphthene	83-32-9	50	< 2.2	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Acenaphthylene	208-96-8	41	< 2.2	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Anthracene	120-12-7	50	**0.13** J	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Benzo(a)anthracene	56-55-3	0.224	**0.33** J	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Benzo(a)pyrene	50-32-8	0.061	**0.24** J	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Benzo(b)fluoranthene	205-99-2	1.1	**0.35** J	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Benzo(ghi)perylene	191-24-2	50	**0.16** J	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Benzo(k)fluoranthene	207-08-9	1.1	< 2.2	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Chrysene	218-01-9	0.4	**0.35** J	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Dibenzo(a,h)anthracene	53-70-3	0.014	< 2.2	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Fluoranthene	206-44-0	50	**0.73** J	**0.023** J	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Fluorene	86-73-7	50	< 2.2	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Indeno(1,2,3-cd)pyrene	193-39-5	3.2	**0.15** J	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Naphthalene	91-20-3	13	< 2.2	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Phenanthrene	85-01-8	50	**0.67** J	< 0.38	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41
Pyrene	129-00-0	50	**0.6** J	**0.023** J	< 0.36	< 0.36	< 0.39	< 0.37	< 0.41

Notes:

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RSCO: Recommended Soil Cleanup Values from NYSDEC TAG

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TABLE 3
Analytical Results - PAHs
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-16 (4-5') 8/24/2005	SB-17 (7-7.5') 8/24/2005	SB-18 (2.5-3.5') 8/26/2005	SB-19 (12-13') 8/26/2005	SB-20 (4-5') 8/26/2005	SB-21 (3.7-4.7') 8/26/2005	SB-22 (3-5') 8/29/2005
2-Methylnaphthalene	91-57-6	36.4	< 0.36	< 0.37	< 2	< 0.38	< 2.1	< 1.9	**0.43**
Acenaphthene	83-32-9	50	< 0.36	< 0.37	< 2	< 0.38	< 2.1	< 1.9	**0.75**
Acenaphthylene	208-96-8	41	< 0.36	< 0.37	< 2	< 0.38	< 2.1	< 1.9	**0.39**
Anthracene	120-12-7	50	< 0.36	< 0.37	**0.19** J	< 0.38	< 2.1	< 1.9	**1.5**
Benzo(a)anthracene	56-55-3	0.224	< 0.36	< 0.37	**0.53** J	< 0.38	**0.38** J	**0.24** J	**3.6**
Benzo(a)pyrene	50-32-8	0.061	< 0.36	< 0.37	**0.48** J	< 0.38	**0.31** J	**0.18** J	**3.4**
Benzo(b)fluoranthene	205-99-2	1.1	< 0.36	< 0.37	**0.81** J	< 0.38	**0.51** J	**0.21** J	**4.2**
Benzo(ghi)perylene	191-24-2	50	< 0.36	< 0.37	**0.34** J	< 0.38	**0.26** J	**0.12** J	**1.5**
Benzo(k)fluoranthene	207-08-9	1.1	< 0.36	< 0.37	**0.87** J	< 0.38	**0.55** J	< 1.9	**1**
Chrysene	218-01-9	0.4	< 0.36	< 0.37	**0.51** J	< 0.38	**0.37** J	**0.2** J	**3.5**
Dibenzo(a,h)anthracene	53-70-3	0.014	< 0.36	< 0.37	< 2	< 0.38	< 2.1	< 1.9	**0.52**
Fluoranthene	206-44-0	50	< 0.36	< 0.37	**1.1** J	< 0.38	**0.7** J	**0.35** J	**8.5** E
Fluorene	86-73-7	50	< 0.36	< 0.37	< 2	< 0.38	< 2.1	< 1.9	**0.96**
Indeno(1,2,3-cd)pyrene	193-39-5	3.2	< 0.36	< 0.37	**0.28** J	< 0.38	**0.2** J	< 1.9	**1.5**
Naphthalene	91-20-3	13	< 0.36	< 0.37	< 2	< 0.38	< 2.1	< 1.9	**0.88**
Phenanthrene	85-01-8	50	< 0.36	< 0.37	**0.89** J	< 0.38	**0.38** J	**0.3** J	**7.1** E
Pyrene	129-00-0	50	< 0.36	< 0.37	**1.1** J	< 0.38	**0.57** J	**0.39** J	**6.9** E

Notes:

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RSCO: Recommended Soil Cleanup Values from NYSDEC TAG

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TABLE 3
Analytical Results - PAHs
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-22DL (3-5') 8/29/2005	SB-23 (3-4') 8/26/2005	SB-24 (2-3') 8/29/2005	SB-24DL (2-3') 8/29/2005	SB-25 (5-7') 8/29/2005	SB-250 (5-7') 8/29/2005	SB-26 (4.5-5') 8/24/2005
2-Methylnaphthalene	91-57-6	36.4	**0.39** DJ	< 2.1	**0.28** J	**0.34** DJ	< 0.42	< 0.41	< 0.36
Acenaphthene	83-32-9	50	**0.69** DJ	< 2.1	**0.19** J	**0.24** DJ	< 0.42	< 0.41	< 0.36
Acenaphthylene	208-96-8	41	**0.32** DJ	< 2.1	**0.3** J	**0.4** DJ	< 0.42	< 0.41	< 0.36
Anthracene	120-12-7	50	**1.5** D	**0.13** J	**1.6**	**2** D	< 0.42	< 0.41	< 0.36
Benzo(a)anthracene	56-55-3	0.224	**3.3** D	**0.54** J	**7.7** E	**9.5** D	**0.042** J	**0.061** J	< 0.36
Benzo(a)pyrene	50-32-8	0.061	**3.2** D	**0.41** J	**6**	**7.6** D	**0.038** J	**0.064** J	< 0.36
Benzo(b)fluoranthene	205-99-2	1.1	**3.7** D	**0.47** J	**10** E	**9.4** D	**0.045** J	**0.1** J	< 0.36
Benzo(ghi)perylene	191-24-2	50	**1.6** D	**0.27** J	**2.5**	**5.2** D	**0.022** J	**0.061** J	< 0.36
Benzo(k)fluoranthene	207-08-9	1.1	**1.4** DJ	**0.22** J	**11** E	**3.7** D	< 0.42	**0.11** J	< 0.36
Chrysene	218-01-9	0.4	**3.4** D	**0.51** J	**7.2** E	**9** D	**0.032** J	**0.068** J	< 0.36
Dibenzo(a,h)anthracene	53-70-3	0.014	**0.5** DJ	< 2.1	**1.2**	**1.6** DJ	< 0.42	< 0.41	< 0.36
Fluoranthene	206-44-0	50	**7.8** D	**0.96** J	**17** E	**21** D	**0.059** J	**0.12** J	< 0.36
Fluorene	86-73-7	50	**0.9** DJ	< 2.1	**0.27** J	**0.33** DJ	< 0.42	< 0.41	< 0.36
Indeno(1,2,3-cd)pyrene	193-39-5	3.2	**1.5** D	**0.2** J	**2.4**	**4.4** D	< 0.42	**0.038** J	< 0.36
Naphthalene	91-20-3	13	**0.84** DJ	< 2.1	**0.18** J	**0.24** DJ	< 0.42	< 0.41	< 0.36
Phenanthrene	85-01-8	50	**6.7** D	**0.41** J	**14** E	**18** D	**0.04** J	**0.085** J	< 0.36
Pyrene	129-00-0	50	**6.5** D	**0.94** J	**13** E	**16** D	**0.052** J	**0.087** J	< 0.36

Notes:

All results reported in miligrams per kilogram (ppm)

J Indicates an estimated value.

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

RSCO: Recommended Soil Cleanup Values from NYSDEC TAG

E Indicates concentration exceeds calibration limits for the instru

D indicates that Dilution

B indicates that parameter was detected in associated method b

TABLE 3
Analytical Results - PAHs
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-27 (4-5') 8/24/2005	SB-28 (4-6') 8/24/2005	SB-29 (0.5-2') 8/24/2005	SB-30 (2-3') 8/29/2005
2-Methylnaphthalene	91-57-6	36.4	< 0.42	< 0.34	< 0.39	< 0.45
Acenaphthene	83-32-9	50	< 0.42	< 0.34	< 0.39	< 0.45
Acenaphthylene	208-96-8	41	< 0.42	< 0.34	< 0.39	< 0.45
Anthracene	120-12-7	50	< 0.42	< 0.34	< 0.39	< 0.45
Benzo(a)anthracene	56-55-3	0.224	< 0.42	< 0.34	< 0.39	< 0.45
Benzo(a)pyrene	50-32-8	0.061	< 0.42	< 0.34	< 0.39	< 0.45
Benzo(b)fluoranthene	205-99-2	1.1	< 0.42	< 0.34	< 0.39	< 0.45
Benzo(ghi)perylene	191-24-2	50	< 0.42	< 0.34	< 0.39	< 0.45
Benzo(k)fluoranthene	207-08-9	1.1	< 0.42	< 0.34	< 0.39	< 0.45
Chrysene	218-01-9	0.4	< 0.42	< 0.34	< 0.39	< 0.45
Dibenzo(a,h)anthracene	53-70-3	0.014	< 0.42	< 0.34	< 0.39	< 0.45
Fluoranthene	206-44-0	50	< 0.42	< 0.34	< 0.39	< 0.45
Fluorene	86-73-7	50	< 0.42	< 0.34	< 0.39	< 0.45
Indeno(1,2,3-cd)pyrene	193-39-5	3.2	< 0.42	< 0.34	< 0.39	< 0.45
Naphthalene	91-20-3	13	< 0.42	**0.027** J	< 0.39	< 0.45
Phenanthrene	85-01-8	50	< 0.42	< 0.34	< 0.39	< 0.45
Pyrene	129-00-0	50	< 0.42	< 0.34	< 0.39	< 0.45

Notes:

All results reported in miligrams per kilogram (ppm)

J Indicates an estimated value.

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

RSCO: Recommended Soil Cleanup Values from NYSDEC TAG

E Indicates concentration exceeds calibration limits for the instru

D indicates that Dilution

B indicates that parameter was detected in associated method b

TABLE 4
Analytical Results - Metals
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-6 (3-4') 8/25/2005	SB-7 (7-8') 8/25/2005	SB-8 (4-5') 8/25/2005	SB-13 (17-17.4') 8/25/2005	SB-16 (4-5') 8/24/2005	SB-17 (7-7.5') 8/24/2005	SB-18 (2.5-3.5') 8/26/2005
Arsenic - Total	T7440-38-2	7.5	**7.8**	**5.6**	**6.7**	**7.2**	< 2.2	< 2.2	**15.1**
Barium - Total	T7440-39-3	300	**114** E	**27.9** E	**98.2** E	**48.1 E**	**35.3**	**19.6**	**114** EN*
Cadmium - Total	T7440-43-9	1	**0.68**	**0.55**	**0.5**	**0.53**	< 0.22	< 0.22	**0.85**
Chromium - Total	T7440-47-3	10	**20.4**	**8.1**	**9.4**	**14.2**	**5.8**	**3.6**	**16.3**
Lead - Total	T7439-92-1	SB	**10.7**	**13.2**	**124**	**12**	**5.9**	**3.1**	**53.3**
Selenium - Total	T7782-49-2	2	< 4.7	< 4.6	< 5.3	< 5.1	< 4.4	< 4.4	< 4.3
Silver - Total	T7440-22-4	SB	< 0.59	< 0.58	< 0.67	< 0.63	< 0.55	< 0.55	< 0.53
Mercury - Total	T7439-97-6	0.1	< 0.019	**0.02**	**0.671**	< 0.021	**0.05**	< 0.018	**0.445**

Notes:

All results reported in miligrams per kilogram (ppm)

J Indicates an estimated value.

RSCO: Recommended Soil Cleanup Values from NYSDEC TAGM #4046: Determination of Soil Cleanup Objectives and Soil Cleanup Levels

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

D Indicates an sample was diluted.

N indicates that spike sample recovery not within quality control limits

* indicates that spike or duplicate analysis not within quality control limits

E Indicates concentration exceeds calibration limits for the instrument for that specific analysis

TABLE 4
Analytical Results - Metals
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-19 (12-13') 8/26/2005	SB-20 (4-5') 8/26/2005	SB-21 (3.7-4.7') 8/26/2005	SB-22 (3-5') 8/29/2005	SB-23 (3-4') 8/26/2005	SB-24 (2-3') 8/29/2005
Arsenic - Total	T7440-38-2	7.5	**3.3**	**8.5**	**12.5**	**13**	**5.5**	**4.7**
Barium - Total	T7440-39-3	300	**105** EN*	**133** EN*	**245** EN*	**186**	**96.9** EN*	**111**
Cadmium - Total	T7440-43-9	1	**0.51**	**0.92**	**0.53**	< 0.22	**2.6**	< 0.23
Chromium - Total	T7440-47-3	10	**15.6**	**21.2**	**8.5**	**10.4**	**99.2**	**15.8**
Lead - Total	T7439-92-1	SB	**12.2**	**42.4**	**90**	**422** N*	**97.3**	**15.2** N*
Selenium - Total	T7782-49-2	2	< 4.4	< 5.3	< 4.6	< 4.5	< 5.4	< 4.6
Silver - Total	T7440-22-4	SB	< 0.56	< 0.67	< 0.58	< 0.56	**2.7**	< 0.58
Mercury - Total	T7439-97-6	0.1	< 0.02	**0.794**	**0.201**	**0.836** N	**0.794**	**0.033** N

Notes:

All results reported in miligrams per kilogram (ppm)

J Indicates an estimated value.

RSCO: Recommended Soil Cleanup Values from NYSDEC TAGM #4

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

D Indicates an sample was diluted.

N indicates that spike sample recovery not within quality control limits

* indicates that spike or duplicate analysis not within quality control lim

E Indicates concentration exceeds calibration limits for the instrument

TABLE 4
Analytical Results - Metals
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-25 (5-7') 8/29/2005	SB-26 (4.5-5') 8/24/2005	SB-27 (4-5') 8/24/2005	SB-28 (4-6') 8/24/2005	SB-29 (0.5-2') 8/24/2005	SB-30 (2-3') 8/29/2005
Arsenic - Total	T7440-38-2	7.5	**5.8**	< 2.1	**7.8**	**2.3**	**2.6**	< 2.6
Barium - Total	T7440-39-3	300	**119**	**30.8**	**100**	**76.1**	**38**	**94.2**
Cadmium - Total	T7440-43-9	1	< 0.26	< 0.21	< 0.27	< 0.2	< 0.2	< 0.26
Chromium - Total	T7440-47-3	10	**11**	**3.4**	**21.6**	**15.3**	**11.7**	**13.8**
Lead - Total	T7439-92-1	SB	**110** N*	**3.6**	**10.6**	**10.8**	**12.5**	**14** N*
Selenium - Total	T7782-49-2	2	< 5.2	< 4.3	< 5.3	< 4.1	< 3.9	< 5.1
Silver - Total	T7440-22-4	SB	< 0.65	< 0.54	< 0.67	< 0.51	< 0.49	< 0.64
Mercury - Total	T7439-97-6	0.1	**0.273** N	< 0.019	< 0.022	< 0.018	< 0.019	**0.086** N

Notes:

All results reported in miligrams per kilogram (ppm)

J Indicates an estimated value.

RSCO: Recommended Soil Cleanup Values from NYSDEC TAGM #4

Bold indicates compound was detected.

Shading indicates compoud was detected above RSCO value.

D Indicates an sample was diluted.

N indicates that spike sample recovery not within quality control limits

* indicates that spike or duplicate analysis not within quality control lim

E Indicates concentration exceeds calibration limits for the instrument

Table 5
Analytical Results - Polychlorinated Biphenyls - Soil Samples
AmeriPride - Buffalo, NY

Analyte	CAS	NYSDEC TAGM 4046 RSCO	SB-7(7-8) 8/25/2005	SB-8(4-5) 8/25/2005	SB-16(6-7) 8/24/2005	SB-17(5-5) 8/24/2005
Aroclor 1016	12674-11-2	10.0*	< 0.019	< 0.022	< 0.018	< 0.018
Aroclor 1221	11104-28-2	10.0*	< 0.019	< 0.022	< 0.018	< 0.018
Aroclor 1232	11141-16-5	10.0*	< 0.019	< 0.022	< 0.018	< 0.018
Aroclor 1242	53469-21-9	10.0*	< 0.019	< 0.022	< 0.018	< 0.018
Aroclor 1248	12672-29-6	10.0*	< 0.019	**0.022**	< 0.018	< 0.018
Aroclor 1254	11097-69-1	10.0*	**0.041**	**0.016 J**	< 0.018	< 0.018
Aroclor 1260	11096-82-5	10.0*	< 0.019	< 0.022	< 0.018	< 0.018

Notes:

Concentrations reported in mg/kg (ppm)

Bold indicates compound was detected.

* TAGM Standard is 1 ppm total PCBs in surface soils and 10 ppm total PCBs for subsurface soils.

TABLE 6
Analytical Results - Polychlorinated Biphenyls - Wipe Samples
AmeriPride - Buffalo, NY

Analyte	CAS	WIPE 1 8/22/2005	WIPE 2 8/22/2005	WIPE 3 8/26/2005	WIPE 4 8/26/2005
Aroclor 1016	12674-11-2	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	11104-28-2	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1232	11141-16-5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	53469-21-9	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	12672-29-6	< 0.5	< 0.5	< 0.5	**2.2**
Aroclor 1254	11097-69-1	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	11096-82-5	< 0.5	< 0.5	< 0.5	**1.9**

Notes:
Concentrations reported in ug/100 cm^2
Bold indicates compound was detected.
TSCA standard for PCBs on solid surfaces is 10 ug/100cm^2

TABLE 7
Sampling and Analytical Program for Supplemental Phase II Investigation Activities
AmeriPride - Buffalo

Sample Location	Number of Samples	Proposed Analyses
Soil Borings		
SB-31	2	BNA
SB-32	2	BNA
SB-33	2	BNA
SB-34	1	VOCs, BNA, RCRA Metals
SB-35	1	VOCs, BNA, RCRA Metals
SB-36	1	VOCs, BNA, RCRA Metals
SB-37	1	VOCs, BNA, RCRA Metals
SB-38	1	VOCs, BNA, RCRA Metals
SB-39	2	VOCs, BNA, RCRA Metals
SB-40	2	VOCs, BNA, RCRA Metals
SB-41	2	VOCs, BNA, RCRA Metals
SB-42	2	VOCs, BNA, RCRA Metals
SB-43	2	VOCs, BNA, RCRA Metals
SB-44	2	VOCs, BNA, RCRA Metals
SB-45	2	VOCs, BNA, RCRA Metals
SB-46	2	VOCs, BNA, RCRA Metals
SB-47	2	VOCs, BNA, RCRA Metals
SB-48	2	VOCs, BNA, RCRA Metals
SB-49	2	VOCs, BNA, RCRA Metals
SB-50	2	VOCs, BNA, RCRA Metals
Monitoring Wells		
MW-1	1	VOCs, BNA, RCRA Metals
MW-2	1	VOCs, BNA, RCRA Metals
MW-3	1	VOCs, BNA, RCRA Metals
MW-4	1	VOCs, BNA, RCRA Metals
MW-5	1	VOCs, BNA, RCRA Metals

Notes:
VOCs - Volatile Organic Compounds
BNA - Base Neutral and Acid Extractable Semivolatile Organic Compounds

ATTACHMENT A

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-1**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 in.		*Screened Interval:*
Weather: overcast 70°	*Logged By:* SRD	*Date/Time Started:* 8/22 13:42	*Depth of Boring:* 13'
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 13:55	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA	4.5	14.2		0-0.5 Asphalt and sub-base		
							0.5-2 Brown Clayey SILT, little Gravel, trace misc. Fill.		
1									
2							2-5 Grayish-brown Clayey SILT, trace fine Sand and Gravel, no odor, very stiff.		
					15.0				
3									
4									
5					11.2				
	B	5-10	NA	5	2.0		5-7 orange-brown Clayey SILT, grave mottling, moist, very stiff.		
6									
7							7-10 Reddish brown Clayey eSILT, very stiff, moist, no odor.		
					6.2			SB-1 VOC PAH	7.5-8.5 14:15
8									
9									
10					27				
	C	10-15	NA	5	11.7		10-13 Brownish-gray Silty CLAY, moist to wet, very tacky, trace gravel.		
11									
					5.9				
12									
13					3.3		Refusal at 13'.		
14									
15									
16									
17									
18									
19									
20									

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-2**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 in.		*Screened Interval:*
Weather: mostly cloudy 70°	*Logged By:* SRD	*Date/Time Started:* 8/22 15:30	*Depth of Boring:* 19.5'
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 13:55	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA	3.5			0-0.5' Asphalt and sub base.		
					393		0.5-4' Orange brown clayey SILT, some Gravel up to 0.1' subangular to angular, moderately stiff.	SB-2 VOC PAH	0.5-1.5 16:23
1									
2									
3									
4							4-5' Gray brown silty SAND, little Gravel up to 0.05' subrounded to angular, moist.		
					192				
5									
	B	5-10	NA	2.5			5-10' Same as above, moist to saturated.		
6									
					150				
7									
8									
					41.8				
9									
10									
	C	10-15	NA	4.5			10-12.5' Grayish brown silty SAND and Gravel, saturated.		
11									
					45.8				
12							12.5-14.5' Brown to gray, fine to coarse SAND, trace Gravel up to 0.1', wet.		
13					220				
14									
							14.5-15' Reddish brown clayey SILT.		
15									
	D	15-20	NA	4			15-17.5' Fine to coarse SAND, little fine Gravel, wet to saturated.		
16					127				
17									
							17.5-19.5 Grades to reddish/grayish brown clayey SILT with Sand.		
18									
19					106				
							19.3-19.5' 0.2' diameter rocks, unidentifiable (coated with clay)		
20							Refusal at 19.5'.		

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-3**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 in.		*Screened Interval:*
Weather: mostly cloudy, 70	*Logged By:* SRD	*Date/Time Started:* 8/22 14:10	*Depth of Boring:* 18.7'
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 14:30	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA				0-0.5 Asphalt and sub-base.		
							0.5-5 Gray-brown silty SAND, some Gravel up to 0.1', subangular to angular, moist, petroleum odor.		
1									
2									
3									
4									
5									
	B	5-10	NA				5-6 SAA, moist.		
6							6-7 Brown fine to medium SAND, some Gravel, wet.		
7							7-10 Brown GRAVEL, some Sand, wet.		
8									
9									
10									
	C	10-15	NA				10-12 gravelly SAND, saturated.		
11									
12							12-13 Brown GRAVEL, some Sand.		
13							13-14.5 Weathered concrete.		
14							14.5-15 Reddish-brown clayey SILT		
	D	15-18.7							
15							15-18.7 some slough, difficult to delineate slough and native material. Coarse saturated GRAVEL.		
16									
17									
18							Refusal at 18.7'.	SB-3 VOC PAH	17.5-18.7 15:28
19									
20									

NOTES:

All PID readings are considered unreliable due to malfunctioning instrument.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-4**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 ___in.		*Screened Interval:*
Weather: mostly cloudy 65°	*Logged By:* SRD	*Date/Time Started:* 8/25 8:08	*Depth of Boring:* 18'
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 8:40	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA	4.5			0-0.5 Asphalt and sub-base		
					86.9		0.5-3 Dark gray-brown SILT, some Gravel, little Clay. Moist.		
1									
2									
3							3-5 Orange-brown clayey SILT, gray mottling, stiff. Moist.		
					151				
4									
5									
	B	5-10	NA	5	130		5-5.5 Slough.		
6							5.5-10 SAA.		
7									
8									
					177				
9									
10									
	C	10-15	NA	5			10-13 SAA		
11					10.9				
12									
13							13-15 SAA but with increased plasticity.		
					22				
14					225			SB-4 VOC PAH	14-15 10:43
15									
	D	15-18					15-16 Olive brown clayey SILT, some fine Sand and Gravel, saturated.		
16				3	11		16-18 Orange-brown clayey SILT, trace Gravel, high plasticity, moist.		
17									
18							Refusal at 18'.		
19									
20									

NOTES:

All PID readings are considered unreliable due to malfunctioning instrument.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

ENSR INTERNATIONAL

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-5**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 ___in.		*Screened Interval:*
Weather: mostly cloudy 65°	*Logged By:* SRD	*Date/Time Started:* 8/23 10:45	*Depth of Boring:* 18.3
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 11:45	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	**MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)**	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA	5			0-0.5 Asphalt and sub-base 0.5-1 black SILT, with miscellaneous Fill. 1-3.2 dark gray SILT, little Gravel up to 0.02', subangular to angular, moist.		
1									
2									
3							3.2-5 Orange-brown clayey SILT, gray mottling, moist. Slightly stiff, low plasticity.		
4									
5									
	B	5-10	NA	5			5-10 SAA, trace fine Sand.		
6									
7									
8									
9									
10									
	C	10-14	NA	4			10-12 SAA		
11									
12							12-14 Orange-brown clayey SILT, high plasticity, moist.		
13									
14									
	D	14-18.3		4			14-18.3 SAA.		
15								SB-5 VOC PAH	15-16 13:40
16								SB-50 DUP VOC PAH	15-16 13:45
17									
18							Refusal at 18.3		
19									
20									

NOTES:

All PID readings are considered unreliable due to malfunctioning instrument.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-6**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 ___in.		*Screened Interval:*
Weather: sunny 60°	*Logged By:* SRD	*Date/Time Started:* 8/25 8:21	*Depth of Boring:* 17'
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:*	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA	5			0-0.5' Concrete and sub base		
							0.5-2' Brown SILT, some miscellaneous Fill, black and rusty red mottling, moist, stiff.		
1					1.4				
2							2-5' Orange brown clayey SILT, trace fine Sand, gray mottling, stiff, slightly moist.		
3					1.5				
4								SB-6 VOC, PAH, RCRA ME	3-4' 10:26
5									
	B	5-10	NA	5'	1.2		0.5' slough		
6							5-10' Same as above		
7									
8									
9					1.1				
10									
	C	10-14	NA	4			10-12' Same as above		
11					0.5				
12							12-14' Grades to Gray brown clayey SILT, some Gravel up to 0.03' subrounded to angular, wet, high plasticity, soft to very soft.		
13					0.9				
14									
	D	14-18.2		5'	0.9		14-15.5' Same as above		
15									
16					0.9		15.5-17' Gray brown SILT, some Gravel up to 0.1' subrounded to angular, trace fine to medium Sand, moist.		
17					0.7		Refusal at 17'		
18									
19									
20									

NOTES:

All PID readings are considered unreliable due to malfunctioning instrument.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-7**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 in.		*Screened Interval:*
Weather: sunny 61°	*Logged By:* SRD	*Date/Time Started:* 8/15 11:35	*Depth of Boring:* 18.8
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 12:15	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA	3			0-1' Concrete and sub base		
							1-2' Light brown fine to medium SAND, little Gravel up to 0.1' subrounded to angular.		
1					3.0				
2							2-3' Black/brown SILT, some Gravel, some Sand, slight odor, staining.		
					12*				
3							3-3.5' Orange brown clayey SILT, high plasticity to Gravel.		
							3.5-4' Coarse Gravel, stained black, moist to wet.		
4									
					11		4-5' Orange brown clayey SILT, some Gravel up to 0.1' subrounded to angular, moist.		
5									
	B	5-10	NA	5'			1' slough		
6					37.1		5-8' Olive brown fine to coarse SAND, some Gravel up to 0.2' rounded to angular, trace SILT, moist to wet, droplet of oil-like material at 7'		
7									
								SB7(7-8) VOC, PAH, RCRA ME, PCB	7-8 13:06
8					65				
							8-10' Orange brown clayey SILT, very stiff, moderate to low plasticity, slightly moist.		
9									
10					30				
	C	10-14	NA	5'			2.5' slough		
11							10-14' Same as above.		
					16.8				
12									
13					23.7				
14									
	D	14-18.8		5'			2.5' slough		
15							14-18.8' Gray clayey SILT, some Gravel up to 0.05' subrounded to angular, some fine to coarse Sand, soft, moist to wet, moderate plasticity.		
16					13.3				
17									
18									
					10.3				
19							Refusal at 18.8'		
20									

NOTES:

*Reading taken directly from soil as opposed to soil placed in a zip lock bag.

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-8**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 in.		*Screened Interval:*
Weather: sunny 61°	*Logged By:* SRD	*Date/Time Started:* 8/15 10:38	*Depth of Boring:* 18.2
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 11:04	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA	3			0-0.5' Concrete and sub base		
1							0.5-3' Brown fine to coarse SAND, little Gravel up to 0.03' subrounded to angular, moist.		
2					0.6				
3									
4							3-5' Blackish brown silty SAND, some Gravel up to 0.05', moist.		
5					2.9			SB8(4-5) VOC, PAH, RCRA ME, PCB	4-5' 11:40
6	B	5-10	NA	5'			0.6' slough 5-7' Same as above		
7					1.5		7-10' Orange brown clayey SILT, gray mottling, stiff, moderate plasticity, moist to dry.		
8									
9					0.9				
10									
	C	10-14	NA	4'	0.6		0.8' slough		
11							10-14' Same as above.		
12									
13					0.5				
14									
	D	14-18.2		4'			14-14.5' Same as above		
15					0.9		14.5-17.5' Grades to grayish brown SILT, some fine to coarse Sand, some Gravel up to 0.1' subrounded to angular, little Clay, saturated.		
16									
17							17.5-18.2' Orange brown clayey SILT, some Gravel up to 0.25' subrounded to angular, high plasticity, slightly stiff.		
18					0.8				
							Refusal at 18.2'		
19									
20									

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-9**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 ___in.		*Screened Interval:*
Weather: mostly cloudy 65°	*Logged By:* SRD	*Date/Time Started:* 8/23 15:15	*Depth of Boring:* 18.4
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 15:40	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	**MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)**	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA	3.6'			0-1 Asphalt and sub-base.		
1							1-3 Black coarse SAND and Gravel (misc. fill).		
2									
3							3-5 Brown fine to coarse SAND and Gravel up to 0.06', subrounded to angular.		
4									
5									
6	B	5-10	NA	4'			5-7 Brown fine to coarse SND and Gravel, up to 0.04', subrounded to angular, moist to wet, trace Silt.		
7							7-10 SAA, grades to saturated.		
8									
9									
10									
11	C	10-15	NA	3.4'			10-15 SAA		
12									
13									
14									
15	D	15-18.4	NA				15-18.2 SAA		
16									
17									
18							18.2-18.4 Gray to light gray silty CLAY with some Gravel up to 0.13', angular.	SB-9 VOC, PAH	17.5-18.4 15:58
19							Refusal (bedrock) at 18.4'.		
20									

NOTES:

No headspace readings due to malfunctioning PID.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

ENSR INTERNATIONAL

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-10**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 in.		*Screened Interval:*
Weather: mostly cloudy 80°	*Logged By:* SRD	*Date/Time Started:* 8/23 16:00	*Depth of Boring:* 17.5
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 16:16	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA	2.8	NA		0-0.5 Asphalt and sub-grade. 0.5-1 FILL, consisting of weathered concrete and sub-base. 1-5 Dark brown fine to corase SAND, some Gravel up to 0.04', subrounded to angular, moist, no odor.		
1									
2									
3									
4									
5									
6	B	5-10	NA	3.5	NA		5-10 Medium brown fine to coarse SAND, some Gravel up to 0.18', subrounded to angular, wet, no odor.		
7									
8									
9									
10									
11	C	10-15	NA	2.5	NA		10-15, SAA, saturated.		
12									
13									
14									
15									
16	D	15-17.5	NA	2.5	NA		15-17.5 Gray-brown silty SAND, some Gravel up to 0.1, subangular to angular, trace Clay. Grades to sandy SILT. Wet to 15.2, the wet to 17.5		
17								SB-10 VOC, PAH	17-17.5 16:30
18									
19									
20									

NOTES:
PID malfunctioning.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-11**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 in.		*Screened Interval:*
Weather: sunny 61°	*Logged By:* SRD	*Date/Time Started:* 8/25 13:33	*Depth of Boring:* 18.8
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 14:15	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA	2.5'			0-1' Concrete and sub base		
							1-5' Brown SILT with some Gravel up to 0.1' subrounded to angular, little Sand, stiff, moist to dry.		
1									
2					4.4				
3									
4					3.0*				
5									
	B	5-10	NA	4'			1' slough		
6					3.0		5-10' Brown fine to coarse SNAD, little fine to medium Gravel, wet to staurated.		
7									
8					3.6				
9									
10					2.3				
	C	10-14	NA	4.5'			1' slough		
11							10-14' Same as above, saturated from 10' to 11.5', Sand more coarse.		
12					3.9				
13									
14					4.6				
	D	14-18.8	NA	3'			0.5' slough		
15					1.3		14-15' Same as above		
							15-18' Gray clayey SILT, some Gravel up to 0.1' subrounded to angular, wet.		
16									
17									
18									
					5.8			SB-11 VOC, PAH	18-18.8' 15:00
19							Refusal at 18.8'		
20									

NOTES:

* very unreliable due to malfuctioning PID

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

ENSR INTERNATIONAL

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-12**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 ___in.		*Screened Interval:*
Weather: sunny 61°	*Logged By:* SRD	*Date/Time Started:* 8/25 14:30	*Depth of Boring:* 17.9'
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 14:56	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	**MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)**	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA	3'			0-1' Concrete and sub base 1-5' Brown fine to coarse SAND, some Silt, some Gravel , moist to wet.		
1									
2									
3									
4									
5									
	B	5-10	NA	4.5			0.5' slough 5-10' Same as above, wet to saturated		
6									
7									
8									
9									
10									
	C	10-14	NA	3			10-14 Same as above, saturated		
11									
12									
13									
14									
				2.5			0.5' Slough, some chunks of wood at the top of interval.		
15							14-18 Gray clayey SILT, some Gravel up to 0.1' rounded to subangular, some fine to medium Sand. Wet, with some staining at the top of the interval.	SB-12 VOC, PAH	14.5-15.5 15:48
16									
17									
18							Refusal at 17.9'		
19									
20									

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-13**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 1 in.		*Screened Interval:*
Weather: sunny 61°	*Logged By:* SRD	*Date/Time Started:* 8/25 15:50	*Depth of Boring:* 17.4
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 16:11	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0				2.5			0-1 Asphalt and sub-base.		
1							1-4 Orange-brown clayey SILT interbedded with miscelaneous Fill and Asphalt.		
2									
3									
4							4-5 Brown fine to coarse SAND, some Gravel up to 0.1', subrounded to angular. Moist.		
5									
6				2.5			5-10 SAA, lenses of orange-brown clayey SILT. Slight petroleum odor, moist to wet.		
7									
8									
9									
10									
11				4.7			10-10.5 Slough. 10.5-12 orange-brown SILT, some fine Sand, stiff, moderately plastic, slight solvent odor.		
12							12-14 Gray clayey SILT, some Gravel up to 0.15' subangular to angular, moist.		
13									
14									
15							14-15.7 Slough.		
16				2.4			15.7-17.4 Orange-brown SILT, some fine Sand, stiff, moderately plastic.		
17								SB-13 VOC, PAH, RCRA ME	17-17.4 15:48
18							Refusal at 17.4.		
19									
20									

NOTES:

PID readings directly from soil.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-16**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): 1" x 2' sampler	*Boring Diameter:* 1 ___in.		*Screened Interval:*
Weather: sunny 61°	*Logged By:* SRD	*Date/Time Started:* 8/24 13:15	*Depth of Boring:* 8.5
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 13:50	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-2	NA	1			0-0.5' Concrete		
					4.4		0.5-2' Brown sandy SILT	SB16(0.5-2)	0.5-2'
1								VOC	15:48
2	B	2-4	NA	0.6			0.45' slough		
					NA		2-8.5 Same as above		
3									
4	C	4-6'	NA	1.0					
					0.4			SB16(4-5)	4-5'
5								PAH	15:48
					0.9				
6	D	6-8	NA	1.7					
								SB16(6-7)	6-7'
7					1.0			PCB	15:48
8	E	8-10	NA	2	NA		1.75' slough		
							Refusal at 8.5'		
9									
10									
11									
12									
13							Samples for each parameter were taken at different depths due to limited amount of material at each depth interval. 2' x 1" samplers were utilized because they were easier to drive using the hand held jack hammer.		
14									
15									
16									
17									
18									
19									
20									

NOTES:

Boring was driven by hand held jack hammer, and ended at 10' because it would be too difficult to get the drive rods out from any deeper. NA for PID due to little actual recovery.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-17**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): 1" x 2' sampler	*Boring Diameter:* 1 in.		*Screened Interval:*
Weather: sunny 61°	*Logged By:* SRD	*Date/Time Started:* 8/24 14:00	*Depth of Boring:* 8
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 14:15	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-2	NA				0-0.5' Concrete		
							0.5-2' Brown sandy SILT, little Gravel, moist.		
1					0.9				
2	B	2-4	NA		0.9				
							2-4' Grayish brown sandy SILT, some Gravel up to 0.03' subrounded to angular, moist to wet.		
3					0.8				
4	C	4-6'	NA		2.5				
							4-6' Same as above, Gravel up to 0.1' subrounded to angular.		
5					1.1				
								SB17(5-6)	5-6'
6	D	6-8	NA		1.3			PCB	16:28
							6-8' Same as above.	SB17(6-7)	6-7'
7					5.6			VOC	16:28
								SB17(7-7.5)	7-7.5'
8	E	8-10	NA		1.4			PAH, RCRA ME	16:28
							Refusal at 8'		
9									
10									
11									
12									
							Samples for each parameter were taken at different depths due to limited amount of material at each depth interval.		
13							2' x 1" samplers were utilized because they were easier to drive using the hand held jack hammer.		
14									
15									
16									
17									
18									
19									
20									

NOTES:

Boring was driven by hand held jack hammer, and ended at 10' because it would be too difficult to get the drive rods out from any deeper. NA for PID due to little actual recovery.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-18**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 ___in.		*Screened Interval:*
Weather: sunny 65°	*Logged By:* SRD	*Date/Time Started:* 8/26 8:09	*Depth of Boring:* 20'
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 8:40	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA				0-1' void.		
1				2.5			1-5' no recovery (possibly due to a rock blocking the core). Interval was redrilled.		
							1-1.3' Pulverized brick and large Gravel (up to 0.1')		
2							1.3-1.5' Brown clayey SILT, little Gravel.		
							1.5-2.1' Black coarse SAND and Gravel, some Silt, staining, no odor.	SB18(2.5-3.5) VOC, PAH, RCRA ME,	2.5-3.5 9:19
3					1.4		2.1-5' Gray brown clayey SILT, little Gravel.		
4									
5									
	B	5-10	NA	5	1.0		5-10' Orange brown clayey SILT, little fine Sand, stiff, low plasticity, moist.		
6									
7									
					1.0				
8									
9									
					1.2				
10									
	C	10-15	NA	5			10-14.7 Same as above		
11									
12					0.9				
13					1.2				
14									
							14.7-15' Orange brown and gray silty CLAY, soft, high plasticity, moist.		
15					0.9				
	D	15-20	NA	2			15-15.7 Orange brown clayey SILT, moderately stiff, moist		
16					0.7		15.7-17 Gray silty CLAY, some Gravel up to 0.22', high plasticity, moist to wet.		
							16-16.5' Lens of brown/black coarse SAND, Gravel, slag, dry to moist.		
17					1.1				
18							Appears that the material from 17-20' fell out of the bottom of the sleeve. All recovered material is at the top of the sleeve.		
19					2.2				
20							Boring terminated at 20'.		

NOTES:

At the time of sampling, the PID was not fundtioning. Sample locations were based on observed staining. After the sample had been collected, a replacement PID arrived and readings were taken from soil that had been placed in zip lock bags.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-19**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 in.		*Screened Interval:*
Weather: sunny 65°	*Logged By:* SRD	*Date/Time Started:* 8/26 10:05	*Depth of Boring:* 20'
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 10:40	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA	3.5			0.18' Concrete 0.2-3' Brown SILT, some fine to coarse Sand, some Gravel up to 0.08' subrounded to angular, stiff, dry to moist.		
1					1.5				
2									
3							3-5' Black coarse SAND and Gravel (FILL)		
4					1.9				
5									
	B	5-10	NA	5'			5-6' Same as above		
6					2.1		6-6.5' Grades to dark gray SILT, little fine Sand, staining.		
7					1.5		6.5-10' Grades to Orange brown clayey SILT, stiff, little fine Sand, moist.		
8									
9					1.5				
10									
	C	10-15	NA	5'			10-15' Same as above, trace fine Sand, moderate plasticity.		
11					2.5		10-15' Orange brown clayey SILT, very stiff.		
12									
								SB19(12-13) VOC, PAH, RCRA ME, ME-MS/MSD	12-13' 11:09
13					2.8				
14									
15					1.4				
	D	15-20	NA	5					
16							15-20' Same as above, not as stiff, moderate to high plasticity, little Gravel.		
17					2.4				
18									
19					2.2				
20							Boring terminated at 20'.		

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

ENSR INTERNATIONAL

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-20**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 in.		*Screened Interval:*
Weather: sunny 65°	*Logged By:* SRD	*Date/Time Started:* 8/26 11:25	*Depth of Boring:* 20'
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 12:10	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA	3.5			0.25' Concrete		
							0.25-0.45' Brown SAND.		
1							0.45-3' Orange brown clayey SILT, stiff.		
					4.8				
2									
3							3-5' Black coarse SAND and Gravel (FILL) interbedded with SILT.		
					6.0				
4									
5					7.1			SB20(4-5) VOC, PAH, RCRA ME	4-5' 12:26
	B	5-10	NA	5'			5-5.8' Same as above		
6					3.7		5.8-6.3' Dark gray SILT, soft, stained, no odor.		
							6.3-10' Grades to Orange brown/Gray Brown SILT, some fine Sand, very stiff, moist to dry.		
7									
					1.8				
8									
9					1.4				
10									
	C	10-15	NA	5'			0.8' slough		
11					1.3		10-15' Orange brown clayey SILT, very stiff.		
12									
13									
					0.9				
14									
15					1.5				
	D	15-20	NA	4.5			15-20' Same as above (16.1-16.9' lens of coarse SAND and Gravel, black)		
16									
17					3.7				
18					2.4		18-20' Same as above, little fine Sand.		
19									
20							Boring terminated at 20'.		

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-21**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 ___in.		*Screened Interval:*
Weather: sunny 65°	*Logged By:* SRD	*Date/Time Started:* 8/26 13:45	*Depth of Boring:* 15'
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 14:20	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-3.2' Void (sump)		
1									
2									
3									
4	A	3.2-8.2	NA	3.5	10.4		3.2-5.2' Brown/black coarse Gravel and Sand (FILL), slag, moist to dry. Surface was wet and first couple tenths of a foot.	SB21(3.7-4.7) VOC, PAH, RCRA ME, VOC dup	3.7-4.7' 14:42
5									
6					5.0		5.2-5.7' Brown SILT, some Gravel and miscellaneous Fill. 5.7-6.2' Brown coarse SAND and Gravel.		
7							6.2-8.2' Dark gray SILT, possibly stained, little Clay.		
8					2.6				
9	B	8.2-13.2	NA	5	2.4		0.3' slough 8.2-13.2 Orange brown/Gray brown clayey SILT, some fine Sand, trace fine Gravel, stiff, moderate to low plasticity.		
10									
11									
12					3.0				
13					1.1				
14	C	13.2-18.2	NA	5	1.5		2.5' slough 13.2-18.2' Orange brown clayey SILT, moderate to high plasticity, plasticity increases with depth, moist.		
15									
16					1.0				
17									
18					1.3				
19							Boring terminated at 18.2' Boring in sump, first few feet are void so there is nothing to hold the rods as they come up.		
20									

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-22**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 ___in.		*Screened Interval:*
Weather: partly cloudy 76°	*Logged By:* SRD	*Date/Time Started:* 8/29 15:20	*Depth of Boring:* 20'
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 16:00	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA				0-0.5 Concrete		
							0.5-3 Brown fine to medium SAND, moist.		
1									
2									
3							3-5 Tan to gray-brown SILT, low plasticity, moist.		
4								SB-22 VOC, PAH, RCRA ME	3-5 16:20
5									
	B	5-10	NA				5-6 Gray fine to medium SAND		
6							6-6.5 Dark brown organic-rich SILT, chunks of wood.		
							6.5-7 Gray SILT, low plasticity, stiff, moist.		
7							7-10 SAA, grading to orange-brown SILT, low plasticity, stiff, moist.		
8									
9									
10									
	C	10-15	NA				10-10.5 Slough.		
11							10.5-15 SAA, trace fine Sand.		
12									
13									
14									
15									
	D	15-20	NA				15-16.8 Slough.		
16									
							16.8-18.5 SAA		
17									
18									
							18.5-20 SAA grading to orange-brown and gray silty CLAY, high plasticity. Moist.		
19									
20							Boring terminated at 20'.		

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-23**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 2 ___in.		*Screened Interval:*
Weather: sunny 60°	*Logged By:* SRD	*Date/Time Started:* 8/26 14:52	*Depth of Boring:* 20'
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 15:20	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5	NA	2.5			0-2' Void (sump)		
1									
2							2-4' Gray brown SILT, some Gravel, little fine to coarse Sand, moist.		
3									
					9.2			SB23(3-4) VOC, PAH, RCRA ME	3-4' 15:32
4							4-5' Orange brown SILT, little Gravel.		
5					2.3				
	B	5-10	NA	0			Material not recovered/ fell out of the sleeve.		
6							Material was quickly placed in a zip lock bag (approx. 8 oz.) and a PID reading was taken.		
7							5-10' Dark brown SILT and Gravel, some fine to coarse Sand, wet to saturated.		
					1.8				
8									
9									
10									
	C	10-15	NA	5			0.2' slough		
11					1.1		10-15' Orange brown clayey SILT, trace Gravel, stiff, moist, moderate to low plasticity.		
12									
13									
					1.7				
14									
15					2.0				
	D	15-20	NA	2.5			2.5' slough (scraped off sides on way down)		
16					1.9		15-20' Same as above, not as stiff, moderate to high plasticity.		
17									
18									
					1.0				
19									
20					2.1		Boring terminated at 20'		

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

ENSR INTERNATIONAL

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-24**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): 1" x 2' sampler	*Boring Diameter:* 1 in.		*Screened Interval:*
Weather: partly cloudy 76°	*Logged By:* SRD	*Date/Time Started:* 8/29 14:19	*Depth of Boring:* 20
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 14:45	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A			4.5	5.1		0-0.5 Concrete.		
1							0.5-4.8 Orange-brown clayey SILT with trace Gravel and gray mottling. Dry to moist, stiff, low plasticity.		
2					5.7			SB-24 VOC, PAH, RCRA ME	2-3 15:06
3									
4									
5					4.7		4.8-5 Fine to coarse brown SAND, some Gravel up to 0.02'.		
	B				4.4		5-5.3 Slough.		
6							5.3-6 SAA		
							6-7.3 Gray clayey SILT, trace Gravel, high plasticity, soft.		
7							7.3-10 Brown to black SILT, some fine to coarse Sand, piece of wood.		
8									
9					3.6				
10									
	C						10-10.3 SAA		
11					2.5		10.3-15 SAA grading to orange-brown clayey SILT with gray mottling, still, low to moderately plastic.		
							Trace fine Sand, moist.		
12									
13									
14					2.6				
15									
	D				3.3		15-16.1 SAA		
16							16.1-16.5 Cray clayey SILT, some fine to coarse Sand, little Gravel up to 0.02, soft, moist, high plasticity.		
							16.5-20 Orange-brown clayey SILT, little fine Sand, moderate to high plasticity.		
17									
					3.4				
18									
19									
20					3.1		Boring terminated at 20'.		

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-25**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): macrocore	*Boring Diameter:* 1 in.		*Screened Interval:*
Weather: partly cloudy 76°	*Logged By:* SRD	*Date/Time Started:* 8/29 12:38	*Depth of Boring:* 20
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 12:48	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-5		3			0-0.5 Concrete and sub-base.		
					2.0		0.5-4.8 Orange-brown clayey SILT, some gray-brown mottling, stiff, dry to moist.		
1									
2									
					2.4				
3									
4									
							4.8-5 Brownish-black SILT with some Gravel up to 0.25' subrounded to angular, little Sand.		
5								SB-25 VOC, PAH, RCRA ME, MS/MSD	5-7 15:06
	B	5-10		3			5-10 Gray-brown clayey SILT, some Gravel up to 0.1' subrounded to angular, little Sand, moist, soft.	SB-250 PAH	5-7 13:20
6					2.6				
7									
8									
9									
					2.6				
10									
	C	10-15		5			10-10.6 SAA		
11					2.1		10.6-15 Orange-brown clayey SILT, trace Gravel, moderate to low plasticity, little fine Sand, stiff.		
12									
					2.6				
13									
14					2.6				
15									
	D	15-20		3			15-20 Orange-brown clayey SILT, moderately stiff, little fine Sand.		
16					2.3				
17									
					1.8				
18									
19					2.3				
20							Boring terminated at 20'.		

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

ENSR INTERNATIONAL

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-26**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): 1" x 2' sampler	*Boring Diameter:* 1 ___in.		*Screened Interval:*
Weather: sunny 61°	*Logged By:* SRD	*Date/Time Started:* 8/24 14:30	*Depth of Boring:* 6
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 14:50	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-2	NA	1.8			0-0.5' Concrete 0.5-2' Brown clayey SILT, some fine to coarse Sand, little Gravel up to 0.1' subangular to angular, moist to wet.		
1					0.5				
2					0.8				
	B	2-4	NA	2			0.4' slough (saturated)		
3					1.5		2-4' Gray brown SILT, some fine to coarse Sand, little Gravel up to 0.05' subangular to angular, moist.		
4					3.2				
	C	4-6'	NA	2			4-6' Same as above.	SB-26 PAH	4.5-5 16:56
5					2.1				
								SB-26 VOC	5-6 16:56
6					5.1				
	D	6-8	NA	0			End of boring at 6' due to power loss.		
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

NOTES:

Boring was driven by hand held jack hammer, and ended at 10' because it would be too difficult to get the drive rods out from any deeper. NA for PID due to little actual recovery.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-27**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): 1" by 2' sampler	*Boring Diameter:* 1 in.		*Screened Interval:*
Weather: sunny 61°	*Logged By:* SRD	*Date/Time Started:* 8/24 9:38	*Depth of Boring:* 10
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:*	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-2					0-0.5 Concrete		
							0.5-2' Orange brown silty CLAY, high plasticity, stiff		
1									
2									
	B	2-4	NA	2	0.4		2-4' Same as above, gray mottling		
3									
					1.1				
4									
	C	4-6'	NA	2			4-6' Same as above	SB-27	4-5
5					0.4			PAH, RCRA ME	10:49
					1.2			SB-27	5-6
6					2.0			VOC	10:49
	D	6-8	NA	2			6-8' Same as above		
7					0.4				
					0.6				
8					0.6				
	E	8-10	NA	1.5			0.5' slough		
9					0.4		8-10' Same as above		
					0.4				
10					0.3		End of boring at 10'		
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

NOTES:

Boring was driven by hand held jack hammer, and ended at 10' because it would be too difficult to get the drive rods out from any deeper.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-28**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): 1" x 2' sampler	*Boring Diameter:* 1 in.		*Screened Interval:*
Weather: sunny 61°	*Logged By:* SRD	*Date/Time Started:* 8/24 8:15	*Depth of Boring:* 10
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 9:30	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-2	NA	1.3	7.3		0-0.5 Concrete 0.5-1' Dark gray silty CLAY, little Gravel up to 0.02' diameter, subangular to angular 1-2' Orange brown silty CLAY, very stiff, high plasticity		
1									
2	B	2-4	NA	1.7	195		2-4' Same as above, gray mottling		
3									
4	C	4-6'	NA	2	298		0.4' slough 4-6' Same as above	SB-28 VOC, PAH, RCRA ME	4-6 11:33
5									
6	D	6-8	NA	1.5	295		0.5' slough 6-8' Same as above		
7									
8	E	8-10	NA	1.5			Sleeve splintered, material un-useable. 8-10' Gray brown silty CLAY, moderately stiff, high plasticity		
9									
10							End of boring at 10'		
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

NOTES:

Boring was driven by hand held jack hammer, and ended at 10' because it would be too difficult to get the drive rods out from any deeper.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-29**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): 1" x 2' sampler	*Boring Diameter:* 1 in.		*Screened Interval:*
Weather: sunny 61°	*Logged By:* SRD	*Date/Time Started:* 8/24 11:05	*Depth of Boring:* 10
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 11:30	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-2	NA	2			0-0.5 Concrete		
					0.6		0.5-2' Orange brown clayey SILT, stiff, high plasticity	SB-29 VOC, PAH, RCRA ME	0.5-2 12:34
1					0.9				
					1.2				
2	B	2-4	NA	2			2-4' Orange brown silty CLAY, stiff, moderate plasticity		
					1.0				
3					0.8				
					0.7				
4	C	4-6'	NA	2			4-6' Same as above, high plasticity, not as stiff		
					0.6				
5									
					0.5				
6	D	6-8	NA	2			6-8' Same as above		
					0.5				
7									
					0.4				
8	E	8-10	NA	2			1.1 slough		
							8-10 Same as above		
9					0.2				
10							End of boring at 10'		
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

NOTES:

Boring was driven by hand held jack hammer, and ended at 10' because it would be too difficult to get the drive rods out from any deeper.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

Client: AmeriPride	*Project:*		**BORING ID:**
Project Number: 10770-001			**SB-30**
Site Location: Buffalo			
Coordinates:	*Elevation:*		*Sheet:* 1 *of* 1
Drilling Method: Geoprobe			*Monitoring Well Installed:* N
Sample Type(s): 1" x 2' sampler	*Boring Diameter:* 1 in.		*Screened Interval:*
Weather: sunny 61°	*Logged By:* SRD	*Date/Time Started:* 8/29 11:05	*Depth of Boring:* 9.5
Drilling Contractor: Zebra	*Ground Elevation:*	*Date/Time Finished:* 11:30	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0	A	0-2	NA	0.4	16.7		0-2 Light brown to orange-brown silty CLAY, moist to wet, moderate petroleum odor.		
1									
2	B	2-4	NA	1.9	3.3		2-4 Orange-brown silty CLAY, wet, slight odor, soft.	SB-30 VOC, PAH, RCRA ME	2-3 11:13
3					3.0				
4	C	4-6'	NA	2	2.8		4-6 Gray-brown silty CLAY, moist to wet, soft.		
5									
6	D	6-8	NA	1.2	2.3		6-8 SAA< trace Gravel up to 0.02.		
7									
8	E	8-9.5	NA	2	2.6		8-9.5 SAA, some Gravel up to 0.05 subrounded to angular, some fine to coarse Sand, soft to firm.		
9									
10							End of boring at 10'		
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

NOTES:

Boring was driven by hand held jack hammer, and ended at 10' because it would be too difficult to get the drive rods out from any deeper.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Appendix B

Supplemental Boring Logs

ENSR INTERNATIONAL

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-31**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe		*Monitoring Well Installed:*	N
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 2 ___in.	*Screened Interval:*	
Weather: Overcast 30 F	*Logged By:* KDR	*Date/Time Started:* 12/01/05	*Depth of Boring:* 18.5'
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/01/05	*Water Level:* 13'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-0.25' Asphalt		
							0.25 - 3.5' f. SAND, little Silt, little c. Gravel, (FILL: includes brick fragments, clinker, wood fragments).		
1					0.6				
2					0.5				
3					0.1				
4	A	0-4	N/A	4	0.1		3.5-4.0' Organic SILT, little f-m SAND; tr. Gravel.		
							4.0-8.0' Grey brown to red CLAY; some Silt; moderate plasticity		
5					0.8				
6					0.7				
7					0.7				
8	B	4-8	N/A	3.5	0.8				
							8.0-11.0' Same as above.		
9					1.1				
10					1.0				
11	C	8-11	N/A	3	1.2				
							Grey CLAY; some Silt, moderate plasticity. Wet at 13'.		
12					1.0				
13	D	11-13	N/A	2	0.5				
							Same as above to 15.5'.		
14					0.6			SB-31 (13-16')	
15					0.4				
16	E	13-16	N/A	2.5	0.3		15.5 - 16.0' f-m SAND; little Silt; little Clay; little Gravel.		
17								SB-31 (16-18.5')	
18									
	F	16-18.5	N/A	2.0			16-18.5' Same as Above.		
19									
20									

NOTES:

Probe refusal at 18.5 ft. Duplicate sample SB-99(16-18.5') collected of SB-31(16-18.5') at t=11:15

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

ENSR INTERNATIONAL

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-32**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe		*Monitoring Well Installed:*	N
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 2 ___in.	*Screened Interval:*	
Weather: Overcast 30 F	*Logged By:* KDR	*Date/Time Started:* 12/01/05	*Depth of Boring:* 17'
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/01/05	*Water Level:* 12.5'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-0.25' - Asphalt		
							0.25-4' f. SAND; little Silt; little coarse Gravel (FILL: includes brick fragments, wood, clinker). Damp,		
1					0.8		no odor, no staining.		
2					0.7				
3					0.4				
4	A	0-4	N/A	2.7	0.8				
							4-8' dark gray SILT; some Clay; trace c. Sand, trace f. Gravel. Damp, no odor, no staining.		
5					0.7				
6									
7					0.7				
8	B	4-8	N/A	1.5	0.7				
							8-11' No recovery.		
9									
10									
11	C	8-11	N/A	0					
					0.6		11-13' Red brown, CLAY; little/some Silt; (FILL: includes wood and plastic).		
12					0.5				
					0.4		Wet at 12.5'.		
13	D	11-13	N/A	2.0	0.8			SB-32 (12.5-13)	
							Same as above to 15.5'.		
14					0.8				
15					0.9				
16					1.0		15.5-17' f-m SAND; little Silt; little Clay; tr. c. Gravel (gray).		
17	E	13-17	N/A	2.5	1.1			SB-32 (17)	
18									
19									
20									

NOTES:
Probe refusal at 17 ft.

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-33**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe		*Monitoring Well Installed:*	N
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 2 ___in.	*Screened Interval:*	
Weather: Overcast 30 F	*Logged By:* KDR	*Date/Time Started:* 12/01/05	*Depth of Boring:* 17'
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/01/05	*Water Level:*

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-0.25' Asphalt.		
							0.25-4' Brown f. SAND; little Silt; little c. Gravel. (Fill: includes brick fragments). Damp, no odor,		
1					0.5		no staining.		
2					0.4				
3					0.6				
4	A	0-4	N/A	4	0.3				
							4-8' Red brown CLAY; some Silt, tr. f. Gravel; tr. f. Sand. Grey mottling, damp.		
5					0.4				
6					0.3				
7					0.3				
8	B	4-8	N/A	2.5	0.4				
					0.5		8-11' Same as above.		
9									
					0.4				
10									
					0.3				
11	C	8-11	N/A	3	0.2				
					0.5		11-13' Same as above.		
12									
					0.6				
13					0.5				
							13-14' Olive green/grey CLAY; some Silt; little f. Sand; tr. f. Gravel.	SB-33(13-14')	
14	D	11-14	N/A	3	0.5				
							14-17' Brown gray,		
15									
16									
								SB-33(16-17')	
17	E	14-17	N/A	3					
18									
19									
20									

NOTES:

Probe refusal at 17 ft. Additional sample volume collected for sample SB-33(16-17') for MS/MSD.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

ENSR INTERNATIONAL

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-34**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe		*Monitoring Well Installed:*	N
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 2 ___in.	*Screened Interval:*	
Weather: Overcast 30 F	*Logged By:* KDR	*Date/Time Started:* 12/01/05	*Depth of Boring:* 17.5'
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/01/05	*Water Level:* 10.5'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-0.25' Asphalt		
1					0.5		0.25-4' Brown to black f. SAND; little Silt; tr. Clay; tr. C. Gravel. (Fill: includes brick fragments), damp,		
							no odor, no staining.		
2					1.2				
3					0.9				
4	A	0-4	2.5	N/A	0.6				
							4-8' Red brown to grey, CLAY; some Silt; little f. Sand; tr. f. Gravel. No odor no staoining.		
5					0.5				
6					0.4				
7					0.9				
8	B	4-8	3	N/A	1.3				
					1.6		8-10.5' Same as above.		
9					1.2				
10					0.3				
							10.5-11' Olive green to grey CLAY; some Silt; little fine Sand; tr. f-m Gravel. Wet.		
11	C	8-11	2.5	N/A	0.5				
					0.5		11-14' Grey olive green CLAY; some Silt; little f. Sand;		
12					0.8				
13					0.9				
14	D	11-14	3	N/A	0.7				
							14-16.5' Same as above.		
15									
16									
							16.5-17.5' Grey SILT; Some Clay; little Sand; tr. C. Gravel. Wet.		
17									
	E	14-17.5	N/A	N/A	NA			SB-34 (17-17.5')	
18									
19									
20									

NOTES:
Probe refusal at 17.5'.

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

N/A

ENSR INTERNATIONAL

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-35 (MW-1)**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe with 4.25" Hollow Stem Auger		*Monitoring Well Installed:*	Y
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 7 in.	*Screened Interval:*	17-7
Weather: Overcast, sleet and snow.	*Logged By:* KDR	*Date/Time Started:* 11/30/05	*Depth of Boring:* 17'
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 11/30/05	*Water Level:* 13'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-0.25' Asphalt		
							0.25- 2.5' SAND; little Gravel; lillle Silt (Fill). Damp.		
1					0.3				
2					0.3				
							2.5-4' Red brown SILT; some fine Sand; little Clay. Damp, no odor, no staining.		
3					0.4				
4	A	0-4	N/A	3.5	0.3				
					0.3		4-7' Red brown CLAY; some Silt; tr. f. Sand; tr. c. Sand; moderate plasticity. Damp, no odor, no staining.		
5									
					0.3				
6									
					0.5				
7	B	4-7	N/A	3.5	0.6				
							7-9' Red brown CLAY; tr. Silt; tr. F. Sand (lenses); moderate plasticity. No odor, no staining.		
8									
9	C	7-9	N/A	2.0	N/A				
					0.5		9-11' Same as above. Very soft at 11'. No odor no staining.		
10					0.6				
					0.6				
11	D	9-11	N/A	2.5	0.5				
							11-12' no recovery		
12									
					0.4		12-14' Red brown CLAY; some Silt; tr. C. Sand. Saturated, no odor, no staining.		
13					0.5				
14	E	11-14	N/A	0.9	0.6				
					0.7		14-15' Same as above.		
15									
					0.5		15-16' Red SILT; some Clay; little m. Sand; little c. Gravel. Very soft. Non-plastic	SB-35(15-16')	
16	F	14-16	N/A	2	0.4				
17							Augered to 17' to allow for well installation.		
18									
19									
20									

NOTES:
Probe refusal at 16 ft. Augered to 17 ft. for well installation.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

ENSR INTERNATIONAL

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-36**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe		*Monitoring Well Installed:*	N
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 2 ___in.	*Screened Interval:*	
Weather: Overcast 30 F	*Logged By:* KDR	*Date/Time Started:* 12/01/05	*Depth of Boring:* 14
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/01/05	*Water Level:* 7.5'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							1-0.25' Asphalt		
							0.25-1.5' Black f. SAND; little Silt; little Clay; little c. Gravel (Fill). Wet		
1					0.8				
							1.5-4' Red brown CLAY; some Silt; little f. Sand; tr. f. Gravel. Damp, no odor, no staining.		
2					0.7				
3					0.6				
4	A	0-4	N/A	2	0.5				
					0.5		4-7' Same as above.		
5									
					1.1				
6									
					0.9				
7	B	4-7	N/A	3	0.8				
							7-7.5' Same as above.		
8					0.7		7.5-9' Coarse SAND; some f. Sand; tr. Silt. Saturated.		
					0.6				
9	C	7-9	N/A	2	0.6				
							9-9.5' Same as above.		
10					0.8		9.5-13' Grey brown CLAY; some Silt. Saturated. Soft.		
11					0.7				
					0.4				
12					0.3				
					0.5				
13	D	9-13	N/A	4	0.6				
							13-13.5' Same as above.	SB-36(13-14')	
14	E	13-14	N/A				13.5-14' Gray SILT; some Clay; some Sand, tr. c. Gravel.		
15									
16									
17									
18									
19									
20									

NOTES:
Probe refusal at 14 ft.

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-38**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe		*Monitoring Well Installed:*	N
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 2 ___in.	*Screened Interval:*	
Weather: Overcast 30 F	*Logged By:* KDR	*Date/Time Started:* 12/01/05	*Depth of Boring:* 19
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/01/05	*Water Level:* 12.5

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-0.25' Asphalt		
1					0.5		0.25-4' SAND, tr. Silt, tr. Gravel. (FILL: includes brick fragments), well graded.		
2					1.1				
3					1.3				
4	A	0-4	N/A	3.25	1.2				
							4-8' Red brown CLAY; some Silt; tr. f. Sand; tr. Grevel. Moderate plasticity.		
5					0.6				
6					1.0				
7					0.9				
8	B	4-8	N/A	3	0.8				
							8-10' Same as above.		
9					0.7				
10	C	8-10	N/A	1	0.6				
							10-15' Grey/olive green Clay; some Silt; tr. f. Sand; tr. Gravel. Moderate plasticity.		
11									
12	D	10-12	N/A	0.5	0.3				
							12-12.5' Same as above.		
13					0.5				
14	E	12-14	N/A	4	0.7				
					0.6		12.5-16' Red Grey Clay; some Silt; trace fine Gravel. Saturated, soft, non-plastic.		
15					0.8				
16	F	14-16	N/A	N/A	0.9				
							16-19' Grey f. SAND; some Clay; little Silt; little c. Sand; tr. c. Gravel. Saturated.		
17					0.5				
18					0.4				
19	G	16-19	N/A	1	0.9			SB-38 (18-19')	
20									

NOTES:
Probe refusal at 19 ft.

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

N/A

ENSR INTERNATIONAL

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-39 (MW-2)**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe with 4.25" Hollow Stem Auger		*Monitoring Well Installed:*	Y
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 7 ___in.	*Screened Interval:*	19-9'
Weather: Overcast, sleet and snow.	*Logged By:* KDR	*Date/Time Started:* 12/7/05	*Depth of Boring:* 19
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/7/05	*Water Level:* 12'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	**MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)**	Lab Sample ID	Lab Sample Depth
0							0-0.25' Asphalt		
					1.3		0.25- 1' Black to brown SAND and GRAVEL; well graded, wet, no odor.		
1					1.5				
							1-4' Red grey brown CLAY; some Silt; trace f. Sand, damp.		
2					4.2				
3					4.3				
4	A	0-4	N/A	4	5.1				
					1.2		4-7' Same as above.		
5									
					1.9				
6					2.1				
7	B	4-7	N/A	3	2.5				
					1.8		7-9' Same as above.		
8					1.9				
9	C	7-9	N/A	2	1.4				
							9-9.5' Same as above.		
10					1.9		9.5' Color change to olive green/brown.		
11	D	9-11	N/A	2	1.8				
							11-13' Same as above. Wet at 12'.		
12					1.9				
13	E	11-13	N/A	2	1.7		Saturated at 13'.		
							13-15' Same as above. Saturated.	SB-38(13-14')	
14					2.1				
15	F	13-15	N/A	2	2.5		15-18' Same as above.		
					4.3				
16									
					2.1				
17					2.4				
18					1.9				
							18-19' Same as above; tr. fine Gravel.	SB-38(18.5-19')	
19	G	15-19	N/A	4	1.8				
20									

NOTES:

Probe refusal at 19 ft. Augered to 19 ft. for well installation.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-40**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe		*Monitoring Well Installed:*	N
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 2 ___in.	*Screened Interval:*	
Weather: Sunny 17 F, very strong wind	*Logged By:* KDR	*Date/Time Started:* 12/07/05	*Depth of Boring:* 18'
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/07/05	*Water Level:* 12'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-1' Asphalt with Gravel sub-base.		
					1.2		GRAVEL and SILT; trace to little f. SAND; (FILL). damp to wet.		
1									
					1.4				
2									
					6.5				
3									
4	A	0-4	N/A	2.5	5.4				
					9.8		4-8' Red brown CLAY; some Silt; stiff, tight, damp.		
5							Faint hydrocarbon-like odor, no staining.		
					11.3				
6									
					1.2				
7									
8	B	4-8	N/A	3	1.4				
					12.8		8-11' Red Brown CLAY; little Silt. Stiff, damp.		
9							faint hydrocarbon-like odor, no staining/		
					10.8				
10									
					15.2				
11									
12	C	8-12	N/A	1			Saturated at 12'.		
					35.8		Same as above, faint odor.		
13								SB-40 (12-14')	
					52.2				
14	D	12-14	N/A	2	32.3				
					35.6		Same as above, faint odor.		
15								SB-40 (14-16')	
					28.2				
16	E	14-16	N/A	2	25.4				
					5.2		Same as above.		
17					1.3				
18	F	16-18	N/A	1	9.2				
19									
20									

NOTES:

Probe refusal at 18 ft. Per KDR's instructions, stratigraphy below 4 ft. obtained from adjacent boring (see log for SB-41).

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

N/A

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-41 (MW-3)**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe with 4.25" Hollow Stem Auger		*Monitoring Well Installed:*	Y
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 7 ___in.	*Screened Interval:*	17.2-7.2'
Weather: Overcast, sleet and snow 30 F.	*Logged By:* KDR	*Date/Time Started:* 11/30/05	*Depth of Boring:* 18'
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 11/30/05	*Water Level:* 14'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-1' Asphalt with Gravel sub-base, damp.		
							1-2' CLAY and SILT; trace-little f. Sand; CLAY Silt trace little f. Sand. Damp to wet.		
1							No odors, no staining.		
2									
							2-4' Wood debris (FILL), trace Sand, damp.		
3									
4	A	0-4'	N/A	4					
							4-8' Red brown CLAY; some Silt; stiff, tight, damp. No odor.		
5							Grey/beige mottling between 5 and 7 ft. bgs.		
6								SB-41(5-7')	
7									
8	B	4-8	N/A	4					
							8-11' Red Brown CLAY; little Silt. Stiff damp, no odor.		
9									
10									
11	C	8-11	N/A	2.5					
							11-13' Same as above.		
12									
13	D	11-13	N/A	1.1					
							13-16' Same as above. Saturated at approx. 14'.		
14					0.8				
15									
					1.1				
16	E	13-16	N/A	2	1.2				
							16-18 Same as above.		
17					0.9				
					0.8			SB-41 (17-18')	
18	F	16-18	N/A	1.1	0.5				
19									
20									

NOTES:

Probe refusal at 18 ft. Augered to refusal at 17.2 ft. for well installation.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-42**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe		*Monitoring Well Installed:*	N
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 2 ___in.	*Screened Interval:*	
Weather: Overcast 30 F	*Logged By:* KDR	*Date/Time Started:* 12/08/05	*Depth of Boring:* 20'
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/081/05	*Water Level:* 17'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-0.3' Concrete		
							0.3-0.6' SAND and GRAVEL, well graded, no odor, no staining.		
1							0.6 -4' Red brown CLAY; some Silt; tr. f. Sand; tr. Gravel. No odor, no staining.		
2									
3									
4	A	0-4	N/A	2.5	N/A				
							4-8' Black SAND and GRAVEL; trace Silt; trace Clay; well graded. Damp, no odor, no staining.		
5									
6									
7									
8	B	4-8	N/A	1.5	N/A				
							8-11' Grey CLAY; little SILT, tr. f.. Sand; tr. Gravel. Moderate plasticity.		
9									
10									
11							11-12' Same as above, color change to red brown.		
12	C	8-12	N/A	3	N/A				
							12-14' Same as above.		
13									
14	E	12-14	N/A	2	N/A				
15									
16								SB-42 (16-16.5')	
17	F	14-17	N/A	N/A	N/A		Saturated at 17'.		
							Same as above to 20'.		
18									
19									
20								SB-42 (19-20')	

NOTES:

Boring terminated at 20 ft. bgs. Sample SB-100(19-20') collected as duplicate of SB-42(19-20) at t=9:10.

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

N/A

ENSR INTERNATIONAL

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-43 (MW-4)**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 of 1	
Drilling Method: GeoProbe with 4.25" Hollow Stem Auger		*Monitoring Well Installed:*	Y
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 7 in.	*Screened Interval:*	17-7'
Weather: Overcast, 17 F Strong wind.	*Logged By:* KDR	*Date/Time Started:* 12/7/05	*Depth of Boring:* 17
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/7/05	*Water Level:* 8'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-0.5' Concrete		
1					2.3		0.5-4' Brown f. - m. SAND; tr. c. Sand; tr. c. Gravel. Wet, no odor, no staining.		
					5.2				
2					4.2				
3					4.3				
4	A	0-4	N/A	3	5.1				
							Same as above.		
5					4.8				
6					5.1				
7					5.1				
8	B	4-8	N/A	2.5	5.2			SB-43 (7.5-8')	
							Same as above. Groundwater encountered between 8 and 8.5'.	SB-43 (8-8.5')	
9					4.8				
10					4.9				
11					5.2				
12	C	8-12	N/A		5.5				
							Same as above.		
13					6.3				
14					5.2				
15	D	12-15	N/A		5.1				
							Same as above.		
16					2.9				
					2.8				
17	E	15-17	N/A		5.4				
18									
19									
20									

NOTES:

Probe refusal at 17 ft. Augered to 17 ft. for well installation.

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

ENSR INTERNATIONAL

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-44**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe		*Monitoring Well Installed:*	N
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 2 ___in.	*Screened Interval:*	
Weather: Sunny, 17 F, strong wind	*Logged By:* KDR	*Date/Time Started:* 12/07/05	*Depth of Boring:* 17.5
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/07/05	*Water Level:* 11

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	**MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)**	Lab Sample ID	Lab Sample Depth
0									
1									
2									
3									
4	A	0-4	N /A				Red brown CLAY; some Silt. No staining, no odor.		
5									
6									
7	B	4-7	N /A				Same as above.		
8									
9	C	7-9	N /A				Same as above.		
10									
11	D	9-11	N /A				Same as above. Groundwater encountered between 11 and 12 ft.	SB-44(11-12')	
12									
13									
14	E	11-14	N /A				Same as above.		
15									
16									
17	F		N /A					SB-44(17-17.5')	
18									
19									
20									

NOTES:
Probe refusal at 17.5 ft.

Checked by _____ Date:_____

Date	Time	Depth to groundwater while drilling

ENSR INTERNATIONAL

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-45 (MW-5)**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe and 4.25" Hollow stem auger		*Monitoring Well Installed:*	Y
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 7 ___in.	*Screened Interval:*	20-10'
Weather: Sunny 15 F	*Logged By:* KDR	*Date/Time Started:* 12/08/05	*Depth of Boring:* 20'
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/08/05	*Water Level:* 15.5'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-0.5' Concrete		
1							0,.5-1.5' Well graded SAND; trace Silt; trace Clay. No odors, no staining.		
2							1.5-4' Grey CLAY and SILT; trace Sand. (Fill: includes brick and glass).		
3									
4	A	0-4	N/A	3	*				
5							4-7' Same as above.		
6									
7							7-8' Grey brown Clay; little to some Silt; trace f. Sand; tace Gravel. Slightly plastic.		
8	B	4-8	N/A	4	*				
9							8-12' Same as above.		
10									
11							Color change to red grey at 11 ft.		
12	C	9-12	N/A	2.5	*				
13							Same as above. White staining between 12.5 and 14'.	SB-45 (12.5-14')	
14	D	11-14	N/A	3	*				
15							14-17' Red grey CLAY; little to some Silt; trave f. Sand; trace Gravel. Moderate plasticity, wet at 15.5-16'.		
16									
17	E	14-17	N/A	N/A	*				
18							Same as above. Saturated.		
19									
20	F	17-20	N/A	N/A	*		Boring terminated at 20 ft.	SB-45 (18-20')	

NOTES:

* - PID non-responsive.

terminated at 20 ft.

Boring

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-46**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe		*Monitoring Well Installed:*	N
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 2 ___in.	*Screened Interval:*	
Weather:	*Logged By:* KDR	*Date/Time Started:* 12/2/05	*Depth of Boring:* 20'
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/02/05	*Water Level:* 17'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-0.2' Concrete		
							0.2-4' CLAY; some Silt; little f. Sand; little f. Gravel (Fill; includes wood). Moderate solvent-like odor.		
1					25.3				
2					22.1				
								SB-46(2-3')	
3					19.3				
4	A	0-4	N/A	3	30.1				
							4-8' Grey black CLAY; some Silt; trace f. Sand; damp, no odor, no staining.		
5					1.9				
6					2.3				
7					2.2				
8	B	4-8	N/A	3	2.4				
							8-12' Same as above. No odors, no staining.		
9					1.6		Color change to red brown at approx. 9 ft.		
10					2.1				
11					1.7				
12	C	8-12	N/A	2.5	2.3				
							Same as above.		
13					1.5				
					1.4				
14	D	12-14	N/A	1.5	1.6				
					2.3		Same as above.		
15					2.5				
16	E	14-16	N/A	2	1.4				
							Same aa above.	SB-46 (16-17')	
17					1.7				
					1.6		Saturated at 17'		
18	F	16-18	N/A	2	1.3				
							No recovery.		
19									
20	G	18-20	N/A	0	N/A				

NOTES:
Boring terminated at 20 ft.

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

ENSR INTERNATIONAL

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-47**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe		*Monitoring Well Installed:*	N
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 2 ___in.	*Screened Interval:*	
Weather: Overcast 20 F	*Logged By:* KDR	*Date/Time Started:* 12/02/05	*Depth of Boring:* 20'
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/02/05	*Water Level:* 14'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-0.5' Concrete.		
							0.5-4' Grey black, CLAY; some Silt; little f. Sand; trace f. Gravel. No odor, no staining.		
1					1.5				
2					1.3				
3					1.1				
4	A	0-4	N/A	3.5	1.0				
							4-8' Grey brown CLAY; xome Silt; little f. Sand; trace f. Gravel. No odors, no staining.		
5					1.5				
6					1.0				
7					1.2				
8	B	4-8	N/A	3.5	1.2				
					0.9		8-12' Same as above.		
9					1.1				
10					1.3				
11					1.5				
12	C	8-12	N/A	3.5	1.3				
							12-14' Same as above. Wet at 14'.		
13					1.0				
14	D	12-14	N/A	2	1.1 1.3				
							Same as above. Wet at 14'. Saturated at 17'.		
15					0.9				
16					1.1 1.3			SB-47(16-17')	
17	E	14-17	N/A	3	1.4				
							17-18' Same as above.		
18					1.5				
19					1.3 1.2		18-20' Olive grey f. SAND; some Silt; little Clay; little m. Sand; tr. f-m. Gravel.		
20	F	17-20	N/A	4	0.9			SB-47 (19-20')	

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-48**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe		*Monitoring Well Installed:*	N
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 2 ___in.	*Screened Interval:*	
Weather: Overcast 26 F	*Logged By:* KDR	*Date/Time Started:* 12/02/05	*Depth of Boring:* 19.8'
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/02/05	*Water Level:* 14'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-0.5' Concrete.		
1					16		0.5-4' Brown black CLAY; some Silt; trace f. Sand (Fill: includes wood fragments). Moderate Hydrocarbon odor. Damp.		
2					14.5			SB-48 (1.5-2')	
3					17.3				
4	A	0-4	N/A	2	18.2				
5					1.8		4-8' red gray CLAY; some Silt; trace f. Sand;. No odor.		
6					1.9				
7									
8	B	4-8	N/A	1	1.6				
9							8-12' Grey/Olive green CLAY; some Silt; trace f. Sand.		
10					1.1				
11					1.3				
12	C	8-12	N/A	1.5	1.5				
13					4.2		12-14' Grey CLAY; some Silt; trave f. Sand. Wet at 14'.		
14	D	12-14	N/A	2	0.9 1.5 1.6				
15					1.3 1.2		14-17' Same as above. Saturated at 15'.	SB-48(14-15')	
16					1.1				
17	E	14-17	N/A	3	0.8				
18							17-18.5' Same as above.		
19							18-19.8' f. SAND; some Silt; little Clay; little m. Sand; tr. f-m. Gravel.		
20	F	17-19.8	N/A	NR	NR		Probe refusal at 19.8 ft.		

NOTES:

NR - Not Recorded

ft.

Probe refusal at 19.8

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-49**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe		*Monitoring Well Installed:*	N
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 2 ___in.	*Screened Interval:*	
Weather:	*Logged By:* KDR	*Date/Time Started:* 12/02/05	*Depth of Boring:* 19.5'
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/02/05	*Water Level:* 13'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-0.5' Concrete		
1							0.5-4' SILT; soeme Clay; little Sand; trace Gravel (Fill; includes wood fragments). No odor, no staining.		
2									
3									
4	A	0-4	N/A	2.5	NR				
							4-8' Brown (mottled with grey) CLAY; some Silt; trace to little f. Sand; trace f. Gravel. Damp, no odor,		
5					1.5		no Staining.		
6					1.3				
					1.6				
7					1.8				
8	B	4-8	N/A	3.5	1.7				
					1.2		8-11' Olive Gren CLAY; some Silt; trace to little f. Sand; trace f. Gravel. Damp, no odors, no staining.		
9					1.3				
10					1.4				
11	C	8-11	N/A	2.5	4.3				
							11-13' Olive green to grey CLAY; some Silt; trace f. Sand. Wet at 13'. Slight hydrocarbon odor.		
12					24.8				
					25.6			SB-49(12-13')	
13	D	11-13	N/A	2	30.1				
							13-17' Red grey CLAY; some Silt; little f. Sand; trace f. Gravel. Slight hydrocarbon odor at 13-13.5'.		
14					9.8				
15					1.5				
16					1.8		Saturated at 16'.		
								SB-49(16-17')	
17	E	13-17	N/A	3	1.2				
							17-18' Red Grey CLAY; some Silt; trace f. Sand; trace f.- m. Gravel.		
18					1.5				
					1.2		18-19.5' Grey f. SAND; Some Silt; little Clay; little m. Sand; trace f-m. Gravel.		
19					1.3				
	F	17-19.5	N/A	2.5	1.2		Probe refusal at 19.5'.		
20									

NOTES:

NR - Not recorded.

ft.

Probe refusal at 19.5

Date	Time	Depth to groundwater while drilling

Checked by _____ Date:_____

Soil Boring Log

Client: AmeriPride	*Project:* Buffalo, New York	**BORING ID:**	
Project Number: 10770-001		**SB-50 (MW-6)**	
Site Location: 8 Lord Street			
Coordinates:	*Elevation:*	*Sheet:* 1 *of* 1	
Drilling Method: GeoProbe and 4.25" Hollow stem auger		*Monitoring Well Installed:*	Y
Sample Type(s): 2" by 4' MacroCore	*Boring Diameter:* 7 ___in.	*Screened Interval:*	17.2-7.2
Weather: Sunny 15 F	*Logged By:* KDR	*Date/Time Started:* 12/01/05	*Depth of Boring:* 19
Drilling Contractor: Nothnagle Drilling	*Ground Elevation:*	*Date/Time Finished:* 12/01/05	*Water Level:* 15.5'

Depth (feet)	Geologic sample ID	Sample Depth (ft)	Blow Count (per 6-inches)	Recovery (ft.)	(Headspace (ppmv)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth
0							0-0.25' Asphalt		
1							0.25-4' Sand and Gravel, well graded, (Fill). Damp to moist, no odors, no staining.		
2					0.5				
3					0.6				
4	A	0-4	N/A	1	0.6				
							4-8' Grey CLAY; some Silt; trace f. Sand. Stiff, damp, no odors, no staining.		
5					0.7				
6					0.7				
							Color grades to red brown with grey mottling.		
7					0.6				
8	B	4-8	N/A	2.5	0.7				
							8-11' Red brown CLAY; some Silt; trace f. Sand, damp, stiff.		
9					0.8				
10					0.8				
					0.7				
11	C	8-11	N/A	4	0.6				
					0.8		11-13' Red brown grading to grey CLAY; some Silt; trace f. Sand. Stiff.		
12					0.9				
					0.7				
13	D	11-13	N/A	3.5	0.4				
							13-16' Soft, Grey CLAY; some Silt; trace f. Sand.		
14					0.9				
15					0.8			SB-50 (12-16')	
					1.1				
16	E	13-16	N/A	1	1.0				
							16-18' Grey SILT; some Clay; little c. Gravel; little c. Sand. Saturated.		
17									
18	F	16-18	N/A	2.5					
					1.1		18-19' Gray f. SAND; some Silt; little c. Gravel; little c. Sand.	SB-50(17-19')	
19	G	18-19	N/A	1.0	1.3				
20									

NOTES:

Probe refusal at 19 ft. Augered to refusal at 17.2 ft. for well installation.

Checked by _____ Date:_____

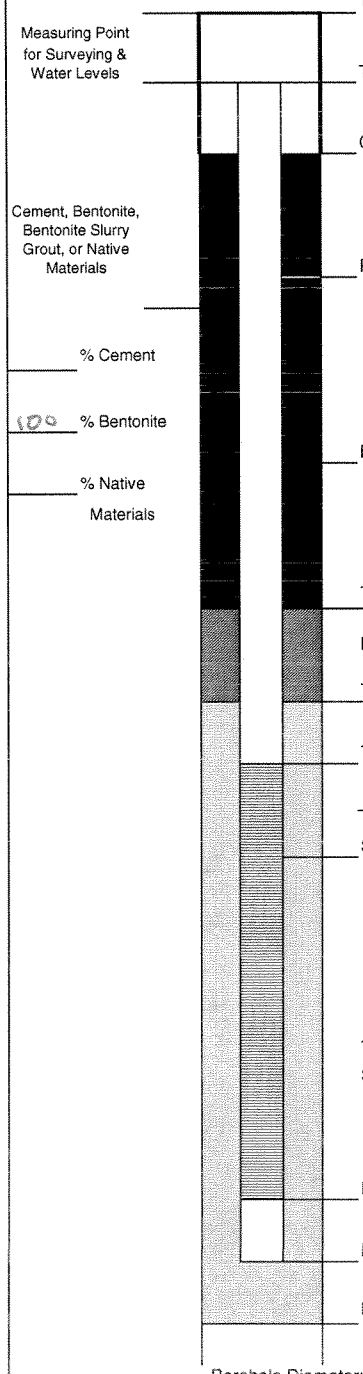
Date	Time	Depth to groundwater while drilling

Appendix C

Monitoring Well Construction Detail

ENSR INTERNATIONAL	Client: AmeriPride	**WELL ID: MW- 1**
	Project Number: 10770-001-200	
	Site Location: 8 Lord St. Buffalo, N.Y.	Date Installed: 11/30/2005
	Well Location: SB-35 Coords:	Inspector: KDR
	Method: Hollow Stem Auger	Contractor: Nothnagle

MONITORING WELL CONSTRUCTION DETAIL



	Depth from G.S. (feet)	Elevation(feet) Datum LOCAL
Top of flush-mount (manhole) cover (ground surface)	0	101.38
Top of Riser Pipe	0.34	101.04
Ground Surface (G.S.)	NA	NA
Riser Pipe:		
Length 6.6		
Inside Diameter (ID) 2"		
Type of Material PVC		
Bottom of Steel Guard Pipe	1.0	100.4
Top of Bentonite	2.0	99.4
Bentonite Seal Thickness 3		
Top of Sand	5.0	96.4
Top of Screen	7.11	94.3
▼ Stabilized Water Level (TOC)	7.05	93.99
Screen:		
Length 10'		
Inside Diameter (ID) 2"		
Slot Size 0.010"		
Type of Material PVC		
Type/Size of Sand ODN		
Sand Pack Thickness 12'		
Bottom of Screen	16.69	84.7
Bottom of Tail Pipe:	17.0	84.4
Bottom of Borehole	17.0	84.4

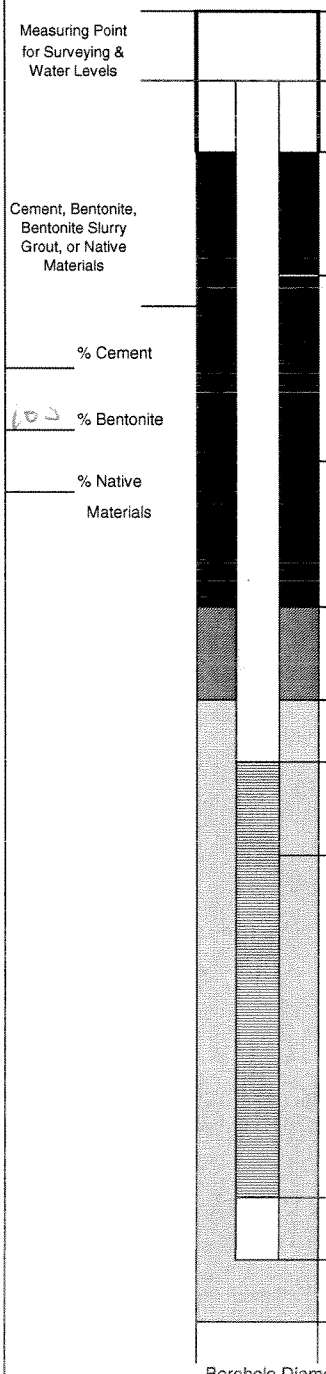
Borehole Diameter: 6 7/8"

Approved: [signature] 02/15/06
Signature Date

Describe Measuring Point:
High point on PVC casing

ENSR INTERNATIONAL	Client: AmeriPride	**WELL ID: MW- 2**
	Project Number: 10770-001-200	
	Site Location: 8 Lord St. Buffalo	Date Installed: 12/7/05
	Well Location: SB-39 Coords:	Inspector: Karl Reimer
	Method: Hollow Stem Auger	Contractor: Nothnagle

MONITORING WELL CONSTRUCTION DETAIL



	Depth from G.S. (feet)	Elevation(feet) Datum LOCAL
Top of flush-mount (manhole) cover (ground surface)	0	100.66
Top of Riser Pipe	0.47	100.19
Ground Surface (G.S.)	0	100.66
Riser Pipe: Length 8.84		
Inside Diameter (ID) 2"		
Type of Material Sch 40 PVC		
Bottom of Steel Guard Pipe	1.0	99.66
Top of Bentonite	4.0'	96.66
Bentonite Seal Thickness 3.0'		
Top of Sand	7.0'	93.66
Top of Screen	9.31	91.35
▼ Stabilized Water Level (TOC)	6.36	93.83
Screen:		
Length 10'		
Inside Diameter (ID) 2"		
Slot Size 0.010		
Type of Material Sch. 40 PVC		
Type/Size of Sand OON		
Sand Pack Thickness 12'		
Bottom of Screen	18.69	81.97
Bottom of Tail Pipe:	19.0	81.66
Bottom of Borehole	19.0	81.66

Borehole Diameter: 6 7/8"

Approved:

Describe Measuring Point:

High point on PVC casing

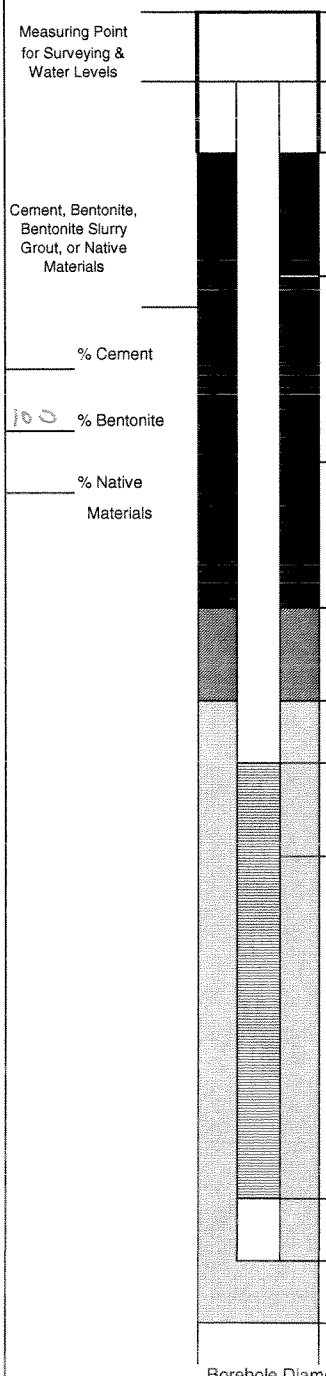
Signature

02/15/06

Date

ENSR INTERNATIONAL	Client: AmeriPride	**WELL ID: MW- 3**
	Project Number: 10770-001-200	
	Site Location: 8 Lord street Buffalo, NY.	Date Installed: 11/30/2005
	Well Location: Coords:	Inspector: Karl Reimer
	Method: Hollow Stem Auger	Contractor: Nothnagle

MONITORING WELL CONSTRUCTION DETAIL



	Depth from G.S. (feet)	Elevation(feet) Datum LOCAL
Top of flush-mount (manhole) cover (ground surface)	0	98.34
Top of Riser Pipe	0.41	97.93
Ground Surface (G.S.)	NA	98.34
Riser Pipe:		
Length 6.9		
Inside Diameter (ID) 2"		
Type of Material PVC		
Bottom of Steel Guard Pipe	1.0	97.34
Top of Bentonite	2.31	96.03
Bentonite Seal Thickness 3.0'		
Top of Sand	5.3	93.04
Top of Screen	7.31	91.03
▼ Stabilized Water Level (TOC)	7.31	90.62
Screen:		
Length 10'		
Inside Diameter (ID) 2"		
Slot Size 0.010 in		
Type of Material Sch 40 PVC		
Type/Size of Sand OON		
Sand Pack Thickness 12'		
Bottom of Screen	16.89	81.45
Bottom of Tail Pipe:	17.2	81.1
Bottom of Borehole	17.2	81.1

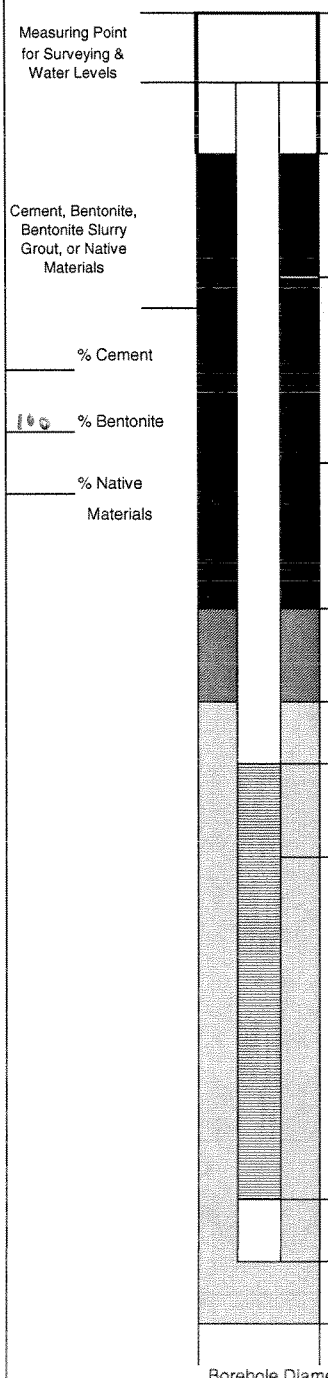
Borehole Diameter: 6 7/8

Approved: Karl Reimer (Signature) 02/15/06 (Date)

Describe Measuring Point:
Top of PVC casing (high Point)

ENSR INTERNATIONAL	Client: Ameri Pride	**WELL ID: MW- 4**
	Project Number: 10770-001-200	
	Site Location: 8 Lord Street	Date Installed: 12/08/05
	Well Location: SB-43 Coords:	Inspector: Karl Reimer
	Method: Hollow Stem Auger	Contractor: Nothnagle

MONITORING WELL CONSTRUCTION DETAIL



	Depth from G.S. (feet)	Elevation(feet) Datum Local
Top of flush-mount (manhole) cover (ground surface)	0	99.77
Top of Riser Pipe	0.37	99.40
Ground Surface (G.S.)	NA	99.77
Riser Pipe: Length 6.94; Inside Diameter (ID) 2"; Type of Material Sch 40 PVC		
Bottom of Steel Guard Pipe	1.0	98.77
Top of Bentonite	2.0	97.77
Bentonite Seal Thickness 3'		
Top of Sand	5.0	94.77
Top of Screen	7.31	92.46
▼ Stabilized Water Level (TOC)	5.61	93.79
Screen: Length 10; Inside Diameter (ID) 2"; Slot Size 0.010; Type of Material Sch. 40 PVC		
Type/Size of Sand 00N; Sand Pack Thickness 12'		
Bottom of Screen	16.69	83.08
Bottom of Tail Pipe:	17.0	82.77
Bottom of Borehole	17.0	82.77

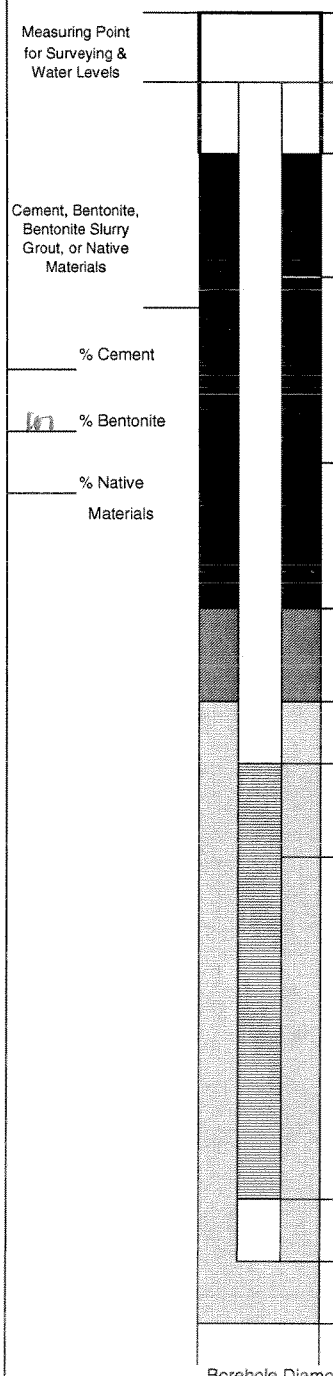
Borehole Diameter: 6 7/8"

Approved: [signature] (Signature) 02/15/06 (Date)

Describe Measuring Point:
High point on PVC casing

ENSR INTERNATIONAL	Client: AmeriPride	**WELL ID: MW- 5**
	Project Number: 10770-001-200	
	Site Location: 8 Lord Street, Buffalo	Date Installed: 12/8/05
	Well Location: SB-45 Coords:	Inspector: Karl Reimer
	Method: Hollow Stem Auger	Contractor: Nothnagle

MONITORING WELL CONSTRUCTION DETAIL



	Depth from G.S. (feet)	Elevation(feet) Datum Local
Top of flush-mount (manhole) cover (ground surface)	0	99.93
Top of Riser Pipe	0.44	99.49
Ground Surface (G.S.)	NA	99.93
Riser Pipe: Length 9.67		
Inside Diameter (ID) 2"		
Type of Material PVC		
Bottom of Steel Guard Pipe	1.0	98.93
Top of Bentonite	4.0	95.93
Bentonite Seal Thickness 3'		
Top of Sand	7.0	92.93
Top of Screen	10.11	89.81
▼ Stabilized Water Level (TOC)	11.24	88.25
Screen: Length 10'		
Inside Diameter (ID) 2"		
Slot Size 0.010 in.		
Type of Material Sch 40 PVC.		
Type/Size of Sand OON		
Sand Pack Thickness 12'		
Bottom of Screen	19.	80.93
Bottom of Tail Pipe:	19.8	80.1
Bottom of Borehole	19.8	80.1

Borehole Diameter: 6 7/8"

Approved: Karl Reimer (Signature) 02/15/08 (Date)

Describe Measuring Point:

High Point on PVC casing