

Cornerstone Enterprises

DUTCHESS COUNTY, NEW YORK

Final Engineering Report

NYSDEC Site Number: C314116

Prepared for:

Cornerstone Enterprises Incorporated
33 East Main Street
Pawling, New York

Prepared by:

Greenstar Environmental Solutions LLC.
Wappingers Falls, New York
845-223-9944

DECEMBER 2012

CERTIFICATIONS

I, Joseph Zarecki, P.E., am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Work Plan.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established in for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Joseph Zarecki, P.E., of Zarecki and Associates, Inc. , am certifying as Owner's Designated Site Representative for the site.

61468
NYS Professional Engineer #

11-29-12
Date



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LIST OF ACRONYMS

Acronym	Definition
RAO	Remedial Action Objectives
Ft bgs	ft below ground surface
VOC	Volatile Organic Compounds
SVOC	Semi-Volatile Organic Compounds
UST	Underground Storage Tank
HASP	Health and Safety Plan
QAPP	Quality Assurance Project Plan
CQAP	Construction Quality Assurance Plan
S/MMP	Soil/Materials Management Plan
SWPPP	Storm Water Pollution Prevention Plan
CAMP	Community Air Monitoring Plan
RWP	Remedial Work Plan

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

Cornerstone Enterprises Incorporated (Cornerstone) entered into a Brownfield Cleanup Agreement (BCA), with the New York State Department of Environmental Conservation (NYSDEC) on 22 January 2007 to investigate and remediate a 0.23 acre property located in Village of Pawling, Dutchess County, New York. The property was remediated to restricted residential use and will be used for commercial and residential use. The site location is shown on Figure 1.

The site is located in the County of Dutchess, New York and is identified as Lot 7056-05-071977 on the Village of Pawling Tax Map. The site is an approximately 0.23 acre area bounded by Main Street to the north and northeast, an unnamed stream to southeast, The Catholic Church Association to the southwest, and the Church of Saint John the Evangelist to the west (a site map is provided in Figure 2). The boundaries of the site are more fully described in Appendix A – Metes and Bounds.

An electronic copy of this FER with all supporting documentation is included as Appendix F.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) were identified for this site.

2.1.1 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.
- Prevent impacts to biota due to ingestion/direct contact with contaminated soil that would cause toxicity or bioaccumulation through the terrestrial food chain.

2.1.2 Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential of, soil vapor intrusion into buildings at a site.

2.2 DESCRIPTION OF SELECTED REMEDY

The site was remediated in accordance with the remedy selected by the NYSDEC in the Decision Document dated September 2012.

The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedy:

1. Interim Remedial Measures were implemented in 2007 and 2008 to remove 4 USTs and surface soils associated with a floor drain at the southern side of the Site and auto ramp on the east side of the Site. Petroleum impacted soil from the UST excavation was removed to a depth of approximately 10 to 13 ft below ground surface (ft bgs) and disposed of off-site. Based on post-excavation samples collected in 2007 and 2008 concentrations of VOC, SVOC and metals in soil samples above restricted residential SCOs remain in select locations at the property line in the southwest corner of the site. Concentrations of lead and mercury above restricted residential SCOs were noted at post-excavation samples located at the ramp excavation.
2. Construction and maintenance of a cover system consisting of structures such as buildings, pavement, sidewalks comprising the site development or at least two feet of clean soil, as defined by 6 NYCRR Part 375-6.7(d) for restricted residential use, placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer to prevent human exposure to remaining contaminated soil/fill remaining at the site;
3. Installation of a sub-slab depressurization system to mitigate potential exposure from vapor intrusion for on-site building(s). Currently the on-site building is not habitable and may be repaired in the future. A sub-slab depressurization system will be installed and tested after the existing building is repaired and prior to it being occupied. Confirmatory indoor air samples will be collected after the installation of the sub-slab depressurization system to confirm the proper operation of the mitigation system;
4. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the site.
5. Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting;

6. Periodic certification of the institutional and engineering controls listed above.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

The interim remedial activities completed at the Site include a tank removal and soil excavation. In June 2007 the contents of two known underground storage tanks (USTs) were removed. Approximately 475 gallons of liquid waste were removed at that time. An IRM was conducted during April and May 2008 in four areas of the site that included the excavation and removal of four USTs, petroleum-contaminated soil, and lead-contaminated surface soil. One excavation was performed in the northeastern portion of the site and involved the three gasoline USTs and a former fuel dispenser island. The second excavation was performed in the northwestern corner of the property and involved the former waste oil UST. Approximately 820 tons of soil were removed from the two UST excavation areas. Soil was also excavated from an area surrounding a floor drain outfall at the rear of the former service station. Approximately 70 tons of soil were removed from this excavation. The final excavation was conducted in the eastern portion of the site in the area of the former ramp. Cornerstone Enterprises retained Mangiardi Trucking to perform soil and tank excavation and transport/disposal of contaminated soil. Tank venting, cleaning and disposal were performed by Dutchess Environmental Construction. Sludge emptied from the tanks was transported and disposed by EnviroWaste. Conrad Geoscience, Inc. personnel documented field activities, collected post-excavation soil samples, provided on-site health and safety oversight, and performed perimeter air monitoring.

The June 2008 IRM Report and the August 5, 2010 correspondence, which serve as the Construction Completion Report (CCR) for the IRM conducted is provided in Appendix E.

The information in the June 2008 Interim Remedial Measure (IRM) Report and August 5, 2010 correspondence were relied upon to prepare this report and certify that the remediation requirements for the site have been met.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved Remedial Work Plan for the Cornerstone Enterprises, Inc. site (September 2012) and Decision Document for the Cornerstone Enterprises, Inc dated September 2012.

4.1 GOVERNING DOCUMENTS

4.1.1 Site Specific Health & Safety Plan (HASP)

The Site Specific Health and Safety Plan (HASP) is provided in Appendix E of the RWP. All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA.

The Health and Safety Plan (HASP) was complied with for all remedial and invasive work performed at the Site.

4.1.2 Quality Assurance Project Plan (QAPP)

A QAPP was developed for the site and approved by the NYSDEC. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/ quality control activities designed to achieve the project data quality objectives.

4.1.3 Construction Quality Assurance Plan (CQAP)

No Construction Quality Assurance Plan(s) (CQAPs) were required for this site.

4.1.4 Soil/Materials Management Plan (S/MMP)

A soil and fill management plan was included in Appendix D of the RWP that was approved by the NYSDEC. The purpose of this plan is to protect both the environment and human health during remediation activities of the Cornerstone Enterprises Inc. Site (the Site). Compliance with this plan was executed to properly manage clean soil and fill material used during the remedial activities.

4.1.5 Storm-Water Pollution Prevention Plan (SWPPP)

The area disturbed during site remediation was less than 0.5 acres and therefore did not require a SWPPP.

4.1.6 Community Air Monitoring Plan (CAMP)

A CAMP was provided in Appendix F of the RWP approved by the NYSDEC.

4.1.7 Contractors Site Operations Plans (SOPs)

The Remediation Engineer reviewed all plans and submittals for this remedial project (i.e. those listed above plus contractor and subcontractor submittals) and confirmed that they were in compliance with the RWP. All remedial documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

4.1.8 Community Participation Plan

The Alternative Analysis/Remedial Work Plan was submitted for public comment. A public comment period was held, during which the public was encouraged to submit comment on the proposed remedy. No comments from the public were received. A fact sheet was released to interested community parties announcing the start of remedial work. A separate fact sheet will be released after the certificate of completion (COC) is issued for this site.

4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

- Joseph Zarecki, P.E. is the professional engineer for this Site.
- Peter Nimmer, P.G. of Greenstar Environmental Solutions, LLC is the Qualified Environmental Professional for this Site.
- Design Concepts Engineering of Pawling New York completed the 2012 site remediation including site clearing, asphalt cap placement, and monitoring well abandonment.

4.2.2 Site Preparation

Site preparation activities were completed from 17 and 18 October 2012. Site preparation included the following:

- Grubbing of a limited number of small trees;
- Placement of 23.68 tons of imported fill for grading consisting of clean washed stone. The imported backfill material was pre-approved for use on this site by NYS DEC as described in Section 4.5.
- Abandonment of 6 site monitoring wells in accordance with CP-43, Groundwater Monitoring Well Decommissioning Policy. Monitoring wells MW-1 through MW-6 were grouted in place as per CP-43 guidance.

A pre-construction meeting was determined not to be required by NYSDEC .

No permits relating to the remediation project were required.

All SEQRA requirements and all substantive compliance requirements for attainment of applicable natural resource or other permits were achieved during this Remedial Action.

4.2.3 General Site Controls

Site security was maintained throughout the site remediation. The site is fenced and no unauthorized personnel were present on-site during remedial activities.

Site record keeping was completed by the site engineer, Mr. Joseph Zarecki, P.E. of Zarecki and Associates, Inc. of Pawling New York.

No erosion and sediment controls were used due to the small size of the site and lack of invasive activities that could disturb site soil.

Equipment decontamination included steam cleaning heavy equipment prior and after use on the site.

No soil stockpiling was completed during site remediation.

No problems were encountered during site remediation.

4.2.4 Nuisance controls

Trucks and equipment entered the site through the main gate onto East Main Street. Due to the limited amount of vehicle traffic (less than 5 construction vehicles entering/exiting the site) no truck routing was needed. No complaints were noted regarding site nuisances.

4.2.5 CAMP results

Community Air Monitoring Plan sampling was not conducted because no intrusive soil work was completed during site remediation activities. Site remediation activities were limited to use of imported backfill comprised of clean washed stone for grading followed by site paving with 2 inches of asphalt.

4.2.6 Reporting

Daily reports for site activities were prepared to document the activities completed each day of site remediation 17, 18, 19, 22 and 23 October, 2012. Daily reports were distributed to NYS DEC via email on 26 October 2012. Due to the short duration of this project no monthly reports were prepared.

All daily reports are included in electronic format in Appendix B.

The digital photo log required by the RWP is included in Appendix C and in electronic format in Appendix D.

4.3 CONTAMINATED MATERIALS REMOVAL

No additional removal of contaminated material was completed as part of the remedial measures (i.e., installing a composite cap). No soil was re-used on-site. Site remediation activities were limited to use of imported backfill comprised of clean washed stone for grading followed by site paving with 2 inches of asphalt.

4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING

No remedial performance sampling or documentation sampling was completed as part of the remedial measures (i.e., installing a composite cap). No soil was re-used on-site. Site remediation activities were limited to use of imported backfill comprised of clean washed stone for grading followed by site paving with 2 inches of asphalt.

4.5 IMPORTED BACKFILL

A total of 23.68 tons of washed crushed rock was used as imported backfill for site grading and pavement sub-base. The material was derived from virgin rock from

Hudson Valley Sand and Gravel of Wassaic, New York. The material was sieve tested and demonstrated to have less than 10% by weight passing through a #80 sieve. Therefore no analytical samples of the material were necessary to be collected. The sieve analysis for the imported backfill and NYS DEC approval for this material for use at the site are provided in Appendix D. Backfill was placed and compacted to create a stable sub-grade directly underlying pavement. Backfill was placed throughout the paved area as the uppermost 6 to 12 inches below pavement.

4.6 CONTAMINATION REMAINING AT THE SITE

Remedial activities completed in 2008 outlined in the IRM, included the removal of four underground storage tanks and the excavation of impacted soil around the tanks. Based on post-excitation samples collected and 2008 concentrations of volatile organic compounds (VOC, semi-volatile organic compounds (SVOC) and metals in soil samples above restricted residential SCOs remain in select locations. The highest concentrations of VOC and SVOC were noted in samples PE-6 and PE-10 located along the building foundation and at PE-21 located at the property line in the southwest corner of the site. Future development requiring excavating under, or demolition and removal of the onsite building will have potential to encounter these impacted soils. Concentrations of lead and mercury above restricted residential SCOs were noted at post excavation surface soil samples SS-2D and SS-5D located at the ramp excavation..

Based on the results of the 2011 RI, site soil and fill is not impacted by VOC, SVOC, pesticides, PCBs, cyanide or hexavalent chromium. Concentrations of these contaminants in the soil and fill samples were below NYS DEC criteria (i.e., restricted residential and CP-51 SCOs for soil, restricted residential and groundwater protection SCOs for fill).

Exposure to remaining contamination in soil/fill at the site will be prevented by a pavement cover system placed over the site. This cover system is comprised of a pavement, concrete-covered sidewalks, and concrete building slabs. The base of the pavement, concrete sidewalk, or building slabs, should be considered the demarcation layer. Any soil below the base of these materials should be considered potentially contaminated.

Active utility lines include water and sewer running to the building onsite. They enter the property from the street and run toward the north side of the building. Exact

location of these utilities is unknown. Any future repairs or work done on these utilities below the demarcation layer should assume potential contamination exists.

Table 3 and Figures 3, 4 and 5 summarize the results of all soil samples remaining at the site after completion of Remedial Action that exceed the Track 1 (unrestricted) SCOs.

Since contaminated soil remains at the site after completion of the Remedial Action, Institutional and Engineering Controls are required to protect human health and the environment. These Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC.

4.7 CAP SYSTEM

Exposure to remaining contamination in soil/fill at the site is prevented by a composite cap system placed over the site and the concrete building slab. This composite cap system is comprised of a minimum of 24 inches of clean soil, asphalt pavement, concrete-covered sidewalks, and concrete building slabs. A composite cap system comprised of 2 inches of asphalt paving is present at the site. Figure 6 shows the location of the composite cap at the Site. An Excavation Work Plan, which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed, is provided in Appendix A of the SMP.

4.8 OTHER ENGINEERING CONTROLS

Since remaining contaminated soil exists beneath the site, Engineering Controls (EC) are required to protect human health and the environment. The site has the following primary Engineering Controls, as described in the following subsections.

Procedures for monitoring, operating and maintaining the composite cap system are provided in the Operation and Maintenance Plan in Section 4 of the Site Management Plan (SMP). The Monitoring Plan also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-site ECs. A sub-slab depressurization system (SSDS) will be installed during the renovation of the on-site building to mitigate against potential vapor intrusion issues

4.9 INSTITUTIONAL CONTROLS

The site remedy requires that an environmental easement be placed on the property to (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) allows the use and development of the controlled property for restricted residential, commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws.

The environmental easement for the site was executed by the Department on October 4, 2012 and filed with the Dutchess County Clerk on October 22, 2012. The County Recording Identifier number for this filing is Document No. 02-2012-4894. A copy of the easement and proof of filing is provided in Appendix A .

4.10 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

No deviations from the remedial work plan were required during site remediation.

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Table 2 - Backfill Quantities and Source

Table 3 - Soils Exceeding Unrestricted SCOs After the Remedial Action

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Figure 2 - Site Layout

Figure 3 - IRM Excavation Limits and Post-Excavation Sample Locations

Figure 4 - Remaining Pre-Excavation Soil Samples above Unrestricted Use SCOs

Figure 5 - Post-Excavation Soil Samples from UST and Floor Drain IRM
Excavation Above Unrestricted Use SCOs

Figure 6 - Post-Excavation Soil Samples from Ramp IRM Excavation Above
Unrestricted Use SCOs

Figure 7 - Extent of Composite Cap

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Appendix A - Survey Map, Metes and Bounds, Environmental Easement and Proof of Filing

Appendix B - Daily Reports

Appendix C - Photo Log of Site Remediation

Appendix D - Imported Backfill Sieve Analysis and NYS DEC Approval

Appendix E - 2008 IRM Report, Waste Manifests, Correspondence with NYS DEC Dated August 5, 2010 and October 11 2010 for Construction Completion Report

Appendix F - Electronic Copy of FER (on attached CD)

Table 1 – Part 375 Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Groundwater
		Residential	Restricted Residential	Commercial	Industrial		
Metals							
Arsenic	7440-38-2	16 ^f	16 ^f	16 ^f	16 ^f	13 ^f	16 ^f
Barium	7440-39-3	350 ^f	400	400	10,000 ^d	433	820
Beryllium	7440-41-7	14	72	590	2,700	10	47
Cadmium	7440-43-9	2.5 ^f	4.3	9.3	60	4	7.5
Chromium, hexavalent ^h	18540-29-9	22	110	400	800	1 ^e	19
Chromium, trivalent ^h	16065-83-1	36	180	1,500	6,800	41	NS
Copper	7440-50-8	270	270	270	10,000 ^d	50	1,720
Total Cyanide ^h		27	27	27	10,000 ^d	NS	40
Lead	7439-92-1	400	400	1,000	3,900	63 ^f	450
Manganese	7439-96-5	2,000 ^f	2,000 ^f	10,000 ^d	10,000 ^d	1600 ^f	2,000 ^f
Total Mercury		0.81 ^j	0.81 ^j	2.8 ^j	5.7 ^j	0.18 ^f	0.73
Nickel	7440-02-0	140	310	310	10,000 ^d	30	130
Selenium	7782-49-2	36	180	1,500	6,800	3.9 ^f	4 ^f
Silver	7440-22-4	36	180	1,500	6,800	2	8.3
Zinc	7440-66-6	2200	10,000 ^d	10,000 ^d	10,000 ^d	109 ^f	2,480
PCBs/Pesticides							
2,4,5-TP Acid (Silvex)	93-72-1	58	100 ^a	500 ^b	1,000 ^c	NS	3.8
4,4'-DDE	72-55-9	1.8	8.9	62	120	0.0033 ^e	17
4,4'-DDT	50-29-3	1.7	7.9	47	94	0.0033 ^e	136
4,4'-DDD	72-54-8	2.6	13	92	180	0.0033 ^e	14
Aldrin	309-00-2	0.019	0.097	0.68	1.4	0.14	0.19
alpha-BHC	319-84-6	0.097	0.48	3.4	6.8	0.04 ^g	0.02
beta-BHC	319-85-7	0.072	0.36	3	14	0.6	0.09
Chlordane (alpha)	5103-71-9	0.91	4.2	24	47	1.3	2.9
delta-BHC	319-86-8	100 ^a	100 ^a	500 ^b	1,000 ^c	0.04 ^g	0.25
Dibenzofuran	132-64-9	14	59	350	1,000 ^c	NS	210
Dieldrin	60-57-1	0.039	0.2	1.4	2.8	0.006	0.1
Endosulfan I	959-98-8	4.8 ⁱ	24 ⁱ	200 ⁱ	920 ⁱ	NS	102
Endosulfan II	33213-65-9	4.8 ⁱ	24 ⁱ	200 ⁱ	920 ⁱ	NS	102
Endosulfan sulfate	1031-07-8	4.8 ⁱ	24 ⁱ	200 ⁱ	920 ⁱ	NS	1,000 ^c
Endrin	72-20-8	2.2	11	89	410	0.014	0.06
Heptachlor	76-44-8	0.42	2.1	15	29	0.14	0.38
Lindane	58-89-9	0.28	1.3	9.2	23	6	0.1
Polychlorinated biphenyls	1336-36-3	1	1	1	25	1	3.2
Semivolatiles							
Acenaphthene	83-32-9	100 ^a	100 ^a	500 ^b	1,000 ^c	20	98
Acenaphthylene	208-96-8	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	107
Anthracene	120-12-7	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	1,000 ^c
Benz(a)anthracene	56-55-3	1 ^f	1 ^f	5.6	11	NS	1 ^f
Benzo(a)pyrene	50-32-8	1 ^f	1 ^f	1 ^f	1.1	2.6	22
Benzo(b)fluoranthene	205-99-2	1 ^f	1 ^f	5.6	11	NS	1.7
Benzo(g,h,i)perylene	191-24-2	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	1,000 ^c
Benzo(k)fluoranthene	207-08-9	1	3.9	56	110	NS	1.7
Chrysene	218-01-9	1 ^f	3.9	56	110	NS	1 ^f
Dibenz(a,h)anthracene	53-70-3	0.33 ^e	0.33 ^e	0.56	1.1	NS	1,000 ^c
Fluoranthene	206-44-0	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	1,000 ^c
Fluorene	86-73-7	100 ^a	100 ^a	500 ^b	1,000 ^c	30	386
Indeno(1,2,3-cd)pyrene	193-39-5	0.5 ^f	0.5 ^f	5.6	11	NS	8.2
m-Cresol	108-39-4	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	0.33 ^e
Naphthalene	91-20-3	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	12
o-Cresol	95-48-7	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	0.33 ^e
p-Cresol	106-44-5	34	100 ^a	500 ^b	1,000 ^c	NS	0.33 ^e
Pentachlorophenol	87-86-5	2.4	6.7	6.7	55	0.8 ^e	0.8 ^e
Phenanthrene	85-01-8	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	1,000 ^c
Phenol	108-95-2	100 ^a	100 ^a	500 ^b	1,000 ^c	30	0.33 ^e
Pyrene	129-00-0	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	1,000 ^c

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Groundwater
		Residential	Restricted Residential	Commercial	Industrial		
Volatiles							
1,1,1-Trichloroethane	71-55-6	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	0.68
1,1-Dichloroethane	75-34-3	19	26	240	480	NS	0.27
1,1-Dichloroethene	75-35-4	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	0.33
1,2-Dichlorobenzene	95-50-1	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	1.1
1,2-Dichloroethane	107-06-2	2.3	3.1	30	60	10	0.02 ^f
cis-1,2-Dichloroethene	156-59-2	59	100 ^a	500 ^b	1,000 ^c	NS	0.25
trans-1,2-Dichloroethene	156-60-5	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	0.19
1,3-Dichlorobenzene	541-73-1	17	49	280	560	NS	2.4
1,4-Dichlorobenzene	106-46-7	9.8	13	130	250	20	1.8
1,4-Dioxane	123-91-1	9.8	13	130	250	0.1 ^e	0.1 ^e
Acetone	67-64-1	100 ^a	100 ^b	500 ^b	1,000 ^c	2.2	0.05
Benzene	71-43-2	2.9	4.8	44	89	70	0.06
Butylbenzene	104-51-8	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	12
Carbon tetrachloride	56-23-5	1.4	2.4	22	44	NS	0.76
Chlorobenzene	108-90-7	100 ^a	100 ^a	500 ^b	1,000 ^c	40	1.1
Chloroform	67-66-3	10	49	350	700	12	0.37
Ethylbenzene	100-41-4	30	41	390	780	NS	1
Hexachlorobenzene	118-74-1	0.33 ^e	1.2	6	12	NS	3.2
Methyl ethyl ketone	78-93-3	100 ^a	100 ^a	500 ^b	1,000 ^c	100 ^a	0.12
Methyl tert-butyl ether	1634-04-4	62	100 ^a	500 ^b	1,000 ^c	NS	0.93
Methylene chloride	75-09-2	51	100 ^a	500 ^b	1,000 ^c	12	0.05
n-Propylbenzene	103-65-1	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	3.9
sec-Butylbenzene	135-98-8	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	11
tert-Butylbenzene	98-06-6	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	5.9
Tetrachloroethene	127-18-4	5.5	19	150	300	2	1.3
Toluene	108-88-3	100 ^a	100 ^a	500 ^b	1,000 ^c	36	0.7
Trichloroethene	79-01-6	10	21	200	400	2	0.47
1,2,4-Trimethylbenzene	95-63-6	47	52	190	380	NS	3.6
1,3,5-Trimethylbenzene	108-67-8	47	52	190	380	NS	8.4
Vinyl chloride	75-01-4	0.21	0.9	13	27	NS	0.02
Xylene (mixed)	1330-20-7	100 ^a	100 ^a	500 ^b	1,000 ^c	0.26	1.6

Values from Table 375-6.8(b): Restricted Use Soil Cleanup Objectives

All soil cleanup objectives (SCOs) are in parts per million (ppm). NS=Not specified. See Technical Support Document (TSD). Footnotes

^a The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.

^b The SCOs for commercial use were capped at a maximum value of 500 ppm. See TSD section 9.3.

^c The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm. See TSD section 9.3.

^d The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.

^e For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

^f For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.

^g This SCO is derived from data on mixed isomers of BHC.

^h The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.

ⁱ This SCO is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.

^j This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts).

TABLE 2
BACKFILL QUANTITY AND SOURCE
CORNERSTONE ENTERPRISES SITE
PAWLING, NEW YORK

Backfill Source	Backfill Quantity
Hudson Valley Sand and Gravel of Wassaic, New York	23.68 tons

TABLE 3
SOIL EXCEEDING UNRESTRICTED SCOS AFTER REMEDIAL ACTION

Semivolatile Organics (ug/kg)

Analyte	NY-CP51	NY-UNRES	NY-RESRR	GB-1 (8-9)	GB-2 (8-9)	GB-3 (8-9)	GB-4 (8-9)	GB-5 (8-9)	GB-6 (8-10)	GB-11 (6-8)	GB-15 (6-8)	GB-16 (7-8)	GB-17 (6-8)
Acenaphthene	20000	20000	100000	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	<353U	<312U
Acenaphthylene	100000	100000	100000	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	401	<312U
Anthracene	100000	100000	100000	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	<353U	<312U
Benzo (a) anthracene	1000	1000	1000	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	586	<312U
Benzo (a) pyrene	1000	1000	1000	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	661	<312U
Benzo (b) fluoranthene	1000	1000	1000	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	595	<312U
Benzo (g,h,i) perylene	100000	100000	100000	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	1470	<312U
Benzo (k) fluoranthene	800	800	3900	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	457	<312U
Chrysene	1000	1000	3900	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	574	<312U
Dibenz (a,h) anthracene	330	330	330	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	<353U	<312U
Fluoranthene	100000	100000	100000	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	754	<312U
Fluorene	30000	30000	100000	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	<353U	<312U
Indeno (1,2,3-cd) pyrene	500	500	500	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	768	<312U
Naphthalene	12000	12000	100000	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	<353U	<312U
Phenanthrene	100000	100000	100000	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	<353U	<312U
Pyrene	100000	100000	100000	<336U	<346U	<330U	<344U	<393U	<383U	<405U	<408U	689	<312U

Analyte	NY-CP51	NY-UNRES	NY-RESRR	GB-18 (6-8)	GB-19 (8-10)	GB-20 (6-8)	GB-21 (7-8)	GB-22 (8-10)	GB-23 (3-4)	GB-24 (0-12)	GBSH-1 (2.5-6)	GBSH-2 (0-3)	GBSH-3 (0-3)
Acenaphthene	20000	20000	100000	<499U	<337U	<338U	<378U	<352U	<326U	<330U	<306U	<372U	<343U
Acenaphthylene	100000	100000	100000	<499U	<337U	<338U	<378U	<352U	<326U	<330U	326	<372U	<343U
Anthracene	100000	100000	100000	<499U	<337U	<338U	<378U	<352U	<326U	<330U	<306U	<372U	<343U
Benzo (a) anthracene	1000	1000	1000	<499U	<337U	<338U	<378U	<352U	337	<330U	316	<372U	<343U
Benzo (a) pyrene	1000	1000	1000	<499U	<337U	<338U	<378U	<352U	<326U	<330U	499	<372U	<343U
Benzo (b) fluoranthene	1000	1000	1000	<499U	<337U	<338U	<378U	<352U	379	<330U	375	<372U	<343U
Benzo (g,h,i) perylene	100000	100000	100000	<499U	<337U	<338U	<378U	<352U	<326U	<330U	986	<372U	<343U
Benzo (k) fluoranthene	800	800	3900	<499U	<337U	<338U	<378U	<352U	347	<330U	<306U	<372U	<343U
Chrysene	1000	1000	3900	<499U	<337U	<338U	<378U	<352U	513	<330U	341	<372U	<343U
Dibenz (a,h) anthracene	330	330	330	<499U	<337U	<338U	<378U	<352U	<326U	<330U	<306U	<372U	<343U
Fluoranthene	100000	100000	100000	<499U	462	<338U	<378U	<352U	1030	<330U	467	<372U	<343U
Fluorene	30000	30000	100000	<499U	<337U	<338U	<378U	<352U	<326U	<330U	<306U	<372U	<343U
Indeno (1,2,3-cd) pyrene	500	500	500	<499U	<337U	<338U	<378U	<352U	<326U	<330U	570	<372U	<343U
Naphthalene	12000	12000	100000	<499U	<337U	<338U	820	<352U	<326U	2550	<306U	<372U	<343U
Phenanthrene	100000	100000	100000	<499U	344	<338U	<378U	<352U	<326U	<330U	<306U	<372U	<343U
Pyrene	100000	100000	100000	<499U	349	<338U	<378U	<352U	761	<330U	424	<372U	<343U

Analyte	NY-CP51	NY-UNRES	NY-RESRR	PE-1	PE-2	PE-3	PE-4	PE-5
Acenaphthene	20000	20000	100000	<333U	<334U	<339U	<318U	<332U
Acenaphthylene	100000	100000	100000	<333U	<334U	<339U	<318U	<332U
Anthracene	100000	100000	100000	<333U	<334U	<339U	<318U	<332U
Benzo (a) anthracene	1000	1000	1000	<333U	<334U	<339U	<318U	<332U
Benzo (a) pyrene	1000	1000	1000	<333U	<334U	<339U	<318U	<332U
Benzo (b) fluoranthene	1000	1000	1000	<333U	<334U	<339U	<318U	<332U
Benzo (g,h,i) perylene	100000	100000	100000	<333U	<334U	<339U	<318U	<332U
Benzo (k) fluoranthene	800	800	3900	<333U	<334U	<339U	<318U	<332U

Semivolatile Organics (ug/kg)

				PE-1	PE-2	PE-3	PE-4	PE-5
Chrysene	1000	1000	3900	<333U	<334U	<339U	<318U	<332U
Dibenz (a,h) anthracene	330	330	330	<333U	<334U	<339U	<318U	<332U
Fluoranthene	100000	100000	100000	<333U	<334U	<339U	<318U	<332U
Fluorene	30000	30000	100000	<333U	<334U	<339U	<318U	<332U
Indeno (1,2,3-cd) pyrene	500	500	500	<333U	<334U	<339U	<318U	<332U
Naphthalene	12000	12000	100000	<333U	<334U	<339U	<318U	<332U
Phenanthrene	100000	100000	100000	<333U	<334U	<339U	<318U	<332U
Pyrene	100000	100000	100000	<333U	<334U	<339U	<318U	<332U

Analyte	NY-CP51	NY-UNRES	NY-RESRR	PE-18	PE-19	PE-20	PE-21	PE-22
Acenaphthene	20000	20000	100000	<412U	<346U	<367U	<692U	<414U
Acenaphthylene	100000	100000	100000	<412U	<346U	<367U	<692U	<414U
Anthracene	100000	100000	100000	<412U	<346U	<367U	772	<414U
Benzo (a) anthracene	1000	1000	1000	<412U	<346U	<367U	2320	<414U
Benzo (a) pyrene	1000	1000	1000	<412U	<346U	<367U	2520	<414U
Benzo (b) fluoranthene	1000	1000	1000	<412U	<346U	<367U	2360	<414U
Benzo (g,h,i) perylene	100000	100000	100000	<412U	<346U	<367U	1970	<414U
Benzo (k) fluoranthene	800	800	3900	<412U	<346U	<367U	2200	<414U
Chrysene	1000	1000	3900	<412U	<346U	<367U	3320	474
Dibenz (a,h) anthracene	330	330	330	<412U	<346U	<367U	<692U	<414U
Fluoranthene	100000	100000	100000	<412U	<346U	<367U	5300	967
Fluorene	30000	30000	100000	<412U	<346U	<367U	<692U	<414U
Indeno (1,2,3-cd) pyrene	500	500	500	<412U	<346U	<367U	1820	<414U
Naphthalene	12000	12000	100000	<412U	<346U	<367U	6410	<414U
Phenanthrene	100000	100000	100000	<412U	<346U	<367U	1670	508
Pyrene	100000	100000	100000	<412U	<346U	<367U	2030	579

Analyte	NY-CP51	NY-UNRES	NY-RESRR	SS-1D	SS-2D	SS-3D	SS-4D	SS-5D
Acenaphthene	20000	20000	100000	<323U	<337U	<345U	<319U	<328U
Acenaphthylene	100000	100000	100000	<323U	<337U	<345U	<319U	<328U
Anthracene	100000	100000	100000	<323U	<337U	<345U	<319U	<328U
Benzo (a) anthracene	1000	1000	1000	<323U	<337U	<345U	<319U	<328U
Benzo (a) pyrene	1000	1000	1000	<323U	<337U	<345U	<319U	<328U
Benzo (b) fluoranthene	1000	1000	1000	<323U	<337U	<345U	<319U	343
Benzo (g,h,i) perylene	100000	100000	100000	<323U	<337U	<345U	<319U	<328U
Benzo (k) fluoranthene	800	800	3900	<323U	<337U	<345U	<319U	<328U
Chrysene	1000	1000	3900	<323U	<337U	<345U	<319U	356
Dibenz (a,h) anthracene	330	330	330	<323U	<337U	<345U	<319U	<328U
Fluoranthene	100000	100000	100000	<323U	379	<345U	494	566
Fluorene	30000	30000	100000	<323U	<337U	<345U	<319U	<328U
Indeno (1,2,3-cd) pyrene	500	500	500	<323U	<337U	<345U	<319U	<328U
Naphthalene	12000	12000	100000	<323U	<337U	<345U	<319U	<328U
Phenanthrene	100000	100000	100000	<323U	<337U	<345U	<319U	358
Pyrene	100000	100000	100000	<323U	346	<345U	434	580

Total Metals (mg/kg)

Total Metals (mg/kg)

Analyte	NY-CP51	NY-UNRES	NY-RESRR	GB-1 (8-9)	GB-2 (8-9)	GB-3 (8-9)	GB-4 (8-9)	GB-5 (8-9)	GB-6 (8-10)	GB-11 (6-8)	GB-15 (6-8)	GB-16 (7-8)	GB-17 (6-8)
Arsenic	NC	13	16	5.91	6.74	5.02	6.01	6.06	4.25	3.66	5.2	9.43	4.25
Barium	NC	350	400	36.3	69.3	44.3	19.7	74.1	48.4	44.1	48.9	329	35.4
Cadmium	NC	2.5	4.3	<0.499U	<0.395U	<0.485U	<0.544U	<0.660U	<0.623U	<0.491U	<0.627U	3.34	<0.542U
Chromium	NC	NC	NC	16.7	20.3	17.9	17.3	16.4	11.7	14.2	15.5	19.3	16.1
Lead	NC	63	400	5.38	22.6	8.24	7.05	29	8.68	27.8	13.3	1670	6.57
Mercury	NC	0.18	0.81	0.0095	0.0889	0.0217	0.0137	0.0138	0.0268	0.1085	0.0447	0.2062	0.0354
Selenium	NC	3.9	180	1.99	<0.395U	<0.485U	<0.544U	<0.660U	<0.623U	<0.491U	<0.627U	<0.572U	<0.542U
Silver	NC	2	180	<0.998U	<0.791U	<0.968U	<1.09U	<1.32U	<1.24U	<0.982U	<1.25U	<1.14U	<1.08U

Analyte	NY-CP51	NY-UNRES	NY-RESRR	GB-18 (6-8)	GB-19 (8-10)	GB-20 (6-8)	GB-21 (7-8)	GB-22 (8-10)	GB-23 (3-4)	GB-24 (0-12)	GBSH-1 (2.5-6)	GBSH-2 (0-3)	GBSH-3 (0-3)
Arsenic	NC	13	16	6.15	3.31	3.99	2.99	3.46	3.43	4.14	5.02	3.71	3.86
Barium	NC	350	400	104	25.8	49.8	33.5	47.3	36	39.6	63.4	57.7	38.2
Cadmium	NC	2.5	4.3	<0.802U	<0.323U	<0.445U	<0.552U	<0.426U	<0.514U	<0.465U	1.5	<0.378U	0.444
Chromium	NC	NC	NC	23	8.59	14	10.6	15.1	8.91	13.8	10.3	11.7	11.8
Lead	NC	63	400	8.14	18.4	15.4	2.37	7.19	3.45	5.25	322	34.3	19.6
Mercury	NC	0.18	0.81	0.0739	0.0276	0.0322	<0.0102U	0.0168	<0.0069U	0.0076	0.3737	0.1083	0.0205
Selenium	NC	3.9	180	<0.802U	<0.0323U	<0.445U	1.87	<0.426U	<0.514U	<0.465U	1.80B	<0.378U	<0.444U
Silver	NC	2	180	<1.60U	<0.644U	<0.892U	<1.10U	<0.852U	<1.03U	<0.930U	<0.851U	<0.756U	<0.889U

Analyte	NY-CP51	NY-UNRES	NY-RESRR	SS-1D	SS-2D	SS-3D	SS-4D	SS-5D
Arsenic	NC	13	16	2.11	4.99	9.14	3.07	6.21
Barium	NC	350	400	87.7	181	76.7	78.4	84.8
Cadmium	NC	2.5	4.3	<0.624U	2.09	<0.602U	<0.468U	1.17
Chromium	NC	NC	NC	13.5	17.9	13	15.6	28.7
Lead	NC	63	400	140	410	86.7	168	512
Mercury	NC	0.18	0.81	0.2533	1.23	0.3294	0.2609	0.1654
Selenium	NC	3.9	180	2.12	2.29	3.65	1.57	2.22
Silver	NC	2	180	<1.06U	3.16	<1.2U	<0.935U	<0.879U

Volatile Organics (ug/kg)

Analyte	NY-CP51	NY-UNRES	NY-RESRR	GB-1 (8-9)	GB-2 (8-9)	GB-3 (8-9)	GB-4 (8-9)	GB-5 (8-9)	GB-6 (8-10)	GB-11 (6-8)	GB-15 (6-8)	GB-16 (7-8)	GB-17 (6-8)
1,1,1-Trichloroethane	NC	680	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NC	270	26000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	NC	330	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3600	3600	52000	<9.48U	<8.67U	<7.60U	<8.02U	<8.80U	<10.5U	<10.6U	<13.3U	<8.36U	<6.41U
1,2-Dichlorobenzene	NC	1100	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NC	20	3100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8400	8400	52000	<9.48U	<8.67U	<7.60U	<8.02U	<8.80U	147	<10.6U	<13.3U	<8.36U	<6.41U
1,3-Dichlorobenzene	NC	2400	49000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NC	1800	13000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	NC	120	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl vinyl Ether	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Volatile Organics (ug/kg)

				GB-1 (8-9)	GB-2 (8-9)	GB-3 (8-9)	GB-4 (8-9)	GB-5 (8-9)	GB-6 (8-10)	GB-11 (6-8)	GB-15 (6-8)	GB-16 (7-8)	GB-17 (6-8)
4-Methyl-2-pentanone	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NC	50	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	60	60	4800	<9.48U	<8.67U	<7.60U	<8.02U	<8.80U	<10.5U	<10.6U	<13.3U	<8.36U	<6.41U
Bromodichloromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NC	760	2400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NC	1100	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NC	370	49000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NC	250	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1000	1000	41000	<9.48U	<8.67U	<7.60U	<8.02U	<8.80U	<10.5U	<10.6U	<13.3U	<8.36U	<6.41U
Isopropylbenzene	2300	NC	NC	<47.4U	<43.3U	<38.0U	<40.1U	<44.0U	<52.4U	<52.9U	<66.6U	<41.8U	<32.0U
m,p-Xylene	260	NC	NC	<9.48U	<8.67U	<7.60U	<8.02U	<8.80U	<10.5U	<10.6U	<13.3U	12.5	<6.41U
Methyl tert-butyl Ether	930	930	100000	<9.48U	<8.67U	<7.60U	<8.02U	<8.80U	<10.5U	<10.6U	<13.3U	<8.36U	<6.41U
Methylene Chloride	NC	50	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12000	12000	100000	<23.7U	<21.7U	<19.0U	<20.0U	<22.0U	130	<26.5U	<33.3U	<20.9U	<16.0U
n-Butylbenzene	12000	12000	100000	<47.4U	<43.3U	<38.0U	<40.1U	<44.0U	<52.4U	<52.9U	<66.6U	<41.8U	<32.0U
n-Propylbenzene	3900	3900	100000	<9.48U	<8.67U	<7.60U	<8.02U	<8.80U	15.8	<10.6U	<13.3U	<8.36U	<6.41U
o-Xylene	260	NC	NC	<9.48U	<8.67U	<7.60U	<8.02U	<8.80U	<10.5U	<10.6U	<13.3U	<8.36U	<6.41U
p-Isopropyltoluene	10000	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11000	11000	100000	<9.48U	<8.67U	<7.60U	<8.02U	<8.80U	16.5	<10.6U	<13.3U	<8.36U	<6.41U
Styrene	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5900	5900	100000	<23.7U	<21.7U	<19.0U	<20.0U	<22.0U	<26.2U	<26.5U	<33.3U	<20.9U	<16.0U
Tetrachloroethene	NC	1300	19000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	700	700	100000	<9.48U	<8.67U	<7.60U	<8.02U	<8.80U	<10.5U	<10.6U	<13.3U	10.4	<6.41U
trans-1,2-Dichloroethene	NC	190	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NC	470	21000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl acetate	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NC	20	900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Analyte	NY-CP51	NY-UNRES	NY-RESRR	GB-18 (6-8)	GB-19 (8-10)	GB-20 (6-8)	GB-21 (7-8)	GB-22 (8-10)	GB-23 (3-4)	GB-24 (0-12)	GBSH-1 (2.5-6)	GBSH-2 (0-3)	GBSH-3 (0-3)
1,1,1-Trichloroethane	NC	680	100000	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
1,1,2,2-Tetrachloroethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
1,1,2-Trichloroethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
1,1-Dichloroethane	NC	270	26000	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
1,1-Dichloroethene	NC	330	100000	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
1,2,4-Trimethylbenzene	3600	3600	52000	<15.7U	<8.82U	<7.07U	3110	<9.73U	3410	15800	297	63.1	<9.53U
1,2-Dichlorobenzene	NC	1100	100000	NA	NA	NA	NA	NA	NA	NA	<22.6U	NA	NA
1,2-Dichloroethane	NC	20	3100	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
1,2-Dichloropropane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
1,3,5-Trimethylbenzene	8400	8400	52000	<15.7U	<8.82U	<7.07U	4290	<9.73U	1650	4720	116	929	778

Volatile Organics (ug/kg)

				GB-18 (6-8)	GB-19 (8-10)	GB-20 (6-8)	GB-21 (7-8)	GB-22 (8-10)	GB-23 (3-4)	GB-24 (0-12)	GBSH-1 (2.5-6)	GBSH-2 (0-3)	GBSH-3 (0-3)
1,3-Dichlorobenzene	NC	2400	49000	NA	NA	NA	NA	NA	NA	NA	<22.6U	NA	NA
1,4-Dichlorobenzene	NC	1800	13000	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
2-Butanone	NC	120	100000	NA	NA	NA	NA	NA	NA	NA	<45.2U	NA	NA
2-Chloroethyl vinyl Ether	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<45.2U	NA	NA
2-Hexanone	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<22.6U	NA	NA
4-Methyl-2-pentanone	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<22.6U	NA	NA
Acetone	NC	50	100000	NA	NA	NA	NA	NA	NA	NA	150	NA	NA
Benzene	60	60	4800	<15.7U	<8.82U	<7.07U	<150U	<9.73U	<158U	<104U	<9.04U	<12.6U	<9.53U
Bromodichloromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
Bromoform	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<22.6U	NA	NA
Bromomethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
Carbon disulfide	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
Carbon Tetrachloride	NC	760	2400	NA	NA	NA	NA	NA	NA	NA	<22.6U	NA	NA
Chlorobenzene	NC	1100	100000	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
Chloroethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
Chloroform	NC	370	49000	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
Chloromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
cis-1,2-Dichloroethene	NC	250	100000	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
cis-1,3-Dichloropropene	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
Dibromochloromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
Ethylbenzene	1000	1000	41000	<15.7U	<8.82U	<7.07U	870	<9.73U	<158U	215	26.7	66.3	<9.53U
Isopropylbenzene	2300	NC	NC	<78.5U	<44.1U	<35.3U	2020	<48.6U	<791U	<522U	<45.2U	86.5	<47.7U
m,p-Xylene	260	NC	NC	<15.7U	<8.82U	<7.07U	202	<9.73U	1940	10000	60.1	15.1	<9.53U
Methyl tert-butyl Ether	930	930	100000	<15.7U	<8.82U	<7.07U	<150U	<9.73U	<158U	<104U	<9.04U	<12.6U	<9.53U
Methylene Chloride	NC	50	100000	NA	NA	NA	NA	NA	NA	NA	<22.6U	NA	NA
Naphthalene	12000	12000	100000	<39.2U	<22.1U	<17.7U	2680	<24.3U	677	4260	<22.6U	41.1	<23.8U
n-Butylbenzene	12000	12000	100000	<78.5U	<44.1U	<35.3U	<752U	<48.6U	<791U	<522U	<45.2U	<63.1U	<47.7U
n-Propylbenzene	3900	3900	100000	<15.7U	<8.82U	<7.07U	1980	<9.73U	726	2390	60.3	223	<9.53U
o-Xylene	260	NC	NC	<15.7U	<8.82U	<7.07U	<150U	<9.73U	<158U	<104U	<9.04U	<12.6U	<9.53U
p-Isopropyltoluene	10000	NC	NC	NA	NA	NA	NA	NA	NA	NA	<45.2U	NA	NA
sec-Butylbenzene	11000	11000	100000	<15.7U	<8.82U	<7.07U	757	<9.73U	159	<104U	<9.04U	104	<9.53U
Styrene	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<22.6U	NA	NA
tert-Butylbenzene	5900	5900	100000	<39.2U	<22.1U	<17.7U	<376U	<24.3U	<395U	<261U	<22.6U	<31.6U	<23.8U
Tetrachloroethene	NC	1300	19000	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
Toluene	700	700	100000	<15.7U	<8.82U	<7.07U	<150U	<9.73U	<158U	<104U	67.1	<12.6U	<9.53U
trans-1,2-Dichloroethene	NC	190	100000	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
trans-1,3-Dichloropropene	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
Trichloroethene	NC	470	21000	NA	NA	NA	NA	NA	NA	NA	52.8	NA	NA
Trichlorofluoromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA
Vinyl acetate	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	<22.6U	NA	NA
Vinyl chloride	NC	20	900	NA	NA	NA	NA	NA	NA	NA	<9.04U	NA	NA

Volatile Organics (ug/kg)

Analyte	NY-CP51	NY-UNRES	NY-RESRR	PE-1	PE-2	PE-3	PE-4	PE-5	PE-6	PE-7	PE-8	PE-10	PE-11	PE-12
1,1,1-Trichloroethane	NC	680	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NC	270	26000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	NC	330	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3600	3600	52000	<8.12U	<8.89U	<8.53U	<10.4U	<9.05U	169000	2170	2510	98400	4370	750
1,2-Dichlorobenzene	NC	1100	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NC	20	3100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8400	8400	52000	<8.12U	<8.89U	<8.53U	<10.4U	<9.05U	69400	3330	874	26700	1810	626
1,3-Dichlorobenzene	NC	2400	49000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NC	1800	13000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	NC	120	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl vinyl Ether	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NC	50	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	60	60	4800	<8.12U	<8.89U	<8.53U	<10.4U	<9.05U	<1370U	<52.0U	<40.4U	<4290U	<32.7U	<76.5U
Bromodichloromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NC	760	2400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NC	1100	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NC	370	49000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NC	250	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1000	1000	41000	<8.12U	<8.89U	<8.53U	<10.4U	<9.05U	6220	2090	<40.4U	34100	<32.7U	156
Isopropylbenzene	2300	NC	NC	<40.6U	<44.4U	<42.7U	<51.8U	<45.2U	<6830U	1080	<202U	<21500U	1300	<382U
m,p-Xylene	260	NC	NC	<8.12U	<8.89U	<8.53U	<10.4U	<9.05U	37000	1140	279	37500	365	762
Methyl tert-butyl Ether	930	930	100000	<8.12U	<8.89U	<8.53U	<10.4U	<9.05U	<1370U	<52.0U	<40.4U	<4290U	<32.7U	<76.5U
Methylene Chloride	NC	50	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12000	12000	100000	<20.3U	<22.2U	<21.3U	<25.9U	<22.6U	17900	2750	308	<10700U	547	319
n-Butylbenzene	12000	12000	100000	<40.6U	<44.4U	<42.7U	<51.8U	<45.2U	<6830U	<260U	<202U	<21500U	<164U	<382U
n-Propylbenzene	3900	3900	100000	<8.12U	<8.89U	<8.53U	<10.4U	<9.05U	21100	1560	469	16400	622	<76.5U
o-Xylene	260	NC	NC	<8.12U	<8.89U	<8.53U	<10.4U	<9.05U	<1370U	108	<40.4U	<4290U	<32.7U	503
p-Isopropyltoluene	10000	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11000	11000	100000	<8.12U	<8.89U	<8.53U	<10.4U	<9.05U	4430	497	181	<4290U	537	<76.5U
Styrene	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5900	5900	100000	<20.3U	<22.2U	<21.3U	<25.9U	<22.6U	<3420U	<130U	<101U	<10700U	<81.9U	<191U
Tetrachloroethene	NC	1300	19000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	700	700	100000	<8.12U	<8.89U	<8.53U	<10.4U	<9.05U	<1370U	<52.0U	<40.4U	<4290U	<32.7U	171
trans-1,2-Dichloroethene	NC	190	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NC	470	21000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Volatile Organics (ug/kg)

				PE-1	PE-2	PE-3	PE-4	PE-5	PE-6	PE-7	PE-8	PE-10	PE-11	PE-12
Trichlorofluoromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl acetate	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NC	20	900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

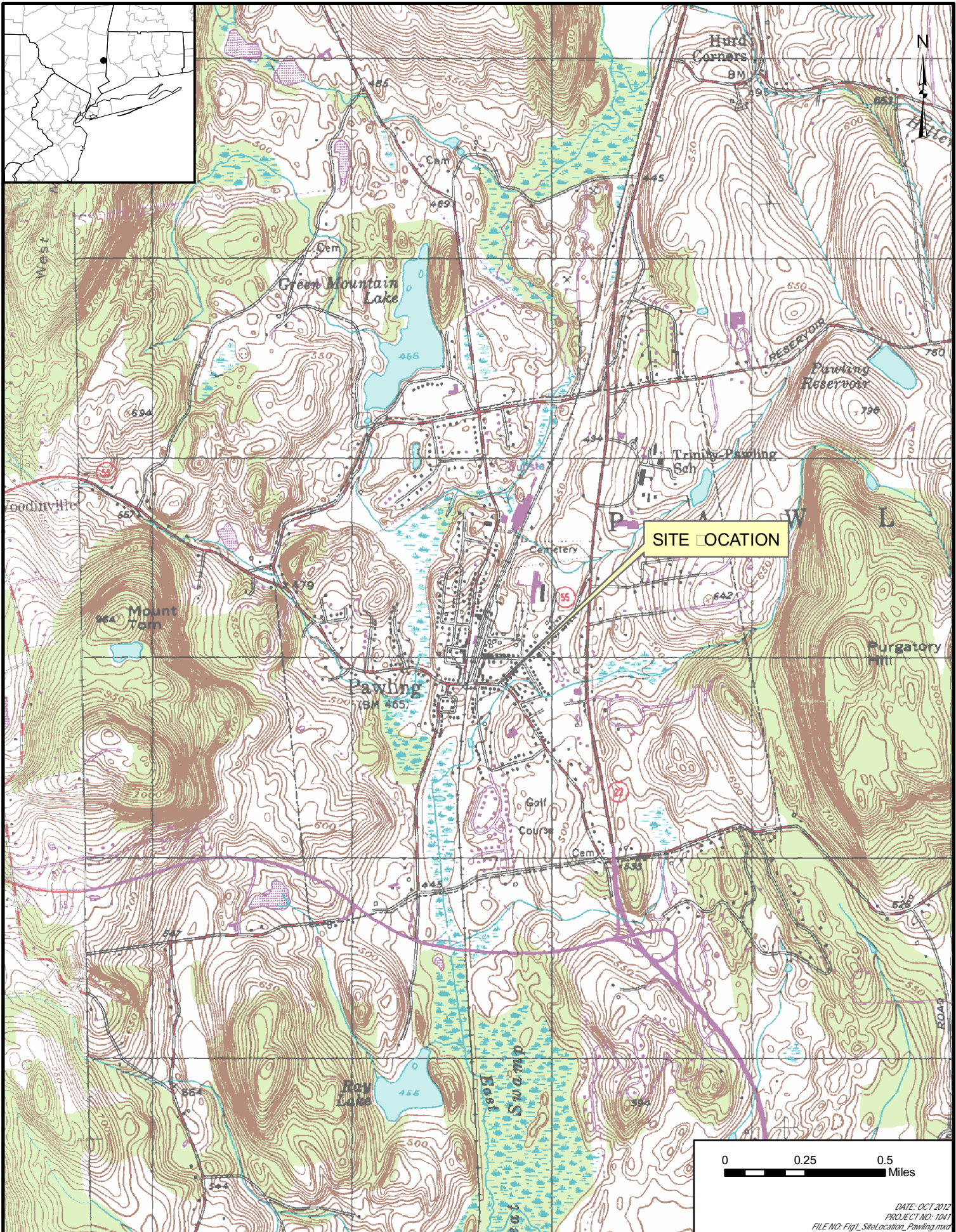
Analyte	NY-CP51	NY-UNRES	NY-RESRR	PE-13	PE-14	PE-15	PE-16	PE-17	PE-18	PE-19	PE-20	PE-21	PE-22
1,1,1-Trichloroethane	NC	680	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NC	270	26000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	NC	330	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3600	3600	52000	61.9	15.4	<9.33U	<9.59U	30.7	<69.5U	<11.6U	250	93200	153
1,2-Dichlorobenzene	NC	1100	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NC	20	3100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8400	8400	52000	85.6	11.4	<9.33U	<9.59U	78.4	<69.5U	<11.6U	135	29500	113
1,3-Dichlorobenzene	NC	2400	49000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NC	1800	13000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	NC	120	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl vinyl Ether	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NC	50	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	60	60	4800	<17.2U	<9.65U	<9.33U	<9.59U	<7.16U	<69.5U	<11.6U	<12.9U	<14600U	<11.5U
Bromodichloromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NC	760	2400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NC	1100	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NC	370	49000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NC	250	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1000	1000	41000	<17.2U	<9.65U	<9.33U	<9.59U	<7.16U	<69.5U	<11.6U	34.6	20200	23
Isopropylbenzene	2300	NC	NC	<86.1U	<48.2U	<46.7U	<47.9U	<35.8U	<348U	<58.1U	<64.4U	<73000U	<57.4U
m,p-Xylene	260	NC	NC	82.5	15.7	<9.33U	<9.59U	41.2	<69.5U	<11.6U	360	559000	167
Methyl tert-butyl Ether	930	930	100000	<17.2U	<9.65U	<9.33U	<9.59U	<7.16U	<69.5U	<11.6U	<12.9U	<14600U	<11.5U
Methylene Chloride	NC	50	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12000	12000	100000	<43.0U	<24.1U	<23.3U	<24.0U	<17.9U	<174U	49.4	73.2	<36500U	365
n-Butylbenzene	12000	12000	100000	<86.1U	<48.2U	<46.7U	<47.9U	<35.8U	<348U	<58.1U	<64.4U	<73000U	<57.4U
n-Propylbenzene	3900	3900	100000	<17.2U	<9.65U	<9.33U	<9.59U	<7.16U	<69.5U	<11.6U	39.6	<14600U	41.9
o-Xylene	260	NC	NC	42.2	<9.65U	<9.33U	<9.59U	19.5	<69.5U	<11.6U	<12.9U	<14600U	<11.5U
p-Isopropyltoluene	10000	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11000	11000	100000	<17.2U	<9.65U	<9.33U	<9.59U	<7.16U	<69.5U	<11.6U	<12.9U	<14600U	21.4
Styrene	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5900	5900	100000	<43.0U	<24.1U	<23.3U	<24.0U	<17.9U	<174U	<29.0U	<32.2U	<36500U	<28.7U

Volatile Organics (ug/kg)

				PE-13	PE-14	PE-15	PE-16	PE-17	PE-18	PE-19	PE-20	PE-21	PE-22
Tetrachloroethene	NC	1300	19000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	700	700	100000	<17.2U	<9.65U	<9.33U	<9.59U	<7.16U	<69.5U	<11.6U	<12.9U	<14600U	<11.5U
trans-1,2-Dichloroethene	NC	190	100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NC	470	21000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl acetate	NC	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NC	20	900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

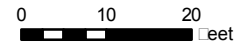
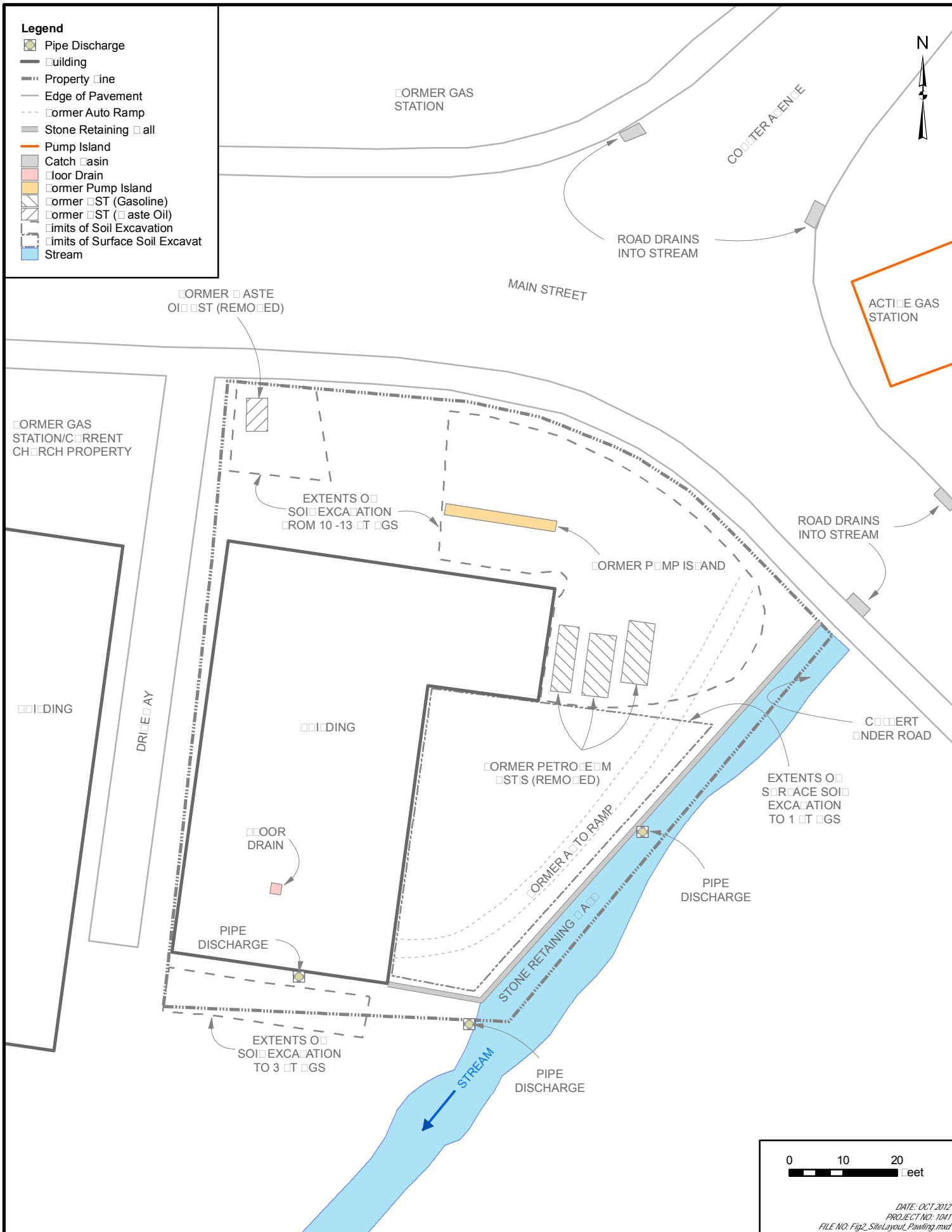
Notes:

1. Unrestricted, and Restricted Residential Soil Cleanup Objectives (SCOs) table 375-6.8(b) and CP-51 Table 1 from NYSDEC Remedial Program Soil Cleanup Objectives (6 New York Codes, Rules and Regulations [NYCRR] 375-6).
2. Bold and Shaded values exceed criteria from either the Unrestricted or Restricted Residential Soil Cleanup Objectives, or criteria from CP-51 Table 1.
3. NA indicates Not Analyzed.
4. NC indicates No Criteria for analyte.



Legend

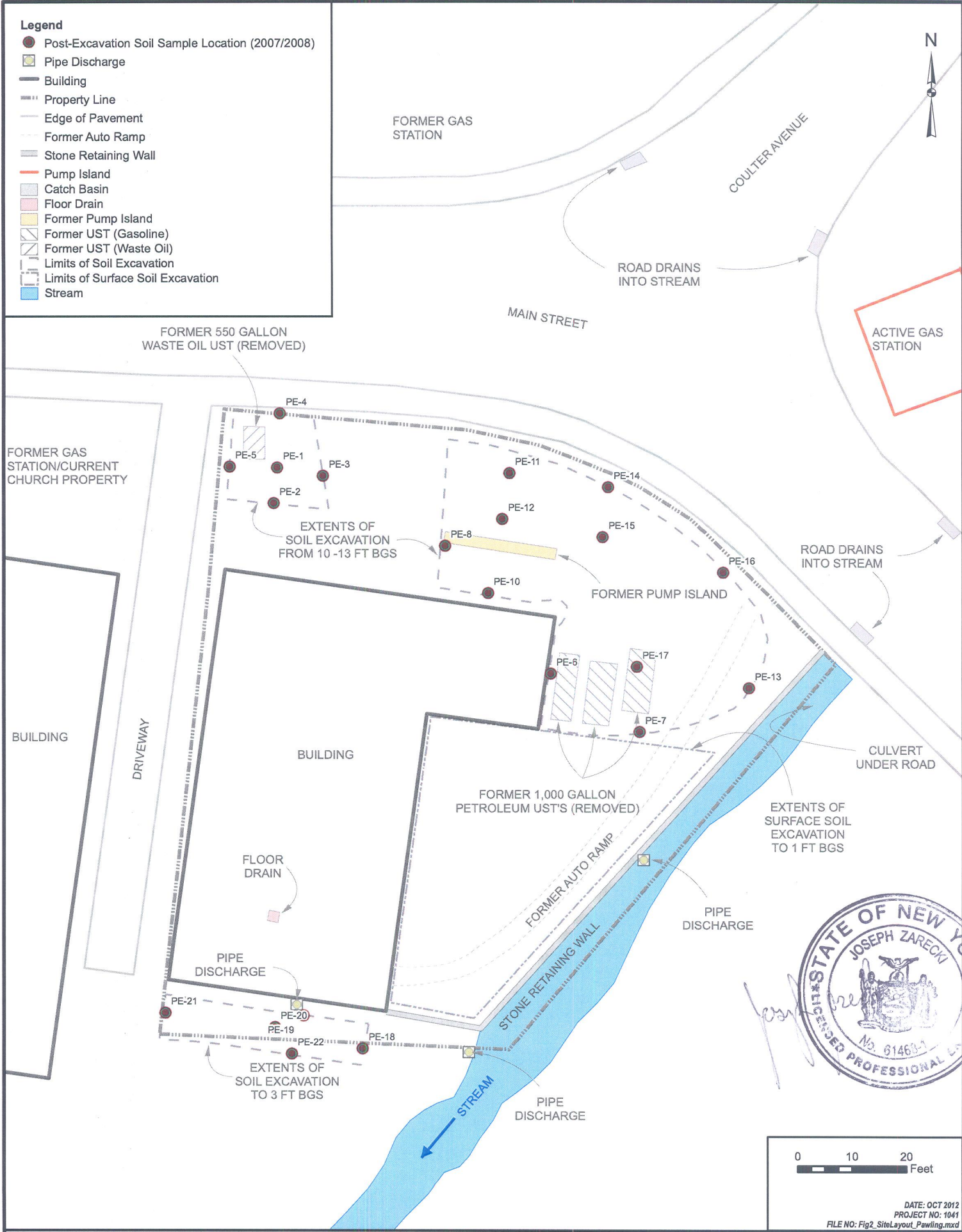
- Pipe Discharge
- Building
- Property Line
- Edge of Pavement
- Former Auto Ramp
- Stone Retaining Wall
- Pump Island
- Catch Basin
- Floor Drain
- Former Pump Island
- Former ST (Gasoline)
- Former ST (Waste Oil)
- Limits of Soil Excavation
- Limits of Surface Soil Excavation
- Stream



DATE: OCT 2012
 PROJECT NO: 1041
 FILE NO: Fig2_SiteLayout_Pawling.mxd

Legend

- Post-Excavation Soil Sample Location (2007/2008)
- Pipe Discharge
- ▭ Building
- ▭ Property Line
- Edge of Pavement
- Former Auto Ramp
- ▭ Stone Retaining Wall
- ▭ Pump Island
- ▭ Catch Basin
- ▭ Floor Drain
- ▭ Former Pump Island
- ▭ Former UST (Gasoline)
- ▭ Former UST (Waste Oil)
- - - Limits of Soil Excavation
- - - Limits of Surface Soil Excavation
- ▭ Stream

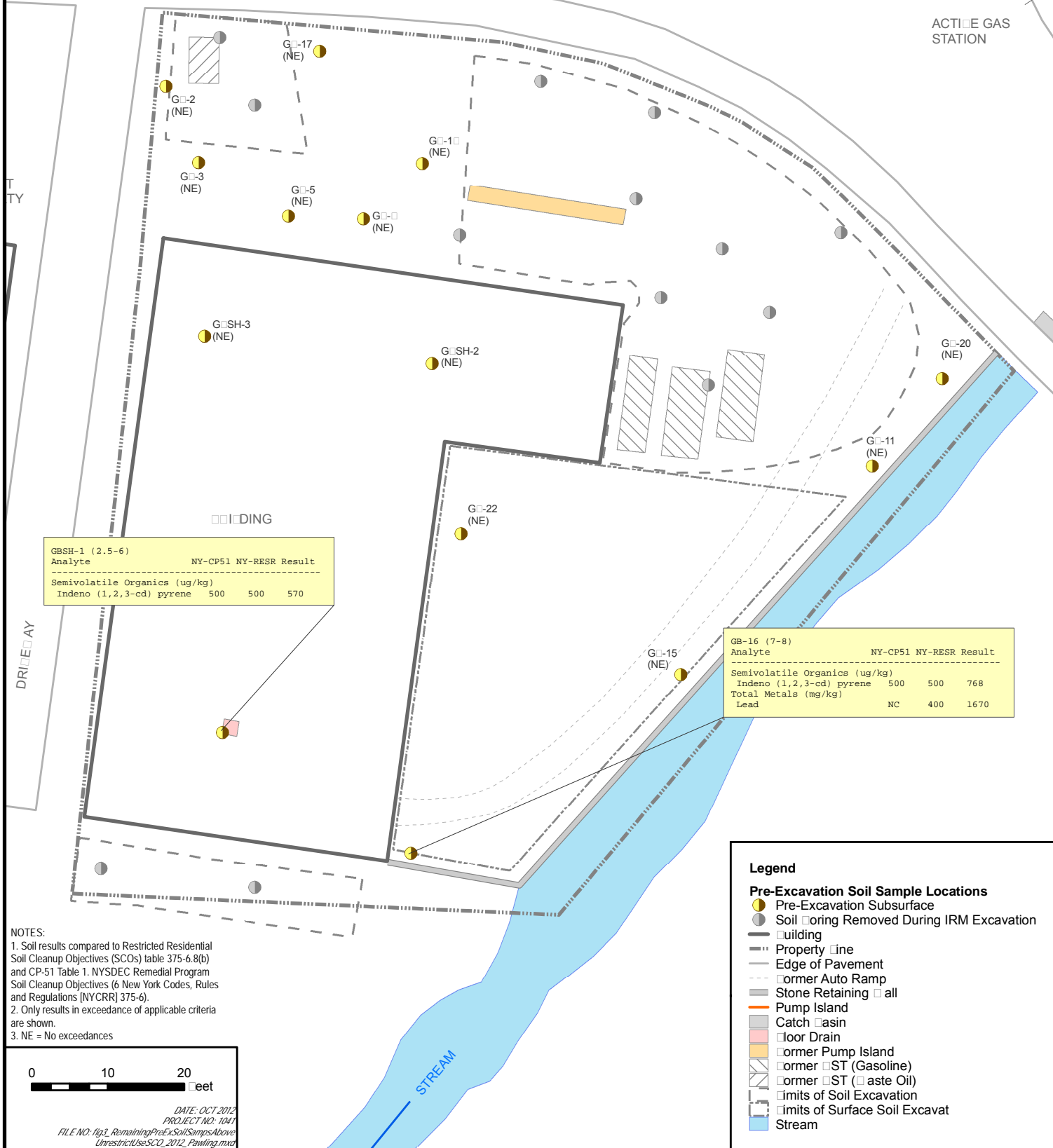


DATE: OCT 2012
PROJECT NO: 1041
FILE NO: Fig2_SiteLayout_Pawling.mxd



MAIN STREET

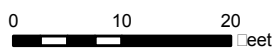
ACTIVE GAS STATION



GBSH-1 (2.5-6)		
Analyte	NY-CP51 NY-RESR Result	
Semivolatile Organics (ug/kg)		
Indeno (1,2,3-cd) pyrene	500	570

GB-16 (7-8)		
Analyte	NY-CP51 NY-RESR Result	
Semivolatile Organics (ug/kg)		
Indeno (1,2,3-cd) pyrene	500	768
Total Metals (mg/kg)		
Lead	NC	1670

NOTES:
 1. Soil results compared to Restricted Residential Soil Cleanup Objectives (SCOs) table 375-6.8(b) and CP-51 Table 1. NYSDEC Remedial Program Soil Cleanup Objectives (6 New York Codes, Rules and Regulations [NYCRR] 375-6).
 2. Only results in exceedance of applicable criteria are shown.
 3. NE = No exceedances



DATE: OCT 2012
 PROJECT NO: 1041
 FILE NO: fig2_RemainingPreExcSoilSampsAboveUnrestrictedUseSCOs_2012_Pawling.mxd



CORNERSTONE ENTERPRISES
PAWLING, NEW YORK

FIGURE 4 - REMAINING
PRE-EXCAVATION SOIL SAMPLES
ABOVE UNRESTRICTED USE SCOS

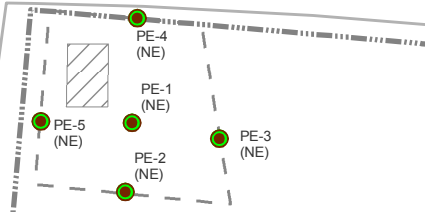


ACTIVE GAS STATION

FORMER GAS STATION/CURRENT CHURCH PROPERTY

PE-12 Analyte NY-CP51 NY-RESR Result			
Volatile Organics (ug/kg)			
m,p-Xylene	260	NC	762
o-Xylene	260	NC	503

PE-11 Analyte NY-CP51 NY-RESR Result			
Volatile Organics (ug/kg)			
1,2,4-Trimethylbenzene	3600	3600	4370
m,p-Xylene	260	NC	365



PE-8 Analyte NY-CP51 NY-RESR Result			
Volatile Organics (ug/kg)			
m,p-Xylene	260	NC	279

PE-10 Analyte NY-CP51 NY-RESR Result			
Volatile Organics (ug/kg)			
Ethylbenzene	1000	1000	34100
n-Propylbenzene	3900	3900	16400
1,2,4-Trimethylbenzene	3600	3600	98400
1,3,5-Trimethylbenzene	8400	8400	26700
m,p-Xylene	260	NC	37500

PE-6 Analyte NY-CP51 NY-RESR Result			
Volatile Organics (ug/kg)			
Ethylbenzene	1000	1000	6220
n-Propylbenzene	3900	3900	21100
Naphthalene	12000	12000	17900
1,2,4-Trimethylbenzene	3600	3600	169000
1,3,5-Trimethylbenzene	8400	8400	69400
m,p-Xylene	260	NC	37000

BUILDING

PE-21 Analyte NY-CP51 NY-RESR Result			
Volatile Organics (ug/kg)			
Ethylbenzene	1000	1000	20200
1,2,4-Trimethylbenzene	3600	3600	93200
1,3,5-Trimethylbenzene	8400	8400	29500
m,p-Xylene	260	NC	559000
Semivolatile Organics (ug/kg)			
Benzo (a) anthracene	1000	1000	2320
Benzo (a) pyrene	1000	1000	2520
Benzo (b) fluoranthene	1000	1000	2360
Benzo (k) fluoranthene	800	800	2200
Chrysene	1000	1000	3320
Indeno (1,2,3-cd) pyrene	500	500	1820

PE-7 Analyte NY-CP51 NY-RESR Result			
Volatile Organics (ug/kg)			
Ethylbenzene	1000	1000	2090
m,p-Xylene	260	NC	1140

NOTES:
 1. Soil results compared to Restricted Residential Soil Cleanup Objectives (SCOs) table 375-6.8(b) and CP-51 Table 1. NYSDEC Remedial Program Soil Cleanup Objectives (6 New York Codes, Rules and Regulations [NYCRR] 375-6).
 2. Only results in exceedance of applicable criteria are shown.
 3. All units in ppm.
 4. NE = No exceedances
 5. Results for post excavation samples for soil ramp excavation SS-1D to SS-6D are shown on Figure 7



PE-20 Analyte NY-CP51 NY-RESR Result			
Volatile Organics (ug/kg)			
m,p-Xylene	260	NC	360

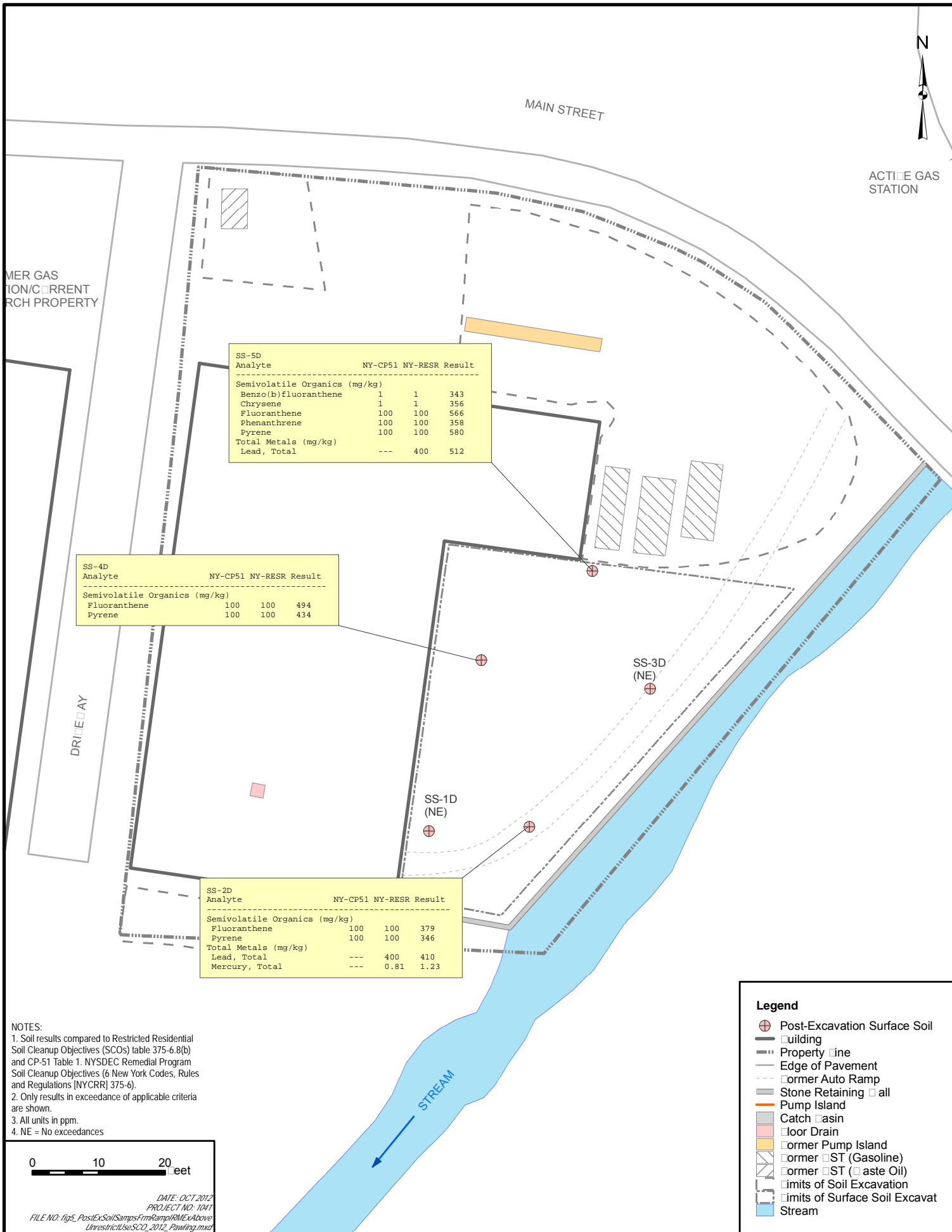
Legend

- Post-Excavation Soil Sample Location
- Building
- Property Line
- Edge of Pavement
- Former Auto Ramp
- Stone Retaining Wall
- Pump Island
- Catch Basin
- Floor Drain
- Former Pump Island
- Former ST (Gasoline)
- Former ST (Waste Oil)
- Limits of Soil Excavation
- Limits of Surface Soil Excavation
- Stream

DATE: OCT 2012
 PROJECT NO: 1041
 FILE NO: fig4_PostExcSoilSampsFromUSTandFloorDrainIRMX AboveUnrestrictedUseSCO_2012_Pawling.mxd



CORNERSTONE ENTERPRISES PAWLING, NEW YORK **FIGURE 5 - POST-EXCAVATION SOIL SAMPLES FROM UST AND FLOOR DRAIN IRM EXCAVATION ABOVE UNRESTRICTED USE SCOS**

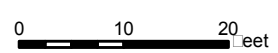


SS-5D Analyte	NY-CP51	NY-RESR	Result
Semivolatile Organics (mg/kg)			
Benzo(b)fluoranthene	1	1	343
Chrysene	1	1	356
Fluoranthene	100	100	566
Phenanthrene	100	100	358
Pyrene	100	100	580
Total Metals (mg/kg)			
Lead, Total	---	400	512

SS-4D Analyte	NY-CP51	NY-RESR	Result
Semivolatile Organics (mg/kg)			
Fluoranthene	100	100	494
Pyrene	100	100	434

SS-2D Analyte	NY-CP51	NY-RESR	Result
Semivolatile Organics (mg/kg)			
Fluoranthene	100	100	379
Pyrene	100	100	346
Total Metals (mg/kg)			
Lead, Total	---	400	410
Mercury, Total	---	0.81	1.23

- NOTES:
1. Soil results compared to Restricted Residential Soil Cleanup Objectives (SCOs) table 375-6.8(b) and CP-51 Table 1. NYSDEC Remedial Program Soil Cleanup Objectives (6 New York Codes, Rules and Regulations [NYCRR] 375-6).
 2. Only results in exceedance of applicable criteria are shown.
 3. All units in ppm.
 4. NE = No exceedances



DATE: OCT 2012
 PROJECT NO: 1041
 FILE NO: fig6_PostExSoilSampsFromRampIRMExAboveUnrestrictedUseSCO_2012_Pawling.mxd







- Legend**
- ⊕ Post-Excavation Surface Soil
 - ▭ Building
 - Property Line
 - Edge of Pavement
 - ▭ Former Auto Ramp
 - ▭ Stone Retaining Wall
 - ▭ Pump Island
 - ▭ Catch Basin
 - ▭ Floor Drain
 - ▭ Former Pump Island
 - ▭ Former ST (Gasoline)
 - ▭ Former ST (Waste Oil)
 - ▭ Limits of Soil Excavation
 - ▭ Limits of Surface Soil Excavation
 - ▭ Stream

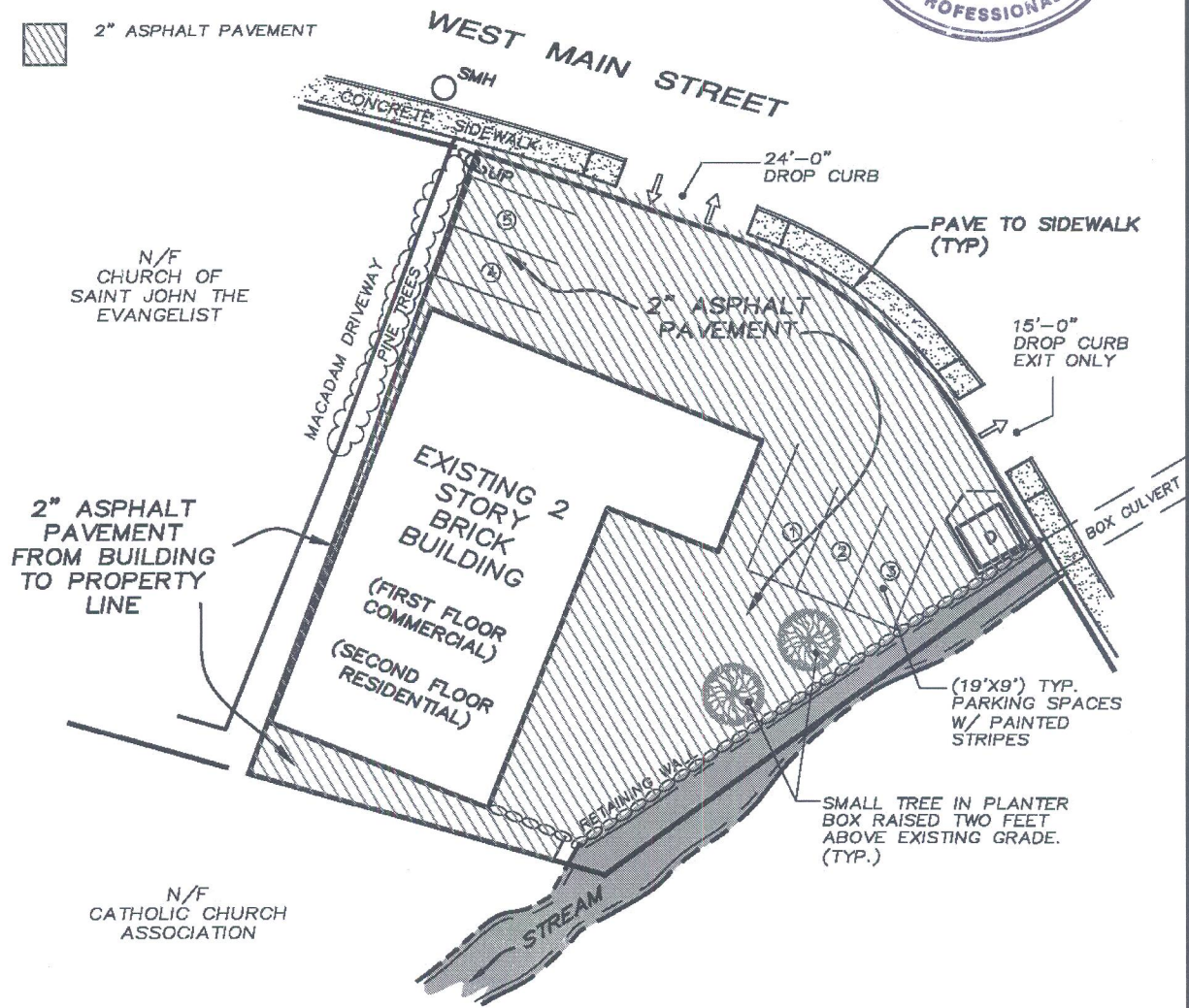


CORNERSTONE ENTERPRISES
 PAWLING, NEW YORK

FIGURE 6 - POST-EXCAVATION SOIL SAMPLES FROM RAMP IRM EXCAVATION ABOVE UNRESTRICTED USE SCOS

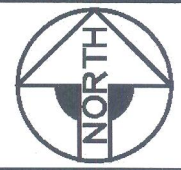
LEGEND

-  SEWER MANHOLE
-  UTILITY POLE
-  STONE WALL
-  DUMPSTER
-  PARKING SPACE & NUMBER
-  2" ASPHALT PAVEMENT



SITE PLAN

CORNERSTONE ENTERPRISES
TOWN OF PAWLING, DUTCHESS COUNTY, NEW YORK

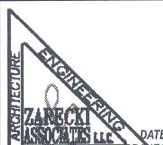


SCALE: 1"=30'	APPROVED BY: JZ	DESIGN BY:	DRAWN BY:
DATE: 9/17/12	PROJECT NO. 2005.071		

ZARECKI & ASSOCIATES, L.L.C.

Consulting Engineers - Land Surveyors - Architects
 11 West Main St. Pawling, NY 12564
 845.855.3771
 Ridgefield, CT 06877
 203.438.7094

APPENDIX
C



FILE NO: 2005.071 DATE: OCT 2012 PROJECT NO: 1005.071 845.855.3771 (Fax)



CORNERSTONE ENTERPRISES
PAWLING, NEW YORK

FIGURE 7
EXTENT OF COMPOSITE CAP

Appendix A

Metes and Bounds Survey, Environmental Easement and Proof of Filing

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the New York Environmental Conservation Law.

THE ENGINEERING AND INSTITUTIONAL CONTROLS for the Easement are set forth in more detail in the Site Management Plan ("SMP"). A copy of the SMP must be obtained by any party with an interest in the property. The SMP may be obtained from the New York State Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233 or at derweb@gw.dec.state.ny.us.

ENGINEERING / INSTITUTIONAL CONTROLS

Land Use - The use and development of the site is limited to Restricted Residential, Commercial and Industrial uses only as described in 6 NYCRR Part 375-1.8 (g)(2)(i), (iii) and (iv).

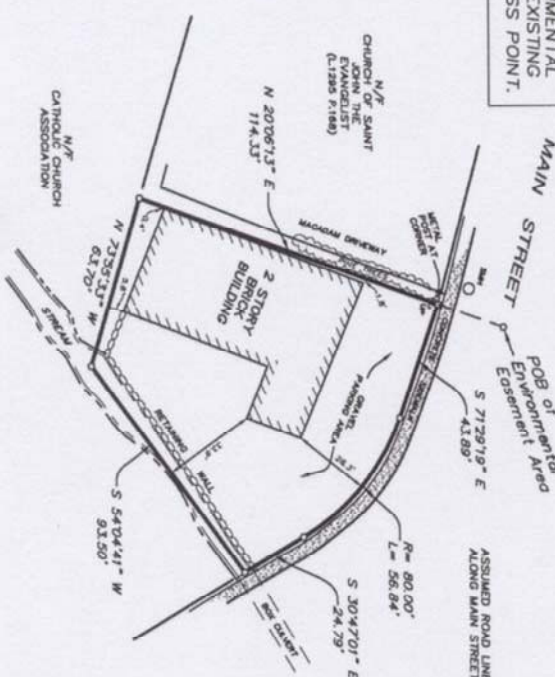
ENVIRONMENTAL EASEMENT AREA ACCESS

THE DEC OR THEIR AGENT MAY ACCESS THE ENVIRONMENTAL EASEMENT AREA AS SHOWN HEREON THROUGH ANY EXISTING STREET ACCESS OR BUILDING INGRESS/EGRESS ACCESS POINT.

ENVIRONMENTAL EASEMENT DESCRIPTION

METS AND BOUNDS DESCRIPTION AS PER DEED LIBER 1834 PAGE 524 MAY 8, 1985.

...BEGINNING IN THE CENTER OF THE HIGHWAY LEADING FROM THE CATHOLIC CHURCH TO THE RESIDENCE OF DAVID SCOLLY AT THE NORTHEAST CORNER OF LANDS OF PATRICK HEALY; RUNNING THENCE SOUTHERLY WITH SAID HEALY'S LAND TO LANDS OF ALEXANDER ALLEN, LATELY DECEASED; THENCE EASTERLY WITH THE SAID ALLEN'S LAND AS THE FENCE NOW STANDS TO THE CENTER OF A BROOK OF WATER; THENCE NORTHERLY IN THE SAID BROOK TO THE CENTER OF A BRIDGE OVER SAID BROOK; THENCE IN THE CENTER OF THE HIGHWAY TO THE PLACE OF BEGINNING.



THIS SURVEY HAS BEEN REVISED WITH THE BENEFIT OF STEWART TITLE INSURANCE COMPANY TITLE POLICY NO. RNT-03320-12, DATED 5/7/2012.

- CREDITED TO:**
1. PEOPLE OF THE STATE OF NEW YORK ACTING THROUGH ITS COMMISSIONER OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 2. STEWART TITLE INSURANCE COMPANY
 3. CORNERSTONE ENTERPRISES, INC.

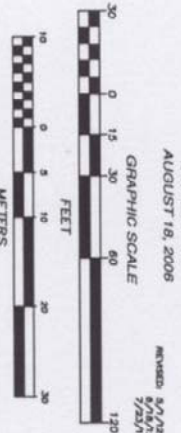
METS AND BOUNDS DESCRIPTION PER SURVEY:

1. BEGINNING AT A POINT ON THE SOUTHERLY LINE OF MAIN STREET HEREIN AND THE NORTHEAST CORNER OF LANDS NOW ON FORMERLY CHURCH OF SAINT JOHN THE EVANGELIST, (LIBER 1295, PAGE 188), RUNNING THENCE EASTERLY ALONG THE SOUTHERLY LINE OF MAIN STREET TO THE POINT OF BEGINNING.
2. SOUTHEASTERLY ON A CURVE TO THE RIGHT HAVING A RADIUS OF 80.00' AND AN ARC LENGTH OF 58.81'.
3. S 71°29'19" E 43.89' TO A POINT OF TANGENCY, DISCONNECTED HEREIN AND THE NORTHEAST CORNER OF LANDS NOW ON FORMERLY CATHOLIC CHURCH.
4. S 54°04'41" W 93.50', THROUGH THE STREAM, TO A POINT.
5. N 23°55'33" W 63.70', TO THE SOUTHWEST CORNER OF THE PROPERTY DESCRIBED HEREON AND FORMERLY CHURCH OF SAINT JOHN THE EVANGELIST (LIBER 1295, PAGE 188).
6. N 20°06'13" E 114.33', BACK TO THE POINT OF BEGINNING.

AREA =
10,172 sq. ft.
0.23 acres
REFERENCE DEED LIBER 1834, PAGE 524
DEED #2-2003-7285

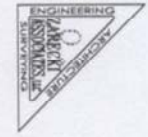
VILLAGE OF PAWLING TAX
LOT 7058-05-071977
33 EAST MAIN STREET
PAWLING, N.Y. 12564

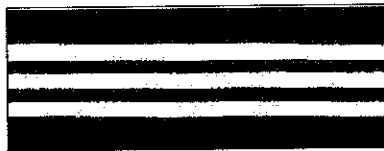
SURVEY OF PROPERTY
PREPARED FOR
CORNERSTONE ENTERPRISES, INC.
(D.E.C. SITE NO. C314116)
SITUATE IN THE
VILLAGE OF PAWLING
DUTCHESS COUNTY, NEW YORK
SCALE: 1"=30'
AUGUST 18, 2006



REVISIONS:
8/2/06
7/23/12

ZARRELLI & ASSOCIATES, LLC
REGISTERED PROFESSIONAL ENGINEERS
11 WEST MAIN STREET, VALHALLA, NEW YORK, 12584
TEL: 845-268-5271





Dutchess County Clerk Recording Page

Record & Return To :

ROCKLAND ABSTRACT CORP
19 SQUADRON BLVD
2ND FLOOR
NEW CITY, NY 10956-

Date Recorded : 10/22/2012

Time Recorded : 3:29:00

Document # : 02 2012 4894

Received From : ROCKLAND ABSTRACT CORP

Grantor : CORNERSTONE ENTERPRISES INC

Grantee : NYS PEOPLE

Recorded In : Deed

Instrument Type : EASE

Tax District : Pawling

Examined and Charged As Follows :

Recording Charge : \$100.00

Transfer Tax Amount : \$0.00

Transfer Tax Number : #1280

Red Hook Transfer Tax :

E & A Form: N

TP-584 : Y

Number of Pages : 11

*** Do Not Detach This Page

*** This Is Not A Bill

County Clerk By : ace / _____

Receipt # : R58673

Batch Record : B60

Bradford Kendall
County Clerk



0220124894



(11) 11/29/12 9:55 AM TOD

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 4th day of October, 2012 between Owner(s) Cornerstone Enterprises, Inc., having an office at 10 Liffland Lane, Pawling, New York 12564 (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233.

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 33 East Main Street in the Town of Pawling, County of Dutchess and State of New York, known and designated on the tax map of the County Clerk of Dutchess as tax map parcel numbers: Section 7056 Block 05 Lot 071977, being the same as that property conveyed to Grantor by deed dated September 4, 2003 and recorded on September 08, 2003 in the Dutchess County Clerk's Office as Document Number 02/2003/7285. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 0.23 +/- acres, and is hereinafter more fully described in the Land Title Survey dated August 18, 2006 and revised on July 23, 2012 prepared by Jeffrey Hecker, L.S., of Zarecki & Associates, LLC, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

SCHEDULE "A" PROPERTY DESCRIPTION

Property Address : 33 East Main Street, Village and Town of Pawling, Dutchess County
Tax Map: 7056-05-071977

METES AND BOUNDS DESCRIPTION AS PER DEED LIBER 1834, PAGE 524, MAY 9, 1989;

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, situate, lying and being in the Village and Town of Pawling, County of Dutchess, State of New York, bounded and described as follows:

Beginning in the center of the highway leading from the Catholic Church to the residence of David Scully at the northeast corner of lands of Patrick Healy;
running thence southerly with said Healy's land to lands of Alexander Allen, lately deceased;
thence easterly with the said Allen's land as the fence now stands to the center of a brook of water;
thence northerly in the said brook to the center of a bridge over same;
thence westely in the center of the highway to the place of beginning.

METES AND BOUNDS DESCRIPTION PER SURVEY;

BEGINNING at a point on the southerly line of Main Street at the northwest corner of the property described herein and the northeast corner of lands now or formerly Church of Saint John the Evangelist, (Liber 1295, page 168), running thence easterly along the southerly line of Main Street the following three courses and distance,

1. S 71°29'19" E, 43.89', to a point of tangency,
 2. Southeasterly on a curve to the right having a radius of 80.00' and an arc length of 56.84',
 3. S 30°47'01" E, 24.79', to a point in a stream at the northeast corner of the property described herein and the northeast corner of lands now or formerly Catholic Church Association,
 4. S 54°04'41" W, 93.50', through the stream, to a point,
 5. N 73°55'33" W, 63.70', to the southwest corner of the property described herein and the southeast corner of lands now or formerly Church of Saint John the Evangelist (Liber 1295, page 168),
 6. N 20°06'13" E, 114.33', back to the point of beginning.
- Containing 0.23 acres.

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: W3-1099-06-10, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement")

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.
2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.
 - A. (1) The Controlled Property may be used for:

**Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii),
Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial
as described in 6 NYCRR Part 375-1.8(g)(2)(iv)**
 - (2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);
 - (3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP.
 - (4) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
 - (5) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;
 - (6) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;
 - (7) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP.
 - (8) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP.

(9) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall annually, or such time as NYSDEC may allow, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

- (1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).
- (2) the institutional controls and/or engineering controls employed at such site:
 - (i) are in-place;
 - (ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and
 - (iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;
- (3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;
- (4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;
- (5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;
- (6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and
- (7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to: Site Number: C314116
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to: Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by
[6/11]



Dutchess County Clerk
22 Market Street
Poughkeepsie, N.Y. 12601
(845) 486-2134

Batch# User
A34 gem

Receipt # Date Time
63250 11/16/2012 10:46:00 AM

Received From: ROCKLAND ABSTRACT CORP
Fee Total: \$10.00

Document	Account	Amount	Comment	Pages
38 NEW FILED MAP # 12418	030 File, Record, Other Papers	10.00	v/pawling survey of property cornerstone enterprises	1

Name CORNERSTONE ENTERPRISES INC

MAP

12418

Appendix B
Daily Reports

Inspector's Daily Report

CONTRACTOR: Outdoor Concepts, Inc.
ADDRESS: 502 Gardner Hollow Road, Poughquag, New York 12570

TELEPHONE: 914-447-5749

LOCATION Cornerstone Enterprises, Inc., 33 East Main St., Pawling, NY **FROM** _____ **TO** _____

WEATHER Sunny **TEMP** 41° **A.M.** **P.M.** **DATE** 10/1/12

CONTRACTOR'S WORK FORCE AND EQUIPMENT											
DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Equipment			Front Loader Ton		
Superintendent	X		Ironworker			Generators			Bulldozer		
						Welding Equip.					
Laborer Foreman	X		Carpenter								
Laborer									Backhoe		
Operating Engineer	X		Concrete Finisher						John Deere 350		
Carpenter						Paving Equip. & Roller			Roller Backer RD 100		
						Air compressor					

SEE REVERSE SIDE FOR SKETCH YES NO

WORK PERFORMED: General cleaning of the weeds on the site; continue grading the site and removed the standpipe of the monitoring wells and grouted the wells (except for G-10, M-10, G-9). Contractor hauling and placing the 3/4" washed gravel on the prepared subgrade. It was noted that the silt fence was in place. Two (2) site visits on this day in the a.m. and the p.m.

PAY ITEMS

CONTRACT		STA		DESCRIPTION	QUANTITY	REMARKS
Number	ITEM	FROM	TO			
				N/A		

TEST PERFORMED: Yes

PICTURES TAKEN: _____

VISITORS: _____

QA PERSONNEL

SIGNATURE _____

REPORT NUMBER 2

SHEET 1 **Of** 1

Inspector's Daily Report

CONTRACTOR: Outdoor Concepts, Inc.
 ADDRESS: 502 Gardner Hollow Road, Poughquag, New York 12570

TELEPHONE: 914-447-5749

LOCATION Cornerstone Enterprises, Inc., 33 East Main St., Pawling, NY FROM _____ TO _____

WEATHER Sunny TEMP 60° A.M. _____ P.M. _____ DATE 10/22/12

CONTRACTOR'S WORK FORCE AND EQUIPMENT											
DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#	DESCRIPTION	H	#
Field Engineer						Equipment			Front Loader Ton		
Superintendent	X		Ironworker			Generators			Bulldozer		
						Welding Equip.					
Laborer Foreman	X		Carpenter								
Laborer									Backhoe		
Operating Engineer	X		Concrete Finisher						John Deere 350		1
Carpenter						Paving Equip. & Roller			Roller Backer RD 100		
						Air compressor					

SEE REVERSE SIDE FOR SKETCH YES NO

WORK PERFORMED: Contractor onsite preparing the site for scheduled asphalt on 10/23/12; the subbase was drying out nicely from the rain on Friday, 10/19/12. The Contractor place permanent cast iron protective covers over the Monitoring wells remain (G-10, M-10 and G-9). The Contractor cut of the water valve stem that was too high flush with to make flush with proposed grade of asphalt. No excavation was required for this.

PAY ITEMS

CONTRACT		STA		DESCRIPTION	QUANTITY	REMARKS
Number	ITEM	FROM	TO			
				N/A		

TEST PERFORMED: _____
 PICTURES TAKEN: Yes

QA PERSONNEL
 SIGNATURE _____

VISITORS: _____

REPORT NUMBER 4
 SHEET 1 Of _____

Appendix C

Photo Log of Site Remediation

PHOTO 1.

Site clearing and grubbing.



PHOTO 2.

Site clearing and grubbing.



PHOTO 3.

Site clearing completed.



PHOTO 4.

Monitoring well abandonment by filling with grout.



PHOTO 5

Site monitoring well abandonment by filling with grout.



PHOTO 6

Compaction prior to site paving.



PHOTO 7

Site area prepared for paving.



PHOTO 8

East side of building surface conditions after completion of composite cap.



PHOTO 9

North side of building surface conditions after completion of composite cap.



PHOTO 10

South side of building surface conditions after completion of composite cap.



PHOTO 11

Typical monitoring well surface completion after site remediation activities completed.



Appendix D

Imported Backfill Sieve Results and NYS DEC Approval

Cahill Industries Corp
138 Kent Road
Wassalco, New York 12592
845-373-8200
845-373-7132

Project:

August 24, 2010

1/4 Stone

<u>Sieve</u>	<u>Retained wgt.</u>	<u>%Retained</u>	<u>% Passing</u>
1/2	0.0	0.0	100.0
1/4	102.0	20.7	79.3
1/8	385.9	78.5	0.8
#200	3.0	0.6	0.1
Pan	0.7	0.1	*
Total	<hr/> 491.6	<hr/> 100.0	

Pete Nimmer

From: Jamie Verrigni [mailto:jverrig@gw.dec.state.ny.us]
Sent: Thursday, October 04, 2012 3:34 PM
To: Pete Nimmer
Cc: kelliff@aol.com; George Heitzman; Joe Arecki PE
Subject: Re: Sieve analysis for backfill to be used at Cornerstone Enterprises Site, Pawling NY

Pete,

The Department approves the use of the proposed material as backfill under pavement for the Cornerstone site remediation.

Also, a pre-construction meeting is not necessary.

Jamie

Jamie L. Verrigni
Environmental Engineer
NYS Department of Environmental Conservation Division of Environmental Remediation Remedial Bureau C, Section A
625 Broadway, 11th Floor
Albany, NY 12233-7014
Phone: (518) 402-9662
Fax: (518) 402-9679

>>> "Pete Nimmer" <pnimmer@greenstarsolutions.com> 10/4/2012 3:08 PM >>>
Jamie - attached is the sieve analysis for the proposed material to be used as backfill under pavement for the Cornerstone site remediation. As noted less than 10% by weight passes through a #80 sieve. The source of the material is listed below.

Hudson Valley Sand and Gravel
138 Kent Road
Wassaic, NY 12592
845-373-8200

Please let me know if this material is acceptable for use at the site. No analytical samples of this material is planned as per this sieve analysis.

Also, as you know the site remediation is scheduled for 15 and 16 October. Is a pre-construction meeting necessary (via phone or on-site). If so we would be interested in scheduling the meeting to ensure we can keep on schedule.

Thank you.

>>>>>>>>>>

Pete Nimmer, P.G., NJ LSRP
Senior Geologist
Greenstar Environmental Solutions
917-655-5123
www.greenstarsolutions.com

-----Original Message-----

HARLEM VALLEY SAND & GRAVEL

138 Kent Road

Wassaic, New York 12592

Ph: (845) 373-8200

Fax: (845) 373-7132

Ticket No : 15859

Date : 10/18/12

Customer: OUTDOORSCONCEPT

Outdoor Concepts Inc.
502 Gardner Hollow Road

Poughquag, NY 12570

Truck : HVM7 2001 KENWORTH TRI AXLE

Order No : 5

Gross : 73840 lb Out 10:05 am

Tare : 26480 lb In 10:04 am

Net : 47360 lb

23.680 tn

Thank you for your business

MATERIAL

	UNIT-\$	Description	TOTAL-\$
34WASHEDGRAVEL	15.25	3/4" Washed Crushed Gravel	\$381.12
Driver <i>Tommy</i>			Delivery: 125.00
			Tax: 39.50
			Misc: 0.00
			Total \$ 525.62

This company is not responsible for damage caused by trucks delivering materials beyond street pavement.

Upon signature of this invoice receipt,

Customer/Driver assumes responsibility for load and certifies that the loaded gross vehicle weight of this vehicle is in compliance with state and federal regulations.

Appendix E

**2008 IRM Report, Waste Manifests, Correspondence
with NYS DEC Dated August 5, 2010 and October 11,
2010 for Construction Complete Report**



Remedial Investigation and Interim Remedial Measure Report

33 East Main Street, Village of Pawling, New York

NYSDEC Spill #90-12530

NYSDEC BCA #C314116

Conrad Geoscience Corp. File #RP060080

June 2008

Prepared by

New York State Department of Environmental Conservation

19 South Park Avenue, Room 3600

Albany, New York 12242

Prepared by

Conrad Geoscience Corp.

One Civic Center Plaza, Suite 501

Poughkeepsie, New York 12603

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- Figure 3 – Subsurface Soil Boring Locations
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- ✓ Appendix A – Soil Boring Logs
- Appendix B – Laboratory Analytical Results
- Appendix C – Private Well Survey
- Appendix D – Photographs
- Appendix E – Perimeter Air Monitoring Logs
- Appendix F – Disposal Receipts



Remedial Investigation and Interim Remedial Measure Report

33 East Main Street, Village of Pawling, New York

June 2008

Conrad Geoscience has completed the State-approved Remedial Investigation (RI) Work Plan and Interim Remedial Measure (IRM) on behalf of the property owner, Cornerstone Enterprises, LLC. The objective of the RI was to assemble information regarding the distribution and extent of subsurface contaminants and contaminant sources. The RI included soil and groundwater sampling. Based on the RI data, an IRM was performed to excavate on-site tanks and petroleum-contaminated soil. Below is a summary of the RI and IRM data and a discussion of the results.

1.0 SITE DESCRIPTION

The subject property is located at 33 East Main Street in the Village of Pawling, New York (Figure 1). The property operated as an automotive maintenance facility and retail gasoline station until 1985 (Riley's Garage). The 0.19-acre property situated on the south side of East Main Street includes a 10,000 ft² building (two-story plus basement), and a parking area in the northern and eastern part of the property. A tributary to the East Branch Croton River borders the eastern property boundary, and flows to the south (Figure 2). Two USTs were known to be present on-site, including one 1,000-gallon gasoline UST and one 550-gallon waste oil UST. The contents of these tanks were evacuated in July 2007. Two additional USTs that formerly held gasoline were uncovered during the IRM.

2.0 REMEDIAL INVESTIGATION RESULTS

2.1 Sampling

2.1.1 *Subsurface Soil Sampling*

NYSDEC approved the Remedial Investigation Work Plan and supporting documents in July 2007. The RI work included soil and groundwater sampling; and floor drain tracing and sampling, as summarized below.

On August 14 and 15, 2007, 24 subsurface soil samples were collected from 24 soil borings (GB-1 through GB-24) (Figure 3). On September 24, 2007, additional



subsurface soil samples were collected from three soil borings (GBSH-1 through GBSH-3) (Figure 3).

In accordance with NYSDEC Technical Guidance Document DER-10, soil borings were placed in the vicinity of the known tanks and associated piping, and in other potential areas of petroleum discharge. Borings were also completed along the southern and eastern property boundaries to determine if site-related contaminants were moving off-site. Sampling was also conducted along the western property boundary to determine whether contaminants from up-gradient sources had impacted the subject property.

Soil borings around the exterior of the building (GB-1 through GB-24) were completed using a track-mounted Geoprobe™ unit equipped with 4-foot long, 1 ¾-inch diameter core barrels (macro-cores) fitted with acetate liners. All soil borings were conducted in accordance with NYSDEC/USEPA protocols. Borings were sampled continuously from the ground surface to a maximum depth of 17.7 feet below grade, to groundwater, or to refusal, whichever was encountered first.

Soil borings beneath the basement floor (GBSH-1 through GBSH-3) were completed using a Geoprobe™ slide hammer. Borings were sampled continuously from the ground surface to a maximum depth of 9 feet below grade, to groundwater, or to refusal, whichever was encountered first.

The project geologist kept a detailed log of each core: lithology, grain size, stratigraphic changes, color, and occurrence of groundwater were recorded (Appendix A). Conrad Geoscience screened soil samples in the field for the presence of volatile organic compounds (VOCs) using a photoionization detector (PID) and headspace techniques. At each location, the soil sample with the highest PID reading was submitted to a NYSDOH-approved laboratory for analysis of the STARS lists of VOCs and semi-volatile organic compounds (SVOCs) via USEPA Methods 8260 and 8270, respectively, and the eight RCRA metals.

2.1.2 Groundwater Sampling

Groundwater samples were collected from 10 soil borings using temporary well screens and a peristaltic pump (GW-1 through GW-10). Groundwater sample locations were along property boundaries and down-gradient of suspected contaminant sources (Figure 4). These locations were selected to evaluate the potential for off-site contaminant migration, and to evaluate the possibility of site impacts from adjacent properties.

Soil borings were completed prior to collection of groundwater samples and were screened in the field for the presence of VOCs using a PID and headspace techniques. Soil borings were logged in accordance with the procedures outlined in Section 2.1. Groundwater samples were submitted to a NYSDOH approved laboratory for analysis of the TCL list of VOCs via USEPA Method 8260, SVOCs via USEPA Method 8270, and the eight RCRA metals.



Depth-to-water measurements were collected from the ground surface at each sample location. Depth-to-water measurements were not collected from GW-2 due to borehole collapse. These measurements are as follows:

Temporary Well ID	Depth-to-water August 15, 2007
GW-1	8.08'
GW-2	Not Accessible
GW-3	7.75'
GW-4	7.4'
GW-5	7.02'
GW-6	7.24'
GW-7	6.62'
GW-8	7.33'
GW-9	8.96'
GW-10	8.43'

Based on site topography and depth-to-water measurements, groundwater is presumed to flow in a southerly direction. Groundwater elevations and direction of groundwater flow cannot be more precisely calculated because the temporary screens installed for collection of samples could not be accurately surveyed.

2.1.3 Surface Soil Sampling

In order to evaluate the extent of contaminants in surface soil, six surface soil samples were collected from the southern part of the subject property on January 15, 2008 (Figure 5). Sampling was biased to represent locations under and adjacent to the former auto ramp depicted in historical Sanborn Fire Insurance Maps. Samples were collected from a depth of 0-2 inches below ground surface after removal of vegetative cover. Soil samples were analyzed for the STARS list of VOCs and SVOCs via USEPA Methods 8260 and 8270, respectively, and the eight RCRA metals.



2.1.4 Floor Drain Tracing

Conrad Geoscience inspected the floor drain in the garage interior and inspected the building for other potential contaminant pathways (cracked concrete, slop sinks, etc.). The floor drain was traced by jetting water into the drain. The drain discharged onto the ground surface near the southeastern corner of the building.

One soil sample was collected in the vicinity of the floor drain inside the building (GBSH-1) (Figure 3). Soil samples were collected using a Geoprobe™ slide hammer. Samples were screened in the field for the presence of VOCs using a PID and headspace techniques and were submitted to a NYSDOH-approved laboratory for analysis of the VOCs via USEPA Method 8260 STARS, SVOCs via USEPA Method 8270 STARS, and the eight RCRA metals.

2.2 Results

2.2.1 Subsurface Soil Quality

Soil sample results are summarized in Tables 1 through 6. Analytical reports are attached (see Appendix B). Following is a discussion of these results:

Four of the 27 soil samples contained VOCs at concentrations exceeding NYSDEC 6NYCRR Part 375 *Unrestricted Use Soil Cleanup Objectives* (Tables 1 and 2):

- GB-7: 1,2,4-Trimethylbenzene (13,400 ^{3,400 ppm} µg/kg); m,p-Xylene (7,080 ^{2,600 ppm} µg/kg);
- GB-8: 1,2,4-Trimethylbenzene (8,240 µg/kg); m,p-Xylene (2,280 µg/kg);
- GB-23: m,p-Xylene (1,940 µg/kg);
- GB-24: 1,2,4-Trimethylbenzene (15,800 µg/kg); m,p-Xylene (10,000 µg/kg).

Two of the 27 soil samples contained SVOCs at concentrations exceeding NYSDEC 6NYCRR Part 375 *Unrestricted Use Soil Cleanup Objectives* (Tables 3 and 4):

- GB-16: Indeno (1,2,3-cd) pyrene (768 µg/kg);
- GBSH-1: Indeno (1,2,3-cd) pyrene (570 µg/kg).



Three of the 27 soil samples contained metals at concentrations exceeding NYSDEC 6NYCRR Part 375 *Unrestricted Use Soil Cleanup Objectives* (Tables 5 and 6):

- GB-13: Lead (404 mg/kg); Mercury (0.4585 mg/kg);
- GB-16: Cadmium (3.43 mg/kg); Lead (1,670 mg/kg); Mercury (0.2062 mg/kg);
- GBSH-1: Lead (322 mg/kg); Mercury (0.3737 mg/kg).

2.2.2 Groundwater Quality

Groundwater sample results are summarized in Tables 7 through 9. Analytical reports are attached (see Appendix B). Following is a discussion of these results:

Four of the 10 groundwater samples contained VOCs at concentrations exceeding NYSDEC 6NYCRR Part 700-705 groundwater standards (Table 7):

- GW-6: Ethylbenzene (113 µg/l);
- GW-7: Benzene (1.56 µg/l);
- GW-9: Benzene (7.65 µg/l); Ethylbenzene (809 µg/l); m,p-Xylene (2,900 µg/l); o-Xylene (38.4 µg/l);
- GW-10: Ethylbenzene (662 µg/l); m,p-Xylene (1,830 µg/l); o-Xylene (179 µg/l).

One of the 10 groundwater samples contained SVOCs at concentrations exceeding NYSDEC 6NYCRR Part 700-705 groundwater standards (Table 8):

- GW-9: Naphthalene (130 µg/l).

All ten of the groundwater samples collected contained lead at concentrations exceeding NYSDEC 6NYCRR Part 700-705 groundwater standards (Table 9). The following are additional exceedences of NYSDEC 6NYCRR Part 700-705 groundwater standards:

- GW-4: Chromium (0.057 mg/l);
- GW-7: Barium (2.61 mg/l); Chromium (0.067 mg/l);
- GW-8: Barium (3.41 mg/l); Chromium (0.124 mg/l).



2.2.3 *Surface Soil Quality*

Surface soil sample results are summarized in Tables 10 through 12. Analytical reports are attached (see Appendix B). Following is a discussion of the results:

None of the six surface soil samples contained VOCs at concentrations exceeding NYSDEC 6NYCRR Part 375 *Unrestricted Use Soil Cleanup Objectives* (Table 10).

Two of the six surface soil samples contained SVOCs at concentrations exceeding NYSDEC 6NYCRR Part 375 *Unrestricted Use Soil Cleanup Objectives* (Table 11):

- SS-3: Indeno(1,2,3-cd)pyrene (526 µg/kg);
- SS-5: Benzo(a)anthracene (1,970 µg/kg); Benzo(a)pyrene (1,630 µg/kg); Benzo(b)fluoranthene (1,650 µg/kg); Benzo(k)fluoranthene (1,120 µg/kg); Chrysene (1,770 µg/kg); Indeno(1,2,3-cd)pyrene (770 µg/kg).

Five of the six surface soil samples contained metals at concentrations exceeding NYSDEC 6NYCRR Part 375 *Unrestricted Use Soil Cleanup Objectives* (Table 12):

- SS-1: Cadmium (16.1 mg/kg); Chromium (31.6 mg/kg); Lead (2,080 mg/kg); Mercury (0.2110 mg/kg);
- SS-2: Lead (654 mg/kg);
- SS-4: Lead (68.6 mg/kg); Mercury (0.4616 mg/kg);
- SS-5: Lead (79.2 mg/kg);
- SS-6: Lead (137 mg/kg).

2.3 *Private Well Survey*

On June 6, 2008, a private well survey for homes and businesses within a ½-mile radius of the subject property was performed. Utilizing municipal data, a previous private well survey, and a visual inspection from public roads, properties that utilize private wells versus municipal water were determined (Appendix C). The closest private wells are located approximately 1,450 feet east of the subject property.



2.4 Discussion of RI Results

Soil borings completed in the vicinity of the two known USTs indicated that a petroleum release had occurred from the known gasoline tank and associated piping. Soil in the immediate vicinity of the waste oil UST did not appear to be impacted. Soil in the vicinity of the floor drain outfall was determined to have been impacted from disposal of petroleum-related wastes into this drain. Surface soil in the vicinity of the former automotive ramp had been impacted by previous on-site activities, which may have included surficial storage or disposal of automotive wastes and battery leakage.

Groundwater has been impacted along the western property boundary (GW-9 and GW-10). Based on the assumed direction of groundwater flow, however, these contaminants appear to originate from off-site sources. Two groundwater samples collected in the gasoline tank area, and downgradient, were slightly impacted by VOCs. All of the groundwater samples contained lead that slightly exceeded standards and some samples contained other slight exceedences of metals.

3.0 INTERIM REMEDIAL MEASURE RESULTS

Based on preliminary RI data, Conrad Geoscience proposed to excavate on-site tanks and contaminated soil as an Interim Remedial Measure (IRM). The objective of this work was to eliminate ongoing sources of groundwater contamination. All work conformed to the State-approved Site Specific Health and Safety Plan (HASP) and the Community Air Monitoring Plan (CAMP).

3.1 Tank Excavation and Removal

Cornerstone Enterprises retained Mangiardi Trucking to perform soil and tank excavation and transport/disposal of contaminated soil. Tank venting, cleaning and disposal were performed by Dutchess Environmental Construction. Sludge emptied from the tanks was transported and disposed by EnviroWaste. Conrad Geoscience personnel documented field activities, collected post-excavation soil samples, provided on-site health and safety oversight, and performed perimeter air monitoring. During excavation and removal of the tanks (Figure 6), a Conrad Geoscience geologist inspected and documented the condition of the tanks and surrounding soils, and screened excavated soil for the presence of VOCs using a PID and headspace techniques. Photographs are included in Appendix D. Perimeter air monitoring logs are included in Appendix E.

On April 16, 2008, the top of the 550-gallon waste oil UST (hereafter referred to as "Tank #1") was uncovered. The tank was vented and cleaned of remaining sludge. On the same day, the known gasoline UST (hereafter referred to as "Tank #2") was uncovered, vented, and cleaned of any remaining sludge. The 2,000-gallon gasoline UST was excavated and placed on 6-mil plastic sheeting. Small seepage holes were observed in the tank wall. Both tanks were removed from the site on April 16, 2008.



On April 16, 2008, a third UST (hereafter referred to as "Tank #3") was uncovered next to and west of the known gasoline UST. The 2,000-gallon tank did not contain any liquid, but vapors from the tank suggested it formerly stored gasoline. The tank was vented, cleaned, and excavated on April 16, 2008. Several corrosion holes were observed. The tank was removed from the site on April 17, 2008.

On April 17, 2008, a fourth UST (hereafter referred to as "Tank #4") was uncovered next to and west of Tank #3, along the eastern side of the on-site building. Vapors from the 1,000-gallon tank suggested the tank formerly stored gasoline. The tank was vented, cleaned of remaining sludge, and removed from the site on April 17, 2008. Several corrosion holes were observed.

In accordance with 6NYCRR Part 612-614, tank registration documents were prepared, re-registering these tanks as "Closed - Removed."

3.2 Excavation of Petroleum-Contaminated Soil

During soil excavation, a PID was used to screen soil for VOCs using headspace techniques. Soil with PID readings greater than 50 ppm was considered contaminated and was removed for off-site disposal. Final excavation limits were guided by PID readings and proximity to nearby infrastructure.

On April 16, 2008, contaminated soil encountered in the waste oil UST excavation was removed (Figure 6). Groundwater was encountered in the bottom of the excavation at about 9 feet below grade.

Contaminated soil was encountered in the area of the gasoline USTs and former pump island (Figure 6). Groundwater was encountered in this excavation at about 9 feet below grade. Sorbent pads were placed in the excavation. On April 17, 2008, EnviroWaste removed contaminated groundwater from the gasoline UST half of the excavation using a vac truck. On May 5, 2008, groundwater in both halves of the excavation was skimmed and removed by Savarese Septic Service, LLC using a vac truck. The combined gasoline UST and pump island excavation was completed on May 1, 2008. The floor of the combined gasoline UST and pump island excavation was approximately 12 feet below grade. The excavation was backfilled on May 5, 2008.

On May 14, 2008, contaminated soil in the vicinity of the floor drain outfall was removed (Figure 6). The floor of the excavation was located approximately 3 feet below grade at the rear of the building where the surface elevation is lowest. Land surface elevation rises to the west. Groundwater was encountered approximately 2 feet below grade. On May 14, 2008, groundwater in the excavation was skimmed and removed by Savarese Septic Service, LLC. The excavation was backfilled on May 15, 2008.

In total, approximately 820 tons of soil were removed from the waste oil UST excavation and gasoline UST and pump island excavations. Approximately 70 tons of soil were removed from the floor drain outfall excavation. Disposal receipts are attached (see Appendix F).



3.3 Post-Excavation Soil Samples

3.3.1 Sampling

Upon completion of excavation activities, post-excavation soil samples were collected from the sidewalls and bottom of the excavations in accordance with DER-10 (Figure 6).

Post-excavation soil samples PE-1 through PE-5 were collected from the sidewalls and floor of the waste oil UST excavation. Post-excavation soil samples PE-6 through PE-8, and PE-10 through PE-17 were collected from the sidewalls and bottom of the combined gasoline UST and pump island excavation. Post-excavation soil samples PE-18 through PE-22 were collected from the floor drain outfall excavation. Samples were submitted to a NYSDOH-approved laboratory.

Samples from the waste oil UST excavation and floor drain outfall excavation were analyzed for the STARS list of VOCs via USEPA Method 8021 and the STARS list of SVOCs via USEPA Method 8270. Samples from the combined gasoline UST and pump island excavation were analyzed for the STARS list of VOCs via USEPA Method 8021.

3.3.2 Results

Results of the Post-Excavation Soil Sample results are summarized in Tables 13 and 14. Analytical reports are attached (see Appendix B). Following is a discussion of the results.

3.3.2.1 Comparison to Unrestricted Use SCOs

When post-excavation soil sample results are compared to NYSDEC 6NYCRR Part 375 *Unrestricted Use Soil Cleanup Objectives*, the results are as follows:

Eight of the 21 post-excavation soil samples contained VOCs at concentrations exceeding *Unrestricted Use SCOs* (Table 13):

- PE-6: Ethylbenzene (6,220 µg/kg); n-PropylBenzene (21,100 µg/kg); 1,2,4-Trimethylbenzene (169,000 µg/kg); 1,3,5-Trimethylbenzene (69,400 µg/kg); m,p-Xylene (37,000 µg/kg);
- PE-7: Ethylbenzene (2,090 µg/kg); m,p-Xylene (1,140 µg/kg);
- PE-8: m,p-Xylene (279 µg/kg);
- PE-10: Ethylbenzene (34,100 µg/kg); n-PropylBenzene (16,400 µg/kg); 1,2,4-Trimethylbenzene (98,400 µg/kg); 1,3,5-Trimethylbenzene (26,700 µg/kg); m,p-Xylene (37,500 µg/kg);



- PE-11: 1,2,4-Trimethylbenzene (4,370 µg/kg); m,p-Xylene (365 µg/kg);
- PE-12: m,p-Xylene (762 µg/kg); o-Xylene (503 µg/kg);
- PE-20: m,p-Xylene (360 µg/kg);
- PE-21: 1,2,4-Trimethylbenzene (93,200 µg/kg); 1,3,5-Trimethylbenzene (29,500 µg/kg); m,p-Xylene (559,000 µg/kg).

One of the 21 post-excavation soil samples contained SVOCs at concentrations exceeding *Unrestricted Use* SCOs (Table 14):

- PE-21: Benzo (a) anthracene (2,320 µg/kg); Benzo (a) pyrene (2,520 µg/kg); Benzo (b) fluoranthene (2,360 µg/kg); Chrysene (3,320 µg/kg); Indeno (1,2,3-cd) pyrene (1,820 µg/kg).

3.3.2.2 Comparison to Restricted-Residential Use SCOs

When post-excavation soil sample results are compared to the NYSDEC 6NYCRR Part 375 *Restricted-Residential Use Soil Cleanup Objectives*, the results are as follows:

Only three of the twenty-one post-excavation soil samples analyzed for VOCs contained VOCs at concentrations exceeding *Restricted-Residential Use* SCOs (Table 13):

- PE-6: 1,2,4-Trimethylbenzene (169,000 µg/kg); 1,3,5-Trimethylbenzene (69,400 µg/kg);
- PE-10: 1,2,4-Trimethylbenzene (98,400 µg/kg);
- PE-21: 1,2,4-Trimethylbenzene (93,200 µg/kg); m,p-Xylene (559,000 µg/kg).

Only one of the twenty-one post-excavation soil samples analyzed for SVOCs contained SVOCs at concentrations exceeding *Restricted-Residential Use* SCOs (Table 14):

- PE-21: Benzo (a) anthracene (2,320 µg/kg); Benzo (a) pyrene (2,520 µg/kg); Benzo (b) fluoranthene (2,360 µg/kg); Indeno (1,2,3-cd) pyrene (1,820 µg/kg).



3.4 Site Restoration

The waste oil UST excavation was backfilled to grade with clean fill on April 17, 2008. The pump island excavation was partially backfilled on April 18, 2008. The combined gasoline UST and pump island excavation were backfilled to grade on May 5 and 6, 2008. The floor drain outfall excavation was backfilled on May 15, 2008 with clean backfill.

3.5 Discussion of IRM Results

Soil removal in the combined gasoline UST and pump island excavation was limited by proximity to the foundation of the on-site building, the sidewalk, a retaining wall, and groundwater. Soil removal in the floor drain outfall excavation was limited by proximity to the foundation of the on-site building, the adjacent stream, the property boundary, and groundwater.

Soil in the vicinity of the waste oil tank meets the standards for *Unrestricted Use*. However, post-excavation soil sampling indicates that hydrocarbons in subsurface soil exceed the *Unrestricted Use* criteria in eight of 21 samples, representing soil in the vicinity of the former pump island, gasoline tanks, and floor drain outfall.

Three samples representing subsurface soil along the building foundation sidewalls (PE-6 and PE-10) and at the western property boundary (PE-21) exceeded *Restricted Residential* standards. This soil could not be removed because it is underneath the on-site building or beyond the subject property boundary. All remaining subsurface soil meets the SCOs for *Restricted-Residential Use*.

All contaminant source material that can feasibly be removed has been removed and disposed of off-site. Removal of storage tanks and contaminated soil has effectively eliminated the sources of groundwater contamination.

4.0 SURFACE SOIL REMOVAL

4.1 Excavation

On May 14 and 15, 2008, a 1-foot layer of surface soil was removed from the area of the former ramp, and post-excavation soil samples were collected (Figure 7).

4.2 Sampling

Following the removal of surface soil, five post-excavation surface soil samples—SS-1D through SS-5D—were collected in the approximate location of the previous surface soil samples SS-1 through SS-5. Samples were collected from a depth of 0-3 inches below the newly exposed ground surface. Because none of the previous surface soil samples in these locations contained detectable VOCs, these new samples were analyzed only for the STARS list of SVOCs via USEPA Method 8270 and eight RCRA



metals.

4.3 Results

Results of post-excavation surface soil sampling are summarized in Tables 15 and 16. Analytical reports are attached (see Appendix B). Following is a discussion of the results.

4.3.1 Comparison to Unrestricted Use SCOs

When the post-excavation surface soil sample results are compared to the NYSDEC 6NYCRR Part 375 *Unrestricted Use Soil Cleanup Objectives*, the results are as follows:

None of the five post-excavation surface soil samples exceeded the standards for SVOCs for the *Unrestricted Use SCOs* (Table 15).

When compared to the *Unrestricted Use SCOs*, all five post-excavation surface soil samples had at least one exceedence for metals:

- SS-1D: Lead (140 mg/kg); Mercury (0.2533 mg/kg);
- SS-2D: Lead (410 mg/kg); Mercury (1.23 mg/kg); Silver (3.16 mg/kg);
- SS-3D: Lead (86.7 mg/kg); Mercury (0.3294 mg/kg);
- SS-4D: Lead (155 mg/kg); Mercury (0.2609 mg/kg);
- SS-5D: Lead (512 mg/kg).

4.3.1 Comparison to Restricted-Residential Use SCOs

When the post-excavation surface soil sample results are compared to NYSDEC 6NYCRR Part 375 *Restricted-Residential Use Soil Cleanup Objectives*, the results are as follows:

None of the five post-excavation surface soil samples contained SVOCs at concentrations exceeding *Restricted-Residential Use SCOs* (Table 15).

Two of the five post-excavation surface soil samples contained metals at concentrations exceeding *Restricted-Residential Use SCOs* (Table 16):

- SS-2D: Lead (410 mg/kg); Mercury (1.23 mg/kg);
- SS-5D: Lead (512 mg/kg).



4.4 Discussion of Results

During removal of surface soil, small areas containing tar particles were uncovered. This tar is likely to represent the source of SVOCs and metals in the surface soil.

Two of the post-excavation surface soil samples exceed the *Restricted-Residential Use* SCOs for lead and mercury (SS-2D and SS-5D). We are informed by Cornerstone Enterprises that Site redevelopment plans call for this area to be capped with pavement, which will effectively eliminate the potential for exposure to soils that contain lead.

5.0 RECOMMENDATIONS

Except for minor areas beneath the on-site building where residual petroleum is present in soils, and two surface soil locations where lead and/or mercury are moderately elevated, soil on the subject property meets the NYSDEC soil cleanup objectives for *Restricted-Residential Use*, which applies to property under common ownership or a single managing entity, and prohibits vegetable gardens, single-family housing, and active recreational uses that are public uses with a reasonable potential for soil contact.

While VOCs in some on-site groundwater samples exceed applicable standards, the removal of four underground storage tanks and approximately 820 tons of contaminated soil has effectively eliminated ongoing sources of groundwater contamination. The only possible exception is in the southern part of the subject property where an up-gradient, off-site source of gasoline contamination appears to have affected soil and groundwater quality along the rear of the on-site garage building. All excavatable soil in this impacted area has been removed from the vadose zone.

We further note that all businesses and residences in the vicinity of the subject property are connected to central water (the nearest supply wells are approximately 1,450 feet to the east). Therefore, there is no potential exposure to residual VOCs in groundwater at this site.

Based on the RI and IRM results presented herein, Conrad Geoscience Corp. recommends that no further remedial action is warranted and that the remediated site now meets the criteria for *Restricted-Residential Use* as per NYSDEC 6NYCRR Part 375.





3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS



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One Civic Center Plaza, Suite 201, Poughkeepsie, New York 12601

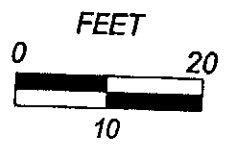
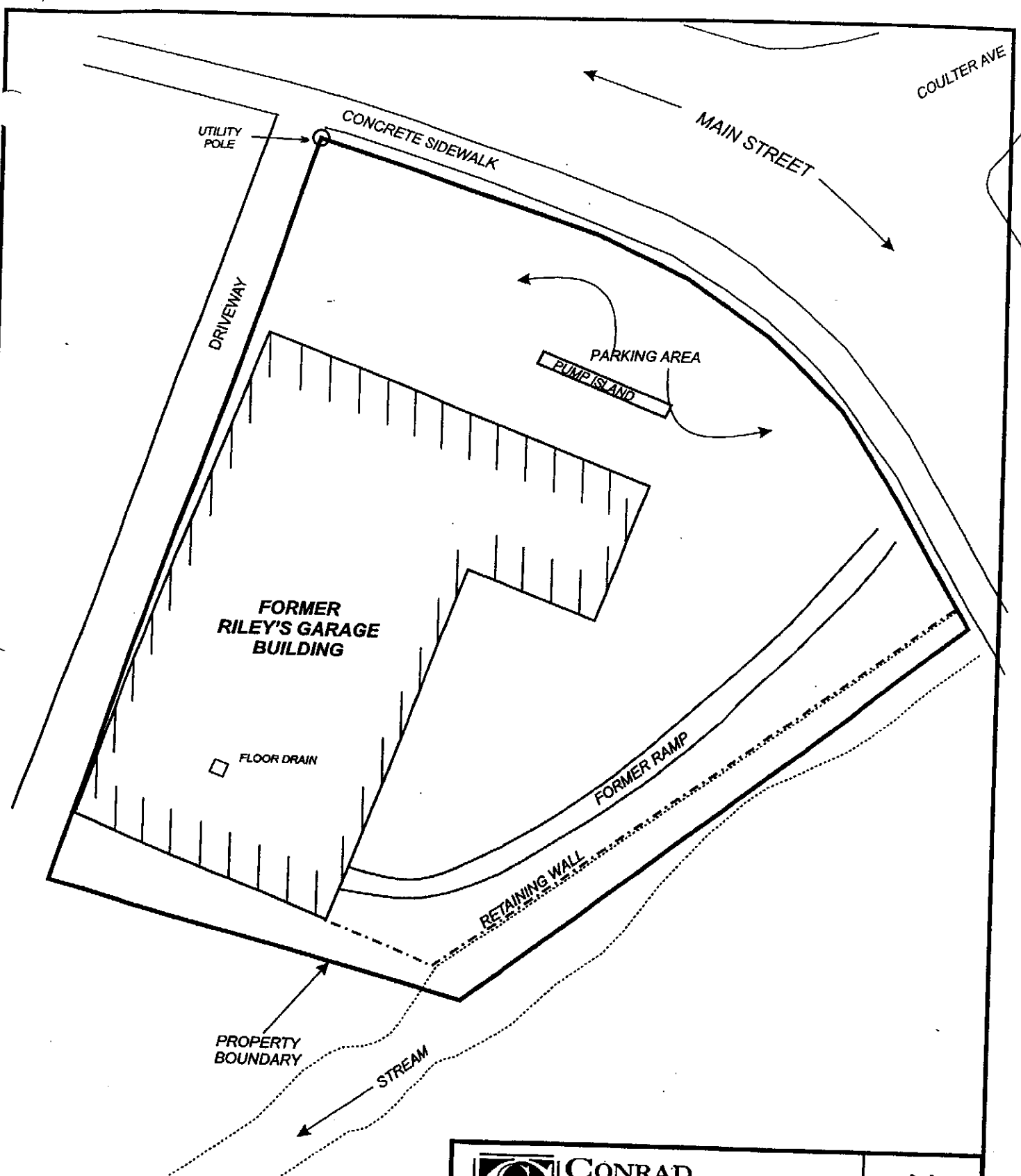




Figure 1

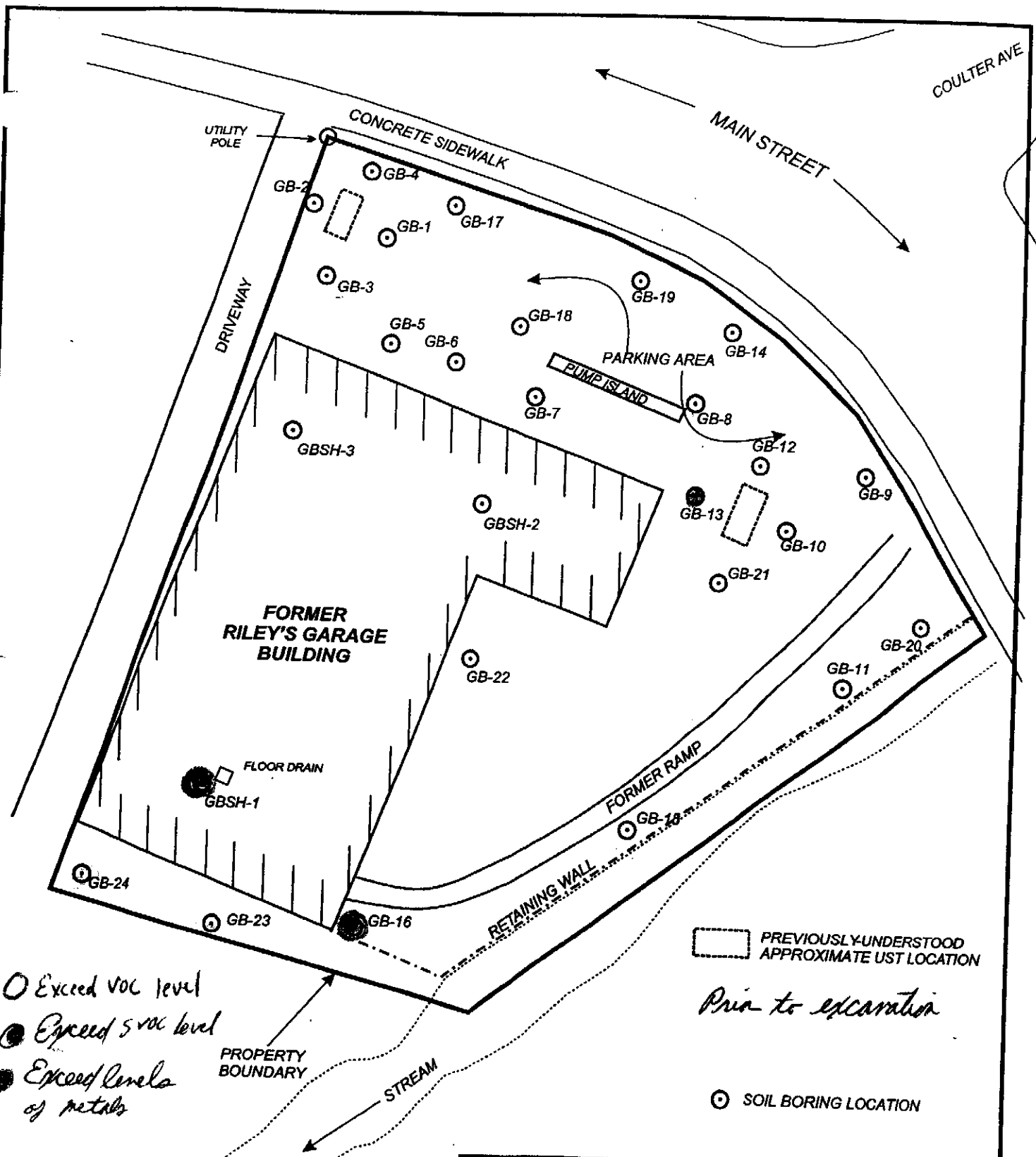
Prepared By:	ADQ 03/30/06
Reviewed By:	
Revised By:	SPL 6/5/08
Approved By:	JAC 6/5/08

SITE LOCATION MAP

CORNERSTONE ENTERPRISES, INC.
Main Street, Pawling, NY
RPO60080



	CONRAD GEOSCIENCE CORP. <small>One Civic Center Plaza, Poughkeepsie, New York 12601</small>		
	Figure 2		
Prepared By: SPL 09-30-07 Reviewed By: Revised By: SPL 05-02-08 Approved By: JAC 05-05-08	SELECTED SITE FEATURES MAP CORNERSTONE ENTERPRISES, INC. Main Street, Pawling, NY RP060080		

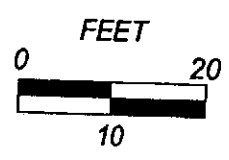




- Exceed VOC level
- Exceed 5 VOC level
- Exceed levels of metals

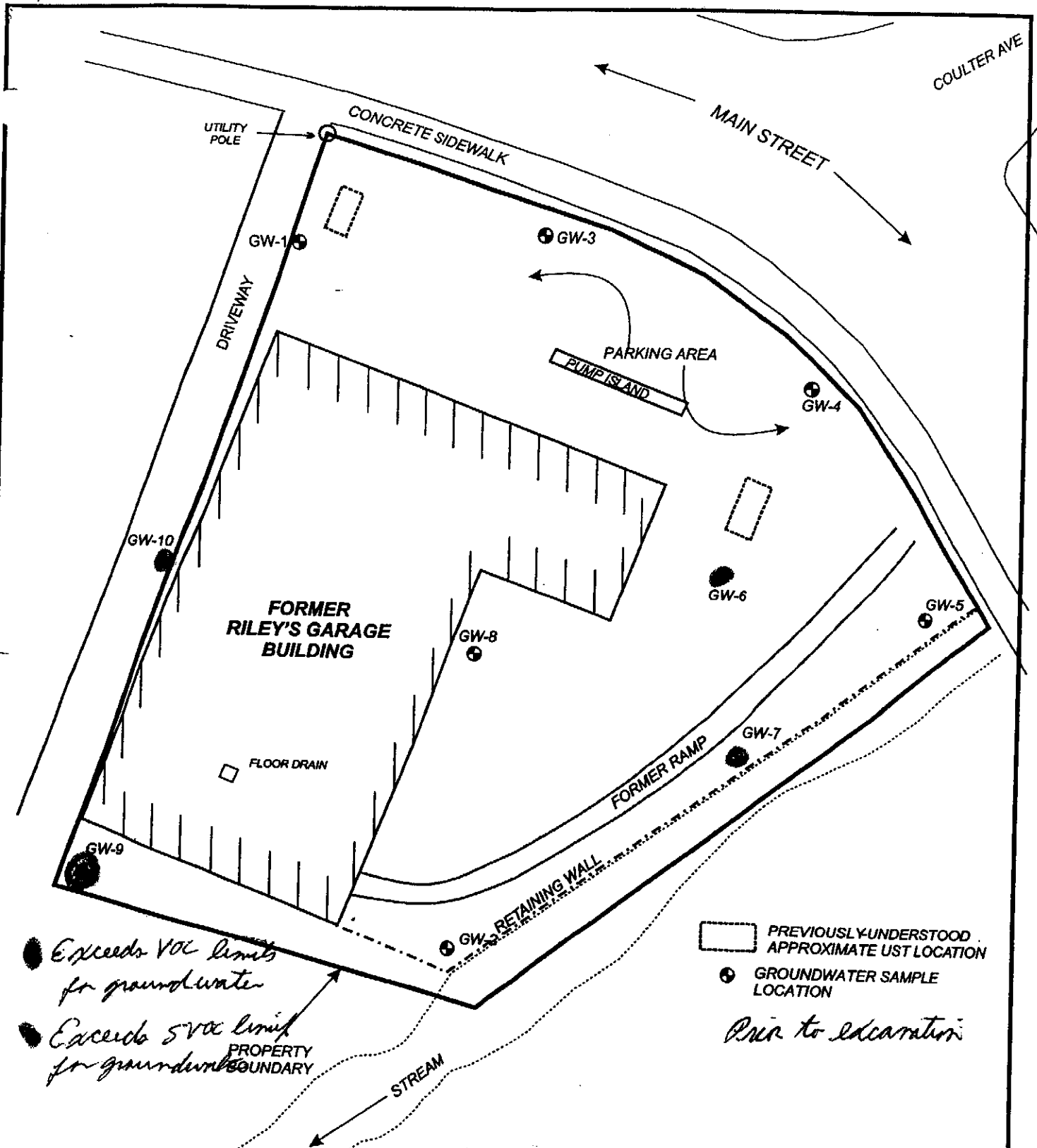
PREVIOUSLY-UNDERSTOOD APPROXIMATE UST LOCATION

Prior to excavation

SOIL BORING LOCATION





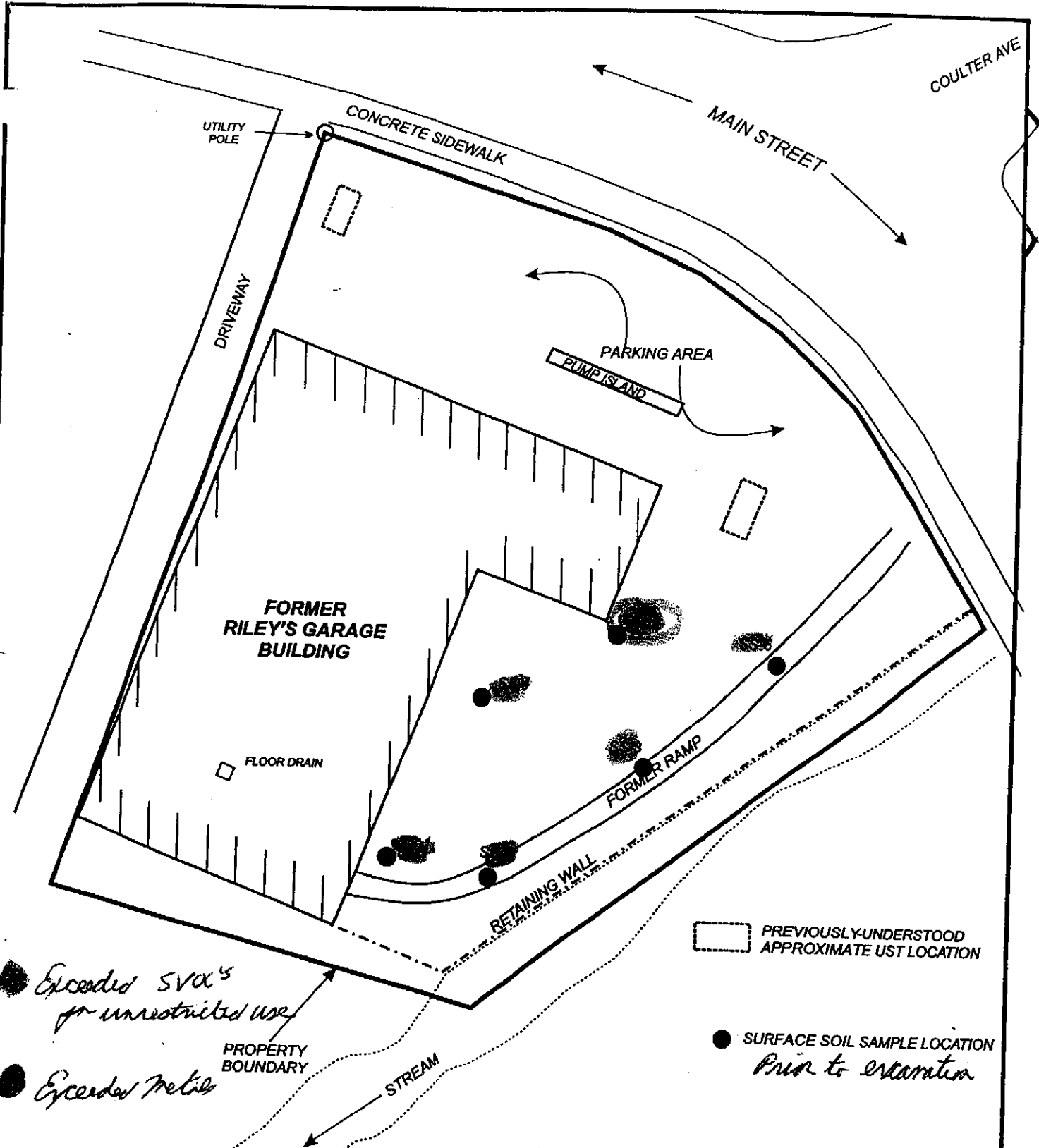
 CONRAD GEOSCIENCE CORP. <small>One Civic Center Plaza, Poughkeepsie, New York 12601</small>		
Figure 3		
Prepared By:	SPL 09-30-07	SUBSURFACE SOIL SAMPLE LOCATIONS CORNERSTONE ENTERPRISES, INC. Main Street, Pawling, NY RP060080
Reviewed By:		
Revised By:	SPL 05-02-08	
Approved By:	JAC 05-05-08	





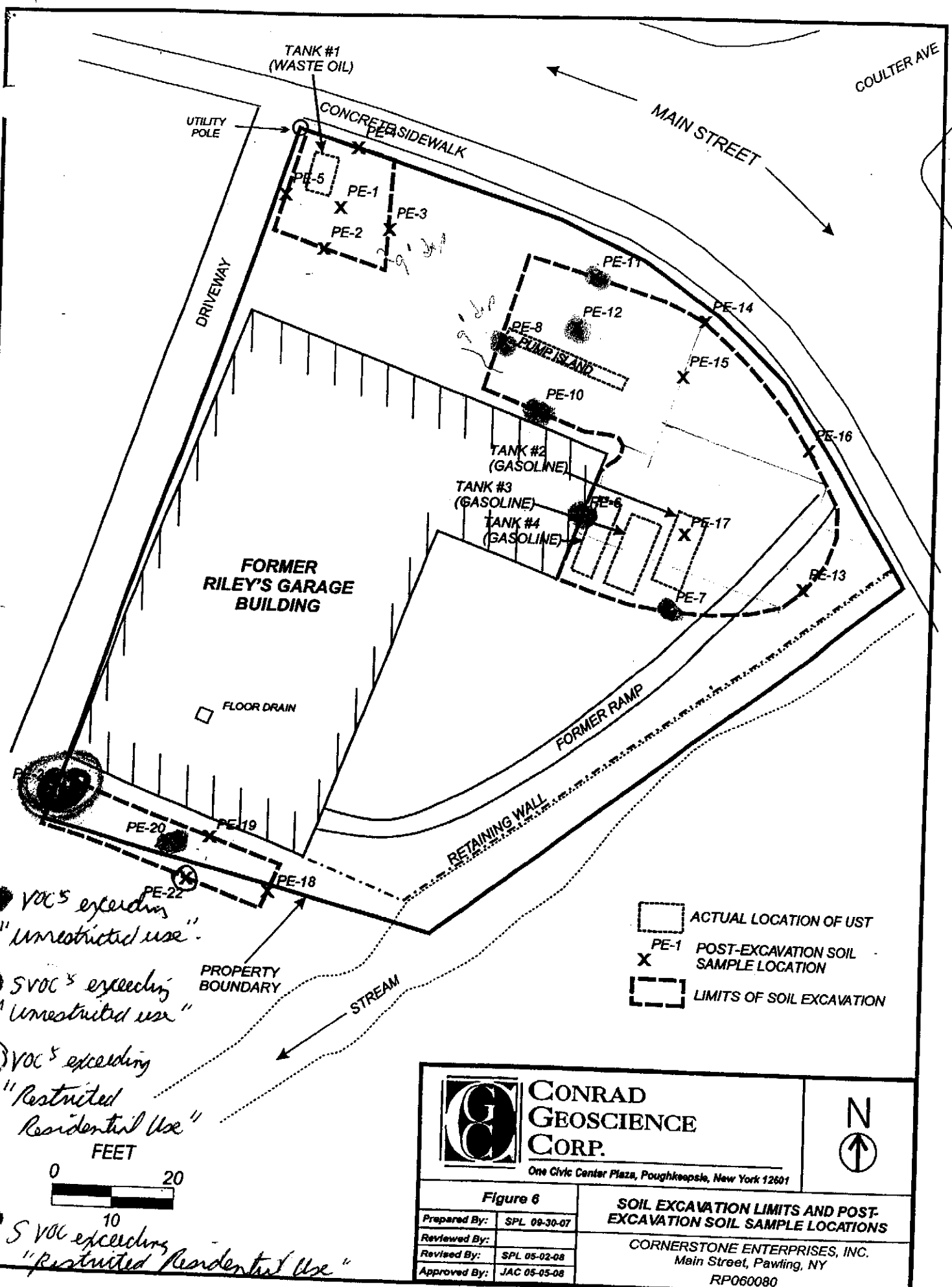
● Exceeds VOC limits for groundwater
 ● Exceeds SVOC limit for groundwater

□ PREVIOUSLY UNDERSTOOD APPROXIMATE UST LOCATION
 ● GROUNDWATER SAMPLE LOCATION
Prior to excavation

 CONRAD GEOSCIENCE CORP. <small>One Civic Center Plaza, Poughkeepsie, New York 12601</small>		
Figure 4		
Prepared By:	SPL 09-30-07	GROUNDWATER SAMPLE LOCATIONS CORNERSTONE ENTERPRISES, INC. Main Street, Pawling, NY RP060080
Reviewed By:		
Revised By:	SPL 05-02-08	
Approved By:	JAC 05-05-08	





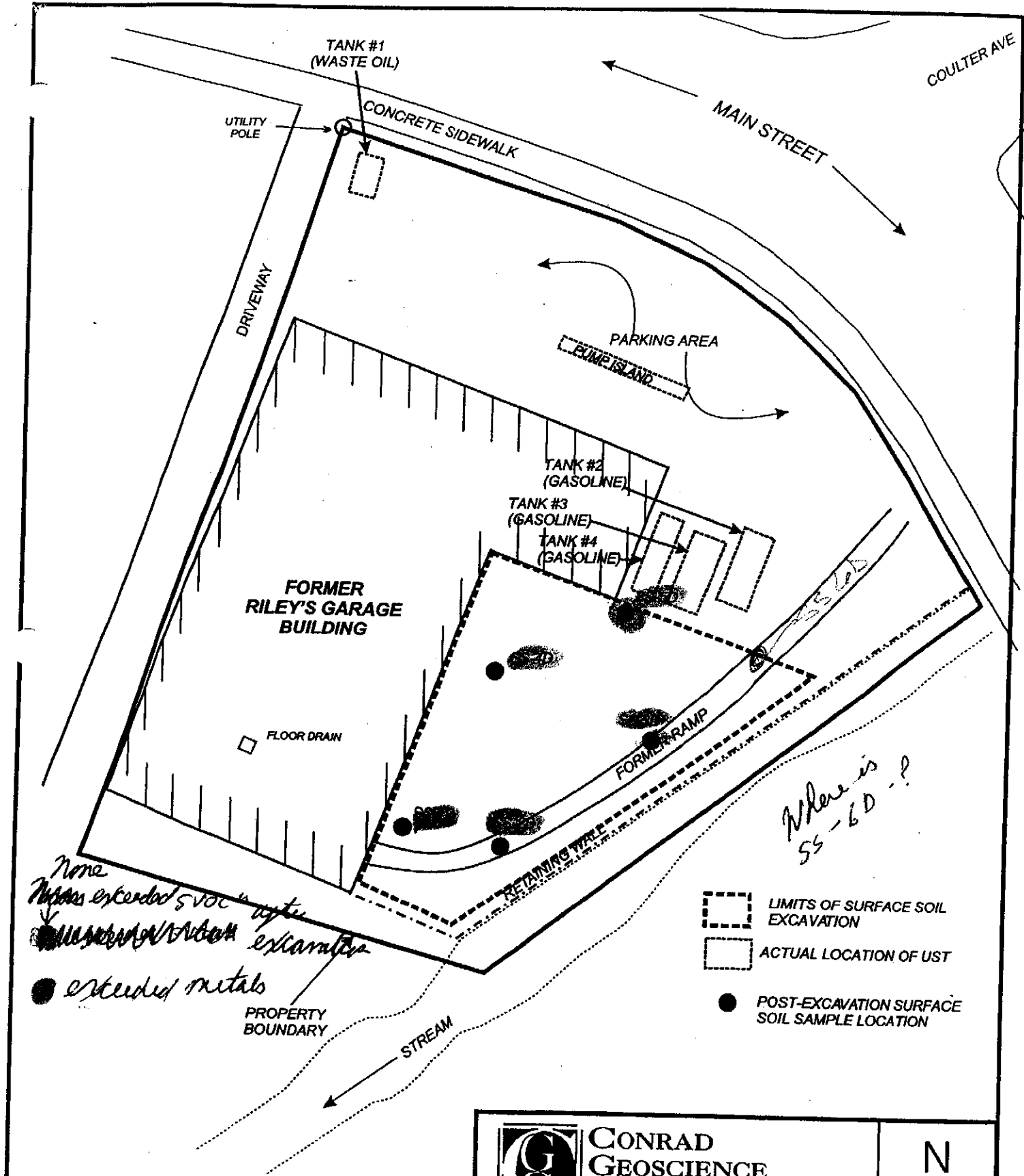
 CONRAD GEOSCIENCE CORP. <small>One Civic Center Plaza, Poughkeepsie, New York 12601</small>		
Figure 5		SURFACE SOIL SAMPLE LOCATIONS CORNERSTONE ENTERPRISES, INC. Main Street, Pawling, NY RP060080
Prepared By:	SPL 09-30-07	
Reviewed By:		
Approved By:	JAC 05-05-08	



● VOC's exceeding
 "Unrestricted use"
 ● SVOC's exceeding
 "Unrestricted use"
 ○ VOC's exceeding
 "Restricted Residential Use"
 ● SVOC's exceeding
 "Restricted Residential Use"




- ACTUAL LOCATION OF UST
- PE-1 POST-EXCAVATION SOIL SAMPLE LOCATION
- X
- ▭ LIMITS OF SOIL EXCAVATION

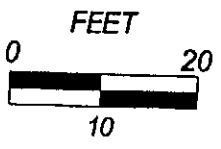
 CONRAD GEOSCIENCE CORP. <small>One Civic Center Plaza, Poughkeepsie, New York 12601</small>		
Figure 6		SOIL EXCAVATION LIMITS AND POST-EXCAVATION SOIL SAMPLE LOCATIONS CORNERSTONE ENTERPRISES, INC. Main Street, Pawling, NY RP060080
Prepared By:	SPL 09-30-07	
Reviewed By:		
Revised By:	SPL 05-02-08	
Approved By:	JAC 05-05-08	





None
 None exceeded SVOC after excavation
 extended metals

Where is SS-6D-?

-  LIMITS OF SURFACE SOIL EXCAVATION
-  ACTUAL LOCATION OF UST
-  POST-EXCAVATION SURFACE SOIL SAMPLE LOCATION



 CONRAD GEOSCIENCE CORP. One Civic Center Plaza, Poughkeepsie, New York 12601		
Prepared By:	SPL 09-30-07	CORNERSTONE ENTERPRISES, INC. Main Street, Pawling, NY RP060080
Reviewed By:		
Revised By:	SPL 05-02-08	
Approved By:	JAC 05-05-08	



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One CNIC Center Plaza, Suite 501, Poughkeepsie, New York 12601

SOIL BORING LOG

BOREHOLE NO.: **GB-1**

TOTAL DEPTH: **12'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

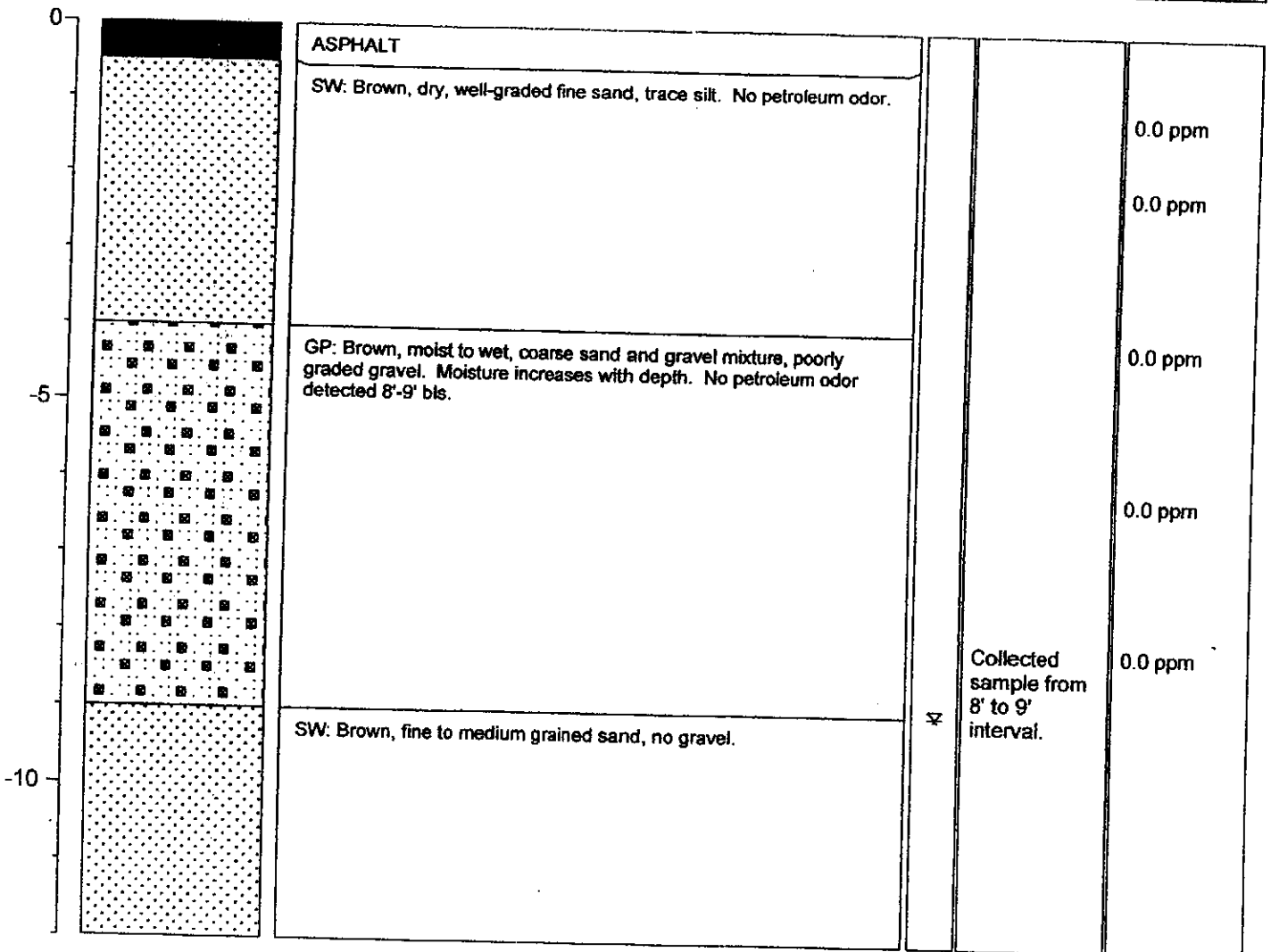
DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP: **N/A**
 DEPTH TO WATER: **9'**

NOTES:
80 degrees F

☒ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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One Civic Center Plaza, Suite 501, Poughkeepsie, New York 12601


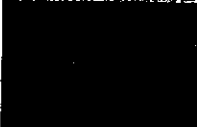
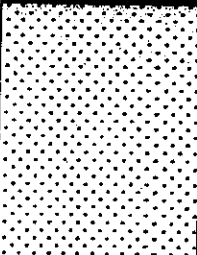
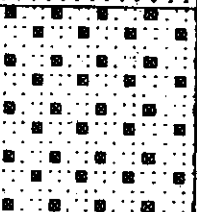
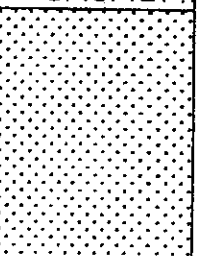
SOIL BORING LOG

BOREHOLE NO.: **GB-2**

TOTAL DEPTH: **12'**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT #:	RP060080	DRILLING CO.:	Syska
SITE LOCATION:	Riley's Garage - Pawling	RIG TYPE:	Geoprobe 54DT
LOGGED BY:	B. Goodwin, C. Brown, S. LaRose	METHOD OF DRILLING:	Direct Push
PROJECT MANAGER:	Chris Brown	SAMPLING METHODS:	4' Macro Core
DATES DRILLED:	8-14-07 and 8-15-07	HAMMER WT./DROP	N/A
		DEPTH TO WATER	9'
NOTES: 80 degrees F		Water level during drilling	

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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0		TOPSOIL: Brown, dry		0.0 ppm
		COAL: Coal and ash, black and gray, dry. No petroleum odor.		0.0 ppm
-5		SW: Brown, dry, medium to coarse sand, trace gravel. No petroleum odor.		0.0 ppm
		GP: Brown, moist, coarse sand with gravel, gravel-sand mixture. No petroleum odor.		0.0 ppm
-10		SW: Brown, saturated, fine to medium sand, well-graded sand, no gravel. No petroleum odor.	Collected sample from 8' to 9' interval.	0.0 ppm



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SOIL BORING LOG

BOREHOLE NO.: **GB-3**

TOTAL DEPTH: **12'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

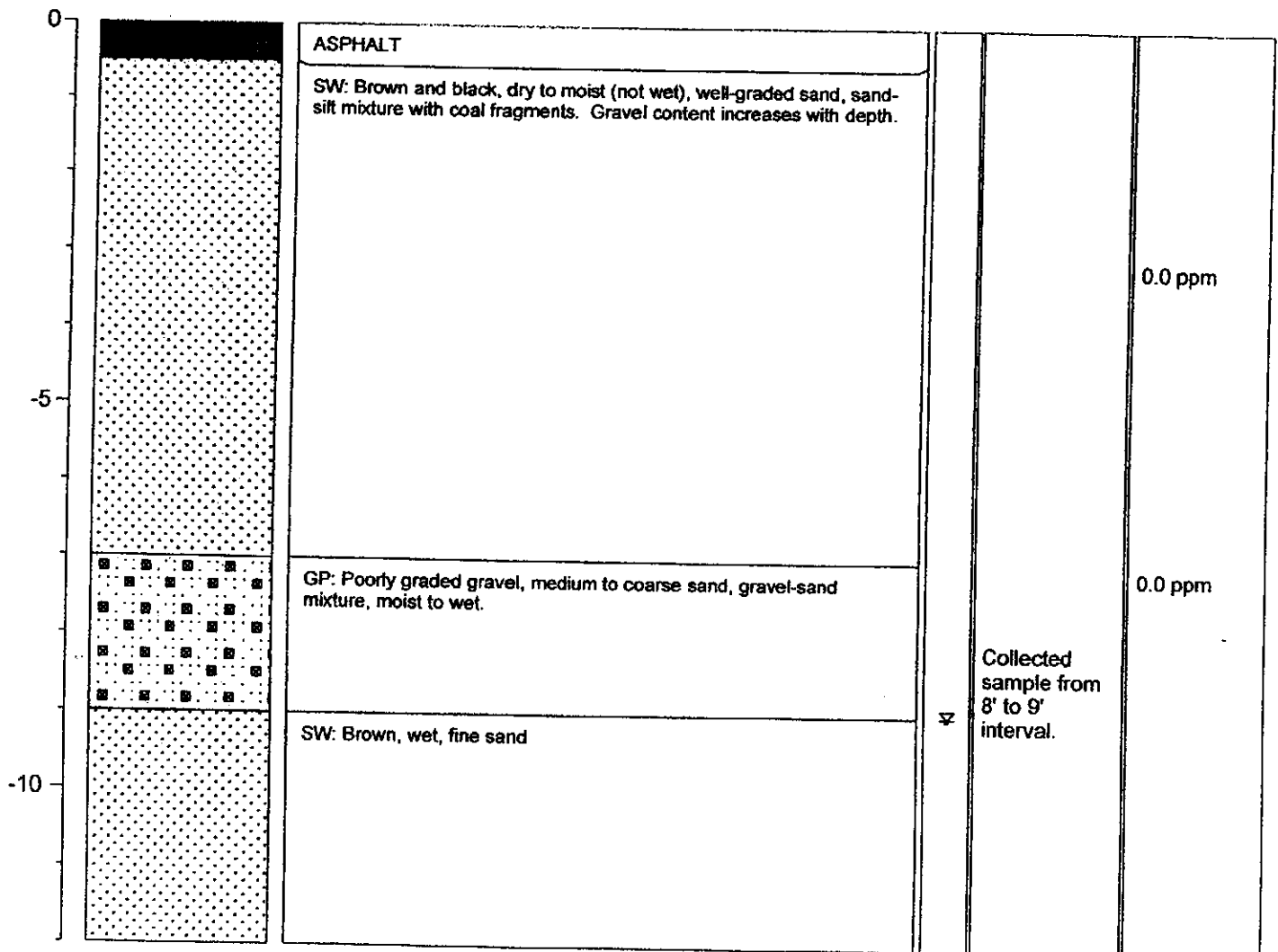
DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP **N/A**
 DEPTH TO WATER **9'**

NOTES:
80 degrees F

☞ **Water level during drilling**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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SOIL BORING LOG

BOREHOLE NO.: **GB-4**

TOTAL DEPTH: **10.5'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

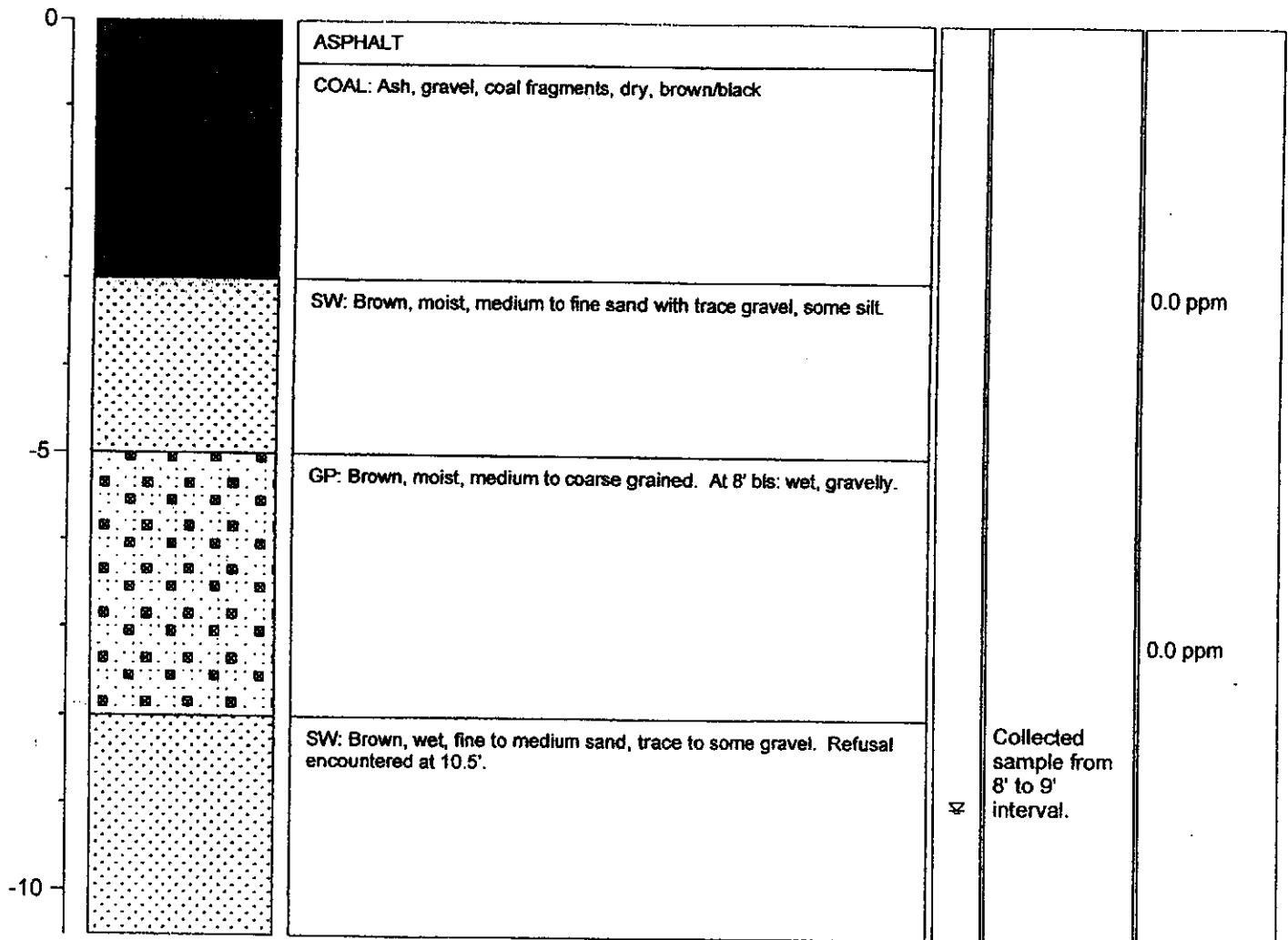
DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP: **N/A**
 DEPTH TO WATER: **9'**

NOTES:
80 degrees F

☒ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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CONRAD GEOSCIENCE CORP.

One Civic Center Plaza, Suite 501, Poughkeepsie, New York 12601

SOIL BORING LOG

BOREHOLE NO.: **GB-5**

TOTAL DEPTH: **12'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

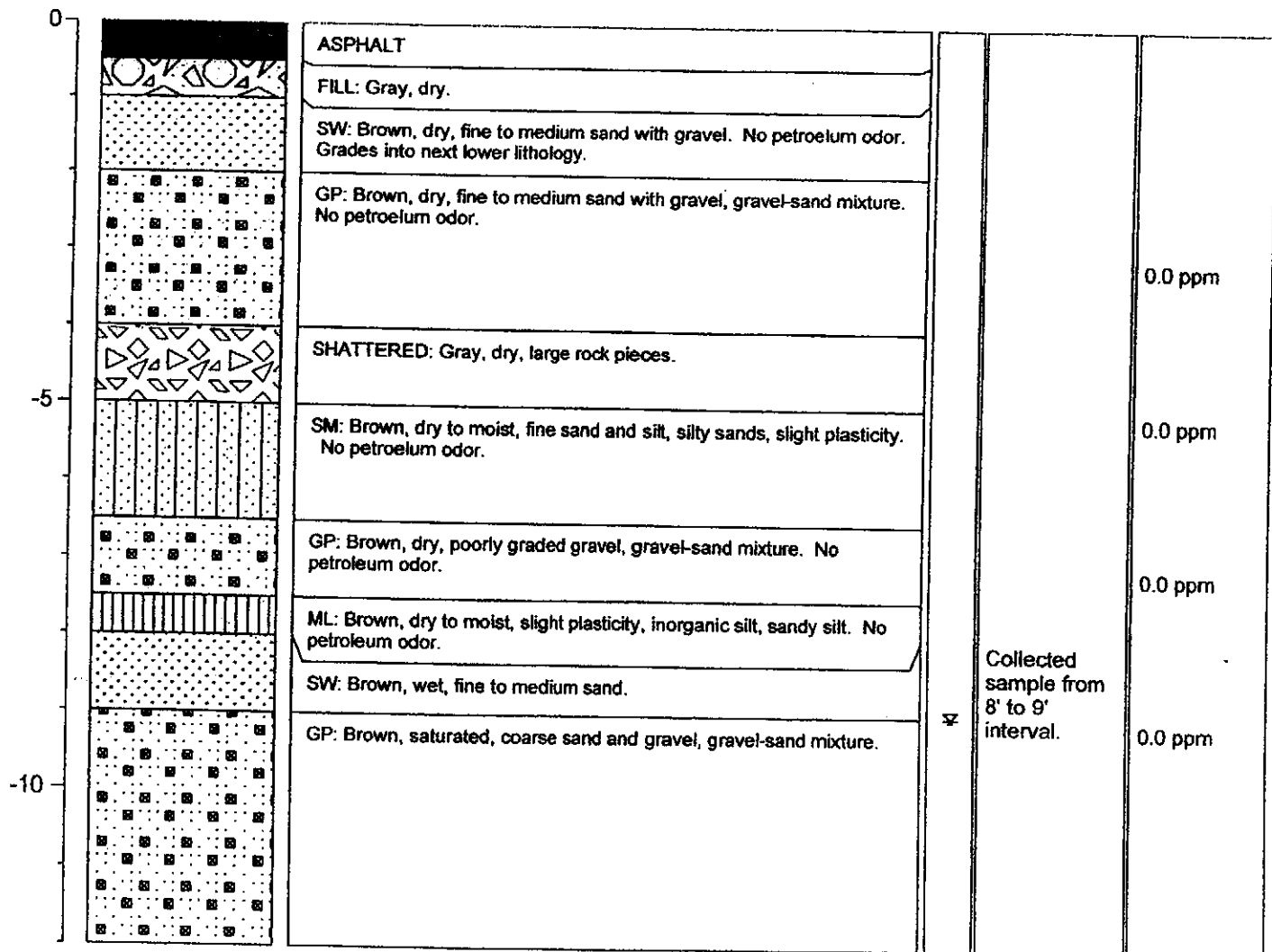
DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP **N/A**
 DEPTH TO WATER **9'**

NOTES:
80 degrees F

☒ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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CONRAD GEOSCIENCE CORP.

One CMC Center Plaza, Suite 501, Poughkeepsie, New York 12601

SOIL BORING LOG

BOREHOLE NO.: **GB-6**

TOTAL DEPTH: **12'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

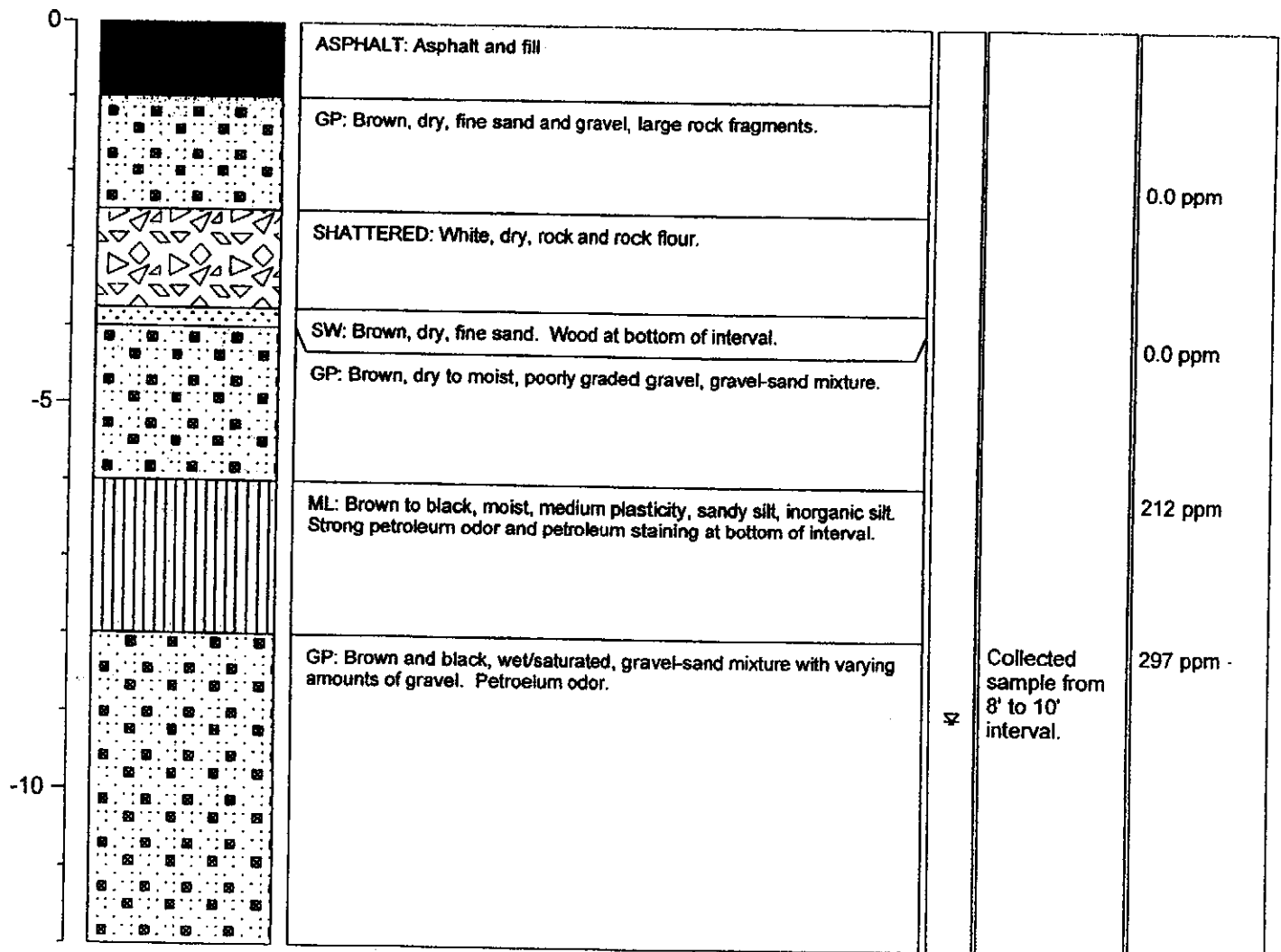
DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP **N/A**
 DEPTH TO WATER **9'**

NOTES:
80 degrees F

☒ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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SOIL BORING LOG

BOREHOLE NO.: GB-7

TOTAL DEPTH: 12'

PROJECT INFORMATION

PROJECT #: RP060080
 SITE LOCATION: Riley's Garage - Pawling
 LOGGED BY: B. Goodwin, C. Brown, S. LaRose
 PROJECT MANAGER: Chris Brown
 DATES DRILLED: 8-14-07 and 8-15-07

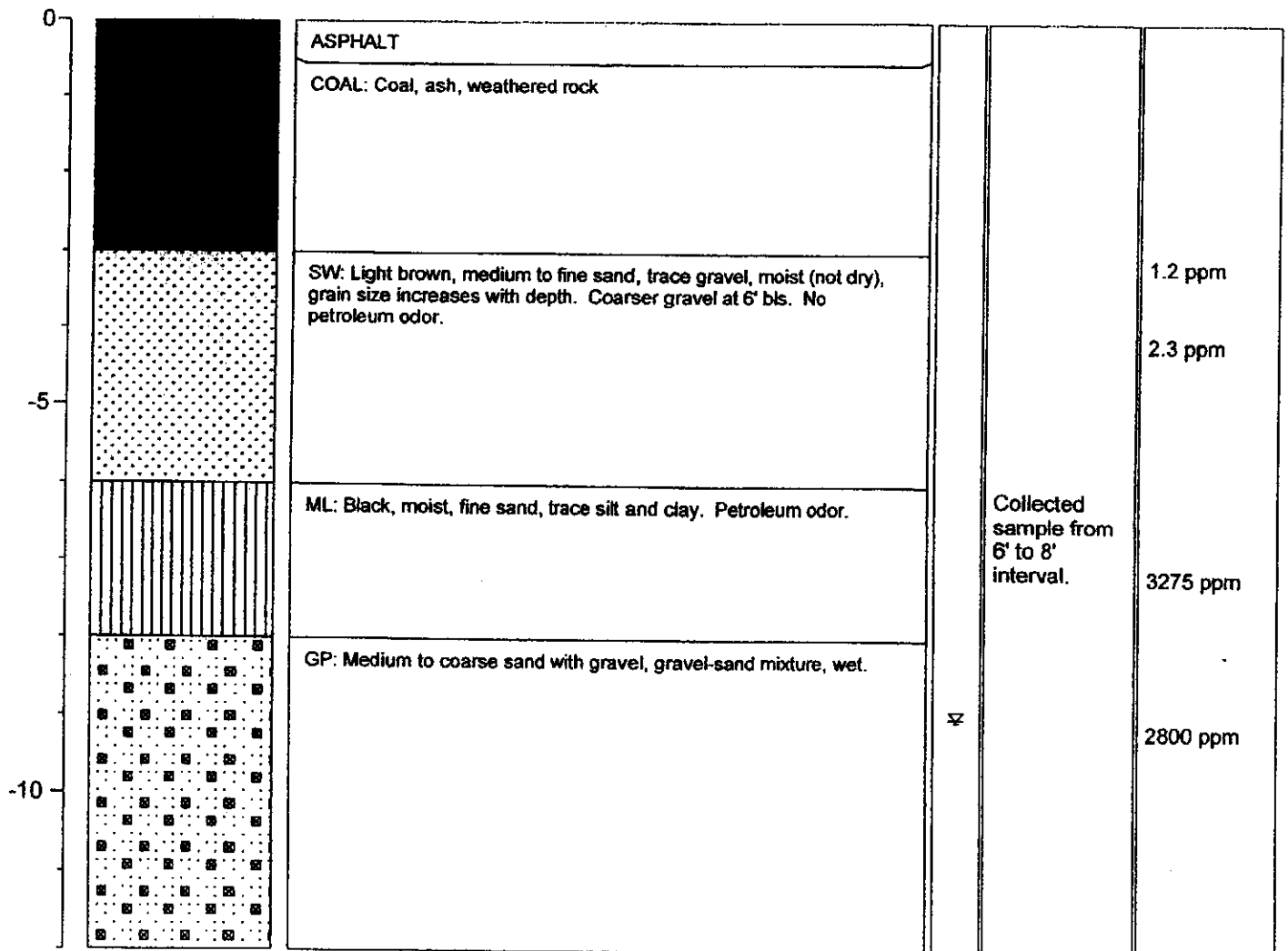
DRILLING INFORMATION

DRILLING CO.: Syska
 RIG TYPE: Geoprobe 54DT
 METHOD OF DRILLING: Direct Push
 SAMPLING METHODS: 4' Macro Core
 HAMMER WT./DROP N/A
 DEPTH TO WATER 9'

NOTES:
80 degrees F

☒ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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SOIL BORING LOG

BOREHOLE NO.: **GB-8**

TOTAL DEPTH: **12'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP: **N/A**
 DEPTH TO WATER: **8'**

NOTES:
80 degrees F

☞ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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0		ASPHALT: Asphalt and fill		
		GP: Brown, dry, poorly graded gravel, gravel-sand mixture. No petroleum odor.		0.6 ppm
		SW: Brown, dry, well-graded sand. No petroleum odor.		
-5		GP: Brown, moist, poorly graded gravel, gravel-sand mixture. No petroleum odor.		3.2 ppm
		ML: Gray/black, inorganic silt, sandy silt, silt with clay. Strong petroleum odor. Petroleum staining.		1925 ppm
		GP: Brown, saturated, poorly graded gravel, gravel-sand mixture. Petroleum odor from 8' to 10' bls, but no odor at bottom of interval.	☞ Collected sample from 6' to 8' interval.	2665 ppm
-10				5.0 ppm



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SOIL BORING LOG

BOREHOLE NO.: **GB-9**

TOTAL DEPTH: **8'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

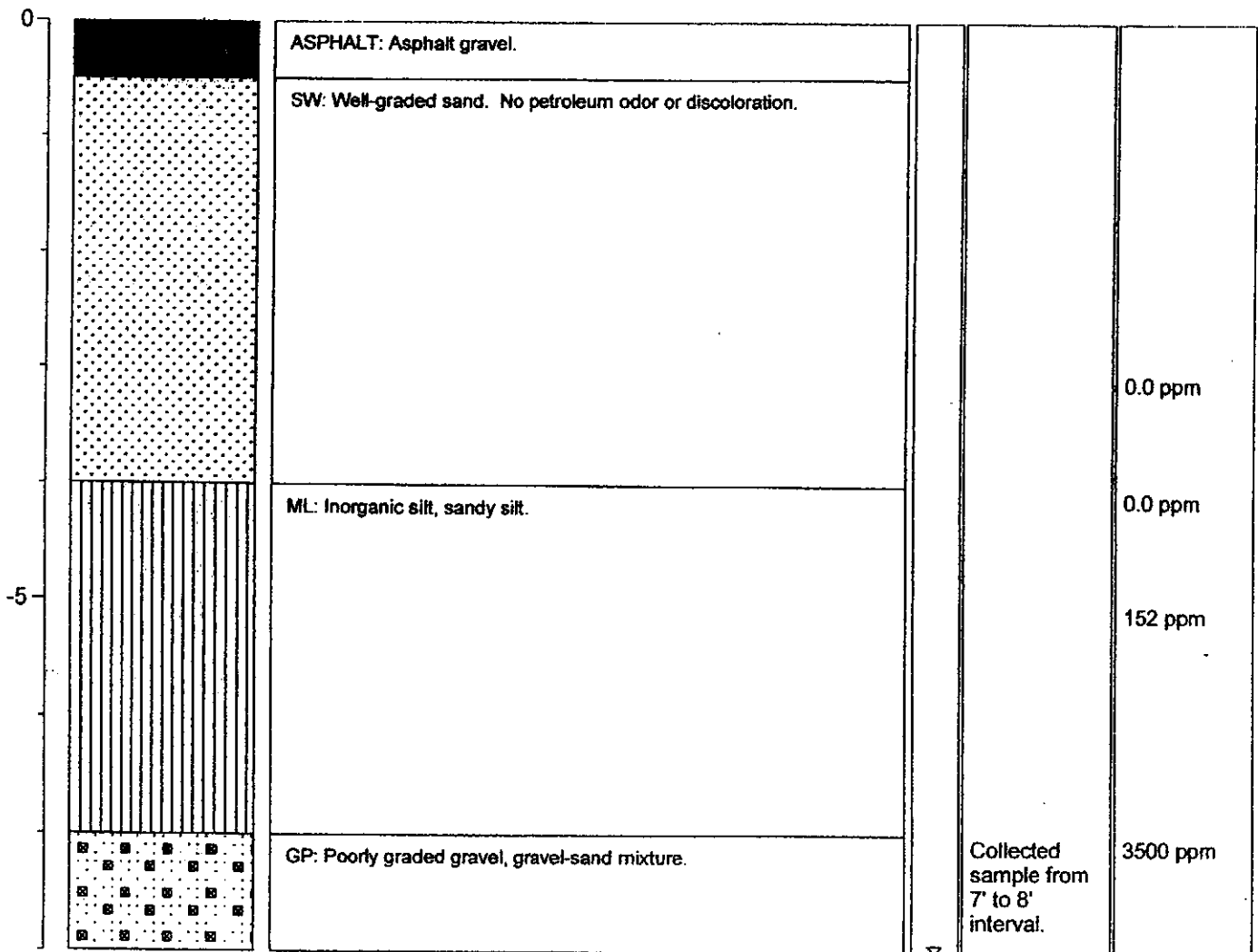
DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP **N/A**
 DEPTH TO WATER **8'**

NOTES:
80 degrees F

☒ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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SOIL BORING LOG

BOREHOLE NO.: **GB-10**

TOTAL DEPTH: **12'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

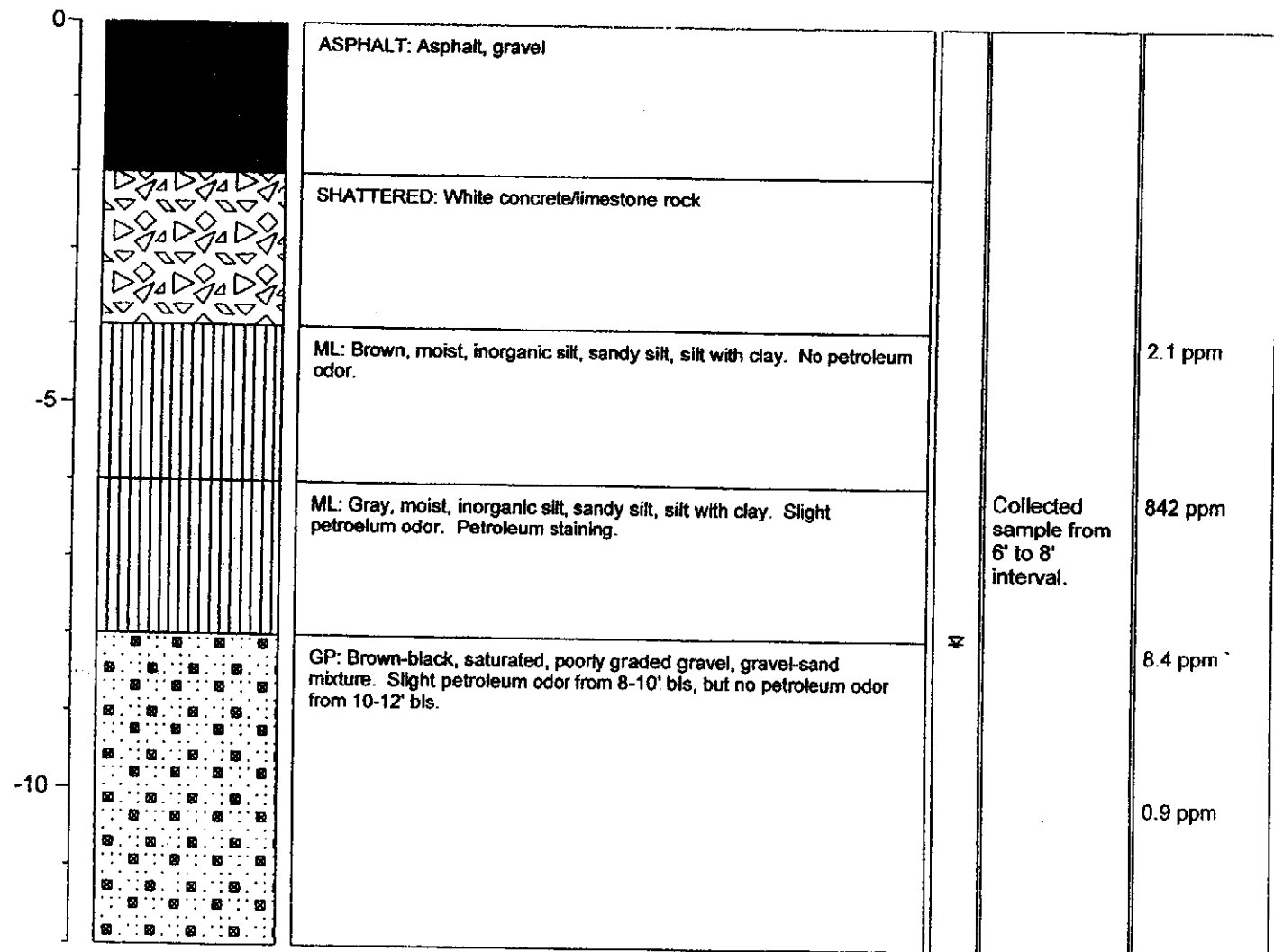
DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP **N/A**
 DEPTH TO WATER **8'**

NOTES:
80 degrees F

☒ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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SOIL BORING LOG

BOREHOLE NO.: **GB-11**

TOTAL DEPTH: **11.6'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP **N/A**
 DEPTH TO WATER **8'**

NOTES:
80 degrees F

☒ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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0		TOPSOIL: Black, dry, topsoil.		
		SHATTERED: White to brown, rocks, rock flour, some gravel-sand mixture. No petroleum odor.		
-5		GP: Brown, moist, poorly graded gravel, gravel-sand mixture.		20 ppm
		ML: Brown-black, wet, inorganic silt, sandy silt, silt with clay. Petroleum odor.	Collected sample from 6' to 8' interval.	881 ppm
		GP: Brown-black, wet, poorly graded gravel, gravel-sand mixture.	☒	9 ppm
-10		SW: Brown to tan, wet, well-graded sand. Refusal encountered at 11.6' bls.		



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SOIL BORING LOG

BOREHOLE NO.: **GB-12**

TOTAL DEPTH: **8'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP: **N/A**
 DEPTH TO WATER: **Not Encountered**

NOTES:
80 degrees F

∇ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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0		<p>ASPHALT</p>		
		<p>GP: Black, dry, gravel-sand mix, poorly graded gravel.</p>		
		<p>SW: Tan to black, dry to moist, well-graded fine-grained sand. Tan from 3-4' bls, brown from 4-6' bls, black from 6-8' bls. Dry from 3-6' bls, moist from 6-8' bls. Boring abandoned at 8' bls due to cave-in.</p>	<p>Collected sample from 6' to 8' interval.</p>	<p>1.2 ppm 4300 ppm</p>
-5				



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SOIL BORING LOG

BOREHOLE NO.: **GB-13**

TOTAL DEPTH: **4'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP: **N/A**
 DEPTH TO WATER: **Not Encountered**

NOTES:
80 degrees F

Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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0		<p>GP: Topsoil, sand-silt-gravel mixture. Refusal encountered at 4' bls.</p>	<p>Collected sample from 2' to 4' interval.</p>	
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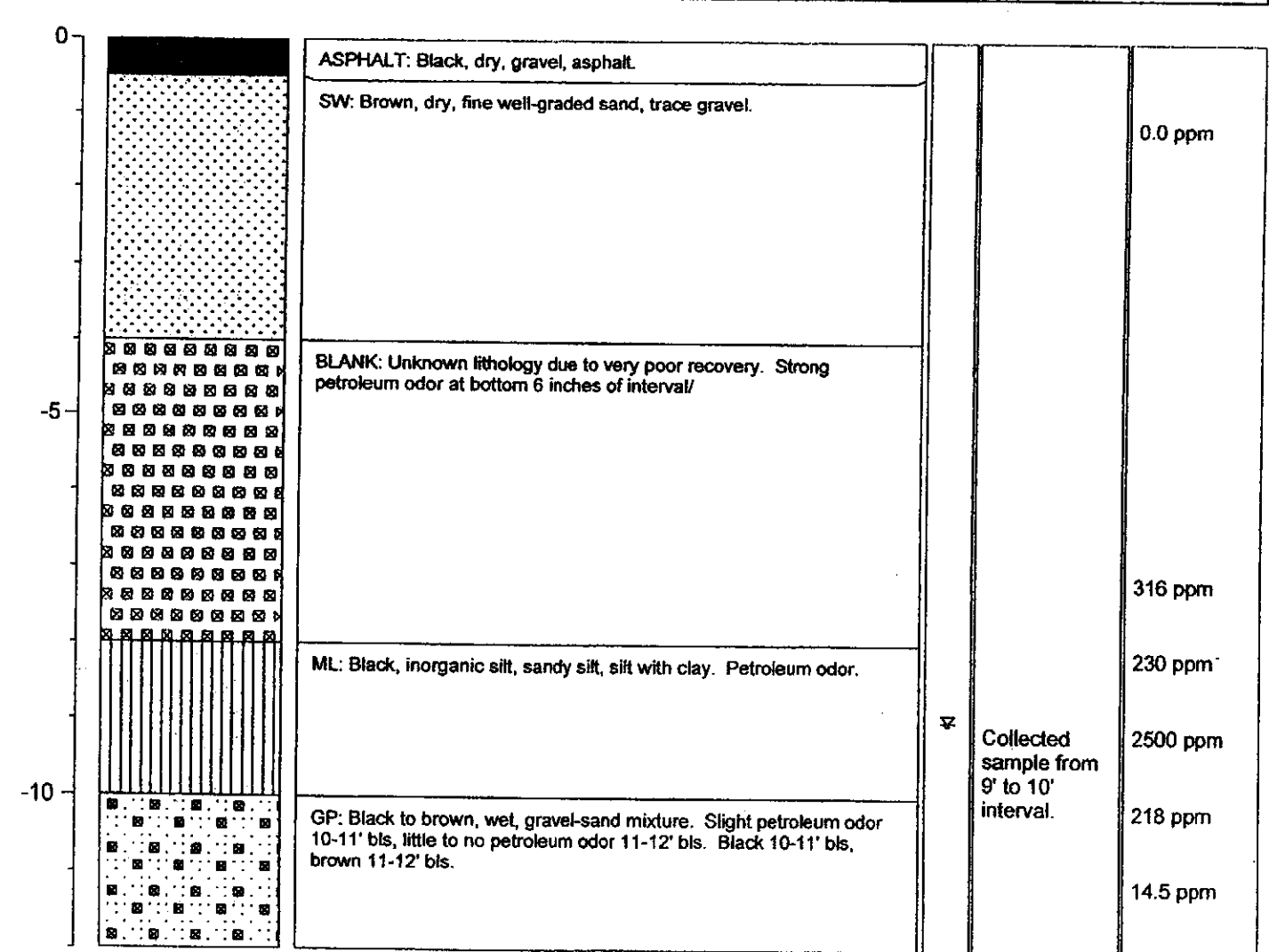
SOIL BORING LOG

BOREHOLE NO.: **GB-14**

TOTAL DEPTH: **12'**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT #:	RP060080	DRILLING CO.:	Syska
SITE LOCATION:	Riley's Garage - Pawling	RIG TYPE:	Geoprobe 54DT
LOGGED BY:	B. Goodwin, C. Brown, S. LaRose	METHOD OF DRILLING:	Direct Push
PROJECT MANAGER:	Chris Brown	SAMPLING METHODS:	4' Macro Core
DATES DRILLED:	8-14-07 and 8-15-07	HAMMER WT./DROP	N/A
		DEPTH TO WATER	9'
NOTES: 80 degrees F		☞ Water level during drilling	

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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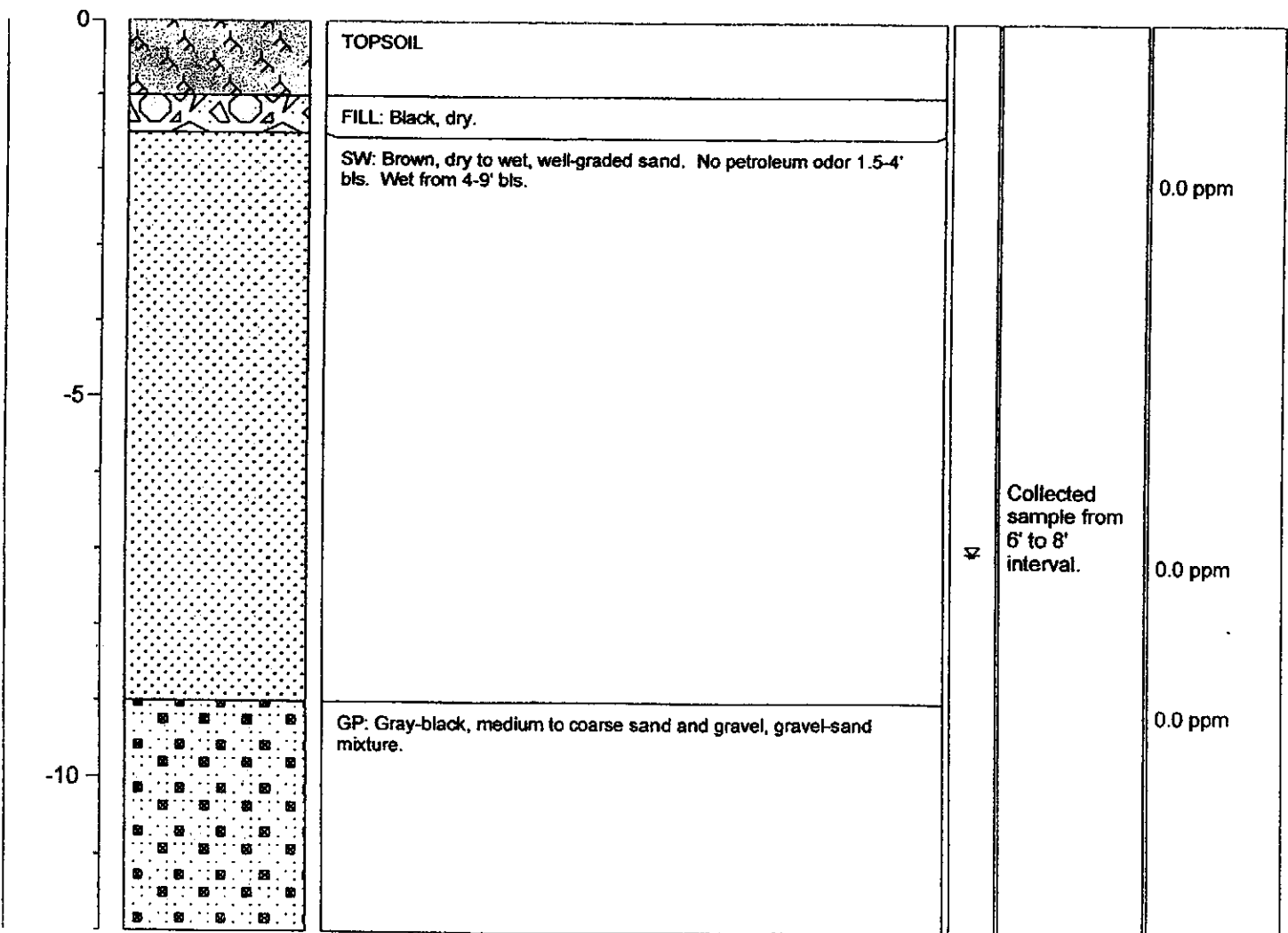
SOIL BORING LOG

BOREHOLE NO.: **GB-15**

TOTAL DEPTH: **12'**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT #:	RP060080	DRILLING CO.:	Syska
SITE LOCATION:	Riley's Garage - Pawling	RIG TYPE:	Geoprobe 54DT
LOGGED BY:	B. Goodwin, C. Brown, S. LaRose	METHOD OF DRILLING:	Direct Push
PROJECT MANAGER:	Chris Brown	SAMPLING METHODS:	4' Macro Core
DATES DRILLED:	8-14-07 and 8-15-07	HAMMER WT./DROP	N/A
		DEPTH TO WATER	7'
NOTES: 80 degrees F		☒ Water level during drilling	

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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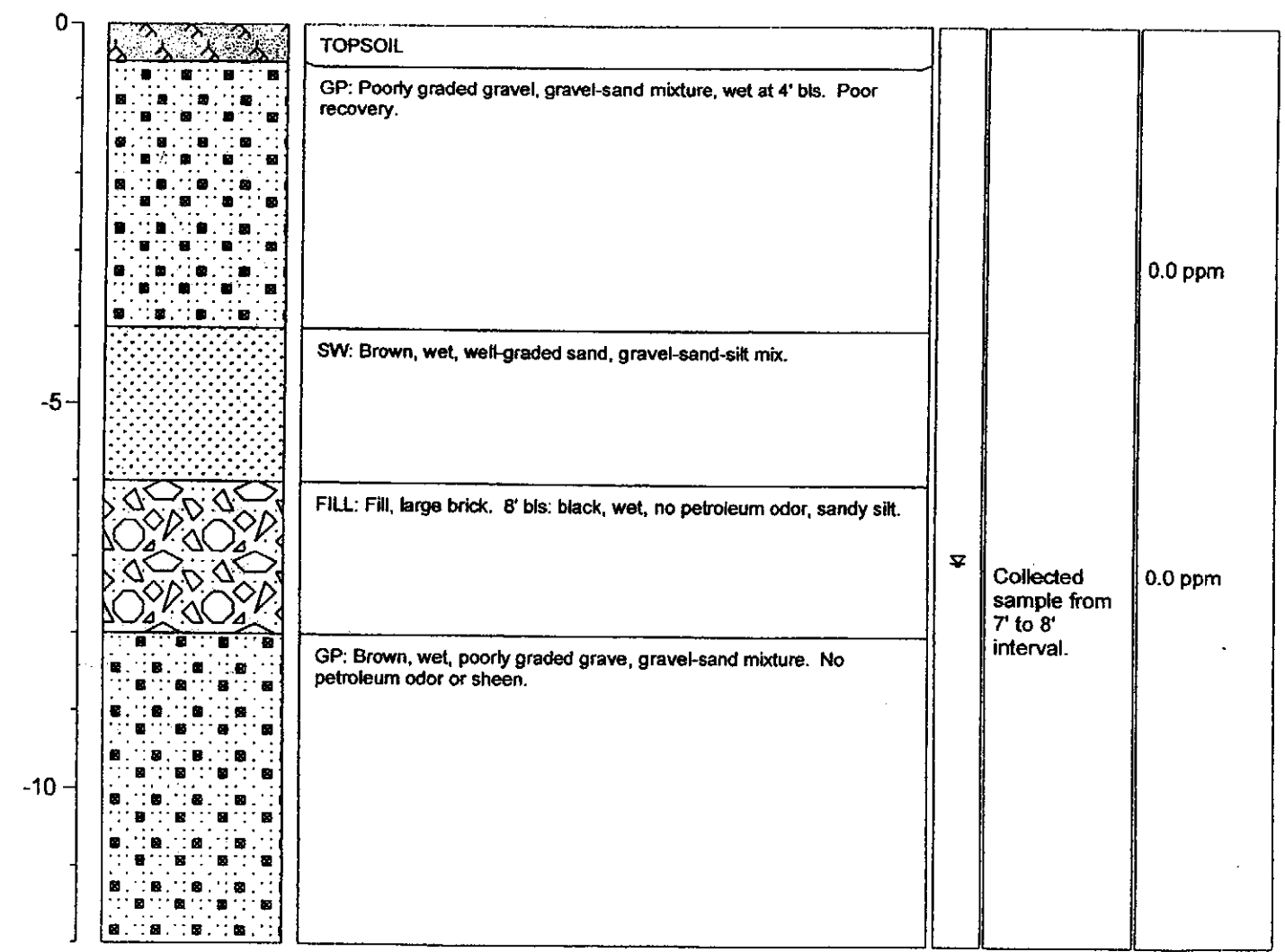
SOIL BORING LOG

BOREHOLE NO.: **GB-16**

TOTAL DEPTH: **12'**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT #:	RP060080	DRILLING CO.:	Syska
SITE LOCATION:	Riley's Garage - Pawling	RIG TYPE:	Geoprobe 54DT
LOGGED BY:	B. Goodwin, C. Brown, S. LaRose	METHOD OF DRILLING:	Direct Push
PROJECT MANAGER:	Chris Brown	SAMPLING METHODS:	4' Macro Core
DATES DRILLED:	8-14-07 and 8-15-07	HAMMER WT./DROP	N/A
		DEPTH TO WATER	7'
NOTES: 80 degrees F		☒ Water level during drilling	

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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SOIL BORING LOG

BOREHOLE NO.: **GB-17**

TOTAL DEPTH: **12'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

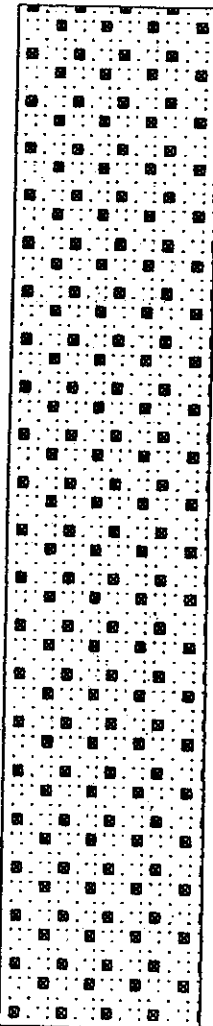
DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP **N/A**
 DEPTH TO WATER **9'**

NOTES:
80 degrees F

☒ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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0		GP: Brown, dry to wet, poorly graded gravel, gravel-sand mixture. Dry from 0-9' bls, wet from 9-12' bls.		0.0 ppm
-5			Collected sample from 6' to 8' interval.	0.0 ppm
-10			☒	0.0 ppm



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SOIL BORING LOG

BOREHOLE NO.: **GB-18**

TOTAL DEPTH: **12'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

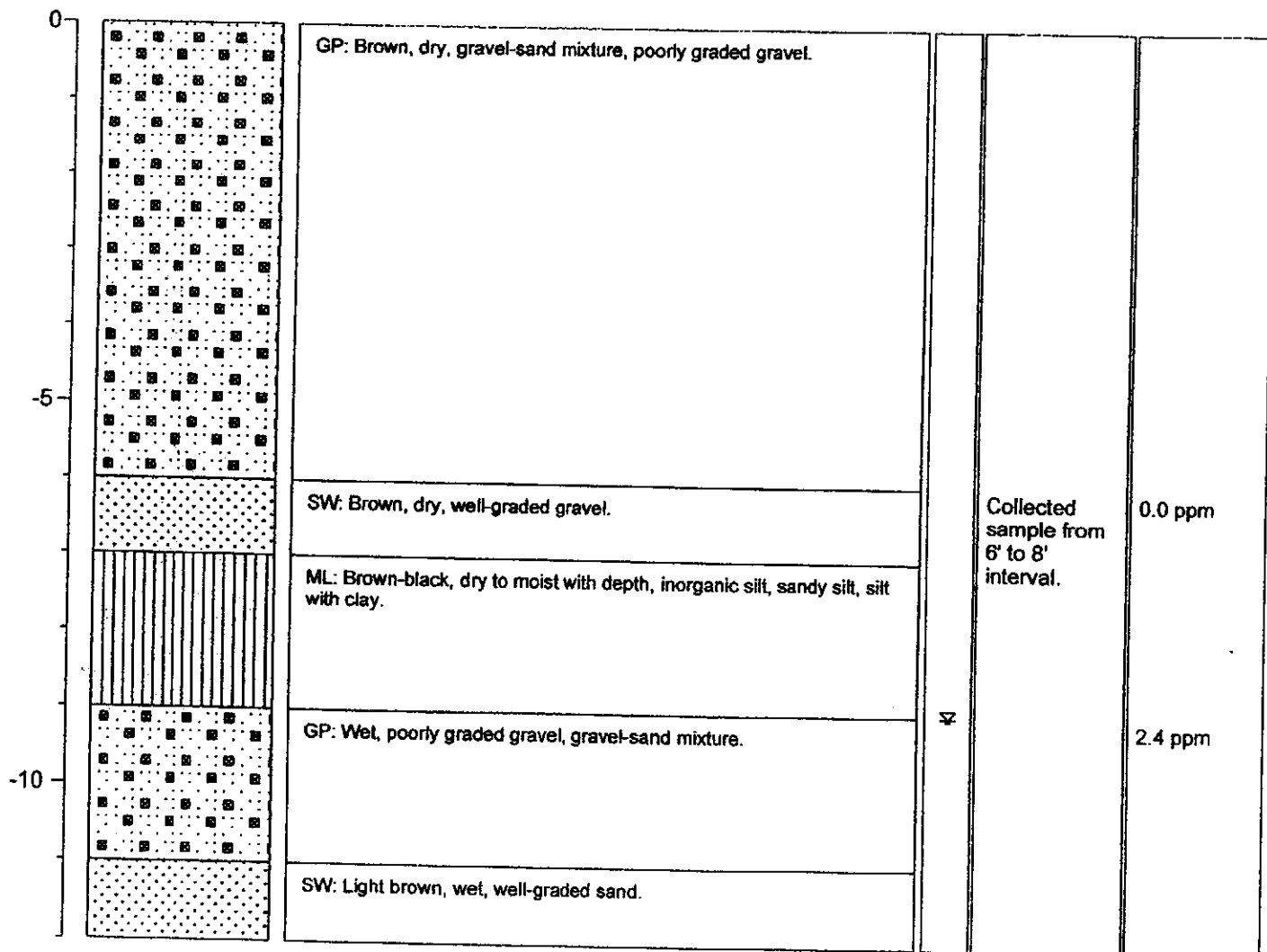
DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP **N/A**
 DEPTH TO WATER **9'**

NOTES:
80 degrees F

☒ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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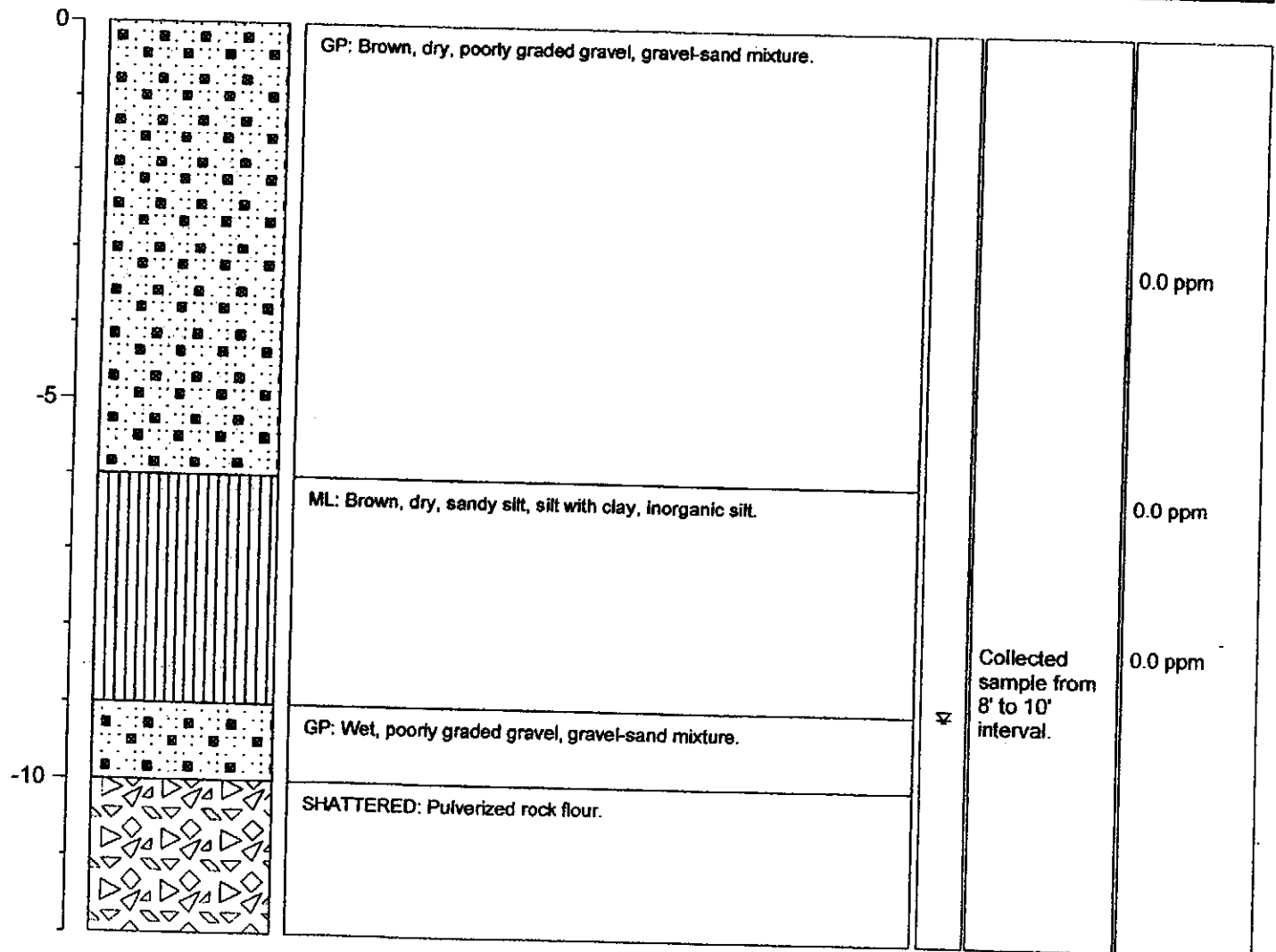
SOIL BORING LOG

BOREHOLE NO.: **GB-19**

TOTAL DEPTH: **12'**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT #:	RP060080	DRILLING CO.:	Syska
SITE LOCATION:	Riley's Garage - Pawling	RIG TYPE:	Geoprobe 54DT
LOGGED BY:	B. Goodwin, C. Brown, S. LaRose	METHOD OF DRILLING:	Direct Push
PROJECT MANAGER:	Chris Brown	SAMPLING METHODS:	4' Macro Core
DATES DRILLED:	8-14-07 and 8-15-07	HAMMER WT./DROP	N/A
		DEPTH TO WATER	9'
NOTES: 80 degrees F		☒ Water level during drilling	

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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SOIL BORING LOG

BOREHOLE NO.: **GB-20**

TOTAL DEPTH: **12'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

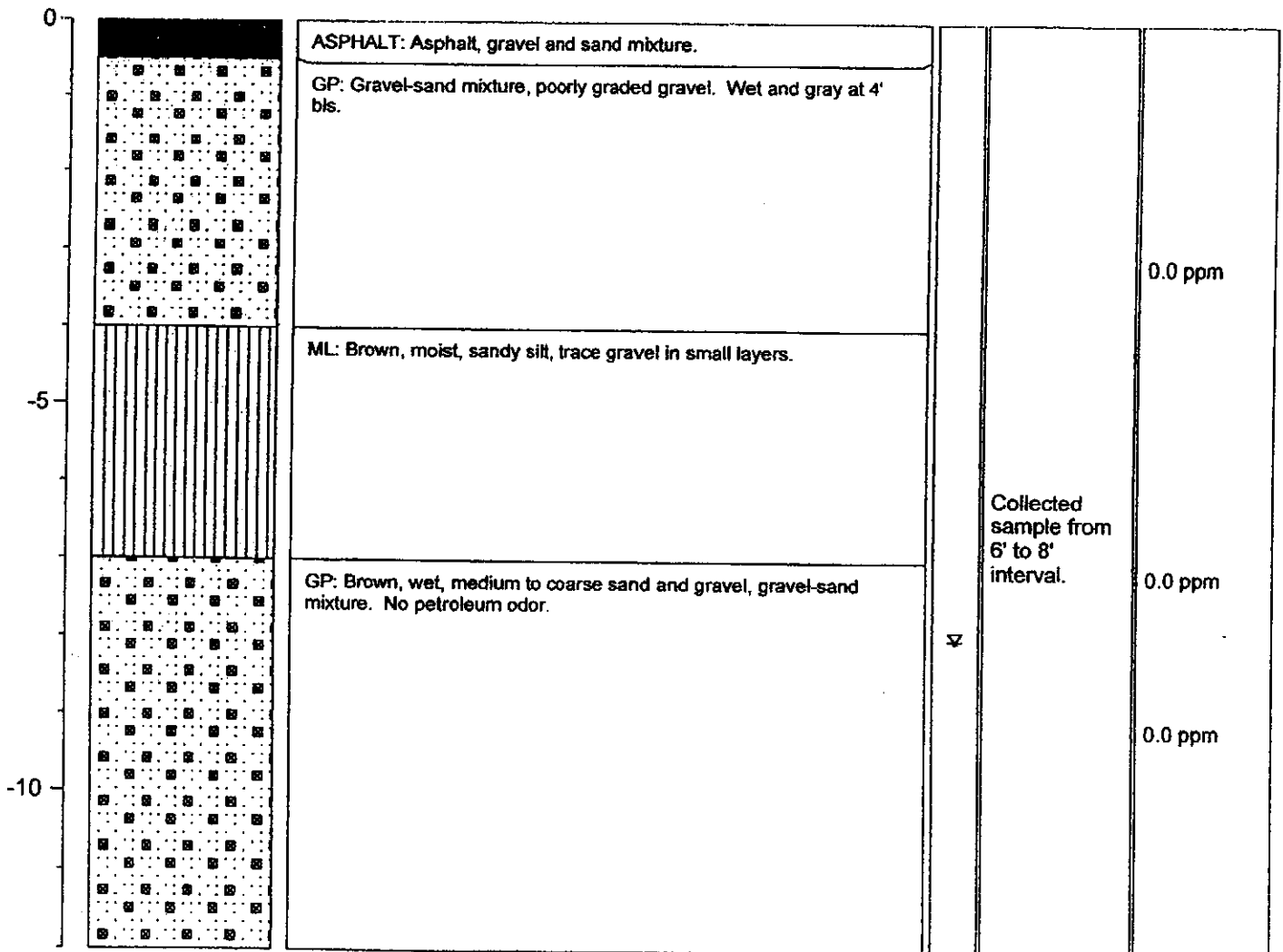
DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP: **N/A**
 DEPTH TO WATER: **8'**

NOTES:
80 degrees F

☒ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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SOIL BORING LOG

BOREHOLE NO.: **GB-21**

TOTAL DEPTH: **12'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

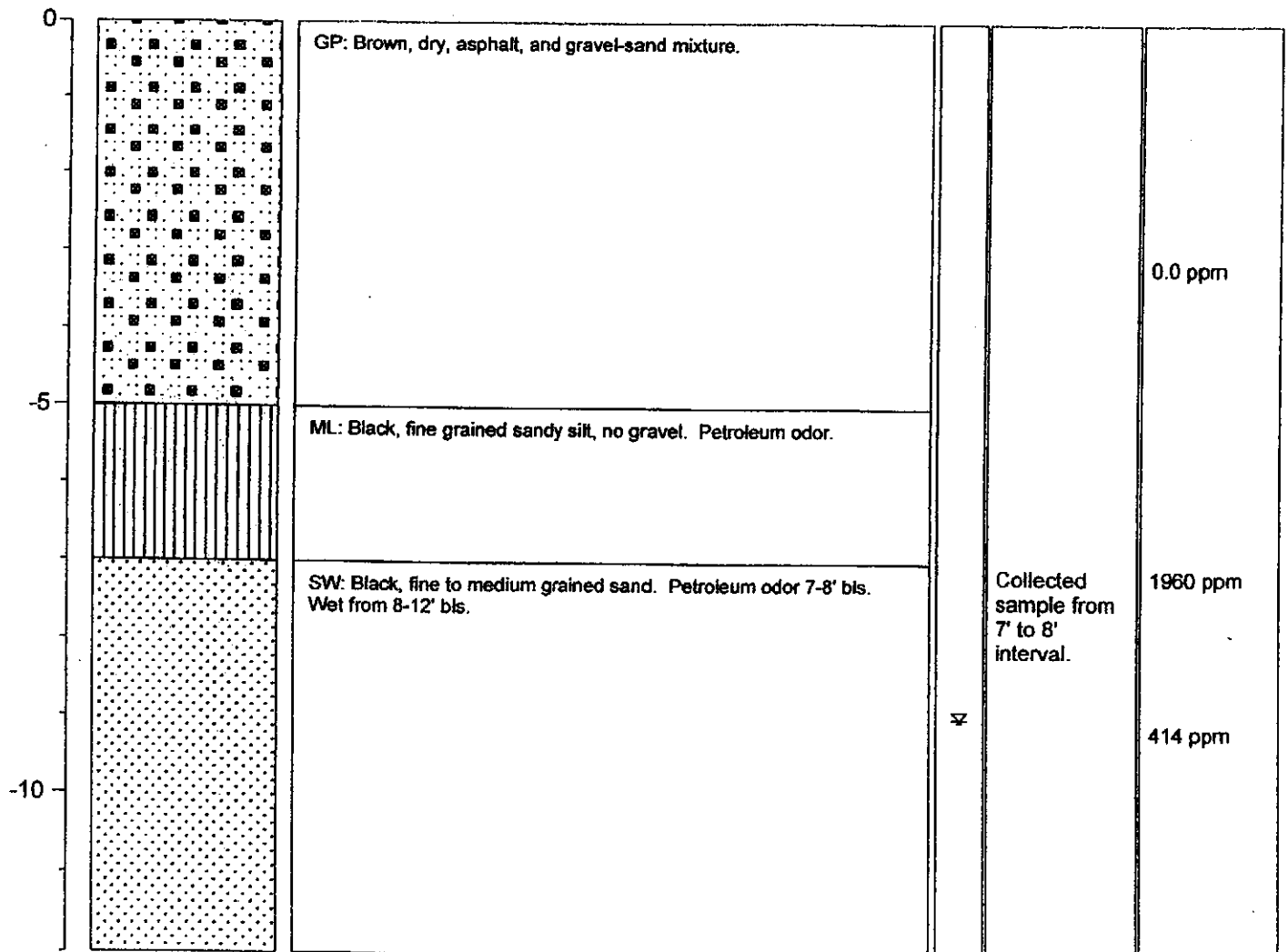
DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP: **N/A**
 DEPTH TO WATER: **9'**

NOTES:
80 degrees F

∇ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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SOIL BORING LOG

BOREHOLE NO.: **GB-22**

TOTAL DEPTH: **12'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

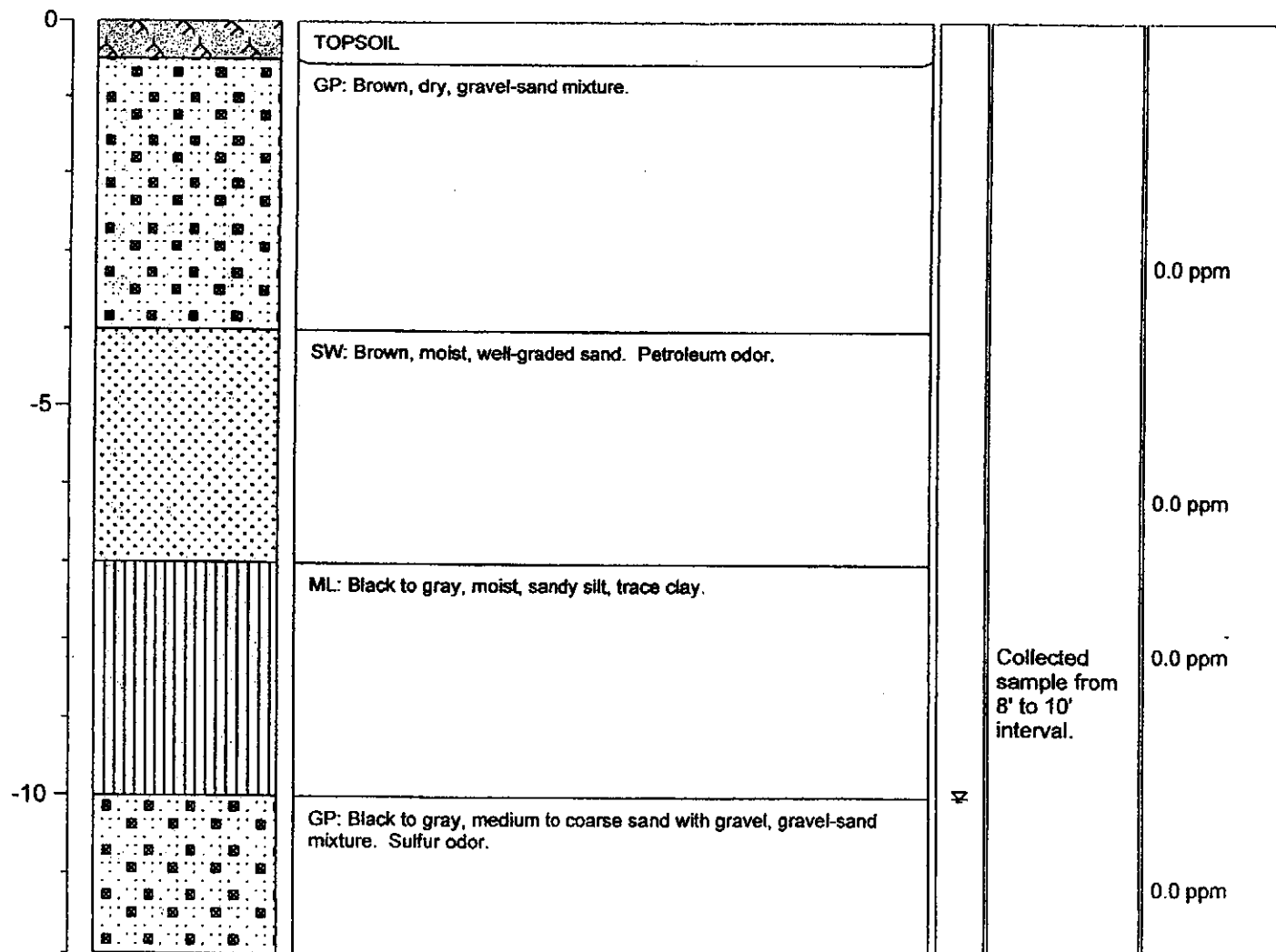
DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP **N/A**
 DEPTH TO WATER **10'**

NOTES:
80 degrees F

∇ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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SOIL BORING LOG

BOREHOLE NO.: **GB-23**

TOTAL DEPTH: **8'**

PROJECT INFORMATION

DRILLING INFORMATION

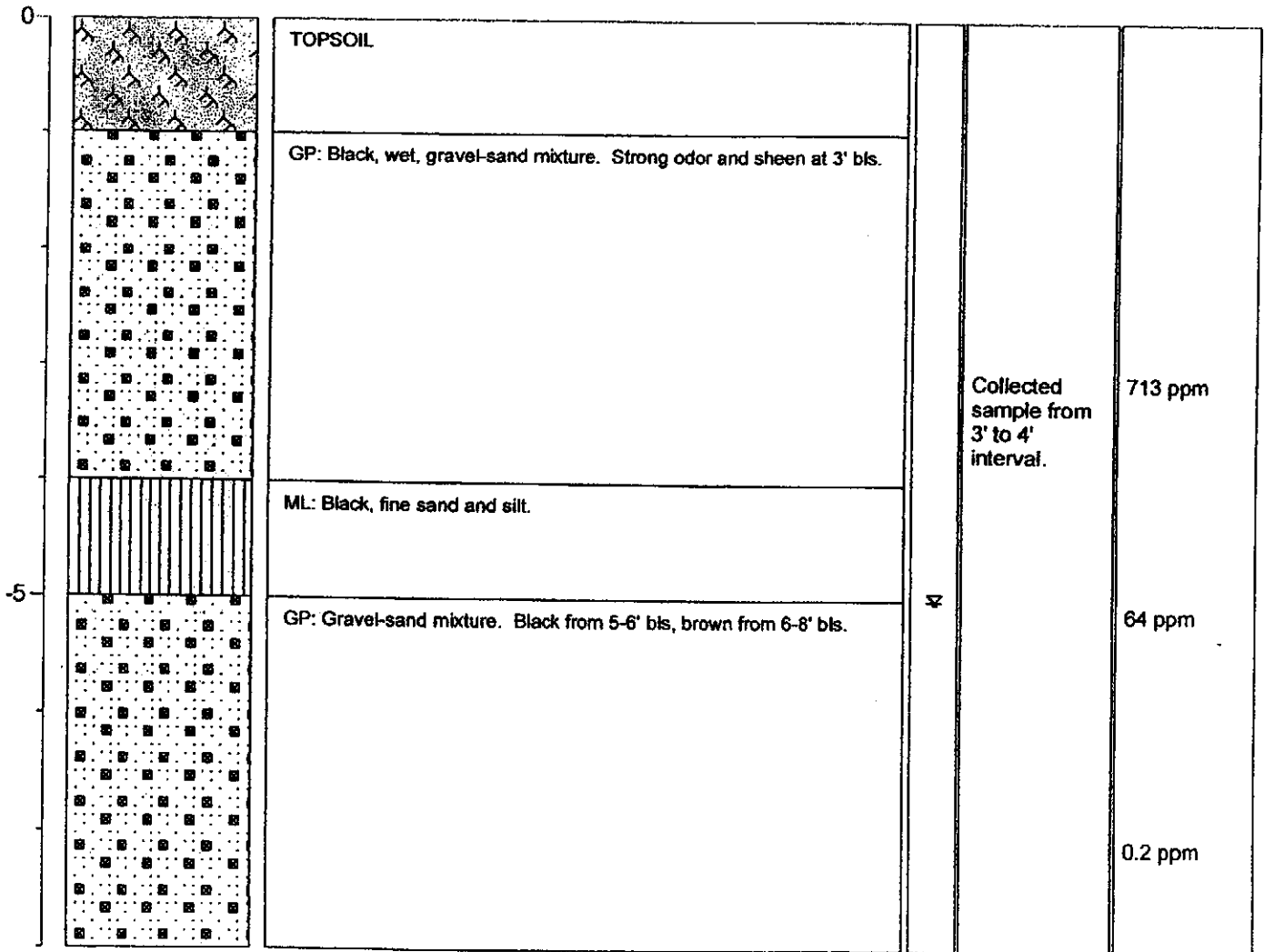
PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP **N/A**
 DEPTH TO WATER **5'**

NOTES:
80 degrees F

☒ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
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Joseph Zarecki, P.E.
Project Executive
Page 2

- Airport/runway construction
 - Water and sewer distribution systems
 - Commercial and residential buildings
 - Housing development and construction
-
- Zarecki & Associates, LLC - 1998 to present
 - Fowler & Zarecki - 1994 to 1998
 - Joseph Zarecki Consulting Engineers - 1985 to 1994
 - Erickson & Silreon
 - George A. Fuller
 - Louis Berger Inton
 - Gibbons & Hyland
 - Norelli & Oliver



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SOIL BORING LOG

BOREHOLE NO.: **GB-24**

TOTAL DEPTH: **16'**

PROJECT INFORMATION

PROJECT #: **RP060080**
 SITE LOCATION: **Riley's Garage - Pawling**
 LOGGED BY: **B. Goodwin, C. Brown, S. LaRose**
 PROJECT MANAGER: **Chris Brown**
 DATES DRILLED: **8-14-07 and 8-15-07**

DRILLING INFORMATION

DRILLING CO.: **Syska**
 RIG TYPE: **Geoprobe 54DT**
 METHOD OF DRILLING: **Direct Push**
 SAMPLING METHODS: **4' Macro Core**
 HAMMER WT./DROP: **N/A**
 DEPTH TO WATER: **14'**

NOTES:
80 degrees F

☞ Water level during drilling

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	Sample Depth	PID (ppm)
0		GP: Light brown, dry, gravel-sand mixture.		0.0 ppm
-5		GP: Black, moist, gravel-sand mixture. Petroleum odor.		345 ppm
-10		GP: Brown, wet, gravel-sand mixture. Petroleum odor and sheen. Refusal encountered at 17.7 feet.	Collected sample from 10' to 12' interval.	650 ppm
-15			☞	489 ppm



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Poughkeepsie, New York 12601
Phone 845/454-2544 Fax 845/454-2655
www.conradgeo.com

FACSIMILE COVER PAGE

DATE: October 27, 2008

PROJECT #

TO: Kelly Liffland

FAX # 845-855-0269

FROM: Stephanie LaRose

CC:

Number of Pages Including Cover Sheet: 31

MESSAGE:

Kelly,

Here are the tables from the RI/IRM report.

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Table II.

Volatile Organic Compounds (VOCs) in GeoprobeTM Soil Boring Samples; USEPA Method 8021 (STARS); collected August 14 and 15, 2007; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File #RP060080

Constituent	NYSDEC Limit ¹	Sample Identification						GB-6 (8'-10')
		GB-1 (5'-6')	GB-2 (6'-8')	GB-3 (6'-8')	GB-4 (6'-8')	GB-5 (6'-8')	GB-6 (8'-10')	
Benzene	60	ND<8.48	ND<8.67	ND<7.60	ND<8.02	ND<8.80	ND<10.5	
n-Butylbenzene	12,000	ND<47.4	ND<43.3	ND<38.0	ND<40.1	ND<44.0	ND<52.4	
sec-Butylbenzene	11,000	ND<9.48	ND<8.67	ND<7.60	ND<8.02	ND<8.80	16.5	
tert-Butylbenzene	5,900	ND<23.7	ND<21.7	ND<19.0	ND<20.0	ND<22.0	ND<26.2	
Ethylbenzene	1,000	ND<9.48	ND<8.67	ND<7.60	ND<8.02	ND<8.80	ND<10.5	
n-Propylbenzene	3,900	ND<9.48	ND<8.67	ND<7.60	ND<8.02	ND<8.80	15.8	
Isopropylbenzene	NE	ND<47.4	ND<43.3	ND<38.0	ND<40.1	ND<44.0	ND<52.4	
p-Isopropyltoluene	NE	ND<47.4	ND<43.3	ND<38.0	ND<40.1	ND<44.0	ND<52.4	
Naphthalene	NE	ND<23.7	ND<21.7	ND<19.0	ND<20.0	ND<22.0	130	
Toluene	700	ND<8.48	ND<8.67	ND<7.60	ND<8.02	ND<8.80	ND<10.5	
1,2,4-Trimethylbenzene	3,600	ND<8.48	ND<8.67	ND<7.60	ND<8.02	ND<8.80	ND<10.5	
1,3,5-Trimethylbenzene	8,400	ND<8.48	ND<8.67	ND<7.60	ND<8.02	ND<8.80	147	
m,p-Xylene	280	ND<9.48	ND<8.67	ND<7.60	ND<8.02	ND<8.80	ND<10.5	
o-Xylene	260	ND<9.48	ND<8.67	ND<7.60	ND<8.02	ND<8.80	ND<10.5	
Methyl tert-butyl Ether	930	ND<9.48	ND<8.67	ND<7.60	ND<8.02	ND<8.80	ND<10.5	
Total VOCs	NE	0	0	0	10	0	309.3	

Notes:

All concentrations are in µg/g.

1 - Standards are for soils according to NYSDDEC 6NYCRR Part 375, Unrestricted Use Soil Cleanup Objectives, unless otherwise indicated.

ND = Not detected, detection limit listed.

Boxface type designates those compounds detected at concentrations exceeding NYSDDEC Unrestricted Use limit.

E = Result has been estimated, calibration limit exceeded.



Table 1 cont'd.

Volatile Organic Compounds (VOCs) in Deepwater Soil Boring Samples; USEPA Method 8021 (STARS); collected August 14 and 15; Former Filley's Garage, 93 East Main Street, Pawling, New York; Conrad Geoscience File #RPO00080

Constituent	NYSDEC (Limit)	Sample Identification					
		GB-7 (6'-8')	GB-8 (6'-8')	GB-9 (7'-8')	GB-10 (6'-8')	GB-11 (6'-8')	GB-12 (6'-8')
Benzene	60	ND<583	ND<117	ND<18.2	ND<12.3	ND<10.6	ND<81.5
n-Butylbenzene	12,000	ND<2,680	ND<586	ND<80.9	ND<81.4	ND<82.9	ND<408
sec-Butylbenzene	11,000	ND<583	859	22.5	72.1	IND<10.6	ND<81.5
tert-Butylbenzene	5,800	ND<1,330	ND<283	ND<45.5	ND<30.7	IND<28.5	ND<204
Ethylbenzene	1,000	4,980	ND<117	ND<18.2	ND<12.3	IND<10.6	ND<81.5
n-Propylbenzene	3,600	2,480	1,780	32.2	213	IND<10.6	ND<81.5
Isopropylbenzene	NE	ND<2,680	ND<586	ND<80.9	ND<81.4	IND<82.9	ND<408
Diisopropylbenzene	NE	1,610	637	ND<45.5	176	IND<28.5	ND<304
Toluene	700	ND<583	ND<117	ND<18.2	ND<12.3	IND<10.6	ND<81.5
1,2,4-Trimethylbenzene	3,600	13,400	8,240	ND<18.2	711	IND<10.6	ND<81.5
1,3,5-Trimethylbenzene	8,400	5,050	3,090	ND<18.2	88.0	IND<10.6	ND<81.5
m,p-Xylene	260	7,080	2,280	ND<18.2	28.3	ND<10.6	ND<81.5
o-Xylene	260	ND<583	ND<117	ND<18.2	ND<12.3	ND<10.6	ND<81.5
Methyl tert-butyl Ether	980	ND<583	ND<117	ND<18.2	ND<12.3	ND<10.6	ND<81.5
Total VOCs	NE	34,610	17,143	54.7	1,263.4	0	0

Notes:
 All concentrations are in ug/kg
 1 - Standards are for soils according to NYSDEC 6NYCRR Part 305, Unrestricted Use Soil Cleanup Objectives, unless otherwise indicated;
 ND = Not detected, detection limit listed;
 Balance type designates those compounds detected at concentrations exceeding NYSDEC Unrestricted Use Limit.
 E = Result has been estimated, calibration limit exceeded

Table 1 cont'd.
 Volatile Organic Compounds (VOCs) in Soils from Soil Boring Samples; USEPA Method 8021 (SITAR); collected August 14 and 15; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File #RP060080

Constituent	NYSDEC Limit ¹	Sample Identification					
		GB-13 (2-4)	GB-14 (5-10)	GB-15 (6-8)	GB-16 (7-8)	GB-17 (8-5)	GB-18 (8-5)
Benzene	50	ND<9.07	ND<10.2	ND<13.3	ND<8.96	ND<8.41	ND<15.7
n-Butylbenzene	12,000	ND<45.4	ND<51.1	ND<66.6	ND<41.8	ND<32.0	ND<78.6
sec-Butylbenzene	11,000	ND<9.07	92.8	ND<13.3	ND<8.96	ND<8.41	ND<15.7
tert-Butylbenzene	5,900	ND<22.7	ND<25.5	ND<33.3	ND<20.9	ND<16.0	ND<39.2
Ethylbenzene	1,600	ND<9.07	ND<10.2	ND<13.3	ND<8.96	ND<8.41	ND<15.7
n-Propylbenzene	3,900	ND<9.07	140	ND<13.3	ND<8.96	ND<8.41	ND<15.7
Isopropylbenzene	NE	ND<45.4	ND<51.1	ND<66.6	ND<41.8	ND<32.0	ND<78.6
p-Isopropyltoluene	NE	ND<45.4	201	ND<66.6	ND<41.8	ND<32.0	ND<78.6
Naphthalene	NE	ND<22.7	ND<25.5	ND<33.3	ND<20.9	ND<16.0	ND<39.2
Toluene	700	ND<9.07	ND<10.2	ND<13.3	10.4	ND<8.41	ND<15.7
1,2,4-Trimethylbenzene	3,600	ND<9.07	173	ND<13.3	ND<8.96	ND<8.41	ND<15.7
1,3,5-Trimethylbenzene	8,400	ND<9.07	304	ND<13.3	ND<8.96	ND<8.41	ND<15.7
m,p-Xylene	260	ND<9.07	10.3	ND<13.3	12.5	ND<8.41	ND<15.7
o-Xylene	260	ND<9.07	ND<10.2	ND<13.3	ND<8.96	ND<8.41	ND<15.7
Methyl tert-butyl Ether	980	ND<9.07	ND<10.2	ND<13.3	ND<8.96	ND<8.41	ND<15.7
Total VOCs	NE	10	921.1	0	22.9	0	0

Notes:
 All concentrations are in ug/kg.
 1 - Standards are for soils according to NYSED 6NYCRR Part 375, Unrestricted Use Soil Cleanup Objectives, unless otherwise indicated;
 ND = Not detected, detection limit listed;
 Solstice type designates those compounds detected at concentrations exceeding NYSED Unrestricted Use Limit.
 E = Result has been estimated, calibration limit exceeded



Table 11 cont'd.
 Volatile Organic Compounds (VOCs) in Soil Samples; USEPA Method 8021 (STARS); collected August 14 and 15; Former Riley's Garage, 33 East Main Street, Pawling, New York
 Conrad Geoscience File #RIP060080

Constituent	NYSDEC Limit	Sample Identification						
		GB-19 (8-10)	GB-20 (8-8)	GB-21 (7-8)	GB-22 (6-10)	GB-23 (8-4)	GB-24 (10-12)	
Benzene	80	ND<8.82	ND<7.07	ND<150	ND<9.73	ND<158	ND<104	
n-Butylbenzene	12,000	ND<44.1	ND<35.3	ND<752	ND<48.8	ND<791	ND<522	
sec-Butylbenzene	11,000	ND<8.82	ND<7.07	787	ND<9.73	1159	ND<104	
tert-Butylbenzene	5,800	ND<22.1	ND<17.7	ND<376	ND<24.3	ND<395	ND<281	
Ethylbenzene	1,000	ND<8.82	ND<7.07	870	ND<9.73	ND<158	215	
n-Propylbenzene	3,800	ND<8.82	ND<7.07	1,980	ND<9.73	726	2,390	
Isopropylbenzene	NE	ND<44.1	ND<35.3	811	ND<48.8	ND<781	1,090	
p-Isopropyltoluene	NE	ND<44.1	ND<35.3	2,020	ND<48.8	ND<791	ND<522	
Naphthalene	NE	ND<22.1	ND<17.7	2,680	ND<24.3	1677	4,280	
Toluene	700	ND<8.82	ND<7.07	ND<150	ND<9.73	ND<158	ND<104	
1,2,4-Trimethylbenzene	3,600	ND<8.82	ND<7.07	3,110	ND<9.73	9,410	15,900 E	
1,3,5-Trimethylbenzene	8,400	ND<8.82	ND<7.07	4,280	ND<9.73	1,650	4,720	
m,p-Xylene	280	ND<8.82	ND<7.07	202	ND<9.73	1,940	10,900	
o-Xylene	280	ND<8.82	ND<7.07	ND<150	ND<9.73	ND<158	ND<104	
Methyl tert-butyl Ether	930	ND<8.82	ND<7.07	ND<150	ND<9.73	ND<158	ND<104	
Total VOCs	NE	0	0	16,720	0	6,582	22,705	

Notes:
 All concentrations are in ug/kg.
 1 - Standards are for soils according to NYSDEC 6NYCRR Part 375, Unrestricted Use Soil Cleanup Objectives, unless otherwise indicated.
 ND = Not detected, detection limit listed.
 Replaces type designates those compounds detected at concentrations exceeding NYSDEC Unrestricted Use limit.
 E = Result has been estimated, calibration limit exceeded

Table 2. Volatile Organic Compounds (VOCs) in Slide Hammer Soil Boring Samples; USEPA Method 8021 (STARS); collected September 24, 2007; Former Filley's Garage, 33 East Main Street, Payling, New York; Conrad Geoscience File #RP060080

Constituent	NYSDEC Limit	Sample Identification		
		GBSH-1 (2.5-9)	GBSH-2 (10-3)	GBSH-3 (10-3)
Benzene	60	ND<8.04	ND<12.6	ND<8.53
n-Butylbenzene	12,000	ND<45.2	ND<88.1	ND<47.7
sec-Butylbenzene	11,000	ND<8.04	104	ND<8.53
tert-Butylbenzene	5,000	ND<22.6	ND<31.6	ND<23.8
Ethylbenzene	1,000	28.7	66.3	ND<8.53
n-Propylbenzene	3,000	60.3	223	ND<8.53
Isopropylbenzene	NE	ND<45.2	90.1	ND<47.7
para-Propyltoluene	NE	ND<45.2	86.5	ND<47.7
Naphthalene	NE	ND<32.6	41.1	ND<23.8
Toluene	700	67.1	ND<12.6	ND<8.53
1,2,4-Trimethylbenzene	3,000	287	63.1	ND<8.53
1,3,5-Trimethylbenzene	3,400	115	929	778
m,p-Xylene	260	60.1	15.1	ND<8.53
o-Xylene	260	ND<8.04	ND<12.6	ND<8.53
Methyl tert-butyl Ether	930	ND<8.04	ND<12.6	ND<8.53
Total VOCs	NE	627.2	1,618.2	778

Notes:
 All concentrations are in ug/g.
 1 - Standards are for soils according to NYSDDEC 61NYCRR Part 375, Unrestricted Use Soil Cleanup Objectives, unless otherwise indicated.
 ND = Not detected, detection limit listed.
 Boldface type designates those compounds detected at concentrations exceeding NYSDDEC Unrestricted Use Limit.
 E. = Result has been estimated, calibration limit exceeded.

Table 3. Semi-Volatile Organic Compounds (SVOCs) in Geoprotectant Soil Samples; USEPA Method 8270 (STARS); collected August 14 and 15, 2007; Farmer Riley's Garage, 33 East Main Street, Rawlins, New York; Conrad Geoscience File # RP080080

Constituent	NYSDEC Limit	Sample Identification							
		GB-1 (8-17)	GB-2 (8-9)	GB-3 (8-9)	GB-4 (8-9)	GB-5 (8-9)	GB-8 (8-10)	GB-7 (8-8)	GB-9 (8-8)
Acenaphthene	20,000	ND<336	ND<348	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Acenaphthylene	100,000	ND<336	ND<348	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Anthracene	100,000	ND<336	ND<346	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Benzo (a) anthracene	1,000	ND<336	ND<346	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Benzo (a) pyrene	1,000	ND<336	ND<346	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Benzo (b) fluoranthene	1,000	ND<336	ND<346	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Benzo (g,h,i) perylene	100,000	ND<336	ND<346	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Benzo (k) fluoranthene	600	ND<336	ND<346	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Chrysene	1,000	ND<336	ND<346	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Dibenz (a,h) anthracene	330	ND<336	ND<346	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Fluoranthene	100,000	ND<336	ND<346	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Fluorene	30,000	ND<336	ND<346	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Indeno (1,2,3-cd) pyrene	500	ND<336	ND<346	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Naphthalene	12,000	ND<336	ND<346	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Phenanthrene	100,000	ND<336	ND<346	ND<330	ND<344	ND<366	ND<383	779	ND<403
Pyrene	100,000	ND<336	ND<346	ND<330	ND<344	ND<366	ND<383	ND<378	ND<403
Total SVOCs	N/A	0	0	0	0	0	0	0	0

Notes:
 All concentrations are in $\mu\text{g/kg}$.
 1 - Standards are for soils according to NYSDEC Part 375, Unrestricted Use Soil Cleanup Objectives.
 ND = Not detected, detection limit listed.
 MDL = Method Detection Limit.
 Exceeds type designator those compounds detected at concentrations exceeding NYSDEC Unrestricted Use Limit.
 E = Exceeded calibration range of instrument.



Table 1 cont'd Semi-Volatile Organic Compounds (SVOCs) in Geoprodium Soil Samples; USEPA Method: 8270 (STARS); collected August 14 and 16, 2007; Former Riley's Garage, 30 East Main Street, Pawling, New York; Conrad Geoscience File # RP060080

Constituent	MYSIDEC Limit	Sample Identification									
		GB-9 (7-8)	GB-10 (8-8)	GB-11 (8-8)	GB-12 (8-8)	GB-13 (2-4)	GB-14 (9-10)	GB-15 (8-8)	GB-16 (7-8)		
Acenaphthene	20,000	ND<388	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	ND<353		
Acenaphthylene	100,000	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	401		
Anthracene	100,000	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	ND<353		
Benzo (a) anthracene	1,000	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	586		
Benzo (a) pyrene	1,000	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	661		
Benzo (b) fluoranthene	1,000	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	585		
Benzo (g,h,i) perylene	100,000	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	1,470		
Benzo (k) fluoranthene	800	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	457		
Chrysene	1,000	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	574		
Dibenz (a,h) anthracene	300	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	ND<353		
Fluoranthene	100,000	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	764		
Fluorene	30,000	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	ND<353		
Indeno (1,2,3-cd) pyrene	500	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	768		
Naphthalene	12,000	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	ND<353		
Phenanthrene	100,000	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	ND<353		
Pyrene	100,000	ND<336	ND<389	ND<405	ND<327	ND<319	IND<327	ND<408	689		
Total SVOCs	N/A	0	0	0	0	0	0	0	16,955		

Notes:
 All concentrations are in ug/kg;
 1 - Standards are located according to NYSDDEC Part 375, Unrestricted Use Soil Cleanup Objectives;
 ND = Not detected, detection limit listed;
 MDL = Method Detection Limit;
 Boldface type designates those compounds detected at concentrations exceeding NYSDDEC Unrestricted Use Limit;
 E = Exceeded calibration range of instrument



Table 3 cont'd Semi-Volatile Organic Compounds (SVOCs) in Geoprep Soil Samples, USEPA Method 8270 (STARIS), collected August 14 and 15, 2007; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File # RR060060

Constituent	NYSDEC Limit ¹	Sample Identification									
		GB-17 (8-8)	GB-18 (8-8)	GB-19 (8-10)	GB-20 (8-8)	GB-21 (7-8)	GB-22 (8-10)	GB-23 (3-4)	GB-24 (10-12)		
Acenaphthene	20,000	ND<488	ND<488	ND<337	ND<338	ND<378	ND<352	ND<326	ND<330		
Acenaphthylene	100,000	ND<498	ND<498	ND<337	ND<338	ND<378	ND<352	ND<326	ND<330		
Anthracene	100,000	ND<498	ND<498	ND<337	ND<338	ND<378	ND<352	ND<326	ND<330		
Benzo (a) anthracene	1,000	ND<498	ND<498	ND<337	ND<338	ND<378	ND<352	ND<326	ND<330		
Benzo (a) pyrene	1,000	ND<498	ND<498	ND<337	ND<338	ND<378	ND<352	ND<326	ND<330		
Benzo (b) fluoranthene	1,000	ND<498	ND<498	ND<337	ND<338	ND<378	ND<352	ND<326	ND<330		
Benzo (g,h,i) perylene	100,000	ND<312	ND<312	ND<337	ND<338	ND<378	ND<352	ND<326	ND<330		
Benzo (k) fluoranthene	500	ND<312	ND<312	ND<337	ND<338	ND<378	ND<352	ND<326	ND<330		
Chrysene	1,000	ND<498	ND<498	ND<337	ND<338	ND<378	ND<352	ND<326	ND<330		
Dibenz (a,h) anthracene	300	ND<498	ND<498	ND<337	ND<338	ND<378	ND<352	ND<326	ND<330		
Fluoranthene	100,000	ND<312	ND<312	492	ND<338	ND<378	ND<352	1,090	ND<330		
Fluorene	30,000	ND<312	ND<312	ND<337	ND<338	ND<378	ND<352	ND<326	ND<330		
Indeno (1,2,3-cd) perylene	500	ND<312	ND<312	ND<337	ND<338	ND<378	ND<352	ND<326	ND<330		
Naphthalene	12,000	ND<312	ND<312	ND<337	ND<338	ND<378	ND<352	ND<326	ND<330		
Phenanthrene	100,000	ND<312	ND<312	344	ND<338	ND<378	ND<352	ND<326	ND<330		
Pyrene	100,000	ND<312	ND<312	340	ND<338	ND<378	ND<352	ND<326	ND<330		
Total SVOCs	N/A	0	0	1,155	0	0	0	3,967	2,550		

Notes:
 All concentrations are in ug/kg;
 1 - Standards are for soils according to NYSDDEC Part 875, Unrestricted Use Soil Cleanup Objectives;
 ND = Not detected, detection limit listed;
 MDL = Method Detection Limit;
 Boldface type designates those compounds detected at concentrations exceeding NYSDDEC Unrestricted Use Limit;
 E = Exceeded calibration range of instrument

Table 4. Semi-Volatile Organic Compounds (SVOCs) in Slide Hammer Soil Samples; USEPA Method 8270 (STARS); collected September 24, 2007; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File # RP060080

Constituent	NYSDEC Limit	Sample Identification		
		GBSH-1 (2.5-6')	GBSH-2 (0-3')	GBSH-3 (0-3')
Acenaphthene	20,000	ND-305	ND-372	ND-343
Acenaphthylene	100,000	326	ND-372	ND-343
Anthracene	100,000	ND-305	IND-372	ND-343
Benzo (a) anthracene	1,000	316	IND-372	ND-343
Benzo (a) pyrene	1,000	489	IND-372	ND-343
Benzo (b) fluoranthene	1,000	375	IND-372	ND-343
Benzo (g,h,i) perylene	100,000	816	IND-372	ND-343
Benzo (k) fluoranthene	500	ND-305	IND-372	ND-343
Chrysene	1,000	341	IND-372	ND-343
Dibenz (a,h) anthracene	350	IND-305	IND-372	ND-343
Fluoranthene	100,000	467	IND-372	ND-343
Fluorene	50,000	ND-305	IND-372	ND-343
Indeno (1,2,3-cd) pyrene	500	570	IND-372	ND-343
Naphthalene	12,000	ND-305	IND-372	ND-343
Phenanthrene	100,000	ND-305	IND-372	ND-343
Pyrene	100,000	424	IND-372	ND-343
Total SVOCs	N/A	4,304	10	0

Notes:
 All concentrations are in ug/kg;
 1 - Standards are toxic as according to NYSDDEC Part 375, Unrestricted Use (Soil Cleanup Objective);
 ND = Not detected, detection limit listed;
 MDL = Method Detection Limit;
 Boldface type designates those compounds detected at concentrations exceeding NYSDDEC Unrestricted Use Limit;
 E = Exceeded calibration range of instrument.

Table 5. 8 RCRA Metals in Geoprobe™ Soil Samples; USEPA Method 6010 and 7471; collected August 14 and 15, 2007; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File # RPO60080

Chemical Constituent	NYSDEC Limit ¹	GB-1 (8'-8')	GB-2 (8'-8')	GB-3 (8'-9')	GB-4 (8'-9')	GB-5 (8'-9')	GB-6 (8'-10')	GB-7 (8'-8')	GB-8 (8'-8')
Arsenic	13	5.91	6.74	5.02	6.01	6.06	4.25	5.61	5.90
Barium	350	36.3	59.3	44.3	19.7	74.1	48.4	59.0	70.1
Cadmium	2.5	ND < 0.469	ND < 0.395	ND < 0.485	ND < 0.544	ND < 0.660	ND < 0.623	ND < 0.633	ND < 0.547
Chromium	30	16.7	20.3	17.9	17.3	16.4	11.7	18.5	22.1
Lead	63	5.36	22.6	8.24	7.05	26.0	6.99	6.30	7.53
Mercury	0.18	0.0095	0.0889	0.0217	0.0197	0.0198	0.0268	0.0274	0.0418
Selenium	3.9	1.89	ND < 0.395	ND < 0.485	ND < 0.544	ND < 0.660	ND < 0.623	ND < 0.633	ND < 0.547
Silver	2	ND < 0.998	ND < 0.791	ND < 0.968	ND < 1.09	ND < 1.32	ND < 1.24	ND < 1.27	ND < 1.10

Notes:
 1 - Standards are for soils according to NYSDEC Part 375, Unrestricted Use Soil Cleanup Objectives; All concentrations are in mg/kg unless otherwise indicated;
 B = Method blank contained trace levels of analyte;
 ND = No standard established;
 D = Duplicate results outside QC limits. May indicate a non-homogeneous matrix.
 M = Matrix spike recoveries outside QC limits. Matrix bias indicated.



Table 5 cont'd 8 RCRA Metals in Geoprobe™ Soil Samples; USEPA Method 6010 and 7471; collected August 14 and 15, 2007; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File # RP060080

Chemical Constituent	NYSDEC Limit ¹	GB-9 (7'-8')	GB-10 (8'-9')	GB-11 (9'-8')	GB-12 (8'-8')	GB-13 (2'-4')	GB-14 (8'-10')	GB-15 (6'-8')	GB-16 (7'-8')
Arsenic	13	3.35	3.85	3.66	2.89	5.83	3.81	5.20	9.43
Barium	350	26.7	49.3	44.1	37.1	84.4	61.1	48.9	329
Cadmium	2.5	ND < 0.387	ND < 0.682	ND < 0.491	ND < 0.520	0.777	ND < 0.369	ND < 0.627	3.34
Chromium	30	10.5	14.4	14.2	12.9	19.8	15.3	15.5	19.3
Lead	63	2.10	6.34	27.8	5.18	404	27.6	13.3	1670
Mercury	0.18	0.0082	0.0173	0.1086	0.0119	0.4305	0.0210	0.0447	0.2062
Selenium	3.9	ND < 0.400	ND < 0.682	ND < 0.491	ND < 0.520	1.56	ND < 0.369	ND < 0.627	ND < 0.572
Silver	2	ND < 0.801	ND < 1.35	ND < 0.882	ND < 1.04	ND < 1.06	ND < 0.739	ND < 1.25	ND < 1.14

Notes:
 1 - Standards are for soils according to NYSDEC Part 375, Unrestricted Use Soil Cleanup Objectives; All concentrations are in mg/kg unless otherwise indicated;
 B = Matrix spike recoveries outside QC limits. Matrix bias indicated.
 D = Duplicate results outside QC limits. May indicate a non-homogeneous matrix.
 M = Matrix spike recoveries outside QC limits. Matrix bias indicated.
 NE = No standard established.
 ND = Method blank contained trace levels of analyte;
 NYSDEC Unrestricted Use Limit.

Table 5 cont'd 8 RCRA Metals in Geoprobe™ Soil Samples; USEPA Method 6010 and 7471; collected August 14 and 15, 2007; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File # RP060080

Chemical Constituent	NYSDEC Limit ¹	GB-17 (6'-8')	GB-18 (6'-8')	GB-19 (5'-10')	GB-20 (6'-8')	GB-21 (7'-8')	GB-22 (8'-10')	GB-23 (2'-4')	GB-24 (10'-12')
Arsenic	18	4.26	6.15	3.31	3.99	2.89	3.45	3.43	4.14 D
Barium	350	35.4	104	25.8	49.6	33.5	47.3	36.0	39.6 D,M
Cadmium	2.5	ND < 0.542	ND < 0.802	ND < 0.323	ND < 0.445	ND < 0.552	ND < 0.428	ND < 0.514	ND < 0.465
Chromium	30	16.1	23.0	6.59	14.0	10.8	16.1	8.91	13.8 D
Lead	63	6.57	8.14	18.4	15.4	2.37	7.19	3.45	5.25 D
Mercury	0.18	0.0354	0.0739	0.0276	0.0322 D,M	ND < 0.0102	0.0168	ND < 0.0089	0.0078
Selenium	3.9	ND < 0.542	ND < 0.802	ND < 0.323	ND < 0.445	1.87	ND < 0.428	ND < 0.514	ND < 0.465
Silver	2	ND < 1.08	ND < 1.60	ND < 0.644	ND < 0.892	ND < 1.10	ND < 0.852	ND < 1.03	ND < 0.690

Notes:

- 1 - Standards are for soils according to NYSDEC Part 375, Unsanitized Use Soil Cleanup Objectives;
- All concentrations are in mg/kg unless otherwise indicated;
- Soilface type designates those compounds detected at concentrations exceeding NYSDEC Unsanitized Use Limit;
- B = Method blank contained trace levels of analyte;
- NE = No standard established;
- D = Duplicate results outside QC limits. May indicate a non-homogeneous matrix.
- M = Matrix spike recoveries outside QC limits. Matrix bias indicated.



Table 6. 8 RCRA Metals In Side Hammer Soil Samples; USEPA Method 8010 and 7471; collected September 24, 2007; Former Filey's Garages, 33 East Main Street, Pawling, New York; Conrad Geoscience File # RP060090

Chemical Constituent	NYSDEC Limit ¹	GBSH-1 (2,5-9)	GBSH-2 (0-3)	GBSH-3 (0-3)	Laboratory Method Blank
Arsenic	13	5.02	3.71	3.86 D	ND<0.500
Barium	350	63.4	57.7	38.2	ND<2.00
Cadmium	2.5	1.50	ND<0.378	0.444	ND<0.500
Chromium	30	10.3	11.7	11.8 D	ND<1.00
Lead	63	322	34.3	18.8 D	ND<0.500
Mercury	0.16	0.3737	0.1083	0.0205	ND<0.0080
Selenium	3.9	1.80 B	ND<0.378	ND<0.444	0.637
Silver	2	ND<0.851	ND<7.56	ND<0.889	ND<1.00

Notes:
 1 - Standards are for soils according to NYSDEC Part 375, Unrestricted Use Self Cleanup Objectives. All concentrations are in mg/kg unless otherwise indicated.
 B = Matrix spike recoveries outside QC limits. May indicate a non-homogeneous matrix.
 D = Duplicate results outside QC limits. Matrix bias indicated.
 M = Method blank contained trace levels of analyte.
 NE = No standard attached.



Table 7.

Volatile Organic Compounds (VOCs) in Groundwater Samples; USEPA Method 8260; collected August 15, 2007; Former Riley's Garage, 33 East Main Street, Pawling, New York;
Conrad Geoscience File #RP060080

Constituent	NYSDEC Limit ¹	Sample Identification				
		GW-1	GW-2	GW-3	GW-4	GW-5
Bromodichloromethane	50	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Bromomethane	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Bromoform	50	ND<5.00	ND<5.00	ND<5.00	ND<5.00	ND<5.00
Carbon tetrachloride	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Chloroethane	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Chloromethane	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
2-Chloroethyl vinyl ether	50	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0
Chloroform	7	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Dibromochloromethane	50	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
1,1-Dichloroethane	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
1,2-Dichloroethane	0.6	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
1,1-Dichloroethene	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
cis-1, 2-Dichloroethene	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
trans-1,2-Dichloroethane	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
1,2-Dichloropropane	1	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
cis-1,3-Dichloropropene	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
trans-1,3-Dichloropropene	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Methylene chloride	5	ND<5.00	ND<5.00	ND<5.00	ND<5.00	ND<5.00
1,1,2,2-Tetrachloroethane	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Tetrachloroethene	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
1,1,1-Trichloroethane	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
1,1,2-Trichloroethane	1	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Trichloroethene	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Trichlorofluoromethane	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Vinyl Chloride	2	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00

Notes:

1 - Standards are for Class GA groundwater according to 6NYCRR Part 700-705.

All concentrations are in µg/L, unless otherwise indicated.

ND=Not detected, detection limit listed.

Boldface type designates those compounds detected at concentrations exceeding NYSDEC standard.

E = Exceeded calibration range of instrumentation.



Table 7 (cont.) Volatile Organic Compounds (VOCs) in Groundwater Samples; USEPA Method 8260; collected August 15, 2007; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File #RP060080

Constituent	NYSDEC Limit ¹	Sample identification				
		GW-1	GW-2	GW-3	GW-4	GW-5
Benzene	0.7	ND<0.700	ND<0.700	ND<0.700	ND<0.700	ND<0.700
Chlorobenzene	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Ethylbenzene	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Toluene	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
m/p-Xylene	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
o-Xylene	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Styrene	5	ND<5.00	ND<5.00	ND<5.00	ND<5.00	ND<5.00
1,2-Dichlorobenzene	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
1,3-Dichlorobenzene	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
1,4-Dichlorobenzene	5	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Acetone	50	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0
2-Butanone	50	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0
2-Hexanone	50	ND<5.00	ND<5.00	ND<5.00	ND<5.00	ND<5.00
4-Methyl-2-pentanone	50	ND<5.00	ND<5.00	ND<5.00	ND<5.00	ND<5.00
Carbon disulfide	50	ND<5.00	ND<5.00	ND<5.00	ND<5.00	ND<5.00
Vinyl acetate	50	ND<5.00	ND<5.00	ND<5.00	ND<5.00	ND<5.00

Notes:

- 1 - Standards are for Class GA groundwater according to 6NYCRR Part 700-706.
- All concentrations are in ug/L, unless otherwise indicated.
- ND=Not detected, detection limit listed.
- Boldface type designates those compounds detected at concentrations exceeding NYSDEC standard.
- E = Exceeded calibration range of instrumentation.



Table 7 (cont.) Volatile Organic Compounds (VOCs) in Groundwater Samples; USEPA Method 8260; collected August 15, 2007; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File #RP060080

Constituent	NYSDEC Limit ¹	Sample Identification					
		GW-6	GW-7	GW-8	GW-9	GW-10	TB-1
Bromodichloromethane	50	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
Bromomethane	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
Bromofom	50	ND<50.0	ND<5.00	ND<5.00	ND<50.0	ND<50.0	ND<5.00
Carbon tetrachloride	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
Chloroethane	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
Chloromethane	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
2-Chloroethyl vinyl ether	50	ND<100	ND<10.0	ND<10.0	ND<100	ND<100	ND<10.0
Chloroform	7	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
Dibromochloromethane	50	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
1,1-Dichloroethane	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
1,2-Dichloroethane	0.6	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
1,1-Dichloroethene	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
cis-1, 2-Dichloroethene	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
trans-1,2-Dichloroethene	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
1,2-Dichloropropane	1	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
cis-1,3-Dichloropropene	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
trans-1,3-Dichloropropene	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
Methylene chloride	5	ND<50.0	ND<5.00	ND<5.00	ND<50.0	ND<50.0	ND<5.00
1,1,2,2-Tetrachloroethane	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
Tetrachloroethene	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
1,1,1-Trichloroethane	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
1,1,2-Trichloroethane	1	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
Trichloroethene	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
Trichlorofluoromethane	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
Vinyl Chloride	2	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00

Notes:
1 - Standards are for Class GA groundwater according to 6NYCRR Part 700-706.
All concentrations are in ug/L, unless otherwise indicated.
ND=Not detected, detection limit listed.
Boldface type designates those compounds detected at concentrations exceeding NYSDEC standard.
E = Exceeded calibration range of instrumentation.



Table 7 (cont.) Volatile Organic Compounds (VOCs) in Groundwater Samples; USEPA Method 8260; collected August 15, 2007; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File #RP080080

Constituent	NYSDEC Limit	Sample Identification					
		GW-6	GW-7	GW-8	GW-9	GW-10	TB-1
Benzene	0.7	ND<7.00	<u>1.58</u>	ND<0.700	<u>7.65</u>	ND<7.00	ND<0.700
Chlorobenzene	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
Ethylbenzene	5	<u>113</u>	ND<2.00	ND<2.00	<u>808</u>	<u>682</u>	ND<2.00
Toluene	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
m/p-Xylene	5	ND<20.0	ND<2.00	ND<2.00	<u>2,800</u>	<u>1,830</u>	ND<2.00
o-Xylene	5	ND<20.0	ND<2.00	ND<2.00	<u>38.4</u>	<u>179</u>	ND<2.00
Styrene	5	ND<50.0	ND<5.00	ND<5.00	ND<50.0	ND<50.0	ND<5.00
1,2-Dichlorobenzene	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
1,3-Dichlorobenzene	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
1,4-Dichlorobenzene	5	ND<20.0	ND<2.00	ND<2.00	ND<20.0	ND<20.0	ND<2.00
Acetone	50	ND<100	ND<10.0	ND<10.0	ND<100	ND<100	ND<10.0
2-Butanone	50	ND<100	ND<10.0	ND<10.0	ND<100	ND<100	ND<10.0
2-Hexanone	50	ND<50.0	ND<5.00	ND<5.00	ND<50.0	ND<50.0	ND<5.00
4-Methyl-2-pentanone	50	ND<50.0	ND<5.00	ND<5.00	ND<50.0	ND<50.0	ND<5.00
Carbon disulfide	50	ND<50.0	ND<5.00	ND<5.00	ND<50.0	ND<50.0	ND<5.00
Vinyl acetate	50	ND<50.0	ND<5.00	ND<5.00	ND<50.0	ND<50.0	ND<5.00

Notes:
 1 - Standards are for Class GA groundwater according to 6NYCRR Part 700-705.
 All concentrations are in ug/L unless otherwise indicated.
 ND=Not detected, detection limit listed.
 Boldface type designates those compounds detected at concentrations exceeding NYSDEC standard.
 E = Exceeded calibration range of instrumentation.



**Table 6: Semi-Volatile Organic Compounds (SVOCs) in Groundwater Samples; USEPA Method 8270 (STARS); collected August 15, 2007;
Former Riley's Garage, 33 East Main Street, Pawling, New York;
Conrad Geoscience File #RIP060080**

Chemical Constituent	NYSDEC Limit ¹	Sample Identification																																				
		GW-1	GW-2	GW-3	GW-4	GW-5	GW-6	GW-7	GW-8	GW-9	GW-10																											
Acenaphthene	20	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0																		
Acenaphthylene	NE	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0																	
Anthracene	50	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0																
Benzo (a) anthracene	0.002	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0															
Benzo (a) pyrene	0.002	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0														
Benzo (b) fluoranthene	0.002	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0													
Benzo (g,h,i) perylene	0.002	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0												
Benzo (k) fluoranthene	0.002	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0												
Chrysene	0.002	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0											
Dibenz (a,h) anthracene	50	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0										
Fluoranthene	50	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0									
Fluorene	50	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0								
Indeno (1,2,3-cd)pyrene	0.002	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0							
Naphthalene	10	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0						
Phenanthrene	50	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0					
Pyrene	50	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<10.0				
Total SVOCs	NE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:
 All concentrations are in ug/L.
 1 - Standards are for groundwater according to 6 NYCRR Part 700-706; Class GA Groundwater;
 ND = Not detected, detection limit listed;
 NE = Not established;
 Boldface type designates those compounds detected at concentrations exceeding NYSDEC limit.

Table 9.

6 RCRA Metals in Groundwater Samples; USEPA Method SW846 6010; collected August 15, 2007;
 Former Riley's Garage, 33 East Main Street, Pawling, New York;
 Conrad Geoscience File # RP060080

Constituent	NYSDEC Limit ¹	Sample Number									
		GW-1	GW-2	GW-3	GW-4	GW-5	GW-6	GW-7	GW-8	GW-9	GW-10
Arsenic	0.025	<0.005	0.008	<0.005	0.013	0.007	<0.005	0.026	0.025	<0.005	0.018
Barium	1.000	0.182	0.806	0.537	0.175	0.163	2.61	3.41	0.325	0.583	
Cadmium	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005
Chromium	0.050	<0.010	<0.010	0.012	<0.010	<0.010	0.087	0.097	0.124	<0.010	0.047
Lead	0.025	0.075	0.093	0.068	0.134	0.288	0.172	0.085	0.080	0.836	
Mercury	0.0007	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Selenium	0.010	0.007	0.008	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	<0.005	<0.005
Silver	0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

Notes:
 1 - Standards are for Class GA groundwater according to 6NYCRR Part 700.705;
 All concentrations are in ppm (mg/L) unless otherwise indicated;
 ND=Not detected, detection limit listed;
 Boldface type designates those compounds detected at concentrations exceeding NYSDEC standard;
 E = Exceeded calibration range of instrumentation



Table 10.

Volatile Organic Compounds (VOCs) in Surface Soil Boring Samples; USEPA Method 8021 (STARS); collected January 15, 2008; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File #RP060080

Constituent	NYSDEC Limit ¹	Sample Identification					
		SS-1	SS-2	SS-3	SS-4	SS-5	SS-6
Benzene	60	ND<11.3	ND<12.4	ND<11.2	ND<10.6	ND<9.96	ND<8.45
n-Butylbenzene	12,000	ND<56.4	ND<62.1	ND<56.9	ND<53.1	ND<49.8	ND<42.3
sec-Butylbenzene	11,000	ND<11.3	ND<12.4	ND<11.2	ND<10.6	ND<9.96	ND<8.45
tert-Butylbenzene	5,900	ND<28.2	ND<31.1	ND<27.9	ND<26.5	ND<24.9	ND<21.1
Ethylbenzene	1,000	ND<11.3	ND<12.4	ND<11.2	ND<10.6	ND<9.96	ND<8.45
n-Propylbenzene	3,900	ND<11.3	ND<12.4	ND<11.2	ND<10.6	ND<9.96	ND<8.45
Isopropylbenzene	NE	ND<56.4	ND<62.1	ND<56.9	ND<53.1	ND<49.8	ND<42.3
p-Isopropyltoluene	NE	ND<56.4	ND<62.1	ND<55.9	ND<53.1	ND<49.8	ND<42.3
Naphthalene	NE	ND<28.2	ND<31.1	ND<27.9	ND<26.5	ND<24.9	ND<21.1
Toluene	700	ND<11.3	ND<12.4	ND<11.2	ND<10.6	ND<9.96	ND<8.45
1,2,4-Trimethylbenzene	3,600	ND<11.3	ND<12.4	ND<11.2	ND<10.6	ND<9.96	ND<8.45
1,3,5-Trimethylbenzene	8,400	ND<11.3	ND<12.4	ND<11.2	ND<10.6	ND<9.96	ND<8.45
m,p-Xylene	260	ND<11.3	ND<12.4	ND<11.2	ND<10.6	ND<9.96	ND<8.45
o-Xylene	260	ND<11.3	ND<12.4	ND<11.2	ND<10.6	ND<9.96	ND<8.45
Methyl tert-butyl Ether	930	ND<11.3	ND<12.4	ND<11.2	ND<10.6	ND<9.96	ND<8.45
Total VOCs	NE	ND	ND	ND	ND	ND	ND

Notes: All concentrations are in ug/kg;
 1 - Standards are for soils according to NYSDEC 6NYCRR Part 375, *Unrestricted Use Soil Cleanup Objectives*, unless otherwise indicated;
 ND = Not detected, detection limit listed;
Boldface type designates those compounds detected at concentrations exceeding *Unrestricted Use Soil Cleanup Objectives*;
 E = Result has been estimated, calibration limit exceeded;
 NE = Not Established for this compound.



Table 11.

Semi-Volatile Organic Compounds (SVOCs) in Surface Soil Samples; USEPA Method 8270 (STARS); collected January 15, 2008; Former Riley's Garage, 33 East Main Street, Pawling, New York;
Conrad Geoscience File # RP060080

Constituent	NYSDEC Limit ¹	Sample Identification					
		SS-1	SS-2	SS-3	SS-4	SS-5	SS-6
Acenaphthene	20,000	ND<849	ND<415	ND<379	ND<391	650	ND<343
Acenaphthylene	100,000	ND<849	ND<415	ND<379	ND<391	ND<358	ND<343
Anthracene	100,000	ND<849	ND<415	ND<379	ND<391	1,400	ND<343
Benzo (a) anthracene	1,000	ND<849	507	846	660	1,970	ND<343
Benzo (a) pyrene	1,000	ND<849	602	768	695	1,530	ND<343
Benzo (b) fluoranthene	1,000	ND<849	778	884	492	1,550	369
Benzo (g,h,i) perylene	100,000	ND<849	584	560	ND<391	814	ND<343
Benzo (k) fluoranthene	800	ND<849	421	596	617	1,120	ND<343
Chrysene	1,000	ND<849	587	869	669	1,770	ND<343
Dibenz (a,h) anthracene	330	ND<849	ND<415	ND<379	ND<391	ND<358	ND<343
Fluoranthene	100,000	1,020	960	1,700	1,440	5,340	610
Fluorene	30,000	ND<849	ND<415	ND<379	ND<391	680	ND<343
Indeno (1,2,3-cd) pyrene	500	ND<849	ND<415	526	ND<391	770	ND<343
Naphthalene	12,000	ND<849	ND<415	ND<379	ND<391	ND<358	ND<343
Phenanthrene	100,000	ND<849	ND<415	658	684	5,070	ND<343
Pyrene	100,000	877	744	1,140	1,180	3,620	424
Total SVOCs	N/A	1,897	5,163	8,525	8,437	26,564	1,403

Notes:

All concentrations are in ug/kg;

1 - Standards are for soils according to NYSDEC Part 375, *Unrestricted Use Soil Cleanup Objectives*;

ND = Not detected, detection limit listed;

Boldface type designates those compounds detected at concentrations exceeding NYSDEC Unrestricted Use Limit.



Table 12. **8 RCRA Metals in Surface Soil Samples; USEPA Method 6010 and 7471; collected January 15, 2008; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File # RP060080**

Chemical Constituent	NYSDEC Limit ¹	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6
Arsenic	13	7.17	5.84	3.80	5.08	3.14	3.40
Barium	350	182	113	33.6	53.0	41.5	34.9
Cadmium	2.5	16.1	2.35	0.507	ND<0.384	ND<0.567	0.624
Chromium	30	31.6	25.6	14.2	17.5	16.8	19.4
Lead	63	2,080	654	58.9	68.6	79.2	137
Mercury	0.18	0.2110	0.1596	0.0250	0.4616	0.0593	0.0379 D
Selenium	3.0	1.53	1.36	0.984	1.16	1.93	2.35
Silver	2	ND<0.968	ND<1.13	ND<0.672	ND<0.767	ND<1.11	ND<1.05

Notes:
 1 - Standards are for soils according NYSDEC Part 375, *Unrestricted Use Soil Cleanup Objectives*;
 All concentrations are in mg/kg unless otherwise indicated;
 Boldface type designates those compounds detected at concentrations exceeding NYSDEC Unrestricted Use Limit.
 NE = No standard established;
 D = Duplicate results outside QC limits. May indicate a non-homogenous matrix.



Table 13.

Volatile Organic Compounds (VOCs) Post-Excavation Soil Boring Samples; USEPA Method 8021 (STARS); collected April 17 - May 14, 2008; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File #RP080080

Constituent	NYSDEC Limit ¹	NYSDEC Limit ²	Sample Identification					
			PE-1	PE-2	PE-3	PE-4	PE-5	PE-6
Benzene	60	4,600	ND<8.12	ND<8.89	ND<8.53	ND<10.4	ND<8.05	ND<1,370
n-Butylbenzene	12,000	100,000	ND<40.6	ND<44.4	ND<42.7	ND<51.6	ND<45.2	ND<6,830
sec-Butylbenzene	11,000	100,000	ND<8.12	ND<8.89	ND<8.53	ND<10.4	ND<8.06	4,430
tert-Butylbenzene	5,900	100,000	ND<20.3	ND<22.2	ND<21.3	ND<25.9	ND<22.6	ND<3,420
Ethylbenzene	1,000	41,000	ND<8.12	ND<8.89	ND<8.53	ND<10.4	ND<8.05	6,220
n-Propylbenzene	3,900	100,000	ND<8.12	ND<8.89	ND<8.53	ND<10.4	ND<8.05	21,100
Isopropylbenzene	NE	NE	ND<40.6	ND<44.4	ND<42.7	ND<51.6	ND<45.2	ND<6,830
p-Isopropyltoluene	NE	NE	ND<40.6	ND<44.4	ND<42.7	ND<51.6	ND<45.2	ND<6,830
Naphthalene	NE	NE	ND<20.3	ND<22.2	ND<21.3	ND<26.9	ND<22.6	17,900
Toluene	700	100,000	ND<8.12	ND<8.89	ND<8.53	ND<10.4	ND<8.05	ND<1,370
1,2,4-Trimethylbenzene	3,600	52,000	ND<8.12	ND<8.89	ND<8.53	ND<10.4	ND<8.06	169,000
1,3,5-Trimethylbenzene	8,400	52,000	ND<8.12	ND<8.89	ND<8.53	ND<10.4	ND<8.05	69,400
m,p-Xylene	260	100,000	ND<8.12	ND<8.89	ND<8.53	ND<10.4	ND<8.05	37,000
o-Xylene	260	100,000	ND<8.12	ND<8.89	ND<8.53	ND<10.4	ND<8.05	ND<1,370
Methyl tert-butyl Ether	930	100,000	ND<8.12	ND<8.89	ND<8.53	ND<10.4	ND<8.05	ND<1,370
Total VOCs	NE	NE	ND	ND	ND	ND	ND	325,050

Notes: All concentrations are in ug/kg;
 1 - Standards are for soils according to NYSDEC 6NYCRR Part 375, Unrestricted Use Soil Cleanup Objectives, unless otherwise indicated;
 2 - Standards are for soils according to NYSDEC 6NYCRR Part 375, Restricted-Residential Use Soil Cleanup Objectives, unless otherwise indicated;
 ND = Not detected, detection limit listed;
 Boldface type designates those compounds detected at concentrations exceeding Unrestricted Use Soil Cleanup Objectives;
 Boldface italic type designates those compounds detected at concentrations exceeding Restricted-Residential Use Soil Cleanup Objectives;
 E = Result has been estimated, calibration limit exceeded;
 NE = Not Established for this compound;
 M = Matrix spike recoveries outside QC limits. Matrix bias indicated.

Table 13 cont'd.

Volatile Organic Compounds (VOCs) Post-Excavation Soil Boring Samples; USEPA Method 8021 (STARS); collected April 17 - May 14, 2008; Former Riley's Garage, 33 East Main Street, Pawling, New York
 Conrad Geoscience File #RP080080

Constituent	NYSDEC Limit	NYSDEC Limit	Sample Identification					
			PE-7	PE-8	PE-10	PE-11	PE-12	PE-13
Benzene	60	4,900	ND<52.0	ND<40.4	ND<4,290	ND<32.7 M	ND<76.5	ND<17.2
n-Butylbenzene	12,000	100,000	ND<260	ND<202	ND<21,500	ND<164	ND<382	ND<86.1
sec-Butylbenzene	11,000	100,000	497	181	ND<4,290	537	ND<76.5	ND<17.2
tert-Butylbenzene	5,900	100,000	ND<130	ND<101	ND<10,700	ND<81.9	ND<191	ND<43.0
Ethylbenzene	1,000	41,000	2,080	ND<40.4	34,100	ND<32.7 M	156	ND<17.2
n-Propylbenzene	3,900	100,000	1,560	469	18,400	622	ND<76.5	ND<17.2
Isopropylbenzene	NE	NE	985	ND<202	ND<21,500	391	ND<382	ND<86.1
p-Isopropyltoluene	NE	NE	1,080	354	ND<21,500	1,300	ND<382	ND<86.1
Naphthalene	NE	NE	2,750	308	ND<10,700	547	319	ND<43.0
Toluene	700	100,000	ND<52.0	ND<40.4	ND<4,290	ND<32.7	171	ND<17.2
1,2,4-Trimethylbenzene	3,600	52,000	2,170	2,610	66,400	4,370 E	750	61.9
1,3,5-Trimethylbenzene	8,400	52,000	3,330	974	26,700	1,810	828	85.6
m,p-Xylene	260	100,000	1,140	279	37,500	365	782	82.5
o-Xylene	260	100,000	108	ND<40.4	ND<4,290	ND<32.7	503	42.2
Methyl tert-butyl Ether	930	100,000	ND<52.0	ND<40.4	ND<4,290	ND<32.7	ND<76.5	ND<17.2
Total VOCs	NE	NE	15,710	4,976	213,100	9,942	3,287	272.2

Notes: All concentrations are in µg/kg;
 1 - Standards are for soils according to NYSDEC 6NYCRR Part 376, Unrestricted Use Soil Cleanup Objectives, unless otherwise indicated;
 2 - Standards are for soils according to NYSDEC 6NYCRR Part 375, Restricted-Residential Use Soil Cleanup Objectives, unless otherwise indicated;
 ND = Not detected, detection limit listed;
 Boldface type designates those compounds detected at concentrations exceeding Unrestricted Use Soil Cleanup Objectives;
 Boldface italic type designates those compounds detected at concentrations exceeding Restricted-Residential Use Soil Cleanup Objectives;
 E = Result has been estimated, calibration limit exceeded;
 NE = Not Established for this compound;
 M = Matrix spike recoveries outside QC limits. Matrix bias indicated.



Volatile Organic Compounds (VOCs) in Post-Excavation Soil Boring Samples; USEPA Method 8021 (STARS); collected April 17 - May 14, 2008; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File #RP060080

Constituent	NYSDEC Limit	NYSDEC Limit	Sample Identification		
			PE-14	PE-16	PE-17
Benzene	60	4,800	ND-9.65	ND-9.33	ND-7.16
n-Butylbenzene	12,000	100,000	ND-46.2	ND-47.9	ND-36.8
sec-Butylbenzene	11,000	100,000	ND-9.65	ND-9.33	ND-7.16
tert-Butylbenzene	5,900	100,000	ND-24.1	ND-23.3	ND-17.9
Ethylbenzene	1,000	41,000	ND-9.65	ND-9.33	ND-7.16
n-Propylbenzene	3,900	100,000	ND-9.65	ND-9.33	ND-7.16
Isopropylbenzene	NE	NE	ND-46.2	ND-46.7	ND-36.8
p-Isopropyltoluene	NE	NE	ND-46.2	ND-46.7	ND-36.8
Naphthalene	NE	NE	ND-24.1	ND-23.3	ND-17.9
Toluene	700	100,000	ND-9.65	ND-9.33	ND-7.16
1,2,4-Trimethylbenzene	3,600	52,000	15.4	ND-9.33	30.7
1,3,5-Trimethylbenzene	8,400	52,000	11.4	ND-9.33	78.4
m,p-Xylene	260	100,000	15.7	ND-9.33	41.2
o-Xylene	260	100,000	ND-9.65	ND-9.33	19.5
Methyl tert-butyl Ether	930	100,000	ND-9.65	ND-9.33	ND-7.16
Total VOCs	NE	NE	42.5	ND	169.8

Notes: All concentrations are in ug/kg;
 1 - Standards are for soils according to NYSDEC 61NYCRR Part 375, Unrestricted Use Soil Cleanup Objectives, unless otherwise indicated;
 2 - Standards are for soils according to NYSDEC 61NYCRR Part 376, Restricted-Residential Use Soil Cleanup Objectives, unless otherwise indicated;
 ND = Not detected, detection limit listed;
 Boldface type designates those compounds detected at concentrations exceeding Unrestricted Use Soil Cleanup Objectives;
 Boldface italic type designates those compounds detected at concentrations exceeding Restricted-Residential Use Soil Cleanup Objectives;
 E = Result has been estimated, calibration limit exceeded;
 NE = Not Established for this compound;
 M = Matrix spike recoveries outside QC limits. Matrix bias indicated.



Table 13 cont'd.

Volatile Organic Compounds (VOCs) in Post-Excavation Soil Boring Samples; USEPA Method 8021 (STARS); collected April 17 - May 14, 2008; Former Filley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File #RP080080

Constituent	NYSDEC Limit ¹	NYSDEC Limit ²	Sample Identification				
			PE-18	PE-19	PE-20	PE-21	PE-22
Benzene	60	4,800	ND<69.5	ND<11.6	ND<12.9	ND<14,600	ND<11.5
n-Butylbenzene	12,000	100,000	ND<348	ND<68.1	ND<64.4	ND<73,000	ND<67.4
sec-Butylbenzene	11,000	100,000	ND<68.5	ND<11.6	ND<12.9	ND<14,600	21.4
tert-Butylbenzene	5,900	100,000	ND<174	ND<28.0	ND<32.2	ND<36,500	ND<28.7
Ethylbenzene	1,000	41,000	ND<68.5	ND<11.6	34.6	20,200	23.0 M
n-Propylbenzene	3,900	100,000	ND<69.5	ND<11.6	39.6	ND<14,600	41.9
Isopropylbenzene	NE	NE	ND<348	ND<68.1	ND<64.4	ND<73,000	ND<67.4
p-Isopropyltoluene	NE	NE	ND<348	ND<68.1	ND<64.4	ND<73,000	ND<67.4
Naphthalene	NE	NE	ND<174	48.4	73.2	ND<36,500	366
Toluene	700	100,000	ND<69.5	ND<11.6	ND<12.9	ND<14,600	ND<11.5
1,2,4-Trimethylbenzene	3,600	52,000	ND<69.5	ND<11.6	250	53,200	153
1,3,5-Trimethylbenzene	8,400	52,000	ND<69.5	ND<11.6	135	28,500	113
m,p-Xylene	260	100,000	ND<69.5	ND<11.6	360	559,000	167
o-Xylene	260	100,000	ND<69.5	ND<11.6	ND<12.9	ND<14,600	ND<11.5
Methyl tert-butyl Ether	930	100,000	ND<68.5	ND<11.6	ND<12.9	ND<14,600	ND<11.5
Total VOCs	NE	NE	ND	49.4	892.4	701,900	804.3

Notes: All concentrations are in ug/kg.
 1 - Standards are for soils according to NYSDC 6NYCRR Part 375, Unrestricted Use Soil Cleanup Objectives, unless otherwise indicated;
 2 - Standards are for soils according to NYSDC 6NYCRR Part 375, Restricted-Residential Use Soil Cleanup Objectives, unless otherwise indicated;
 ND = Not detected, detection limit listed;
 Boldface type designates those compounds detected at concentrations exceeding Unrestricted Use Soil Cleanup Objectives;
 Boldface italic type designates those compounds detected at concentrations exceeding Restricted-Residential Use Soil Cleanup Objectives;
 E = Result has been estimated, calibration limit exceeded;
 NE = Not Established for this compound;
 M = Matrix spike recoveries outside QC limits. Matrix bias indicated.



Table 14. Semi-Volatile Organic Compounds (SVOCs) in Post-Excavation Soil Samples; USEPA Method 8270 (STARS); collected April 17, 2008 and May 14, 2008; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File # RP-060080

Constituent	NYSDEC Limit ¹	NYSDEC Limit ²	Sample Identification				
			PE-1	PE-2	PE-3	PE-4	PE-5
Acenaphthene	20,000	100,000	ND-333	ND-334	ND-338	ND-318	ND-332
Acenaphthylene	100,000	100,000	ND-333	ND-334	ND-338	ND-318	ND-332
Anthracene	100,000	100,000	ND-333	ND-334	ND-338	ND-318	ND-332
Benzo (a) anthracene	1,000	1,000	ND-333	ND-334	ND-338	ND-318	ND-332
Benzo (a) pyrene	1,000	1,000	ND-333	ND-334	ND-338	ND-318	ND-332
Benzo (b) fluoranthene	1,000	1,000	ND-333	ND-334	ND-338	ND-318	ND-332
Benzo (g,h,i) perylene	100,000	100,000	ND-333	ND-334	ND-338	ND-318	ND-332
Benzo (k) fluoranthene	800	3,900	ND-333	ND-334	ND-338	ND-318	ND-332
Chrysene	1,000	3,900	ND-333	ND-334	ND-338	ND-318	ND-332
Dibenz (a,h) anthracene	330	330	ND-333	ND-334	ND-338	ND-318	ND-332
Fluoranthene	100,000	100,000	ND-333	ND-334	ND-338	ND-318	ND-332
Fluorene	30,000	100,000	ND-333	ND-334	ND-338	ND-318	ND-332
Indeno (1,2,3-cd) pyrene	600	500	ND-333	ND-334	ND-338	ND-318	ND-332
Naphthalene	12,000	100,000	ND-333	ND-334	ND-338	ND-318	ND-332
Phenanthrene	100,000	100,000	ND-333	ND-334	ND-338	ND-318	ND-332
Pyrene	100,000	100,000	ND-333	ND-334	ND-338	ND-318	ND-332
Total SVOCs	NE	NE	ND	ND	ND	ND	ND

Notes: All concentrations are in ug/kg;
 1 - Standards are for soils according to NYSDEC 6NYCRR Part 375, Unrestricted Use Soil Cleanup Objectives, unless otherwise indicated;
 2 - Standards are for soils according to NYSDEC 6NYCRR Part 375, Restricted-Residential Use Soil Cleanup Objectives, unless otherwise indicated;
 ND = Not detected, detection limit listed;
 Boldface type designates those compounds detected at concentrations exceeding Unrestricted Use Soil Cleanup Objectives;
 Boldface italic type designates those compounds detected at concentrations exceeding Restricted-Residential Use Soil Cleanup Objectives;
 E = Result has been estimated, calibration limit exceeded;
 NE = Not Established for this compound.

Table T4 cont'd. Semi-Volatile Organic Compounds (SVOCs) in Post-Excavation Soil Samples; USEPA Method 8270 (STARS); collected April 17, 2008 and May 14, 2008; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File # RP060080

Constituent	NYSDEC Limit ¹	NYSDEC Limit ²	Sample Identification				
			PE-18	PE-19	PE-20	PE-21	PE-22
Acenaphthene	20,000	100,000	ND<412	ND<346	ND<367	ND<692	ND<414
Acenaphthylene	100,000	100,000	ND<412	ND<346	ND<367	ND<692	ND<414
Anthracene	100,000	100,000	ND<412	ND<346	ND<367	772	ND<414
Benzo (a) anthracene	1,000	1,000	ND<412	ND<346	ND<367	2,320	ND<414
Benzo (a) pyrene	1,000	1,000	ND<412	ND<346	ND<367	2,820	ND<414
Benzo (b) fluoranthene	1,000	1,000	ND<412	ND<346	ND<367	2,360	ND<414
Benzo (g,h,i) perylene	100,000	100,000	ND<412	ND<346	ND<367	1,970	ND<414
Benzo (k) fluoranthene	800	3,900	ND<412	ND<346	ND<367	2,200	ND<414
Chrysene	1,000	3,900	ND<412	ND<346	ND<367	3,320	474
Dibenz (a,h) anthracene	330	330	ND<412	ND<346	ND<367	ND<692	ND<414
Fluoranthene	100,000	100,000	ND<412	ND<346	ND<367	6,300	967
Fluorene	30,000	100,000	ND<412	ND<346	ND<367	ND<692	ND<414
Indeno (1,2,3-cd) pyrene	500	500	ND<412	ND<346	ND<367	1,820	ND<414
Naphthalene	12,000	100,000	ND<412	ND<346	ND<367	6,410	ND<414
Phenanthrene	100,000	100,000	ND<412	ND<346	ND<367	1,870	508
Pyrene	100,000	100,000	ND<412	ND<346	ND<367	2,030	579
TOTAL SVOCs	NE	NE	ND	ND	ND	32,692	2,628

Notes: All concentrations are in ug/kg.
 1 - Standards are for soils according to NYSDEC 6NYCRR Part 375. Unrestricted Use Soil Cleanup Objectives, unless otherwise indicated;
 2 - Standards are for soils according to NYSDEC 6NYCRR Part 375. Restricted-Residential Use Soil Cleanup Objectives, unless otherwise indicated;
 ND = Not detected, detection limit listed;
 Boldface type designates those compounds detected at concentrations exceeding Unrestricted Use Soil Cleanup Objectives.
 Boldface italic type designates those compounds detected at concentrations exceeding Restricted-Residential Use Soil Cleanup Objectives.
 E = Result has been estimated, calibration limit exceeded.
 NE = Not Established for this compound.

Table 15.

Semi-Volatile Organic Compounds (SVOCs) in Post-Excavation Surface Soil Samples; USEPA Method 8270 (STARS); collected May 15, 2008; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File # RP060080

Constituent	NYSDEC Limit ¹	NYSDEC Limit ²	Sample Identification				
			SS-1D	SS-2D	SS-3D	SS-4D	SS-5D
Acenaphthene	20,000	100,000	ND<323	ND<337	ND<345	ND<319	ND<328
Acenaphthylene	100,000	100,000	ND<323	ND<337	ND<345	ND<319	ND<328
Anthracene	100,000	100,000	ND<323	ND<337	ND<345	ND<319	ND<328
Benzo (a) anthracene	1,000	1,000	ND<323	ND<337	ND<345	ND<319	ND<328
Benzo (a) pyrene	1,000	1,000	ND<323	ND<337	ND<345	ND<319	ND<328
Benzo (b) fluoranthene	1,000	1,000	ND<323	ND<337	ND<345	ND<319	343
Benzo (g,h,i) perylene	100,000	100,000	ND<323	ND<337	ND<345	ND<319	ND<328
Benzo (k) fluoranthene	800	3,900	ND<323	ND<337	ND<345	ND<319	ND<328
Chrysene	1,000	3,900	ND<323	ND<337	ND<345	ND<319	358
Dibenz (a,h) anthracene	330	330	ND<323	ND<337	ND<345	ND<319	ND<328
Fluoranthene	100,000	100,000	ND<323	379	ND<345	494	586
Fluorene	30,000	100,000	ND<323	ND<337	ND<345	ND<319	ND<328
Indeno (1,2,3-cd) pyrene	500	500	ND<323	ND<337	ND<345	ND<319	ND<328
Naphthalene	12,000	100,000	ND<323	ND<337	ND<345	ND<319	ND<328
Phenanthrene	100,000	100,000	ND<323	ND<337	ND<345	ND<319	358
Pyrene	100,000	100,000	ND<323	346	ND<345	434	580
Total SVOCs	NE	NE	ND	725	ND	928	2,226

Notes: All concentrations are in ug/kg;

1 - Standards are for soils according to NYSDEC 6NYCRR Part 375, *Unrestricted Use Soil Cleanup Objectives*, unless otherwise indicated;

2 - Standards are for soils according to NYSDEC 6NYCRR Part 375, *Restricted-Residential Use Soil Cleanup Objectives*, unless otherwise indicated;

ND = Not detected, detection limit listed;

Boldface type designates those compounds detected at concentrations exceeding *Unrestricted Use Soil Cleanup Objectives*;

Boldface Italic type designates those compounds detected at concentrations exceeding *Restricted-Residential Use Soil Cleanup Objectives*;

E = Result has been estimated, calibration limit exceeded;

NE = Not Established for this compound.



Table 16. 8 RCRA Metals in Post-Excavation Surface Soil Samples; USEPA Method 8010 and 7471; collected May 15, 2008; Former Riley's Garage, 33 East Main Street, Pawling, New York; Conrad Geoscience File # RP060080

Chemical Constituent	NYSDEC Limit ¹	NYSDEC Limit ²	SS-1D	SS-2D	SS-3D	SS-4D	SS-5D
Arsenic	13	18	2.11	4.99	9.14	3.07	5.21
Barium	350	400	87.7	181	78.7	78.4	84.6
Cadmium	2.5	4.3	ND<0.524	2.09	ND<0.602	ND<0.468	1.17
Chromium	30	110-180 ³	13.5	17.9	13.0	15.6	28.7
Lead	63	<u>400</u>	140	<u>410</u>	88.7	168	512
Mercury	0.18	<u>0.81</u>	0.2533	<u>1.23</u>	0.3294	0.2609	0.1654
Selenium	3.9	180	2.12	2.29	3.65	1.57	2.22
Silver	2	180	ND<1.05	3.16	ND<1.20	ND<0.935	ND<0.879

Notes:

All concentrations are in mg/kg;

1 - Standards are for soils according to NYSDEC 6NYCRR Part 375, *Unrestricted Use Soil Cleanup Objectives*, unless otherwise indicated;

2 - Standards are for soils according to NYSDEC 6NYCRR Part 375, *Restricted-Residential Use Soil Cleanup Objectives*, unless otherwise indicated;

3 - Lower value is for hexavalent chromium and higher value is for trivalent chromium;

ND = Not detected, detection limit listed;

Boldface type designates those compounds detected at concentrations exceeding Unrestricted Use Soil Cleanup Objectives;

Boldface Italic type designates those compounds detected at concentrations exceeding Restricted-Residential Use Soil Cleanup Objectives.





DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd Albany, N.Y. 12205
 (518) 869-3651

006054 Manglard Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

02	332528	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/16/08	04/16/08	12:50	13:13	7001	
REFERENCE				ORIGIN	
2831-43					


Scale 1 Gross Wt. 110560 LB
 Scale 2 Tare Wt. 37420 LB
 Net Weight 73140 LB

Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.57	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT.

CHECK # 1396
 LOT # 2831

SIGNATURE 

NET AMOUNT
TENDERED
CHANGE
0.00
CHECK NO.
1396



NON-HAZARDOUS WASTE MANIFEST

1. Generator's Name and Address

2. EPA ID No.

3. Waste Manifest Number
58-VTT-8946

4. Waste Tracking Number

5. Generator's Name and Address
Carter Stone Int Inc
22 E Main St
13756

6. Name of the Facility (if different from the generator's address)

Same

7. Transporter's Company Name
Muller's Trucking

U.S. EPA ID Number
410209

8. Designated Facility Name and Site Address
Absorbent Landfill
Rte 100 Colonie NY

U.S. EPA ID Number

9. Waste Shipping Name and Description

cont soic non haz
petrol

10. Containers		11. Total Quantity	12. Unit Vol./Wt.
No.	Type		
1	OT	37	1

13. Space for Generator's Assignment Information

Lot # 2831

14. GENERATOR'S CERTIFICATION: I certify that the waste described on this manifest complies with the regulations for reporting proper disposal of hazardous waste.

Signature of Generator's Representative
Robert L. Effland

Date
Rte 111 Mar 1

Month Day Year
4 16 08

15. Transporter's Certification: I certify that the waste described on this manifest complies with the regulations for reporting proper disposal of hazardous waste.

Signature of Transporter's Representative
Joseph Miasol

Signature

Month Day Year
4 16 08

17. Discrepancy

17a. Discrepancy Indicate Grade: Other Type Pallets Partial Pallets Full Rejection

17c. Alternate Facility for Disposal: Material Reference Number

U.S. EPA ID Number

17d. Signature of Alternate Facility (if different)

Month Day Year

18. Designated Facility Control Officer Certification: I certify that the waste described on this manifest complies with the regulations for reporting proper disposal of hazardous waste.

Signature

Month Day Year

NON-HAZARDOUS
WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Generator Response Priority

4. Waste Tracking Number

5184778440

5. Generator Name and Mailing Address

COENORSTONE ENT.
EAST MAIN ST.
POWERS NY

Generator Site Address (if different than mailing address)

Generator's Phone

6. Transporter 1 Company Name

NEWBROOK TRUCKING

U.S. EPA ID Number

NR0000057972

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ALBANY RUDOFF
525 RAPP RD
ALBANY NY

U.S. EPA ID Number

Facility's Phone

9. Waste Storage Name and Description

NON HAZARDOUS CONTAMINATED SOIL

10. Containers

No. Type

11. Total Quantity

12. Unit Wt./Vol.

13. Special Handling Instructions and Additional Information

LOT # 2831

14. GENERATOR'S CERTIFICATION: I certify that the manifest describes only the waste which has been received by the facility for reporting proper disposal of hazardous waste.

Signature: Kelly Lippard 4/18/08

Signature

Month Day Year

15. Generator's State

Export to U.S.

Foreign

Other

16. Transporter Signature for Export

17. Transporter Name

ANDY KELL

Signature

Month Day Year

4/18/08

17.1 Disposal

17.2 Recovery/Reduction Cycle

Other

Type

Recycle

Partial Refection

Full Refection

17.3 Alternate Facility for Generator

U.S. EPA ID Number

U.S. EPA ID Number

17.4 Signatory of Alternate Facility for Generator

Month Day Year

18. Designated Facility Owner or Operator Certification: I certify that the manifest describes only the waste which has been received by the facility for reporting proper disposal of hazardous waste.

Signature

Signature: [Handwritten Signature]

Month Day Year



DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 515 Rapp Rd - Albany, N.Y. 12205
 (518) 869-3651

006054 Mangard Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

02	332567	P4	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/17/08	04/17/08	07:04	07:34	7002	
REFERENCE			ORIGIN		
2631-48					

Scale 1 Gross Wt. 103500 LB
 Scale 2 Tare Wt. 38620 LB
 Net Weight 64880 LB

Inbound - Cash ticket

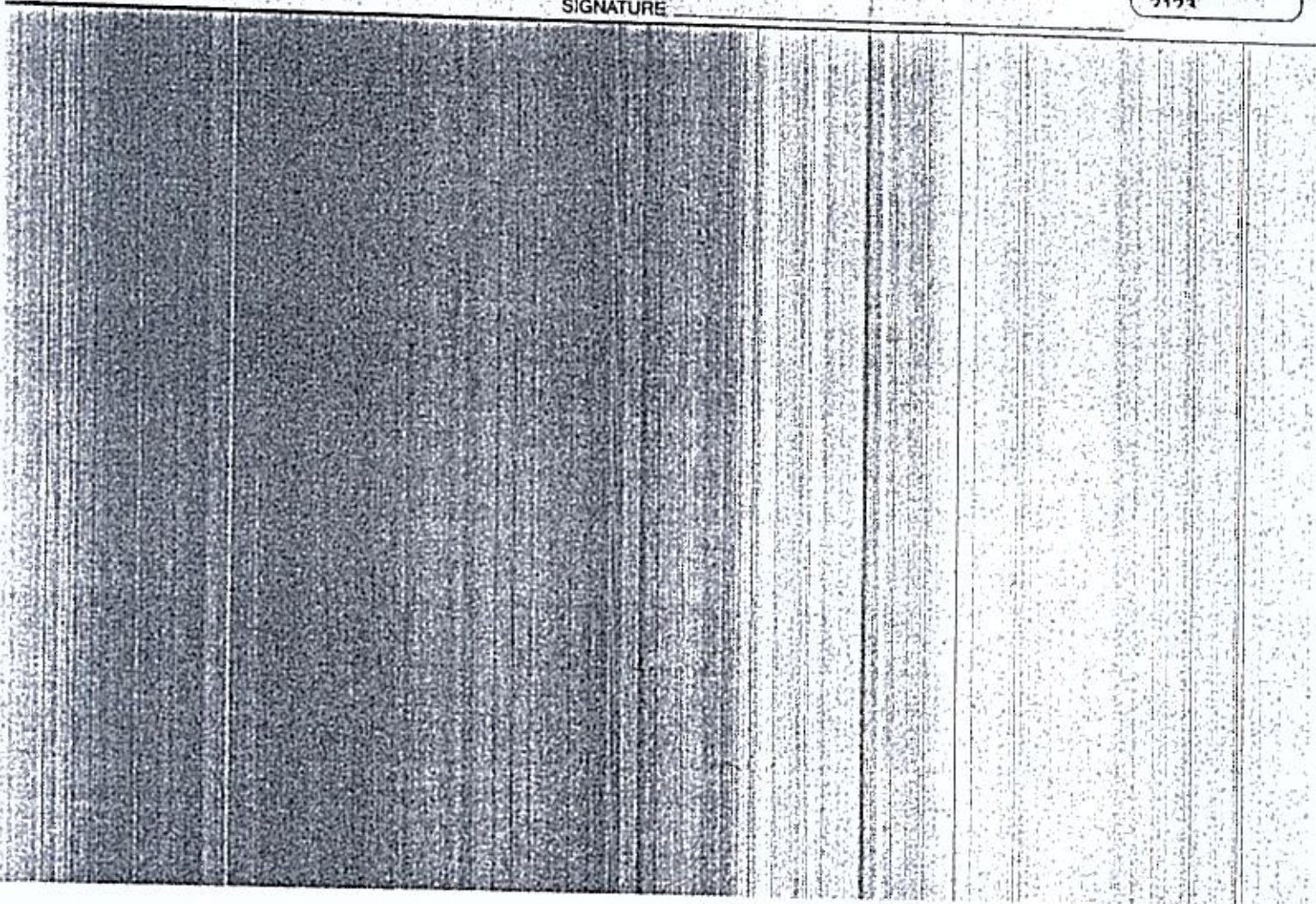
QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.44	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON-ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOT # 2631

SIGNATURE _____

NET AMOUNT
0.00
CHANGE
0.00
CHECK NO.
2123



NON-HAZARDOUS WASTE MANIFEST

1. Generator's Name: *Corner Stone East Inc*
 2. Page 1 of 1
 3. Emergency Response Phone: *707-441-1111*
 4. Waste Tracking Number: *44209*
 5. Generator's Facility and Mailing Address: *27 E. Main St, Keokuk, IA*
 6. Generator's Phone: *319-320-1111*
 7. Transporter's Company Name: *Morgan's Trucking*
 8. Designated Facility Name and Address: *Albany Landfill, Albany, IA*
 9. U.S. EPA ID Number: *44209*
 10. U.S. EPA ID Number: *44209*
 11. U.S. EPA ID Number: *44209*
 12. U.S. EPA ID Number: *44209*

GENERATOR

13. Waste Stream Name (e.g., Solvent)	10. Containers		11. Total	12. Unit
	No.	Type	Quantity	Vol./Wt.
<i>Watermark Seal</i>	<i>1</i>	<i>DT</i>	<i>EST 34 lbs</i>	

14. Special Handling Instructions and Address Information: *LOT # 2831*

14. GENERATOR'S CERTIFICATION

15. I certify that the information on this manifest and all documents subject to federal regulations for reporting special disposal of Hazardous Waste is true and correct.
 Signature: *Kelly Spitzer* Date: *04/15/08*
 16. I certify that the information on this manifest and all documents subject to federal regulations for reporting special disposal of Hazardous Waste is true and correct.
 Signature: *Seth Spitzer* Date: *04/16/08*

TRANSPORTER

17. Date: *04/16/08*

18. Disposal Method: Landfill Incineration Recovery Partial Rejection Full Rejection

DESIGNATED FACILITY

19. Designated Facility Name and Address: *Albany Landfill, Albany, IA*
 U.S. EPA ID Number: *44209*
 20. Date of Receipt: *04/16/08*





DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

02	332672	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	DRIVER
04/17/08	04/17/08	14:23	14:49	7001	
REFERENCE			ORIGIN		
2831-46					

Scale 1 Gross Wt. 114220 LB
 Scale 2 Tare Wt. 34480 LB
 Net Weight 79740 LB

Inbound - Cash ticket

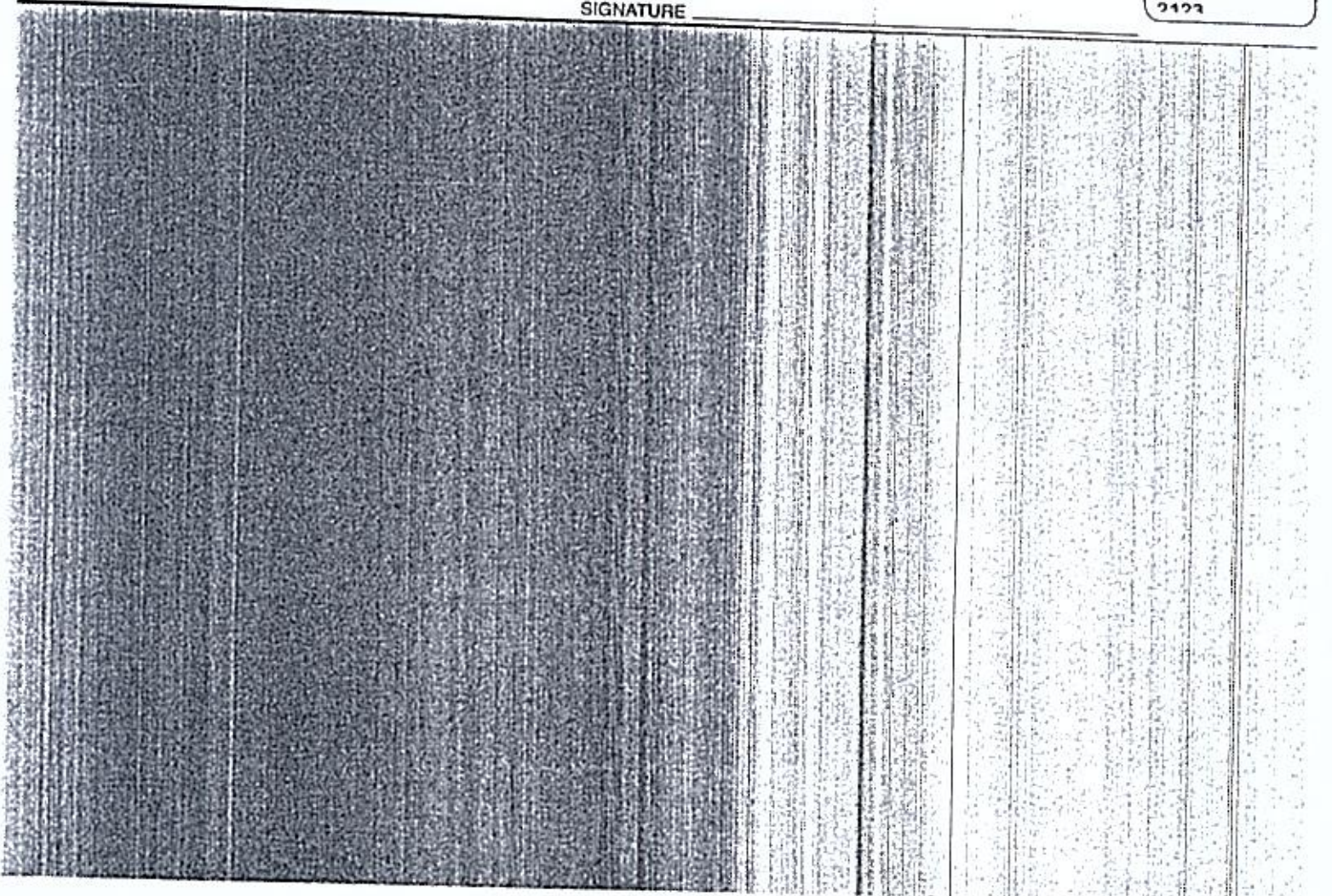
QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.87	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON-ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOT # 2831

NET AMOUNT
TENDERED
CHANGE
0.00
CHECK NO.
2123

SIGNATURE _____



NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

3. Date of Manifest

6. Emergency Response Phone No. at Facility (Postcode phone)

4. Waste Tracking Number

5. Waste Tracking Number

3. Operation Name and Mailing Address

Corner Stone Ent Inc
22 E Main St.
Pawling NY

Use a Mailing Site Address if different than mailing address
Use a Site Address if different than mailing address

Generator's Phone

8. Transporter's Company Name

Marginali Trucking

U.S. EPA ID Number

U.S. EPA ID Number

U.S. EPA ID Number

U.S. EPA ID Number

U.S. EPA ID Number

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Albany Landfill
1000 Rd
Albany NY

Facility's Phone

9. Waste Shippers Name and Description

Contaminated Soil

10. Containers

No.	Type	11. Total Quantity	12. Unit Wt./Vol.
1	DR	EST 33 tons	WT

11. Total

12. Unit

13. Special Handling Instructions and Additional Information

Lot # 0631

14. GENERATOR'S CERTIFICATION I certify that the above description of this manifest is true and correct under regulations for reporting proper disposal of Hazardous Waste.

Generator's Signature (Printed and Typed Name)

Kelly Dufford

Signature

Month Day Year

15. International Shipments

Export to U.S.

Export to U.S.

Port of entry (if applicable)

Date leaving U.S.

16. Transporter Acknowledgment of Receipt of Manifest

Transporter 1 Printed/Typed Name

Seth Spencer

Signature

Transporter 2 Printed/Typed Name

Signature

Month Day Year

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Package Weight

Partial Rejection

Full Rejection

17b. Abbreviated Facility (or Generator)

Manifest Reference Number

Facility's Phone

U.S. EPA ID Number

U.S. EPA ID Number

17c. Signature of Abbreviated Facility (or Generator)

Signature

Month Day Year

18. Designated Facility (Date of Operation, Certification of Receipt of Manifest, and Packed Type of Name)

Packed Type of Name

Month Day Year



DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangard Bros. Trucking
 1960 Pittsford Road
 Castleton NY 12033

02	332645	P41	teia Smith	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE #
04/17/08	04/17/08	12:20	12:38	7001
REFERENCE		ORIGIN		
2831-41				

Scale 1 Gross Wt. 103900 LB
 Scale 2 Tare Wt. 38860 LB
 Net Weight 67040 LB

Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	REF	TOTAL
33.52	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOT # 2831

SIGNATURE _____

NET AMOUNT
CHANGE
0.00
CHECK #
2123



NON-HAZARDOUS WASTE MANIFEST

1. Generator's Name

2. Facility

3. EPA ID Number/Response Print

4. Waste Tracking Number

5. Generator's Name (if different from 1)

COMMON STOCK ENTERPRISES
22 EAST MAIN ST

Generator's Site Address (if different from mailing address)

SAME

6. Generator's Phone

PAULING NY

7. Transporter's Company Name

MANUARDI BBS

U.S. EPA ID Number

NYR00009772

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ALBANY LANDFILL
RAPP RD

U.S. EPA ID Number

Facility's Phone

ALBANY NY

9. Waste Stream's Material Description

CONTAMINATED SOIL
PETROLEUM

10. Containers

No. Type

1 DT

11. Total Quantity

35 T

12. Unit Wt./Vol.

LOT # 2831

13. Describe Handling Instructions and Additional Information

14. GENERATOR'S CERTIFICATION

Generator's Name and Title

15. Generator's Signature

Printed Name

Signature

Potential for

Contaminating U.S.

Month Day Year
04/17/05

16. Transporter's Name and Title

Transporter's Signature

Transporter's Printed Name

Transporter's Title

Transporter's Phone

Ron Levato
Signature

Month Day Year
04/17/08

Month Day Year

17. Quantity

17a. Designated Facility's Name

On Site

Transfer

Storage

Partial Rejection

Full Rejection

17b. Alternate Facility (if Generator)

Facility's Name

Facility's Phone

Facility's EPA ID Number

Facility's Address

Facility's City

Facility's State

Facility's Zip

Facility's Contact Name

Facility's Contact Title

Facility's Contact Phone

Facility's Signature

Facility's Printed Name

Facility's Title

Facility's Phone

Facility's Address

Facility's City

Facility's State

Facility's Zip

Month Day Year

Month Day Year

Month Day Year

Month Day Year

Month Day Year

Month Day Year

Month Day Year

Month Day Year

Month Day Year

Month Day Year

Month Day Year

Month Day Year

Month Day Year



DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangland Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

02	332661	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/17/08	04/17/08	13:19	13:38	7001	
REFERENCE			ORIGIN		
2831-42					

Scale 1 Gross Wt. 108220 LB
 Scale 2 Tare Wt. 37060 LB
 Net Weight 71160 LB

Inbound - Cash ticket

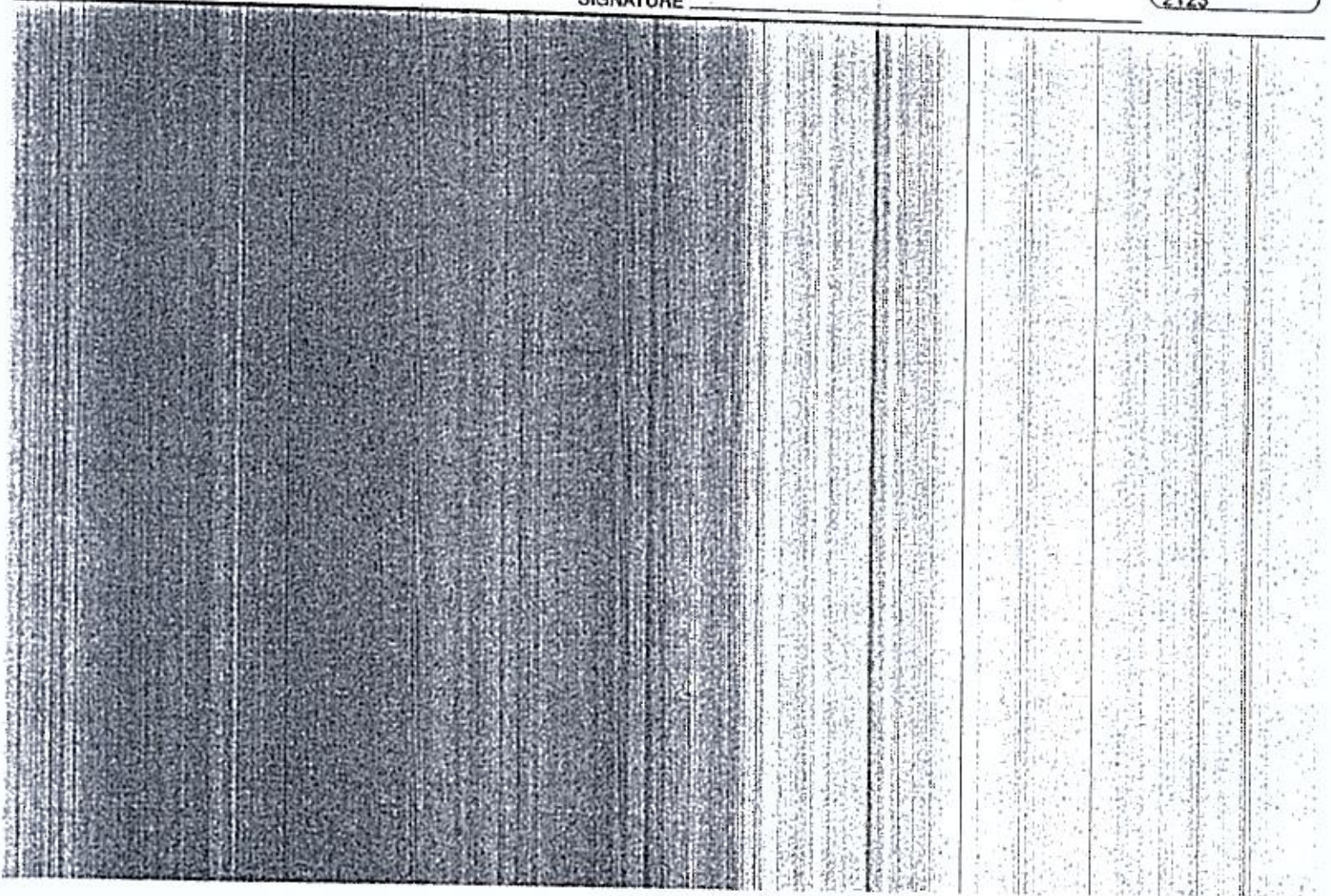
QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
35.58	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOT # 2831

NET AMOUNT
0.00
2123

SIGNATURE _____



NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

CORNERSTONE ENT.
EAST MAIN ST.
ROSELAND NY

Generator's Site Address (if different than mailing address)

Same

Generator's Phone

6. Transporter's Company Name

MANGLAROF TRUCKING

U.S. EPA ID Number

NYR0000097972

U.S. EPA ID Number

7. Transporter's Company Name

8. Designated Facility Name and Site Address

ALBANY LANDFILL
525 RAPP RD.
ALBANY NY

U.S. EPA ID Number

Facility's Phone

9. Waste Shipping Name and Description

NON-HAZARDOUS CONTAMINATED SOIL

10. Containers

No.

Type

11. Total Quantity

12. Unit

WT/VOL

13. Special Handling Instructions and Additional Information

lot #2831

14. GENERATOR'S CERTIFICATION: I certify the manifest described above is true and correct and that the waste is subject to federal regulations for reporting proper disposal of hazardous waste.

Generator's Name (Printed Type Name)

Rob L. F. LAND

Signature

[Signature]

Month Day Year

9 17 08

15. International Shipments

Export to U.S.

Export from U.S.

Port of Origin

Destination

16. Transporter's Address (Printed Type Name)

Transporter 1 (Printed Type Name)

ANDY ROLO

Signature

[Signature]

Month Day Year

9 17 08

Transporter 2 (Printed Type Name)

17. Discrepancy

17a. Discrepancy Indication Codes

Quantity

Type

Receipt

Partial Rejection

Full Rejection

17b. Alternate Facility (or Generator)

Manifest Reference Number

U.S. EPA ID Number

Facility's Phone

17c. Signature of Alternate Facility (or Generator)

[Signature]

Month Day Year

18. Designated Facility Owner or Operator: Declaration of receipt of manifests received by U.S. mail (EPA Form 3540-10-01)

Printed Type Name

Rob L. F. LAND

Signature

[Signature]

Month Day Year

9 17 08



DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd Albany, N.Y. 12205
 (518) 869-3651

00605 Mangardi Bros. Trucking
 1960 Pittsfield Road
 Castleton, NY 12033

02	332565	P4	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/17/08	04/17/08	07:01	07:19	7001	
REFERENCE			ORIGIN		
2831-48					

Scale 1 Gross Wt. 112850 LB
 Scale 2 Tare Wt. 37980 LB
 Net Weight 74880 LB

Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.44	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm Monday - Friday

THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOT # 2831

NET AMOUNT
TENDERED
CHANGE
0.00
CHECK NO.
2123

SIGNATURE _____



**NON-HAZARDOUS
 WASTE MANIFEST**

Generator's US EPA ID No.

Manifest Doc. No. 2: Page 1 of

M-49

3. Generator's Name and Mailing Address

CORNER STONE ENT.
 22 E. MAIN ST.
 PAULING NY

4. Generator's Phone

5. Transporter 1 Company Name
 Mangiardi Trucking

6. US EPA ID Number
 NYR0000097972

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

ALBANY LANDFILL
 HARRIS RD.
 ALBANY NY

10. US EPA ID Number

C. Facility's Phone

11. Waste Shipping Name and Description

12. Containers
 No. Type

13. Total Quantity

14. Unit Wt/Vol

Non-Hazardous Petroleum Contaminated Soil

1 DT

34 Ton

GENERATOR

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Lot # 2831

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name

Chris Hale

Signature

Month Day Year

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name

[Handwritten Signature]

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Robert Seland

Signature

[Handwritten Signature]

Month Day Year

TRANSPORTER

FACILITY

TRANSPORTER #1

**NON-HAZARDOUS
 WASTE MANIFEST**

1. Generator's US EPA ID No. _____ Manifest Doc. No. _____ 2. Page 1 of _____

3. Generator's Name and Mailing Address
 CORNER STONE ENT.
 22 E. MAIN ST.
 PAULING NY

4. Generator's Phone No. _____
 5. Transporter 1 Company Name
 Mangiardi Trucking
 6. US EPA ID Number
 NYR0000497972

M-49
 A. Transporter's Phone _____

7. Transporter 2 Company Name _____
 8. US EPA ID Number _____
 9. Designated Facility Name and Site Address
 ALBANY LANDFILL
 RAPP RD.
 ALBANY NY
 10. US EPA ID Number _____

B. Transporter's Phone _____
 C. Facility's Phone _____

11. Waste Shipping Name and Description

12. Containers
 No. Type
 13. Total Quantity
 14. Unit Wt/Vol

a. Non-Hazardous Petroleum Contaminated Soil 1 DT 34 Ton

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Lot # 2831

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name _____ Signature _____ Month Day Year

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name Chris Hale Signature _____ Month Day Year

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name _____ Signature _____ Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name Bob L. Seiland Signature _____ Month Day Year

TRANSPORTER #2

GENERATOR
TRANSPORTER
FACILITY



DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd - Albany, N.Y. 12205
 (518) 869-3651

006054 Manglard Bros. Trucking
 1960 Pittsford Road
 Castleton NY 12033

02	332822	P41	BRENDIA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/17/08	04/17/08	10:36	11:15	7001	
REFERENCE			ORIGIN		
2831-44					

Scale 1 Gross Wt. 106120 LB
 Scale 2 Tare Wt. 37460 LB
 Net Weight 68660 LB

Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.33	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOT # 2831

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
0.00
CHECK NO.
2123



TRK 44

NON-HAZARDOUS WASTE MANIFEST

Generator ID Number

3. Facility ID & Emergency Response Phone

4. Waste Tracking Number

518-477-8940

LOT # 2831

5. Generator Name and Mailing Address

CORNESTONE ENT INC
27 E MAIN ST

Generator Site Address (if different than mailing address)

PAULING NY 132564

SAME

6. Transporter 1 Company Name

MANGROVE BROS TRUCKING

U.S. EPA ID Number

NYR 000097972

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and EPA Address

ALBANY COUNTY LANDFILL
RAPP RD

U.S. EPA ID Number

Facility Phone

ALBANY NY

9. Waste Stream Name and Description

CONTAMINATED SOIL
NOW HAZ

10. Container

NA

Type

11. Total Quantity

EST
34

12. Unit

TONS

LOT # 2831

14. GENERATOR'S CERTIFICATION I certify that the information on this manifest is true and correct and that I am preparing proper disposal of hazardous waste.

Generator's Name and Title

Signature

Month Day Year

15. Vehicle Type

Other U.S.

Export U.S.

Foreign U.S.

16. Transporter's Name and Title

ED COONS

Signature

Month Day Year

4/16/08

17. Company

17a. Disposal Method

Other

Incineration

Pyrolysis

Partial Rejection

Full Rejection

17c. Facility Name (if Generator)

U.S. EPA ID Number

U.S. EPA ID Number

17d. Signature of Alternate Facility (if Generator)

Signature

Month Day Year

18. Designated Facility Name and Address (if different than mailing address)

Rob L. Starnel

Signature

Month Day Year

4/16/08

DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiaroli Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

02	332776	P41	teia Smith		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE #	ROLL OVER
04/18/08	04/18/08	12:31	13:00	7001	
REFERENCE			ORIGIN		
2831-46					

Scale 1 Gross Wt. 105080 LB
 Scale 2 Tare Wt. 33860 LB
 Net Weight 71220 LB

Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTRN/ON	FEE	TOTAL
35.61	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOT # 2831

SIGNATURE

NET AMOUNT
PROVIDED
CHANGE
0.00
CHECK #
2123



NON-HAZARDOUS WASTE MANIFEST

1. Generator's Name and Mailing Address
 2. Generator's Site Address (if different than mailing address)
 3. Transporter 1 Company Name
 4. Waste Tracking Number

Corner Stone Ent Inc
 22 E Main St.
 Pawling NY

Maryvale Trucking

U.S. EPA ID Number
 44-269
 U.S. EPA ID Number

Albany Landfill
 Rte 9 Rd.
 Albany NY

U.S. EPA ID Number

5. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt/Vol

contaminated soil

1

DT

EST
 33 Tons

13. Special Handling Instructions and Additional Information

LOT # 2851

14. GENERATOR'S CERTIFICATION: I certify that the waste covered by this manifest is not a RCRA hazardous waste and is being properly disposed of at a permitted facility.

Generator's Official Printed Name

Rob Kuttland

Signature

Month Day Year
 4 16 08

15. International Shipments

Export to U.S.

Export to U.S.

Port of Origin

Date leaving U.S.

16. Transporter 1 Printed Name

Seth Spencer

Signature

Month Day Year
 4 18 08

17. Discrepancy

17a. Discrepancy in Quantity

Quantity

Type

Partial Rejection

Full Rejection

17b. Alternate Facility for Generator

Facility Reference Number

U.S. EPA ID Number

Facility's Phone

17c. Signature of Alternate Facility (if Generator)

Month Day Year

18. Designated Facility Operator's Name, Title, and Signature (if not the owner)

Printed Name

Signature

Month Day Year



DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

02	332758	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/18/08	04/18/08	11:04	11:25	7001	
REFERENCE			ORIGIN		
2831-51					

Scale 1 Gross Wt. 105980 LB
 Scale 2 Tare Wt. 37920 LB
 Net Weight 68060 LB

Inbound - Cash ticket

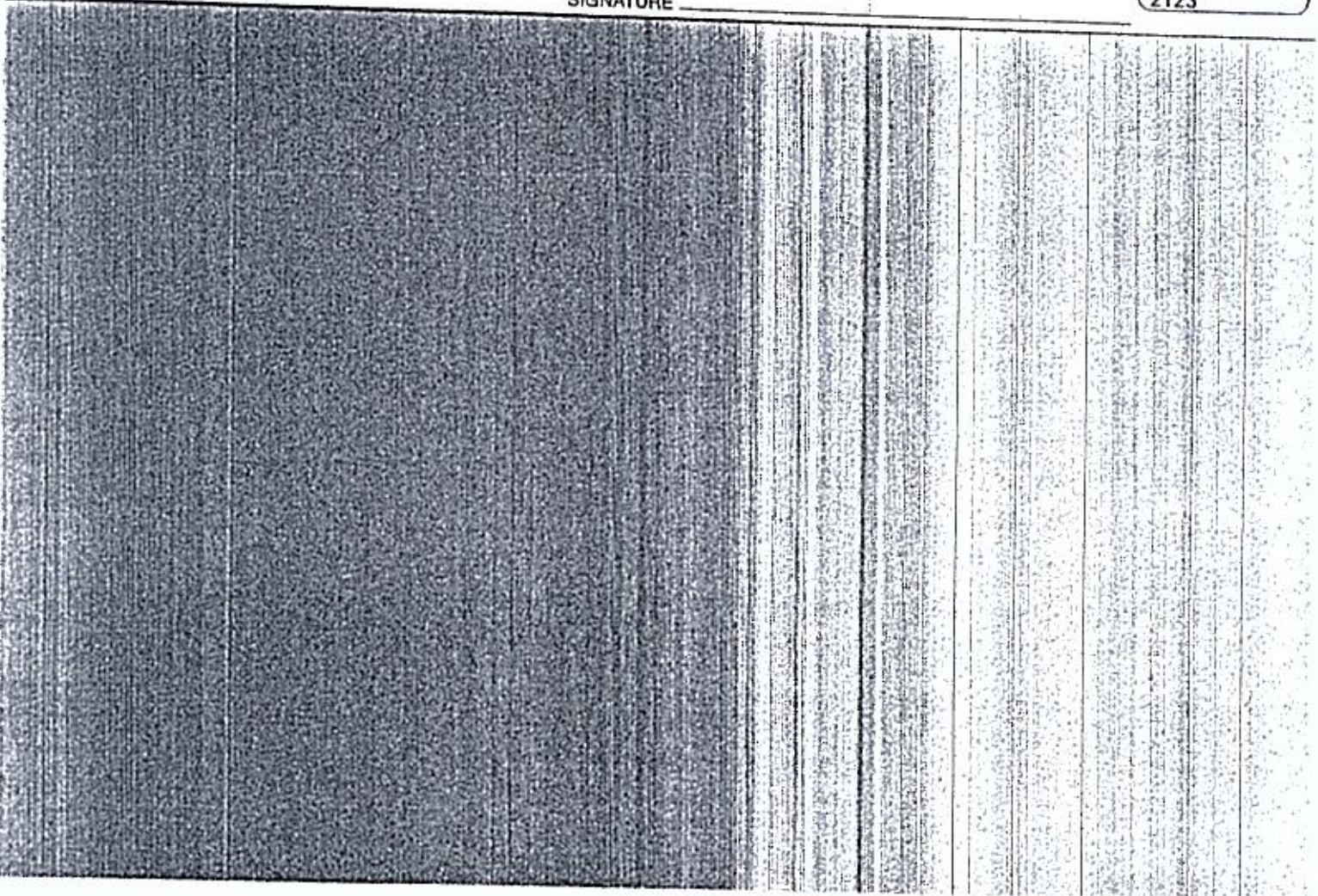
QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.03	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT.

CHECK # 2123
 LOT # 2831

NET AMOUNT
TENDERED
GRAND TOTAL
0.00
2123

SIGNATURE _____



NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Facility ID

3. Generator Reference Number

4. Waste Tracking Number

5. Generator's Name and Mailing Address

**CORNESTONE ENTERPRISES,
6 MAID ST
POPLING NY**

518-477-8940

Same

6. Generator's Phone

7. Transporter 1 Company Name

MANGIARDI TRUCKING

U.S. EPA ID Number

NYR000097972

U.S. EPA ID Number

8. Designated Facility Name and Site Address

**Albany Landfill
RAPP Rd
Albany NY**

U.S. EPA ID Number

Facility Phone

9. Waste Shipping Name and Description

Non-Hazardous Contaminated Soil

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

1 DT

**33 TONS
EGT**

13. Special Handling Instructions and Additional Information

Lot # 2831

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are either subject to Federal, State, or local laws requiring proper disposal of hazardous waste.

Generator's Officer's Printed/Typed Name

Kelly Hoffman

Signature

Month Day Year
04/18/08

15. International Commerce

Export to U.S.

Export to U.S.

Port of Entry

Country

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

GARRY DAURY

Signature

Garry Daury

Month Day Year
04/18/08

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Receiver

Partial Reception

Full Reception

17b. Alternate Facility (or Generator)

Manifest Reference Number

U.S. EPA ID Number

Facility's Phone

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner/Operator Certification (if except of materials covered by 29 CFR 192.101 and 192.102)

Printed/Typed Name

Signature

Month Day Year



DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd - Albany, N.Y. 12205
 (518) 869-3651

006054 Mangard Bros. Trucking
 1900 Pittsfield Road
 Castleton NY 12033

02	332780	P41	tele Smith	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE
04/18/08	04/18/08	12:50	13:10	7001
REFERENCE		ORIGIN		
2831-42				

Scale 1 Gross Wt. 106240 LB
 Scale 2 Tare Wt. 38120 LB
 Net Weight 68120 LB

Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.08	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday.
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOT # 2831

NET AMOUNT
TENDERED
CHANGE
0.00
CHECKOUT
2123

SIGNATURE _____





DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiaroli Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

02	332797	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/18/08	04/18/08	14:03	14:37	7001	
REFERENCE			ORIGIN		
2831-49					

Scale 1 Gross Wt. 113680 LB
 Scale 2 Tare Wt. 38360 LB
 Net Weight 75320 LB

Inbound - Cash ticket

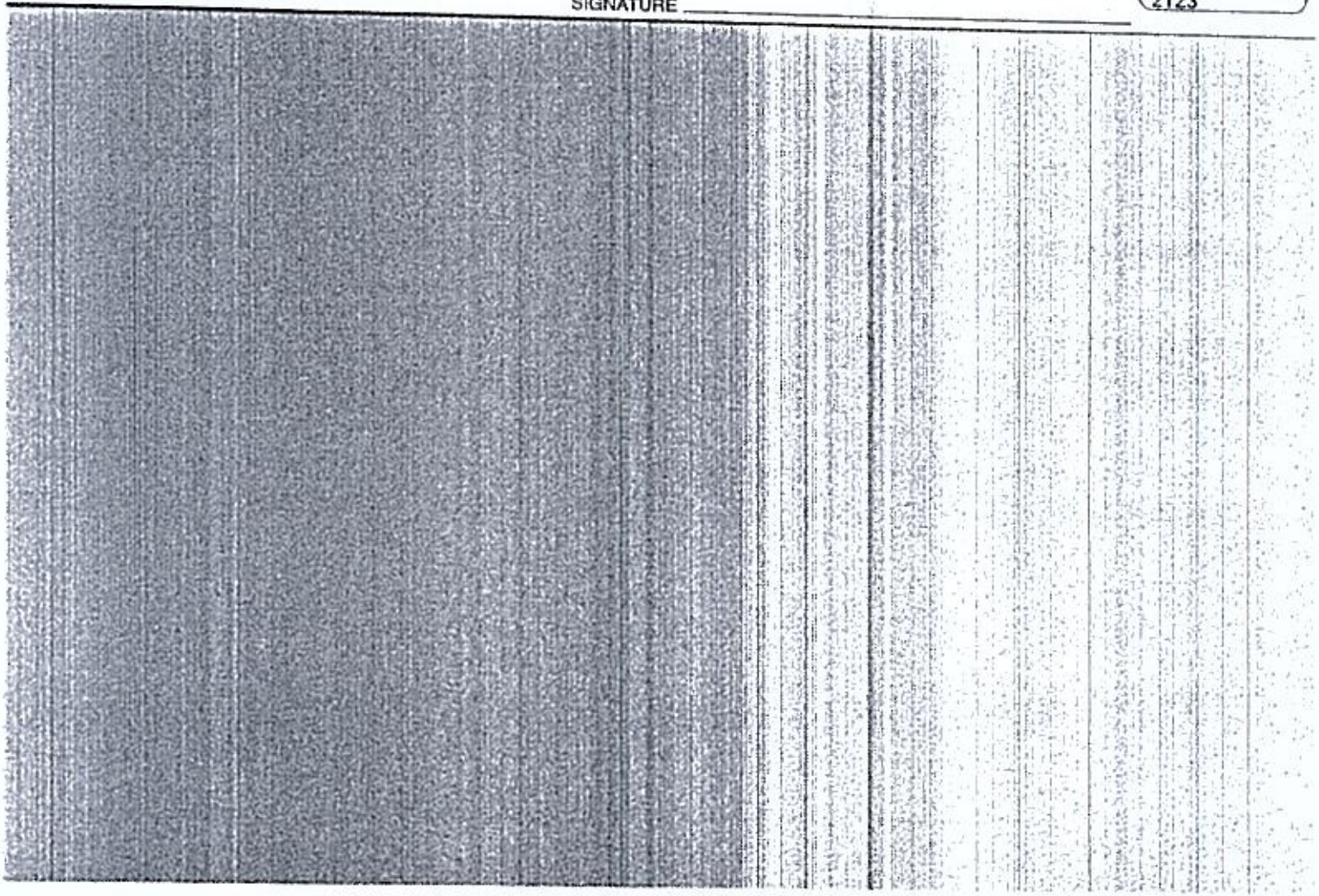
QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.66	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOT # 2831

NET AMOUNT
TENDER
CHANGE
0.00
CHECK NO
2123

SIGNATURE _____



NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Corner Stone ENT,
22 E. MAIN ST
PAWLING NY

Generator's Site Address (if different than mailing address)

Same

Generator's Phone

6. Transporter's Company Name

MANGIACI'S TRUCKING

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ALBANY LANDFILL
RAPP RD.

U.S. EPA ID Number

Facility's Phone

ALBANY NY

9. Waste Shipping Name and Description

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

Non-Hazardous Contaminated Soil 1 DT 25 Ton

13. Special Handling Instructions and Additional Information

LOT# 2831

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for requiring proper disposal of Hazardous Waste.

Generator's Official Title/Typed Name

Rob L. Howard

Signature

Robert - 2/1/08

Month Day Year
2 1 08

15. International Shipments

Import to U.S.

Export from U.S.

Port of origin

Date leaving U.S.

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Print/Typed Name

Chris Gale

Signature

Chris Gale

Month Day Year
4 18 08

Transporter 2 Print/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Partial

Partial Rejection

Full Rejection

17b. Alternate Facility (for Generator)

Manifest Reference Number

U.S. EPA ID Number

Facility's Phone

17c. Signature of Alternate Facility (for Generator)

Month Day Year

18. Designated Facility, Owner or Operator: Declaration of receipt of materials covered by the manifest except as noted in item 17a.

Printed/Typed Name

Signature

Month Day Year



DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1900 Pittsfield Road
 Castleton NY 12033

02	332799	P41	WEIGHMASTER		
			BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/18/08	04/18/08	14:06	14:39	7002	
REFERENCE			ORIGIN		
2831-50					

Scale 1 Gross Wt. 118120 LB
 Scale 2 Tare Wt. 38180 LB
 Net Weight 79940 LB

Inbound - Cash ticket

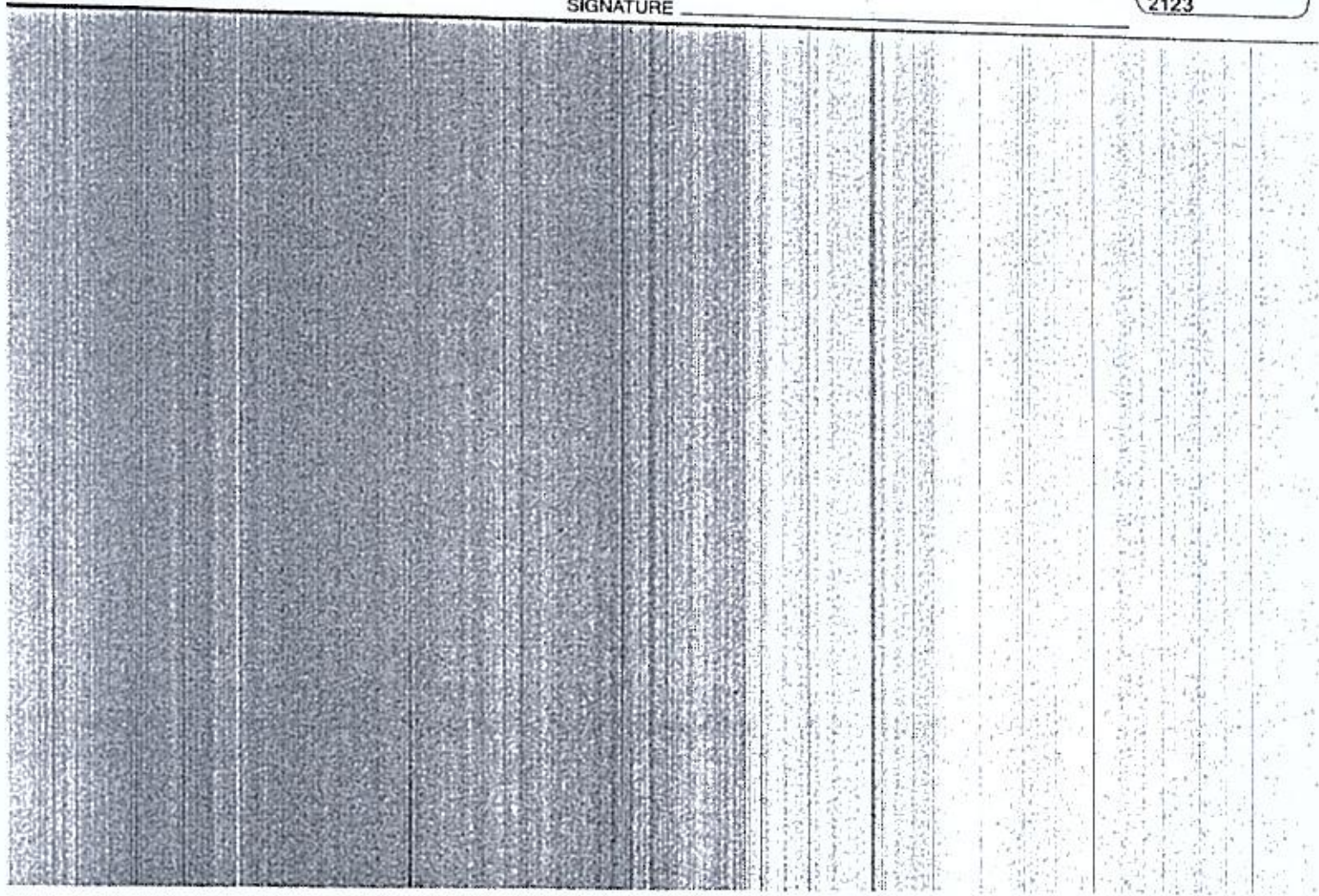
QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.97	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOT # 2831

NET AMOUNT
TENDERED
CHANGE
0.00
CHECKED
2123

SIGNATURE _____



NON-HAZARDOUS
 WASTE MANIFEST

Generator's US EPA ID No.

Manifest Doc. No.

2. Page 1 of

3. Generator's Name and Mailing Address

Corner Stone Ent.
 22 E. MAIN ST.
 Pawling NY

4. Generator's Phone

M-49

5. Transporter 1 Company Name

Mangiardi Trucking

US EPA ID Number

NYR000097972

A. Transporter's Phone

(518) 477-9940

7. Transporter 2 Company Name

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Albany Landfill
 Rapp Rd.
 ALBANY NY

10. US EPA ID Number

C. Facility's Phone

11. Waste Shipping Name and Description

Non-Hazardous Contaminated Soil

12. Containers
 No. Type

1 DT

13. Total Quantity

35 Ton

14. Unit Wt/Vol

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Lot #2831

16. GENERATOR'S CERTIFICATION: I certify the wastes described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Rob Liffman

Signature

[Signature]

Month Day Year
 4 17 98

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name

Chris Hulse

Signature

[Signature]

Month Day Year

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year
 04 17 98

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature

Month Day Year

TRANSPORTER #1

**NON-HAZARDOUS
 WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Doc. No.

2. Page 1 of

3. Generator's Name and Mailing Address

Corner Stone Ent.
 22 E. MAIN ST
 Pawling NY

4. Generator's Phone #

M-49

5. Transporter 1 Company Name

Mangiardi Trucking

B. US EPA ID Number

NYR 000097-97Z

A. Transporter's Phone

(518) 477-8940

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

ALBANY Landfill
 Rte 95
 ALBANY NY

10. US EPA ID Number

C. Facility's Phone

11. Waste Shipping Name and Description

Non-Hazardous Contaminated Soil

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt/Vol

1 DT

35 Tons

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Lot # 2831

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Rob Liffman

Signature

[Signature]

Month Day Year

4 17 06

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name

Chris Hile

Signature

[Signature]

Month Day Year

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

[Signature]

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature

Month Day Year

TRANSPORTER #2

GENERATOR

TRANSPORTER

FACILITY



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLLOFF
04/21/08	04/21/08	14:16	14:35	7001	
REFERENCE			ORIGIN		
2831-49					

Scale 1 Gross Wt. 111480 LB
 Scale 2 Tare Wt. 38880 LB
 Net Weight 72600 LB
 Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.30	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday

THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOP # 2831

SIGNATURE _____

NET AMOUNT
ISSUED
CHANGE
0.00
CHECK NO.
2123

MANGIARDI BROS. TRUCKING, INC.
4139 STATE RTE. 20
CASTLETON ON HUDSON, NY 12033

Please print or type
 (Form designed for use on 12-pitch typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	
3. Generator's Name and Mailing Address <i>Corner Stone Ent. 22 E. Main St. Pawling NY</i>		<i>M-119</i>			
4. Generator's Phone ()	5. Transporter 1 Company Name <i>Mangiardi Trucking</i>		6. US EPA ID Number <i>NY.R.D.2.0.0.9.7.9.7.2</i>	A. Transporter's Phone <i>518 477-8940</i>	
7. Transporter 2 Company Name	8. US EPA ID Number		B. Transporter's Phone		
9. Designated Facility Name and Site Address <i>Albany Landfill Rapp Rd. Albany NY</i>		10. US EPA ID Number		C. Facility's Phone	
11. Waste Shipping Name and Description a. <i>Non-Hazardous Contaminated Soil</i>			12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
				<i>1 PT</i>	<i>3</i>
D. Additional Descriptions for Materials Listed Above			E. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information <i>Lot 2831</i>					
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Printed/Typed Name <i>Rob L. F. Hill</i>		Signature <i>[Signature]</i>		Month Day Year <i>11 2 01</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <i>Chris Hale</i>		Signature <i>[Signature]</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature <i>[Signature]</i>	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number	
	5. Generator's Name and Mailing Address <i>Worcester Home Inc 12 E Main St Providence RI</i>		Generator's Site Address (if different than mailing address)		
Generator's Phone:					
6. Transporter 1 Company Name <i>Worcester Trucking</i>		U.S. EPA ID Number <i>41A209</i>			
7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address <i>Providence Landfill Providence RI</i>		U.S. EPA ID Number			
Facility's Phone:					
GENERATOR	9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
	1.	<i>1</i>	<i>DT</i>	<i>157</i>	<i>54 bns</i>
	2.				
	3.				
4.					
13. Special Handling Instructions and Additional Information <i>LOT # 831</i>					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Owner's Printed/Typed Name <i>Rob L. F. Hamill</i>		Signature <i>Rob L. F. Hamill</i>		Month	Day Year
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:			
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <i>Rob Hamill</i>		Signature <i>Rob Hamill</i>		Month	Day Year
Transporter 2 Printed/Typed Name		Signature		Month	Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)		U.S. EPA ID Number			
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)		Signature		Month	Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name		Signature		Month	Day Year



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

SIZE	TICKET	GRID	WORKMASTER		
02	332902	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/21/08	04/21/08	11:56	12:16	7001	
REFERENCE		ORIGIN			
2831-39					

Scale 1 Gross Wt. 106380 LB
 Scale 2 Tare Wt. 39280 LB
 Net Weight 67100 LB

Inbound - Cash ticket

QTY	UNT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.55	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday

THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOT # 2831

NET AMOUNT
TENDERED
CHANGE
0.00
CHECK NO
2123

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

CORNER Stone FILL
22 E MAIN ST

Generator's Phone: *Pauline NY*

(518) 477-8940

6. Transporter 1 Company Name

U.S. EPA ID Number

MANGIARDI TRANSPORT

NYR00097572

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

U.S. EPA ID Number

ALBANY Land FILL

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt/Vol

1. Non Hazardous Contaminated Soil

No.

Type

1

321

13. Special Handling Instructions and Additional Information

Lot # 2831

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

Signature

Month Day Year

Rob L. St. James

[Signature]

4/21/08

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Jim Luddy

[Signature]

4/21/08

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (516) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

02	332946	P4 I	WEIGHMASTER		
DATE IN		DATE OUT		VEHICLE	POLL OFF
04/22/08	04/22/08	07:01	07:23	7001	
REFERENCE			ORIGIN		
2831-000					

Scale 1 Gross Wt. 113880 LB
 Scale 2 Tare Wt. 37120 LB
 Net Weight 76760 LB
 Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
38.38	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOT # 2831

NET AMOUNT
TENDERS
CHANGE
0.00
CHECK NO.
2123

SIGNATURE _____

Cason Inc.

PO Box 443
Voorheesville, NY 12186
Phone (888) 302-2766
Fax (315) 689-5277

1077 # 2831

331 Des

NON - HAZARDOUS WASTE MANIFEST

GENERATOR

Generator Name: Lochner Stone Generating Location: Lochner Stone
Address: same Address: E. Main St, panting NY
Phone No. () Phone No. ()

Signature: [Signature]
Description of Waste

Description of Waste	Check	Check Type	Quantity
Oil Soaked Dirt/Debris N816		Yards	
Gas Soaked Dirt/Debris N816	X	Tons	32
Other Specify			

TRANSPORTER

N.Y.S. D.E.C. Permit # 4A-267 Date of Shipment: 4/21/08
Transporter Name: Non Typical Truck Vehicle License No. 58670-2A
Address: 280 Stradaban Lane Bergho NY 12022 Vehicle Description: Dump trailer
Phone No. ()
Driver Name: Chad Clemmer
Driver Signature: [Signature]

DESTINATION

Site Name: Albany Land Fill Phone No. ()
Address: Rapp Rd Albany NY Contact Person: [Signature]
Signature: [Signature]

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CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

SITE		TICKET		GRID		WEIGHMASTER	
02		333345		P4 I		BRENDA	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF		
04/24/08	04/24/08	12:50	13:20	7001			
REFERENCE				ORIGIN			
2831-10							

Scale 1 Gross Wt. 118000 LB
 Scale 2 Tare Wt. 33480 LB
 Net Weight 84520 LB

Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
42.26	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2131
 LOT # 2831

NET AMOUNT
0.00
CHECK NO
2131

SIGNATURE _____

CASON, INC.

2831 Lot #

P.O. Box 443 — Voorheesville, NY 12186

DRIVER LOAD SLIP

Phone: (518) 765-7223

Fax: (518) 765-9016

RECEIVED FROM

Mangiardi
Pawling NY

ADDRESS

FOR ACCOUNT OF

CUSTOMER

Cornerstone
Pawling NY

ADDRESS

SHIPPER'S
INVOICE NO.

DATE

4-24-08²⁰

DRIVER LOADING

DRIVER UNLOADING

TRACTOR NO.

10

TRAILER NO.

T-15

LOADING
DETAILS

TIME ARRIVED

TIME LEAVE

M

M

UNLOAD
DETAILS

TIME ARRIVED

TIME LEAVE

M

M

CASON LOAD #

2831

CAPACITY

DESCRIPTION

FOR OFFICE USE ONLY

RATE

AMOUNT

Contam. Soil

NOTES TO OFFICE

HUBDOMETER READINGS

START

FINISH

REASON FOR DELAY

I HEREBY CERTIFY THAT THE STATED PRODUCT WAS RECEIVED
OR ALL DETAILS INDICATED ABOVE ARE TRUE, EXCEPT:

Authorized Signature

Title

Rob L. Alarid



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

SITE	TICKET	GRID	WEIGHMASTER		
02	333326	P4 I	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	BOLL OFF
04/24/08	04/24/08	11:33	11:51	7001	
REFERENCE		ORIGIN			
2831-45					

Scale 1 Gross Wt. 102460 LB
 Scale 2 Tare Wt. 36060 LB
 Net Weight 66400 LB

Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.20	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday

THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2131
 LOT # 2831

SIGNATURE _____

NET AMOUNT
TENUES
CHANG
0.00
CHECK NO
2131

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

COIN RESUME ENT.
EAST MAIN ST.
PEWING N.Y.

Generator's Site Address (if different than mailing address)

same

Generator's Phone:

6. Transporter 1 Company Name

MEMORABLE TRUCKING

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ALBANY POWER
525 RPPRD.

U.S. EPA ID Number

Facility's Phone:

ALBANY N.Y.

9. Waste Shipping Name and Description

1. NON HAZARDOUS CONTAMINATED SOIL

10. Containers

No. Type

11. Total Quantity

12. Unit Wt/Vol.

13. Special Handling Instructions and Additional Information

LOT # 28531

M-45

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

Rob Lohman

Signature

[Signature]

Month Day Year
12 29 08

15. International Shipments

Import to U.S.

Export from U.S.

Port of embarkment:

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

ANDY REND

Signature

[Signature]

Month Day Year
4 29 08

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

17b. Alternate Facility (or Generator)

Manifest Reference Number:

U.S. EPA ID Number

Facility's Phone:

17c. Signatures of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name

Signature

Month Day Year



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

SITE	TICKET	GRID	WEIGHMASTER		
02	333356	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/24/08	04/24/08	13:17	13:39	7002	
REFERENCE			ORIGIN		
2831-49					

Scale 1 Gross Wt. 111180 LB
 Scale 2 Tare Wt. 38700 LB
 Net Weight 72480 LB

Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.24	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday

THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2131
 LOT # 2831

NET AMOUNT
TENDERED
CHANGE
0.00
CHECK NO.
2131

SIGNATURE _____

NON-HAZARDOUS
WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5184778440

5. Generator's Name and Mailing Address

COENORSTONE ENT.
EAST MAIN ST.
POWELL NY

Generator's Site Address (if different than mailing address)

Generator's Phone

6. Transporter 1 Company Name

NEWBROOK TRUCKING

U.S. EPA ID Number

NYR0000097972

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ALBANY ANODEMI
525 RAPP RD
ALBANY NY

U.S. EPA ID Number

Facility's Phone

9. Waste Shipping Name and Description

NON HAZARDOUS CONTAMINATED SOIL

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt/Vol

13. Special Handling Instructions and Additional Information

LOT # 2831

14. GENERATOR'S CERTIFICATION: I certify the manifest describes waste on this form and will not use it for illegal purposes or for anything other than the proper disposal of hazardous waste.

Generator's Name (Printed Type)

Jelly Lipton

Signature

4/18/08

Month Day Year

15. International Shipments

Exports U.S.

Exports U.S.

Part of which waste

will leave U.S.

Transporter Signature (for exports only)

16. Transporter Acknowledgment of Receipt of Manifest

Transporter 1 Printed Type Name

ANDY RENO

Signature

Month Day Year

Transporter 2 Printed Type Name

Signature

4 18 08

Month Day Year

17. Discrepancy

17a. Discrepancy Indication (Select one)

Quantity

Type

Residue

Partial Rejection

Full Rejection

17b. Alternate Facility (or Generator)

Manifest Reference Number

U.S. EPA ID Number

Facility's Phone

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator Certification (or receipt or release is covered by the manifest Exception Code 18 only 17d)

Printed Type Name

Signature

Month Day Year



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

SITE	TICKET	GRID	WEIGHMASTER		
02	334191	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/01/08	05/01/08	11:17	11:34	7005	
REFERENCE		ORIGIN			
2831-51					

Scale 1 Gross Wt.	110520	LB	Inbound - Cash ticket
Scale 2 Tare Wt.	37540	LB	
Net Weight	72980	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.49	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2136
 LOT # 2831

NET AMOUNT
TENDERED
CHANGE
0.00
CASH/NO.
2136

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone 518-477-8940	4. Waste Tracking Number
5. Generator's Name and Mailing Address Corner Stone Enterprises 22 MAIN ST PAULING NY		Generator's Site Address (if different than mailing address)			
6. Transporter 1 Company Name MANGIARDI PROS. TRUCKING INC.		U.S. EPA ID Number NYR000097972			
7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address ALBANY LANDFILL RADA RD. ALBANY NY		U.S. EPA ID Number			
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
1. Non hazardous contaminated soil		No.	Type	33 Tons	
		1	PT	Est.	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information Lot # 2831					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's Official's Printed/Typed Name Rob L. Shurt		Signature [Signature]		Month	Day
				5	1
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name GARRY DAURY		Signature [Signature]		Month	Day
				5	1
Transporter 2 Printed/Typed Name		Signature		Month	Day
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
17b. Alternate Facility (or Generator)		Manifest Reference Number:		U.S. EPA ID Number	
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)		[Signature]		Month	Day
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a					
Printed/Typed Name		Signature		Month	Day



CITY OF ALBANY
 DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

SITE	TICKET	<input checked="" type="checkbox"/> GRID		WEIGHMASTER	
02	335441	P41		Iola Smith	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/14/08	05/14/08	12:35	12:57	7001	
REFERENCE			ORIGIN		
2831-51					

Scale 1 Gross Wt. 106680 LB
 Scale 2 Tare Wt. 38380 LB
 Net Weight 68300 LB

Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.15	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday

THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2160
 LOT # 2831

NET AMOUNT

SIGNATURE _____

*Need this for 5-15-08
 2 truck loads.*

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone 518-477-8940	4. Waste Tracking Number	
	5. Generator's Name and Mailing Address Crown Stone Est MAIN ST DANVILLE NY		Generator's Site Address (if different than mailing address) SAME		
GENERATOR	6. Transporter 1 Company Name MANHATTAN BROS TRAINING INC.		U.S. EPA ID Number NYR000097972		
	7. Transporter 2 Company Name		U.S. EPA ID Number		
DESIGNATED FACILITY	8. Designated Facility Name and Site Address ALBANY LANDFILL RAMP RD ALBANY NY		U.S. EPA ID Number		
	Facility's Phone				
GENERATOR	9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
	1.	1	DT	3/4 Tons EST	
	2.				
	3.				
4.					
13. Special Handling Instructions and Additional Information Lot # 2831					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
TRANSPORTER	Generator's/Officer's Printed/Typed Name Rob L. Hoffmann		Signature [Signature]		Month Day Year 05 11 08
	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:		
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name GARRY DAWRY		Signature [Signature]		Month Day Year 05 14 08
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	17. Discrepancy				
	17a. Discrepancy Indication Spots <input type="checkbox"/> Quantity <input checked="" type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	17b. Alternate Facility (or Generator) 295 178		Manifest Reference Number:		
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)					Month Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name		Signature [Signature]		Month Day Year	



CITY OF ALBANY
 DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

SITE	TICKET	GRID	WEIGHMASTER		
02	335470	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/15/08	05/15/08	07:02	07:23	7001	
REFERENCE			ORIGIN		
2831-49					

Scale 1 Gross Wt. 114600 LB
 Scale 2 Tare Wt. 38500 LB
 Net Weight 76100 LB

Inbound - Cash ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
38.05	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2162

NET AMOUNT
TOTAL
CHARGE
CHECK NO.

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

CORNER STONE ENT.
22 E. MAIN ST.
PAULING NY

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name

Manguard Tracking

U.S. EPA ID Number

NYR00007972

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ALBANY LANDFILL
RAPP RD.
ALBANY NY

U.S. EPA ID Number

Facility's Phone:

9. Waste Shipping Name and Description

1.

Non-Hazardous Contaminated Soil

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

1 PI 35 TON

3.

4.

13. Special Handling Instructions and Additional Information

Lot # 2831

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

Rob L. Holland

Signature

[Signature]

Month Day Year

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Chris Hale

Signature

[Signature]

Month Day Year

10 5 14 08

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

[Signature]

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER INTL

DESIGNATED FACILITY



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

ZONE	TICKET	GRID	WEIGHMASTER		
02	332902	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/21/08	04/21/08	11:56	12:16	7001	
REFERENCE		ORIGIN			
2831-39					

Scale 1 Gross Wt. 106380 LB
 Scale 2 Tare Wt. 39280 LB
 Net Weight 67100 LB

Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.55	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday

THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOT # 2831

NET AMOUNT
TENDERED
CHANGE
0.00
CHECK NO
2123

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST*

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

CORNER Stone Fwy
22 E MAIN ST

Generator's Site Address (if different than mailing address)

Generator's Phone: PAULINE NY

(518) 477-8940

6. Transporter 1 Company Name

MANGIARDI Trucking

U.S. EPA ID Number

NYRDD0097972

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Albany Land Fill

U.S. EPA ID Number

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

1. Non Hazardous Contaminated Soil

No. Type

1

32T

13. Special Handling Instructions and Additional Information

Lot # 2431

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's Official Printed/Typed Name

Rob L. St. James

Signature

[Signature]

Month Day Year
4 21 08

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Jim Luddy

Signature

[Signature]

Month Day Year
4 21 08

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indicator Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator. Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name

Signature

Month Day Year



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

TICKET		GRID		WEIGHMASTER	
02	332946	P41		BRENDA	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	TRUCK OFF
04/22/08	04/22/08	07:01	07:23	7001	
REFERENCE			ORIGIN		
2831-000					

Scale 1 Gross Wt. 113880 LB
 Scale 2 Tare Wt. 37120 LB
 Net Weight 76760 LB

Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEES	TOTAL
38.38	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2123
 LOT # 2831

NET AMOUNT
0.00
CHECK NO.
2123

SIGNATURE _____

Cason Inc.

PO Box 443
Voorheesville, NY 12186
Phone (888) 302-2766
Fax (315) 689-5277

1077 # 2831

231 005

3d 38 NON - HAZARDOUS WASTE MANIFEST

GENERATOR

Generator Name: Lochner Stone Generating Location: Lochner Stone
Address: same Address: E. Main St, painting NY
Phone No. () Phone No. ()
Signature: [Signature]

Description of Waste	Check	Check Type	Quantity
Oil Soaked Dirt/Debris N816		Yards	
Gas Soaked Dirt/Debris N816	X	Tons 32	+
Other Specify			

TRANSPORTER

N.Y.S. D.E.C. Permit # 4A-267 Date of Shipment: 4/21/08
Transporter Name: Non Typical Truck Vehicle License No. 58670-2A
Address: 280 St... Vehicle Description: Dump trailer
Phone No. ()
Driver Name: Chad Clemmer
Driver Signature: [Signature]

DESTINATION

Site Name: Albany Land Fill Phone No. ()
Address: Rapp Rd Albany NY Contact Person: [Signature]
Signature: [Signature]

109

Net Weight

84520

LB

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEES	TOTAL
42.26	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday

THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
AGREEMENT

CHECK # 2131
LOT # 2831

NET AMOUNT
0.00
CHECK NO.
2131

SIGNATURE _____

CASON, INC.

2831 Lot #

P.O. Box 443 — Voorheesville, NY 12186

DRIVER LOAD SLIP

Phone: (518) 765-7223

Fax: (518) 765-9016

RECEIVED FROM Mangiardi
 ADDRESS Pawling NY
 FOR ACCOUNT OF _____

SHIPPER'S INVOICE NO. _____
 DATE 4-24-08

CUSTOMER Cornerstone
 ADDRESS Pawling NY

DRIVER LOADING _____
 DRIVER UNLOADING _____

CAPACITY	DESCRIPTION	FOR OFFICE USE ONLY	
		RATE	AMOUNT
	<u>Contam. Soil</u>		

TRACTOR NO. 10 TRAILER NO. T-15

LOADING DETAILS	TIME ARRIVED M	TIME LEAVE M
UNLOAD DETAILS	TIME ARRIVED M	TIME LEAVE M

CASON LOAD # 2831

NOTES TO OFFICE _____

REASON FOR DELAY _____

HUBDOMETER READINGS

START	
FINISH	

I HEREBY CERTIFY THAT THE STATED PRODUCT WAS RECEIVED OR ALL DETAILS INDICATED ABOVE ARE TRUE EXCEPT:

[Signature]
 Authorized Signature _____ Title _____
Rob L. Flavel



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

SITE	TICKET	GRS	WEIGHMASTER		
02	333326	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	HOLD OFF
04/24/08	04/24/08	11:33	11:51	7001	
REFERENCE			ORIGIN		
2831-45					

Scale 1 Gross Wt. 102460 LB
 Scale 2 Tare Wt. 36060 LB
 Net Weight 66400 LB
 Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.20	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2131
 LOT # 2831

SIGNATURE _____

NET AMOUNT
0.00
2131

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

COHA RESUME ENT.
EAST MAIN ST.
ROWLING N.Y.

Generator's Site Address (if different than mailing address)

same

Generator's Phone:

6. Transporter 1 Company Name

NEWPORT PACIFIC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ALBANY POWER
525 RAPP RD.

U.S. EPA ID Number

Facility's Phone:

ALBANY N.Y.

9. Waste Shipping Name and Description

1. NON HAZARDOUS CONTAMINATED SOIL

10. Containers

No. Type

11. Total Quantity

12. Unit Wt./Vol.

13. Special Handling Instructions and Additional Information

104 # 2831

17-45

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name:

Bob Lott Law

Signature

[Signature]

Month Day Year
12 24 08

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

ANDY REND

Signature

[Signature]

Month Day Year
12 29 08

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

17b. Alternate Facility (or Generator)

Manifest Reference Number:

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator; Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name

Signature

Month Day Year



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

SITE		TRIP		WEIGHMASTER	
02	333356	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/24/08	04/24/08	13:17	13:39	7002	
REFERENCE			ORIGIN		
2831-49					

Scale 1 Gross Wt. 111180 LB
 Scale 2 Tare Wt. 38700 LB
 Net Weight 72480 LB

Inbound - Cash ticket

QTY	WT	DESCRIPTION	RATE	EXTENSION	FEES	TOTAL
36.24	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday

THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2131
 LOT # 2831

NET AMOUNT
0.00
2131

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address
CORNERSTONE ENT.
22 E. MAIN ST.
PAULING NY

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name

Mangiardi Trucking

U.S. EPA ID Number

NYR000097972

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Albany Landfill
Rapp Rd.
Albany NY

U.S. EPA ID Number

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

No. Type

11. Total Quantity

12. Unit Wt./Vol.

1.

Non-Hazardous Petroleum Contaminated Soil 1 DT 35TON

2.

3.

4.

13. Special Handling Instructions and Additional Information

Lot 2831

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Owner's Printed/Typed Name

Robert K. Howard

Signature

Robert K. Howard

Month Day Year

4 24 08

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Chris Hale

Signature

Chris Hale

Month Day Year

04 24 08

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name

Signature

Month Day Year



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 •(518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

SITE	TICKET	GRID	WEIGHMASTER		
02	333327	P4 I	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
04/24/08	04/24/08	11:35	12:09	7002	
REFERENCE			ORIGIN		
2831-000					

Scale 1 Gross Wt. 109040 LB
 Scale 2 Tare Wt. 34260 LB
 Net Weight 74780 LB

Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.39	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday

THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2131
 LOT # 2831

NET AMOUNT
TENDERED
CHANGE
CHECK NO.
2131

SIGNATURE _____

CASON, INC.

DRIVER LOAD SLIP

P.O. Box 443 — Voorheesville, NY 12186

Phone: (518) 765-7223

Fax: (518) 765-9016

RECEIVED FROM *Pauling NY*

ADDRESS

FOR ACCOUNT OF

CUSTOMER *Albany Landfill*

ADDRESS

SHIPPER'S INVOICE NO.

DATE *4/24/05* 20

DRIVER LOADING *B. Turner*

DRIVER UNLOADING *B. Turner*

TRACTOR NO. *220* TRAILER NO. *T4*

CAPACITY	DESCRIPTION	FOR OFFICE USE ONLY	
		RATE	AMOUNT
<i>20 cy</i>			

LOADING DETAILS	TIME ARRIVED	TIME LEAVE
	M	M

UNLOAD DETAILS	TIME ARRIVED	TIME LEAVE
	M	M

CASON LOAD #

NOTES TO OFFICE

lot # 2831 soil

HUBODOMETER READINGS

START

FINISH

REASON FOR DELAY

I HEREBY CERTIFY THAT THE STATE PRODUCT WAS RECEIVED OR ALL DETAILS INDICATED ABOVE ARE TRUE EXCEPT

Authorized Signature *[Signature]* Title



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardl Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

SITE	TICKET	GPID	WEIGHMASTER		
02	334233	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/01/08	05/01/08	13:57	14:20	7001	
REFERENCE			ORIGIN		
2831-49					

Scale 1 Gross Wt.	103280	LB	Inbound - Cash ticket
Scale 2 Tare Wt.	38820	LB	
Net Weight	64460	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.23	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday

THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2136

NET AMOUNT
0.00
CHECK NO.
2136

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
5. Generator's Name and Mailing Address <i>Coonestone Ent. 22 Main St. Pawling NY</i>		Generator's Site Address (if different than mailing address) <i>SAME</i>			
Generator's Phone:					
6. Transporter 1 Company Name <i>Mangini's Trucking</i>		U.S. EPA ID Number <i>NYR000097572</i>			
7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address <i>ALBANY Landfill Rapp Rd. ALBANY NY</i>		U.S. EPA ID Number			
Facility's Phone:					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. <i>Non-Hazardous Contaminated Soil</i>		1	DT	35	Ton
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information <i>Lot #2831</i>					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name <i>Rob Lifford</i>		Signature <i>[Signature]</i>		Month	Day Year
				<i>05</i>	<i>01</i> <i>08</i>
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry:					
Transporter Signature (for exports only): Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <i>Chris Hale</i>		Signature <i>[Signature]</i>		Month	Day Year
				<i>05</i>	<i>01</i> <i>08</i>
Transporter 2 Printed/Typed Name		Signature		Month	Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)		U.S. EPA ID Number			
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)		Signature <i>[Signature]</i>		Month	Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name		Signature		Month	Day Year



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

SITE	TICKET	GRU	WEIGHMASTER		
02	334200	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/01/08	05/01/08	11:49	12:12	7002	
REFERENCE			ORIGIN		
2831-48					

Scale 1 Gross Wt.	107660	LB	Inbound - Cash ticket
Scale 2 Tare Wt.	37740	LB	
Net Weight	69920	LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.96	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday

THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2136
 LOT # 2831

NET AMOUNT
TENDERED
CHANGE
0.00
CHECK NO
2136

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

*Carroll's Home Int
27 East 17th St
New York NY*

Generator's Site Address (if different than mailing address)

Generator's Phone:

212 477 1111

6. Transporter 1 Company Name

Mangiaroli Bros Trucking

U.S. EPA ID Number

NYR000097971

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

*Albany Landfill
Rapp Road Albany N.Y.*

U.S. EPA ID Number

Facility's Phone:

9. Waste Shipping Name and Description

*1. Contaminated Soil
LOT # 2831*

10. Containers

No. Type

11. Total Quantity

12. Unit Wt./Vol.

1 PT.

0.57

700

34

13. Special Handling Instructions and Additional Information

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

Rob Liffman

Signature

[Signature]

Month Day Year

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Tom Vicia

Signature

[Signature]

Month Day Year

5 1 08

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator, Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
 Rapp Road Waste Management Facility
 525 Rapp Rd • Albany, N.Y. 12205
 (518) 869-3651

006054 Mangiardi Bros. Trucking
 1960 Pittsfield Road
 Castleton NY 12033

SITE	TICKET	GRID	WEIGHMASTER		
02	334190	P41	BRENDA		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/01/08	05/01/08	11:16	11:35	7004	
REFERENCE		ORIGIN			
2831-41					

Scale 1 Gross Wt. 107800 LB
 Scale 2 Tare Wt. 37140 LB
 Net Weight 70660 LB
 Inbound - Cash ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEES	TOTAL
35.33	TON	CONTAMINATED SOIL				

Operating hours: 7 am to 3 pm, Monday - Friday
 THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
 NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
 AGREEMENT

CHECK # 2136
 LOT # 2831

NET AMOUNT
TENDERED
CHANGE
0.00
CHECK NO.
2136

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

CORNER STONE ENTERPRISES
73 MAIN ST
JAWHOUT NY

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name

MILAGRIAN

U.S. EPA ID Number

NYR 0000 97912

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

ALBANY LIMITED
KAPP RD

U.S. EPA ID Number

Facility's Phone:

ALBANY NY

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

1. CONTAMINATED BAG POTTY

No.

Type

1

BT

36

T

2. LOT # 1234

3.

4.

13. Special Handling Instructions and Additional Information

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's Officer's Printed/Typed Name

Robt J. [Signature]

Signature

[Signature]

Month Day Year

05 01 08

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

ROSE FERNETT

Signature

Signature

[Signature]

Month Day Year

05 01 08

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

17b. Alternate Facility (or Generator)

Manifest Reference Number:

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator, Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY

ZARECKI

&

ASSOCIATES, L.L.C.

Engineers • Architects
Surveyors

Joseph Zarecki, PE
Jeffrey Hecker, LS
Curt Johnson, RA

11 West Main Street
Pawling, NY 12564
(845) 855-3771
(845) 855-3772 Fax
Website: zarecki.com
email: zareckiasoc@earthlink.net

Ridgefield, CT
(203) 438-7094
(203) 438-7157 Fax

August 5, 2010

Mr. Joshua P. Cook, Project Manager
Division of Environmental Remediation
Remedial Bureau C, 11th Floor
NYS Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7014

Re: Cornerstone Enterprises, Incorporated
Site ID No. C314116
Village of Pawling
Dutchess County

Dear Mr. Cook:

This submission is in response to your review letter, dated April 13, 2010, regarding the referenced project. Conrad Geoscience Corporation of Poughkeepsie, New York, prepared the initial Remedial Investigation (RI) and Interim Remedial Measure (IRM) Report in June 2008. As you are aware, the client, Cornerstone Enterprises, Incorporated, has encountered difficulty in securing all of the requested information from Conrad Geoscience Corporation. Enclosed are responses (in italics), keyed to your review letter that provides available information so that we may move the project forward. Also, as Zarecki & Associates, LLC are not the authors of the initial RI & IRMR, we cannot make physical changes to this document.

1. Section 2.1.1 – If the information is available, this section should describe how soil borings were backfilled/plugged. *Per Conrad Geoscience Corporation, the soil borings were backfilled with drill cuttings (see Appendix A Letter of Transmittal from Conrad Geoscience Corporation dated 5/25/10).*
2. The report should describe how investigation-derived waste was handled, and must include documentation of proper disposal for any materials disposed off-site. *Per Conrad Geoscience Corporation, the investigation-derived waste remained onsite (see Appendix A Letter of Transmittal from Conrad Geoscience Corporation dated 5/25/10).*



3. Section 2.1.2 – If the information is available, this section should describe how the temporary well screens were constructed (e.g., the length of the screened section, the slot size of the screen and the position of the screen relative to the groundwater table), and should describe the method used to extract groundwater samples (e.g., well development procedures and sampling procedures, including flow rates, etc.). It should also describe how the wells were backfilled or otherwise decommissioned. Well construction logs should be generated for the temporary wells.
Per Conrad Geoscience Corporation, "Temporary wells were installed with 5-foot screened sections. Slot size was 0.010 inch. Wells within the excavation area were removed during excavation." Well construction diagrams, as prepared by Conrad Geoscience, are attached as Appendix B.
4. Section 2.1.2 – The same information discussed in the previous comment must be provided for any wells that remain and which are intended to be used for the remainder of the remedial program (e.g., GW-1 and GW-10).
Only wells labeled GW-1 and GW-10 remained after excavation was completed. With the addendum prepared by this office, well GW-1 and GW-10 will be pulled and verified to meet the conditions as noted above.
5. Section 2.1.4 – This section must describe any other potential sources of contamination within the building (e.g., hydraulic lifts) which had or have the potential to impact the environment.
Conrad Geoscience Corporation did not identify any other evidence of potential sources of contamination.
6. Section 3.0 – This chapter must describe the July 2007 removal of petroleum product from the tanks, including volume of product removed, method of removal and location/method of disposal. Documentation of proper disposal must be included in an appendix.
Documentation regarding the July 2007 removal of petroleum product is included in Appendix C.
7. Section 3.1 – This section must describe the volume of petroleum and sludge removed from the tanks and the method used to clean the tanks of any residual sludge/petroleum (e.g., sprayed using a pressure washer, scraped with hand tools, etc.). If water was used in the decontamination process, this section must describe how the water was collected and disposed. It

must also describe any characterization sampling performed for the various waste streams (e.g., waste oil, gasoline, sludge, wastewater, etc.). Documentation of proper disposal, including disposal of the tanks/scrap metal, must be included in an appendix.

Documentation regarding the July 2007 removal of petroleum product is included in Appendix C.

8. Section 3.2 – This section must describe any characterization sampling, conducted, including details on how the sample was collected (e.g., from each area of concern, depth the sample was collected from, composite or grab sample, etc.). Results of the waste characterization sampling must be included in an appendix.

Documentation of the soils removed from the site is included in Appendix D.

9. Section 3.2 – Documentation of proper off-site disposal of the soil must also be included. This must include fully executed manifests showing the material was received by the landfill. If available, it should also include a pre-approval letter from the landfill; weight tickets from the landfill (as provided for one truck – from City of Albany, dated 04/24/08, Vehicle: 7002); and a copy of the Part 364 waste hauler permit(s) for the transporter(s).

Documentation of the soils removed from the site is included in Appendix D.

10. Section 3.4 – This section must discuss the source of the backfill, and the results of environmental quality sampling. (See subsequent comments regarding the Addendum to the RI Work Plan). Sampling results must be provided in an appendix.

Clean backfill material was provided and installed by Earth Alterations, LLC, 3 Old Penny Road, Pawling, New York 12564.

11. Section 3.5, Final Paragraph – This paragraph must be deleted in its entirety. Assessment of the feasibility of further remedial actions is not appropriate for this report and will be discussed in the Alternatives Analysis/Remedial Work Plan.

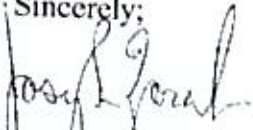
Comment acknowledge, although our office cannot alter the RI & IRMR document prepared by Conrad Geoscience Corporation.

12. Section 4.1 – See comments regarding 3.2. The same information must be provided regarding the characterization and disposal of this material as well.
Documentation of the soils removed from the site is included in Appendix C.
13. Section 4.4, Final Sentence – This sentence must be struck. The alternatives analysis will determine appropriate remedial actions for the site.
Comment acknowledge, although our office cannot alter the RI & IRMR document prepared by Conrad Geoscience Corporation.
14. Section 5.0, 2nd Paragraph – The second sentence should be revised. The RI Report should not include an assessment of whether certain remedial actions are feasible. The third sentence must be deleted in its entirety for the same reason.
Comment acknowledge, although our office cannot alter the RI & IRMR document prepared by Conrad Geoscience Corporation.
15. Section 5.0, Final Paragraph – This must be deleted in its entirety. See previous comment.
Comment acknowledge, although our office cannot alter the RI & IRMR document prepared by Conrad Geoscience Corporation.
16. Appendix A – Boring logs must be included for the monitoring wells, in particular GW-1, GW-2, GW-3, GW-7 and GW-10; however, all logs that exist must be included. For any wells co-located with a soil boring, the boring number should be modified to also include the well number (e.g., GB-21/WG-6), if applicable.
Per Conrad Geoscience, 'GB-20 was converted to GW-5, GB-21 was converted to GW-6, GB-22 was converted to GW-8, GB-24 was converted to GW-9. Soil logs were not prepared for some temporary well locations (GW-1,2,3,4,7, and 10). Depth to water and stratigraphy were laterally continuous throughout the site. Wells were constructed based on adjacent logged information. Logs for borings have been modified' and are included as Appendix E.

The comments noted for the Addendum to the "Draft" Remedial Investigation Work Plan (RIWP), as prepared by this office, have been addressed and are incorporated into the updated document, as included in this submission.

Thank you for your assistance on this project. If you have any questions and/or require any additional information, please contact our office.

Sincerely;



Joseph Zurecki, PE

JZ/klm

cc: Kelly Liffland, Cornerstone Enterprises, Incorporated

Appendix A



CONRAD GEOSCIENCE CORP.

One Civic Center Plaza, Suite 501

Poughkeepsie, New York 12601

Phone 845/454-2544 FAX 845/454-2655

Letter of Transmittal

To: Kelly Liffland

Date: 5/25/10

Project No: RP060081

Project Name: Riley's - Pawling

We are sending you: Attached Under Separate Cover

Reports Other

Samples

Copies	Date	Item No.	Description
1		1	Temporary Well Construction Diagrams
1		2	July 2007 Tank Disposal Waste Receipt
1		3	Modified logs of borings co-located with temporary wells

- For approval Other
- As requested
- For your use
- For review & comment
- Soil borings were backfilled with drill cuttings.
 - See previous comment.
 - Temporary wells were installed with 5-foot screened sections. Slot size was 0.010 inch. Sampling method is already described in this section. Wells within the excavation area were removed during excavation. Well construction diagrams are attached (Item No. 1).
 - Wells not removed during excavation were still in place at the time field activities ended. Decommissioning of these wells was the responsibility of the owner.
 - Conrad Geoscience did not identify any other evidence of potential sources of contamination. This can be described by others if necessary.

6. Waste disposal receipt is attached (Item No. 2).
7. Waste disposal receipts can be found in Appendix F. Contact waste hauling company for further information.
8. Waste characterization sampling would have been coordinated by owners. Contact disposal facility for copies of waste characterization data and facility acceptance.
9. Waste disposal receipts can be found in Appendix F. Contact waste hauling company for further information.
10. Owners were responsible for backfill. Backfill was delivered by Earth Alterations, LLC. Contact this company for soil quality data.
12. Waste characterization sampling would have been coordinated by owners. Contact disposal facility for copies of waste characterization data and facility acceptance.
Waste disposal receipts can be found in Appendix F. Contact waste hauling company for further information.
16. GB-20 was converted to GW-5.
GB-21 was converted to GW-6.
GB-22 was converted to GW-8.
GB-24 was converted to GW-9.

Soil logs were not prepared for some temporary well locations (GW-1,2,3,4,7,10). Depth to water and stratigraphy were laterally continuous throughout the site. Wells were constructed based on adjacent logged information. Logs for borings co-located with temporary wells have been modified and are attached (Item No. 3).

cc:

Signed:

Appendix B



CONRAD GEOSCIENCE CORP.

Temporary Well Construction Diagram

Project # RP060080

Driller: Syska

Drilling Method: Geoprobe - Direct Push

Drilling Fluid: None

Location/Coordinates: _____

Depth of Casing (BLS): _____

Depth of Ground Surface: _____

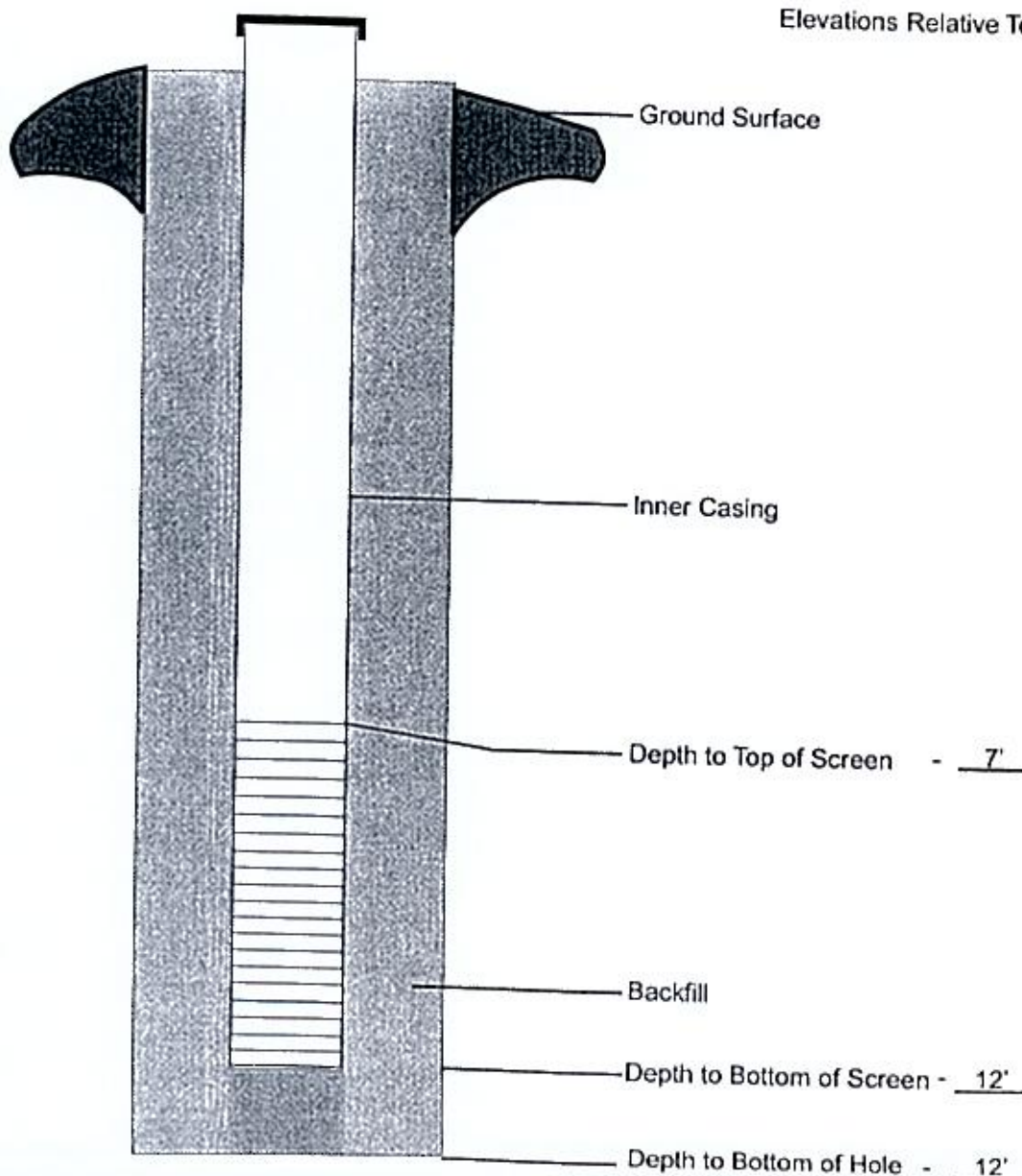
Geologist: B. Goodwin, C. Brown, S. LaRose

Well # GW-1

Site: Riley's Garage - Pawling

Date Start: 8-14-07

Date Finish: 8-15-07



Borehole Diameter	3.25"
Casing Diameter	0.75"
Casing Material	PVC
Filter Pack Type	#2 SAND
Screen Type	10-SLOT PVC



CONRAD GEOSCIENCE CORP.

Temporary Well Construction Diagram

Project # RP060080

Driller: Syska

Drilling Method: Geoprobe - Direct Push

Drilling Fluid: None

Location/Coordinates: _____

Depth of Casing (BLS): _____

Depth of Ground Surface: _____

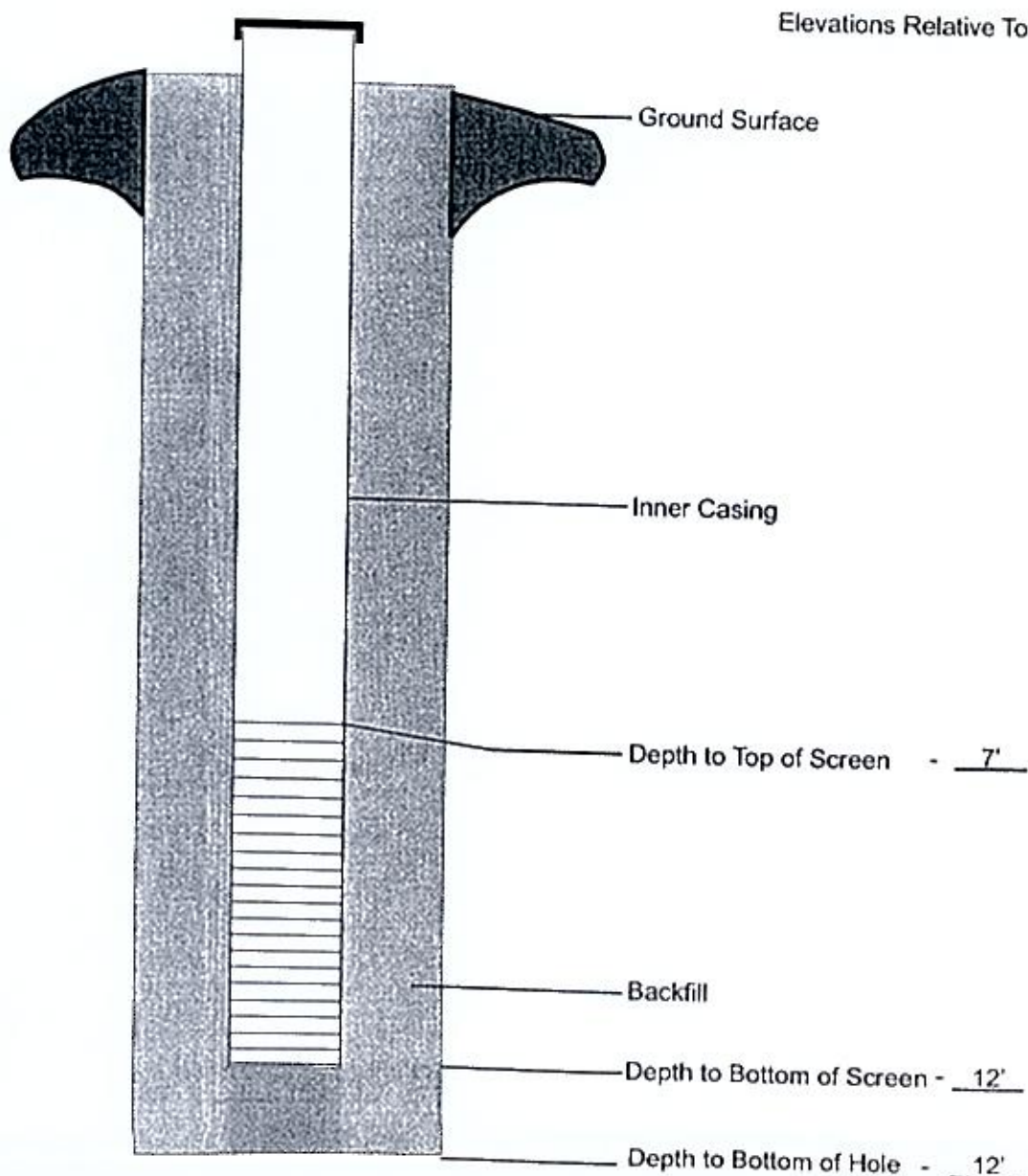
Geologist: B. Goodwin, C. Brown, S. LaRose

Well # GW-2

Site: Riley's Garage - Pawling

Date Start: 8-14-07

Date Finish: 8-15-07



Borehole Diameter	3.25'
Casing Diameter	0.75'
Casing Material	PVC
Filter Pack Type	#2 SAND
Screen Type	10-SLOT PVC



CONRAD GEOSCIENCE CORP.

Temporary Well Construction Diagram

Project # RP060080

Driller: Syska

Drilling Method: Geoprobe - Direct Push

Drilling Fluid: None

Location/Coordinates: _____

Depth of Casing (BLS): _____

Depth of Ground Surface: _____

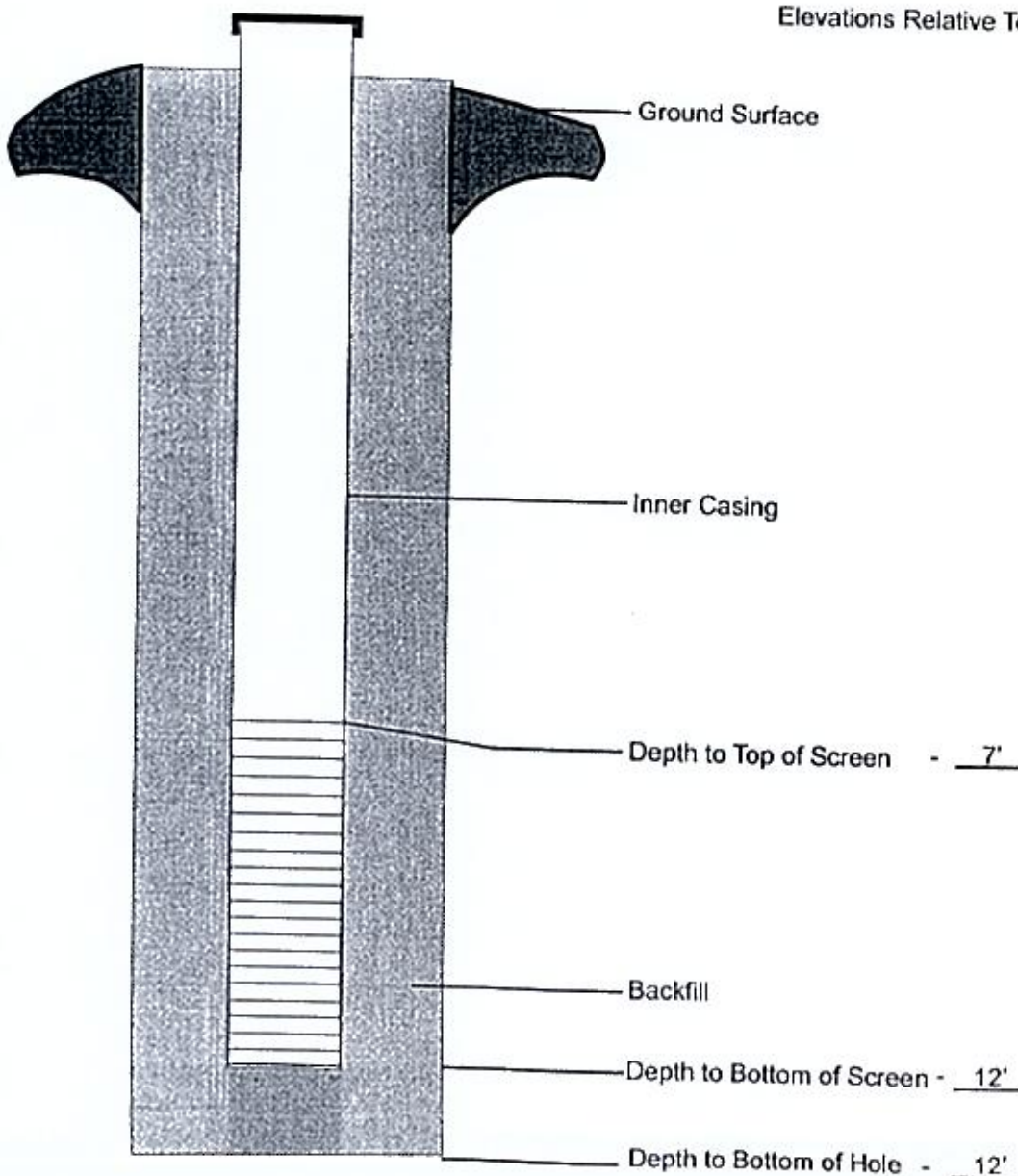
Geologist: B. Goodwin, C. Brown, S. LaRose

Well # GW-3

Site: Riley's Garage - Pawling

Date Start: 8-14-07

Date Finish: 8-15-07



Borehole Diameter	3.25"
Casing Diameter	0.75"
Casing Material	PVC
Filter Pack Type	#2 SAND
Screen Type	10-SLOT PVC



CONRAD GEOSCIENCE CORP.

Temporary Well Construction Diagram

Project # RP060080

Driller: Syska

Drilling Method: Geoprobe - Direct Push

Drilling Fluid: None

Location/Coordinates: _____

Depth of Casing (BLS): _____

Depth of Ground Surface: _____

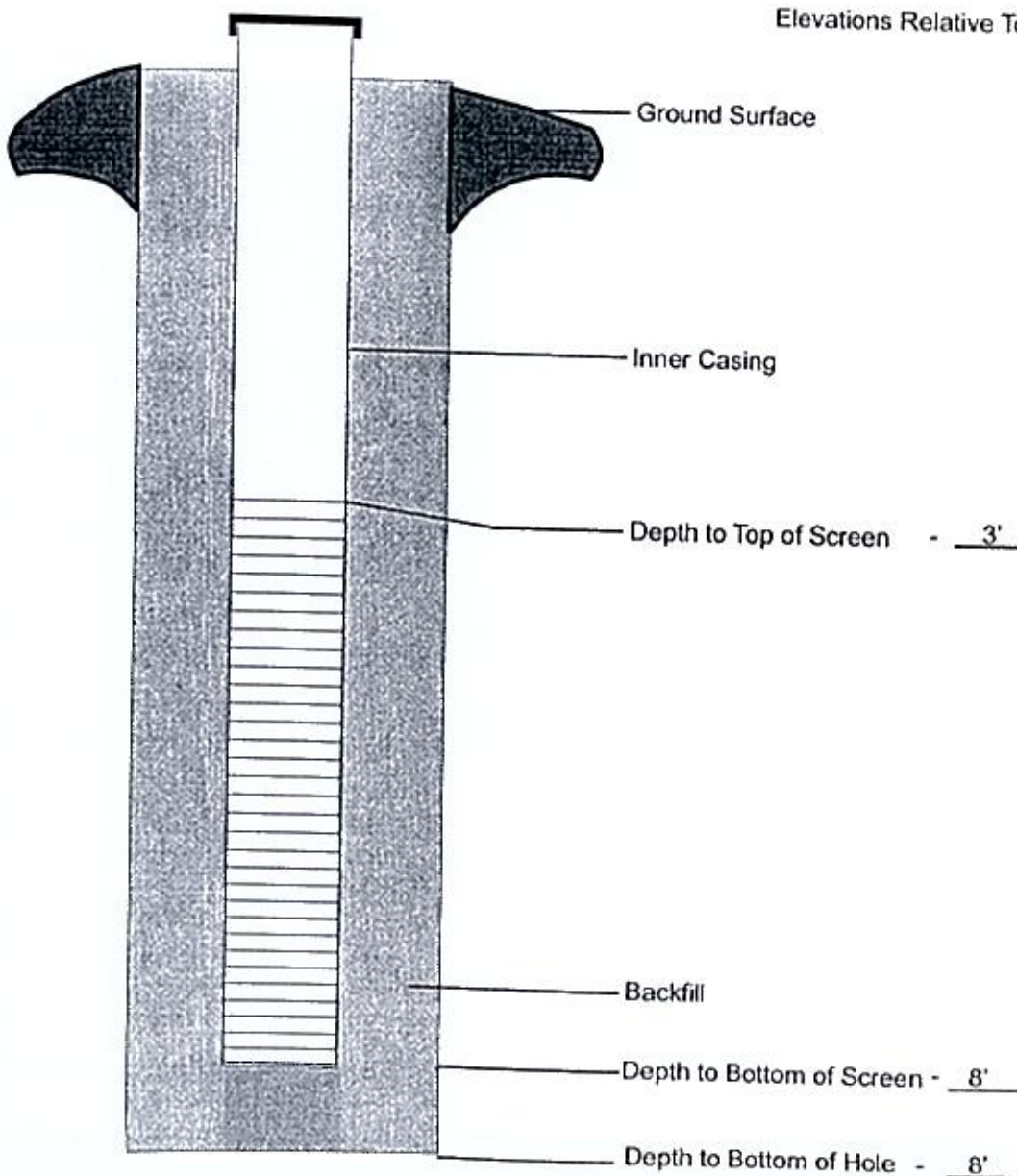
Geologist: B. Goodwin, C. Brown, S. LaRose

Well # GW-4

Site: Riley's Garage - Pawling

Date Start: 8-14-07

Date Finish: 8-15-07



Borehole Diameter	3.25"
Casing Diameter	0.75"
Casing Material	PVC
Filter Pack Type	#2 SAND
Screen Type	10-SLOT PVC



CONRAD GEOSCIENCE CORP.

Temporary Well Construction Diagram

Project # RP060080

Driller: Syska

Drilling Method: Geoprobe - Direct Push

Drilling Fluid: None

Location/Coordinates: _____

Depth of Casing (BLS): _____

Depth of Ground Surface: _____

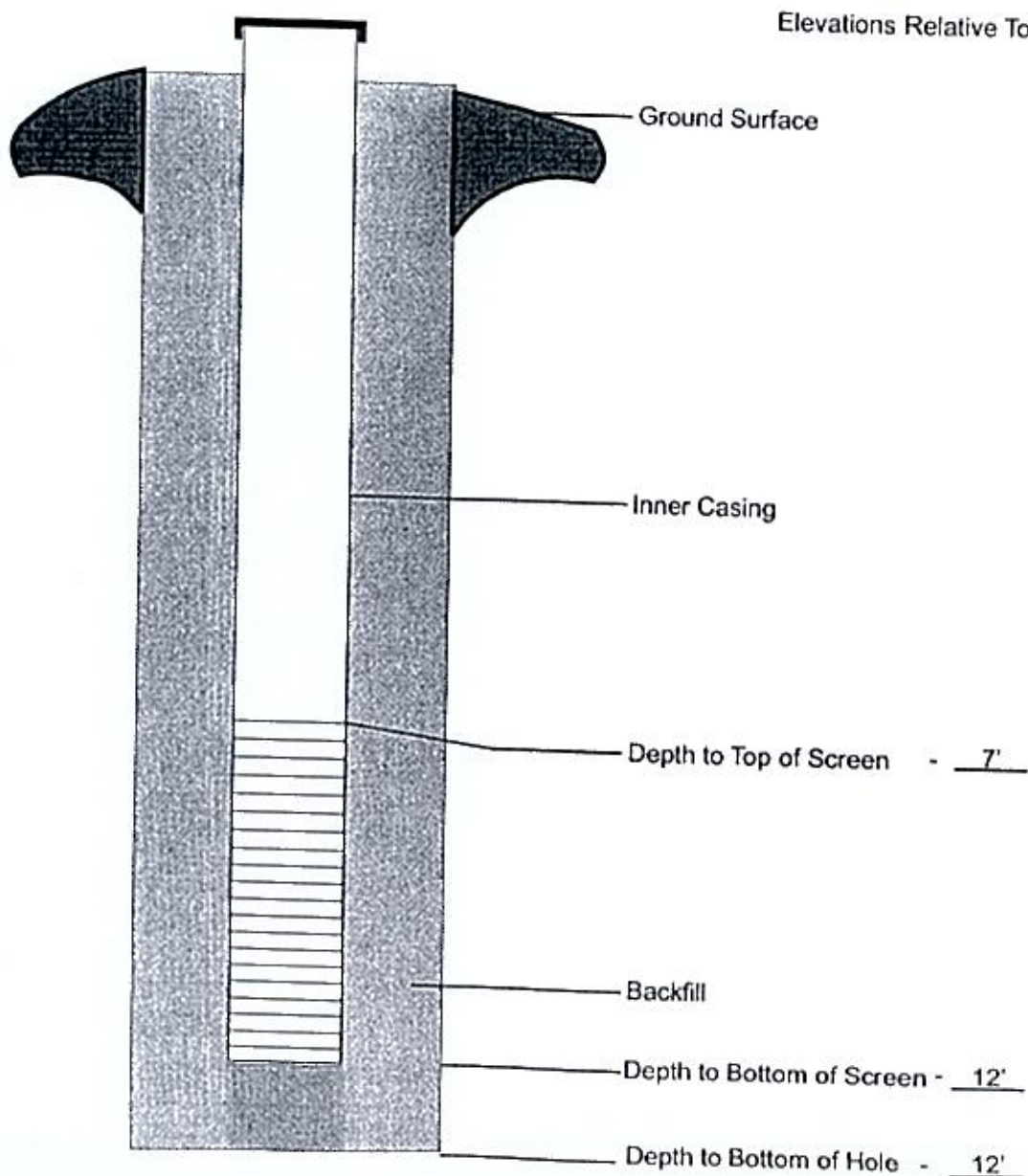
Geologist: B. Goodwin, C. Brown, S. LaRose

Well # GW-5

Site: Riley's Garage - Pawling

Date Start: 8-14-07

Date Finish: 8-15-07



Borehole Diameter	3.25"
Casing Diameter	0.75"
Casing Material	PVC
Filter Pack Type	#2 SAND
Screen Type	10-SLOT PVC



CONRAD GEOSCIENCE CORP.

Temporary Well Construction Diagram

Project # RP060080

Driller: Syska

Drilling Method: Geoprobe - Direct Push

Drilling Fluid: None

Location/Coordinates: _____

Depth of Casing (BLS): _____

Depth of Ground Surface: _____

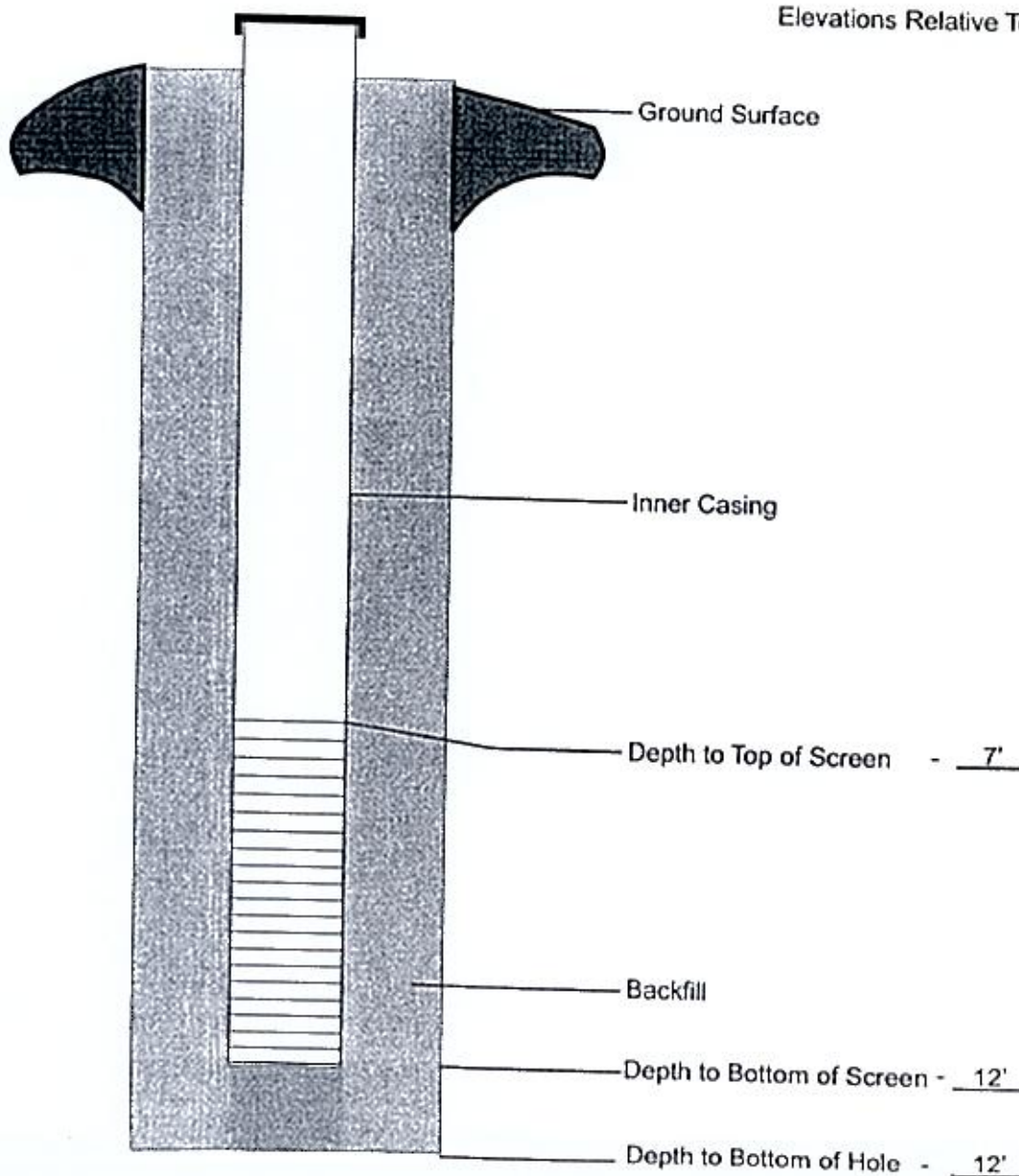
Geologist: B. Goodwin, C. Brown, S. LaRose

Well # GW-6

Site: Riley's Garage - Pawling

Date Start: 8-14-07

Date Finish: 8-15-07



Borehole Diameter	3.25"
Casing Diameter	0.75"
Casing Material	PVC
Filter Pack Type	#2 SAND
Screen Type	10-SLOT PVC



CONRAD GEOSCIENCE CORP.

Temporary Well Construction Diagram

Project # RP060080

Driller: Syska

Drilling Method: Geoprobe - Direct Push

Drilling Fluid: None

Location/Coordinates: _____

Depth of Casing (BLS): _____

Depth of Ground Surface: _____

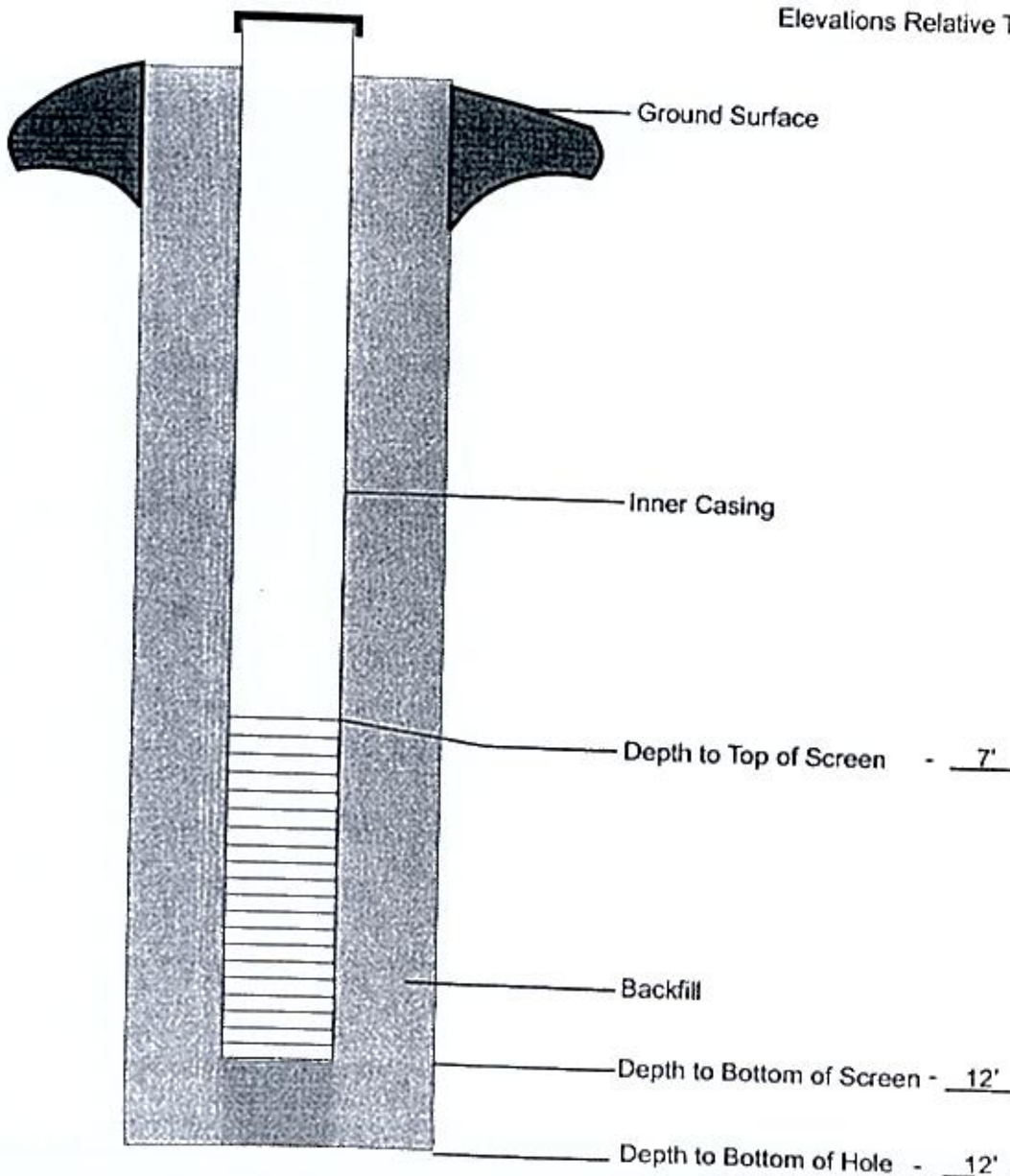
Geologist: B. Goodwin, C. Brown, S. LaRose

Well # GW-7

Site: Riley's Garage - Pawling

Date Start: 8-14-07

Date Finish: 8-15-07



Borehole Diameter	3.25"
Casing Diameter	0.75"
Casing Material	PVC
Filter Pack Type	#2 SAND
Screen Type	10-SLOT PVC



CONRAD GEOSCIENCE CORP.

Temporary Well Construction Diagram

Project # RP060080

Driller: Syska

Drilling Method: Geoprobe - Direct Push

Drilling Fluid: None

Location/Coordinates: _____

Depth of Casing (BLS): _____

Depth of Ground Surface: _____

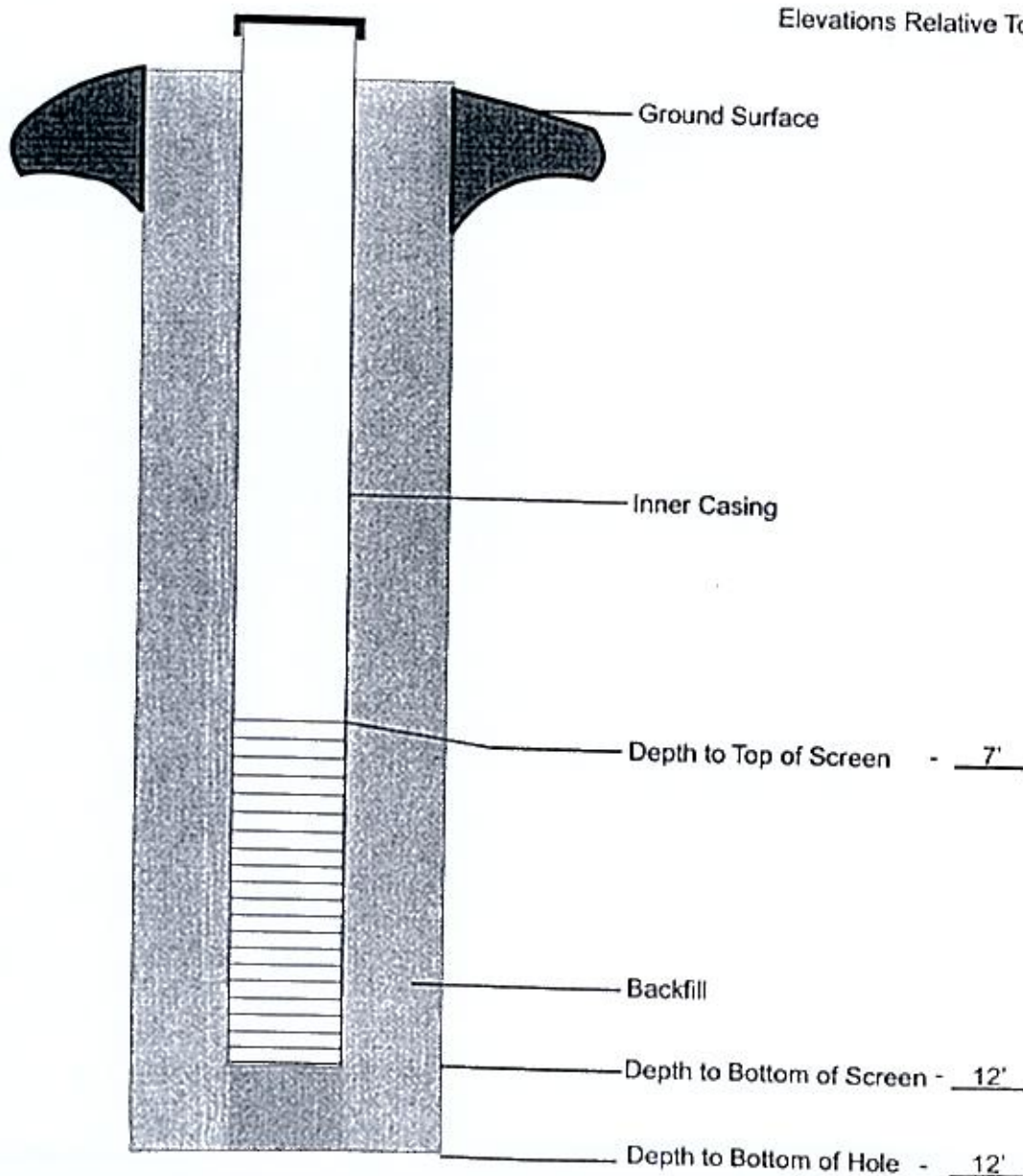
Geologist: B. Goodwin, C. Brown, S. LaRose

Well # GW-8

Site: Riley's Garage - Pawling

Date Start: 8-14-07

Date Finish: 8-15-07



Borehole Diameter	3.25"
Casing Diameter	0.75"
Casing Material	PVC
Filter Pack Type	#2 SAND
Screen Type	10-SLOT PVC



CONRAD GEOSCIENCE CORP.

Temporary Well Construction Diagram

Project # RP060080

Driller: Syska

Drilling Method: Geoprobe - Direct Push

Drilling Fluid: None

Location/Coordinates: _____

Depth of Casing (BLS): _____

Depth of Ground Surface: _____

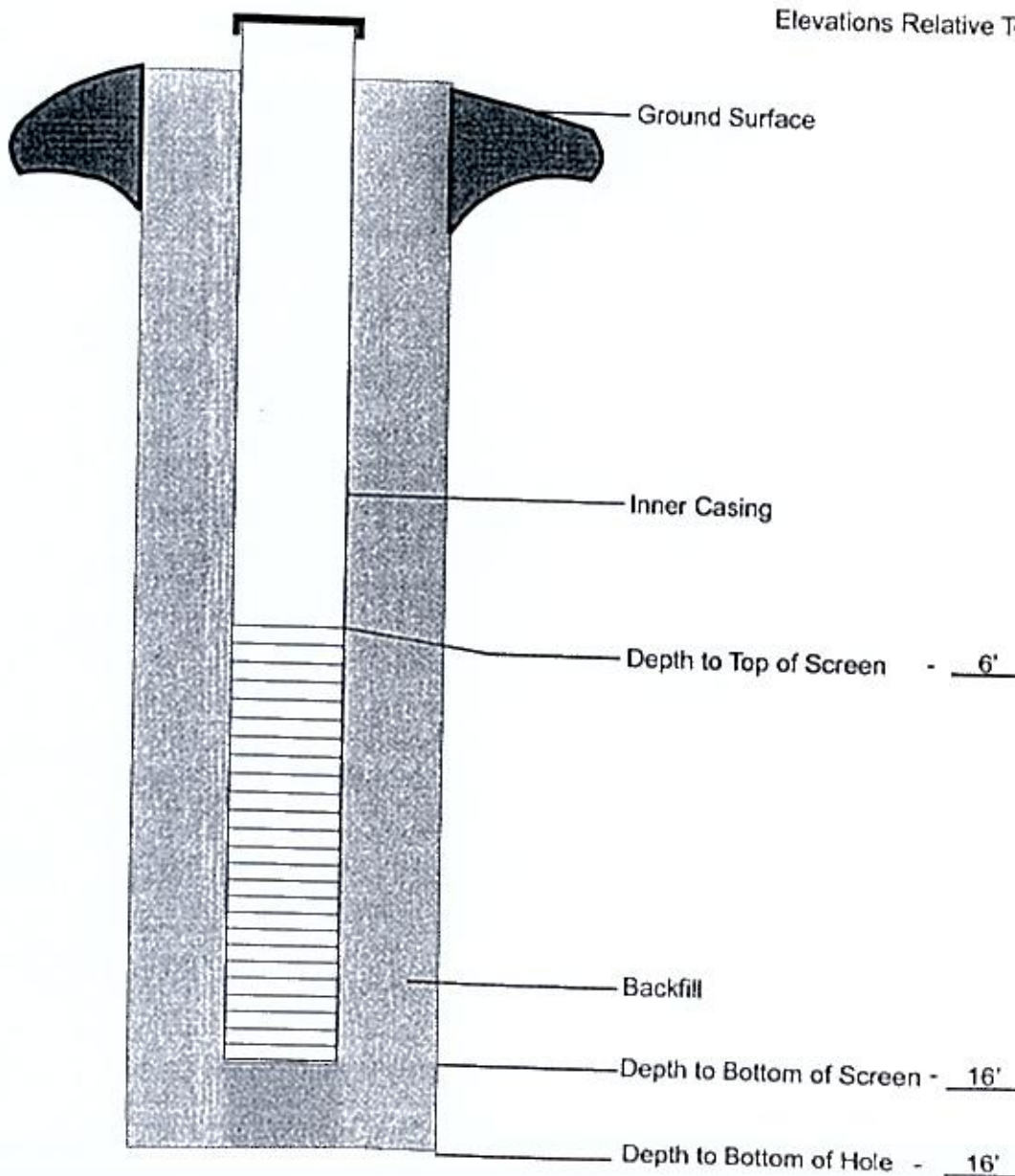
Geologist: B. Goodwin, C. Brown, S. LaRose

Well # GW-9

Site: Riley's Garage - Pawling

Date Start: 8-14-07

Date Finish: 8-15-07



Borehole Diameter	3.25"
Casing Diameter	0.75"
Casing Material	PVC
Filter Pack Type	#2 SAND
Screen Type	10-SLOT PVC



CONRAD GEOSCIENCE CORP.

Temporary Well Construction Diagram

Project # RP060080

Driller: Syska

Drilling Method: Geoprobe - Direct Push

Drilling Fluid: None

Location/Coordinates: _____

Depth of Casing (BLS): _____

Depth of Ground Surface: _____

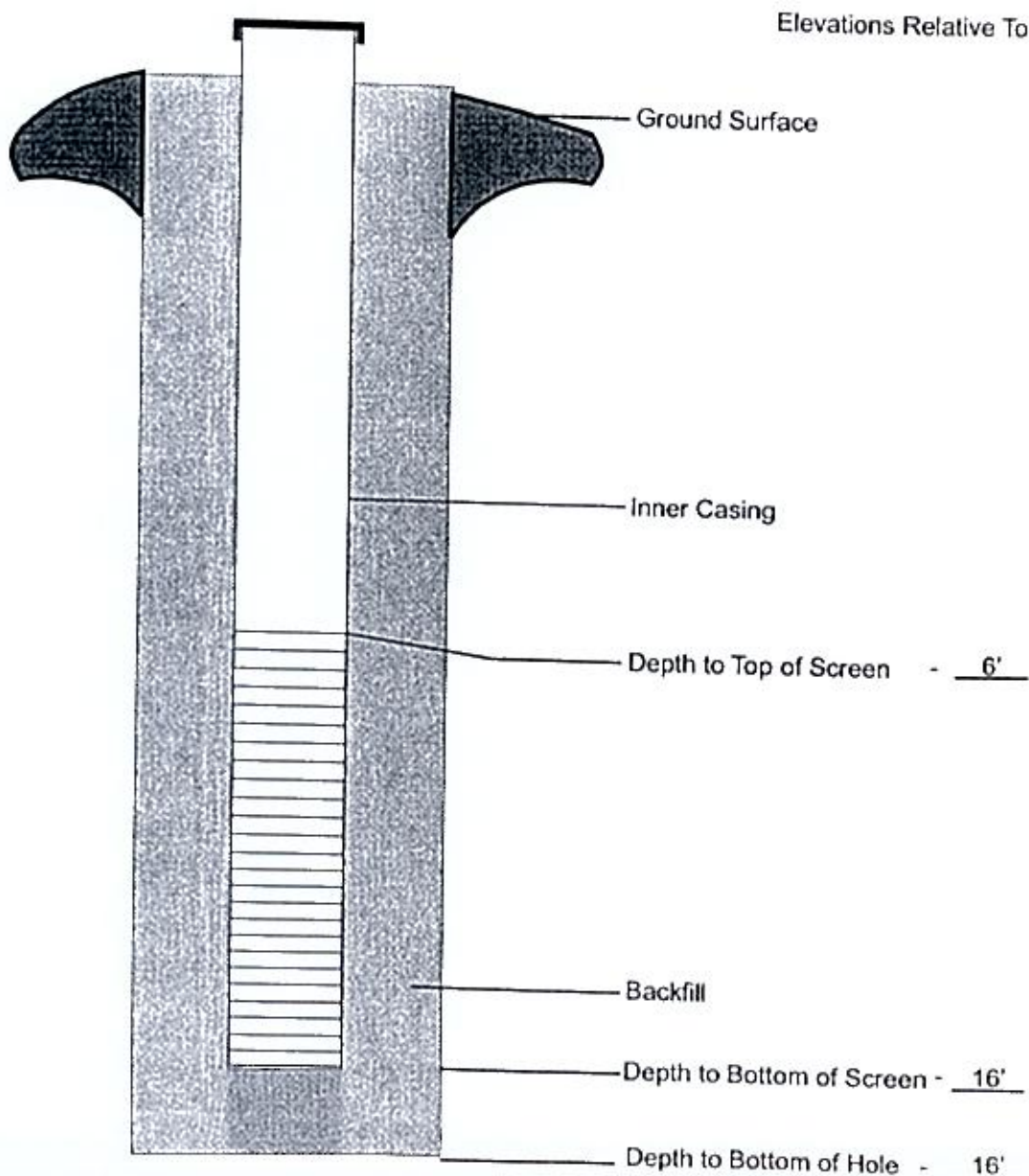
Geologist: B. Goodwin, C. Brown, S. LaRose

Well # GW-10

Site: Riley's Garage - Pawling

Date Start: 8-14-07

Date Finish: 8-15-07



Borehole Diameter	3.25"
Casing Diameter	0.75"
Casing Material	PVC
Filter Pack Type	#2 SAND
Screen Type	10-SLOT PVC

Appendix C

ENVIRO WASTE OIL RECOVERY, LLC

279 Route 6 • P.O. Box 747

Mahopac, NY 10541

Ph: (845) 279-0263

Fax: (845) 621-3075

Enviro Waste

Oil Recovery Specialists

1-866-WASTE-OIL

Sales Order Picking List

Sales Order Number: 49393

Sales Order Date: 7/16/07

Page:

133

SOLD TO:

CONRAD GEOSCIENCE CORP
8 RAYMOND AVENUE
POUGHKEEPSIE, NY 12603

Bob B

SHIP TO:

CONRAD GEOSCIENCE CORP
33 EAST MAIN STREET
PAWLING, NY 12564
CHRIS
914-475-2650

7/16/07

CUSTOMER ID	PO NUMBER	SALES REP NAME
CUSTOMER CONTACT	SHIPPING METHOD	DT
		PAYMENT TERMS
		COD

DESIGNATED FACILITY ENVIRO WASTE OIL RECOVERY, LLC.

STATE ID NO _____

ADDRESS 279 ROUTE 6, MAHOPAC, N.Y. 10541

USA EPA ID NO NYD044825636

QUANTITY	ITEM	DESCRIPTION	UNIT COST	TOTAL
1	746	Vac Service Gasoline		
410	748	VACUUM SERVICE		
65	731	VACUUM TRUCK HOURLY RATE		
	737	USED OIL DISPOSAL-N/C		
	750	GASOLINE TANK BOTTOMS & WATER TRANSPORTATION GAS		
		SUBTOTAL		
	B	RECOVERY FEE (9%)		
		VAC OUT ON MONDAY JULY 16TH @ 8:00AM..... VAC OUT 2- 1000 GALLON TANKS OF GAS..... GET CHECK ON SITE..... PUTNAM COUNTY SALES TAX		
		\$595.27		
			PAID CK	#10988

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION. INVOICES REFLECTING CHARGES ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OR 1-1/2% PER MONTH (18% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, ENVIRO WASTE SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES. INITIAL: _____

USEPA TRANSPORTER ID NO <u>NYD044825636</u>	GENERATOR USEPA ID NO	GENERATOR STATE ID NO	EMERGENCY'S (666) 977-8301	\$
--	-----------------------	-----------------------	----------------------------	----

US DOT DESCRIPTION	CONTAINER NO.	TYPE	TOTAL QUANTITY	UNIT WT/VOL.
USED OIL, NONREGULATED, (NOT US D.O.T. HAZARDOUS MATERIALS)	1	TT	410	G
PETROLEUM CONTAMINATED WATER, NON D.O.T. NON R.C.R.A.	1	TC	65	G
USED ANTIFREEZE, NON REGULATED, (NOT US D.O.T. HAZARDOUS MATERIAL)				

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED ENVIRO WASTE HEREUNDER HAVE NOT BEEN MIXED, CONDRIED, OR OTHERWISE BLENDED IN ANY QUANTITY WITH MATERIALS CONTAINING POLYCHLORINATED BIPHENYLS (PCB) OR ANY OTHER MATERIAL DEFINED AS HAZARDOUS WASTE UNDER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO 40 CFR PART 261. GENERATOR AGREES TO INDEMNIFY AND HOLD ENVIRO WASTE HARMLESS FOR ANY DAMAGES, COSTS, ATTORNEY'S FEES, ETC. ARISING OUT OF OR IN ANY WAY RELATED TO A BREACH OF THE ABOVE WARRANTY BY THE GENERATOR.

ENVIRO WASTE, ITS AGENTS AND CONTRACTORS HAVE THE CAPACITY AND ARE AUTHORIZED AND PERMITTED IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS, TO TRANSPORT, ACCEPT, STORE, RECLAIM OR AND/OR DISPOSE OF THE WASTE LISTED ON THIS DOCUMENT.

GENERATOR CERTIFIES THAT THE WASTE IS: USED OIL USED ANTI-FREEZE OILY WATER OTHER _____

0 TO 220 LBS/MONTH	INITIALS
220 LBS TO 2,200 LBS/MONTH	INITIALS
GREATER THAN 2,200 LBS/MONTH	INITIALS

PRINT NAME John H. B. Jr. TITLE _____ DATE 7/16/07
GENERATOR/CUSTOMER

DEXSIL CDT TEST RESULTS
PPM _____



**936 Route 6
Mahopac, NY 10541**

**NYSDEC # 3A491
EPA # 000047506**

Phone 845-628-3610

Fax 845-628-3591

E-mail Info@dutchessenviro.com

Website www.dutchessenviro.com

Invoice

Bill To

Kelly Liffland
21 West Main St.
Pawling, NY 12564

PAID

Date Terms Invoice #

4/15/2008 Net 15 5019

Job Location / Spill Number

33 East Main St.
Pawling, NY

Quantity	Description	Rate	Amount
1	Removal of two fuel oil tanks as per contract.	2,608.00	2,608.00T
	Work performed 1:15-3:00		
1	Vac-truck with Operator	150.00	150.00T
210	Contaminated Water Disposal (gal.)	0.75	157.50T
1	Bio-Solve Neutralizing Agent (gallon)	85.00	85.00T
1	Disposal of a new tank 1000/1500	200.00	200.00T
2.5	Laborer (hourly)	52.00	130.00T

Subtotal \$3,330.50

Sales Tax (8.125%) \$270.60

Total \$3,601.10

Payments/Credits \$-3,601.10

Balance Due \$0.00

Payment is due upon receipt.
A monthly charge at an annual rate of 18% will be applied to the balance due after 15 days.

We "Tank You" Very Much !!



**936 Route 6
Mahopac, NY 10541**

**NYSDEC # 3A491
EPA # 000047506**

Phone 845-628-3610

Fax 845-628-3591

E-mail Info@dutchessenviro.com

Website www.dutchessenviro.com

Invoice

Bill To

Kelly Liffland
21 West Main St.
Pawling, NY 12564

PAID

Date	Terms	Invoice #
4/18/2008	Net 15	5027

Job Location / Spill Number

33 East Main St.
Pawling, NY

Quantity	Description	Rate	Amount
1	Tank cleaning and disposal of a 1000 gallon tank found onsite.	995.00	995.00T
180	Contaminated Water Disposal (gal.)	0.75	135.00T

Subtotal \$1,130.00

Sales Tax (8.125%) \$91.81

Total \$1,221.81

Payments/Credits \$-1,221.81

Balance Due \$0.00

Payment is due upon receipt.
A monthly charge at an annual rate of 18% will be applied to the balance due after 15 days.

We "Tank You" Very Much !!

279 Route 6 • P.O. Box 747
 Mahopac, NY 10541
 Ph: (845) 279-0263
 Fax: (845) 621-3075



STANDARD
 COLLECTION
 ORDER FORM

022594

NAME: _____ DATE: 4/16/08

GENERATOR/LOCATION

BILL TO (IF DIFFERENT FROM LOCATION)

NAME: RESIDENT
 INFORMATION ATTENTION LINE: _____
 DELIVERY ADDRESS: 55 EAST PINE
 CITY: RAMAPO STATE: NY ZIP: _____
 PHONE NUMBER: _____ PURCHASE ORDER NUMBER: _____
 TIME IN: _____ TIME OUT: _____

NAME: BUSINESS
 INFORMATION ATTENTION LINE: _____
 DELIVERY ADDRESS: _____
 CITY: _____ STATE: _____ ZIP: _____
 PHONE NUMBER: _____ PURCHASE ORDER NUMBER: _____
 MANIFEST NUMBER: _____

DESIGNATED FACILITY: ENVIROWASTE
 ADDRESS: _____

STATE ID NO: _____
 USA EPA ID NO: MD041805636

SALES CODE	DESCRIPTION	QUANTITY	UNIT PRICE	LINE TOTAL
721	USED OIL REMOVAL			
713	ANTI-FREEZE REMOVAL			
700	OILY WATER DISPOSAL	<u>210</u>		
742	SLUDGE DISPOSAL	<u>60</u>		
782	DRUM DISPOSAL			
800	PAD & BROOM REMOVAL			
783	OIL FILTER REMOVAL			
810	PARTS WASHER SERVICE			
746	VACUUM SERVICE	<u>1</u>		
760	TRUCK HOURLY RATE	<u>1</u>		
750	TRANSPORTATION			
	<u>GASOLINE TANK EXTIONS + WATER</u>			
		<u>1.15</u>	<u>-3.00</u>	

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION. INVOICES REFLECTING CHARGES ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OR 1-1/2% PER MONTH (18% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, ENVIRO WASTE SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES.

INITIAL: LB
 \$ _____

USEPA TRANSPORTER 1 ID NO: NYD044825636 USEPA TRANSPORTER 2 ID NO: _____
 GENERATOR USEPA ID NO: _____ GENERATOR STATE ID NO: _____
 IN THE EVENT OF AN EMERGENCY CALL: (866) 927-8364

US DOT DESCRIPTION	CONTAINERS NO.	TYPE	TOTAL QUANTITY	UNIT WT/OL
<u>PETROLEUM CONTAMINATED WATER FROM RAMP DOT</u>	<u>177</u>		<u>210</u>	<u>G</u>
<u>PETROLEUM CONTAMINATED SLUDGE FROM RAMP DOT</u>	<u>177</u>		<u>60</u>	<u>G</u>

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED ENVIRO WASTE HEREUNDER HAVE NOT BEEN MIXED, COMBINED, OR OTHERWISE BLENDED IN ANY QUANTITY WITH MATERIALS CONTAINING POLYCHLORINATED BIPHENYLS (PCB) OR ANY OTHER MATERIAL DEFINED AS HAZARDOUS WASTE UNDER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO 40 CFR PART 261. GENERATOR AGREES TO INDEMNIFY AND HOLD ENVIRO WASTE HARMLESS FOR ANY DAMAGES, COSTS, ATTORNEY'S FEES, ETC. ARISING OUT OF OR IN ANY WAY RELATED TO A BREACH OF THE ABOVE WARRANTY BY THE GENERATOR.

ENVIRO WASTE, ITS AGENTS AND CONTRACTORS HAVE THE CAPACITY AND ARE AUTHORIZED AND PERMITTED IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS, TO TRANSPORT, ACCEPT, STORE, RECLAIM OR AND/OR DISPOSE OF THE WASTE LISTED ON THIS DOCUMENT.

GENERATOR CERTIFIES THAT THE WASTE IS: USED OIL USED ANTI-FREEZE OILY WATER OTHER SLUDGE

PRINT NAME: Lt. Shina Baker TITLE: _____ DATE: 4/16/08
 SIGNATURE: [Signature] DATE: 4/16/08
 GENERATOR/CUSTOMER

DEXSIL CDT TEST RESULTS
 PPM: 1000

I CERTIFY THAT MY TOTAL WASTE STREAMS ARE WITHIN ONE OF THE FOLLOWING CATEGORIES:
 0 TO 220 LBS/MONTH
[Signature]
 INITIALS
 220 LBS TO 2,200 LBS/MONTH

 INITIALS
 GREATER THAN 2,200 LBS/MONTH

 INITIALS

New York State Department of Environmental Conservation

Division of Environmental Remediation

Remedial Bureau C, 11th Floor

625 Broadway, Albany, New York 12233-7014

Phone: (518) 402-9662 • Fax: (518) 402-9679

Website: www.dec.ny.gov



Joe Martens
Commissioner

November 10, 2011

Kelly Liffland
Cornerstone Enterprises, Inc.
10 Liffland Lane
Pawling, NY 12564


RE: Cornerstone Enterprises
Site ID No. C314116
Village of Pawling, Dutchess County
Remedial Investigation Report

Dear Ms. Liffland:

The New York State Department of Environmental Conservation (Department) and the New York State Department of Health (NYSDOH) have reviewed the draft Remedial Investigation Report (RI Report) dated October 2011 for the above referenced site, which was prepared by Greenstar Environmental Solutions LLC on behalf of the Cornerstone Enterprises, LLC. The Department notes the following:

- The name of the site should be referred to as “Cornerstone Enterprises” not “Riley’s Garage” and the BCP site number C314116 should be added. Please fix these and any other instances.
 - Cover Page
 - Section 1.0 Introduction
 - Section 1.2 Site Location
- In accordance with DER-10, Technical Guidance for Site Investigation and Remediation, the Report must be certified by a Qualified Environmental Professional (QEP). The following certification must be included on the title page of all submissions of the document and must be fully executed when a submission of the document is made for approval: “I ___ certify that I am currently a Qualified Environmental Professional (QEP) as defined in 6 NYCRR Part 375 and that this Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modification.”



- 
- The RI report needs to be revised to be a comprehensive report documenting all activities including the work completed in 2007 and 2008. The Report should include sampling locations and results from the previous investigations for current site conditions (i.e., remaining on-site soil). The groundwater results from the previous investigations for the remaining wells (i.e., GW-1, GW-9 & GW-10) should also be documented. The RI report should also incorporate the Department's April 13, 2010 comments on the June 2008 RI/IRM Report.

 - Section 2.0 Site History:
 - Please identify the surface water classification and existing use designations of the stream located along the eastern side of the site in the second paragraph.
 - In the second bullet on page 4, please add that the nearest private well is also not downgradient of the site and is not expected to be impacted by the site.
 - The third bullet on page 4, which references the June 2008 Draft RI & IRM Report prepared by Conrad Geoscience should be deleted. Sampling locations, limits of remediation and results of confirmatory samples of the 2007 RI and 2008 IRM should be discussed in detail. See previous comment regarding a comprehensive report.
 - The fourth bullet on page 4 should be revised to read "The NYSDEC requested that additional investigation be performed to successfully complete the RI and fully delineate the nature and extent of contamination on-site."
 - The last sentence of the last bullet on page 4 should be revised to read "This RI Report summarizes, in a single comprehensive document, the results of the above investigation activities."

 - Section 3.1 Objectives: In the first bullet please change "identity" to "identify".

 - Section 3.2 NYSDEC Standards Used for Comparison: In the first sentence please change "Restoration" to "DER".

 - Section 4.1 Soil and Fill Samples:
 - The depths that the soil and fill samples were collected from should be provided in this section.
 - Please delete "taken" from the first sentence of the second paragraph.
 - In the second sentence of the sixth paragraph please delete "a" between "in" and "some".

- Section 4.2 Monitoring Well Installation, Sampling and Gauging:
 - Well construction details for the wells installed in August 2007 that still remain on site (i.e., GW-1, GW-9 and GW-10) should be provided in Appendix A and referenced in this section.
 - Monitoring well GW-10 is not located upgradient of the site; please revise to state side gradient of the UST excavation area.
 - Monitoring wells GW-9 and MW-6 are located on the southwest and southern property boundary, respectively
- Section 4.3 Sediment Sampling: The last bullet in this section needs to be reworded as the upgradient sediment sample STS-4 showed no detection of nickel and Riley's Garage also used to do auto repair.
- Section 6.0 Human Health Exposure Assessment: In the first sentence of the second sentence please delete "of" between "use" and "on".
- The RI Report should not recommend No Further Action. Please delete these and any other instances.
 - Section 7.0 Conclusions and Recommendations: Soil and Fill: Last Bullet.
 - Section 7.0 Conclusions and Recommendations: Groundwater: Last Bullet.
 - Section 7.0 Conclusions and Recommendations: Sediment: Last Bullet.

The Alternative Analysis/Remedial Work Plan will determine appropriate remedial actions for the site by evaluating a Track 1 (unrestricted) and Track 4 (site specific use based cleanup). The Track 4 alternative should evaluate institutional controls (i.e., environmental easement), a sub-slab depressurization system and a cover system. The Department is available for a conference call to further discuss the Alternative Analysis/Remedial Work Plan if desired.

- Section 8.0 Fish and Wildlife Impact Analysis: Please delete the last sentence from this section.
- The RI Report should be reorganized so that the Fish and Wildlife Impact Analysis Section is presented before the Conclusions and Recommendations Section.
- The Figures provided with the report need to be updated to include the previous sample locations and soil/groundwater results, as appropriate. See previous comment regarding a comprehensive report.

- Figure 6 Groundwater Results above AWQS: Please correct the label for MW-6 which appears as SB-6 on this figure.
- Table 2 Soil Sample Results: The depths at which the soil samples were collected should be provided in the table.
- Table 5 Groundwater Elevations: In Note 3 please correct the typo “Gauing” to “gauging”.
- Table 7 Human Health Exposure Assessment:
 - Please remove the word “surface” before groundwater in both the ingestion of groundwater and direct contact with groundwater sections, or change it to read surface or groundwater.
 - In the first bullet in the other section please delete “Exposure routes to surface water or stream sediment will be restricted”.
- Tables should be provided, which summarize the results of the previous investigations conducted at the site. See previous comment regarding a comprehensive report.
- Stratigraphic cross sections of the site should be created using the information gathered from the soil borings, monitoring wells and historic information and included in the RI Report.
- Appendix A Boring Logs and Well Construction Forms: Appendix A should be updated to include the boring logs and well construction forms for the work completed in 2007 and 2008, as appropriate.

For these reasons, the RI Report is disapproved. Please make the necessary revisions and submit the revised RI Report to the Department and NYSDOH.

Following the approval of the RI Report the following is the sequence of activities leading to the Certificate of Completion (COC) for the site.

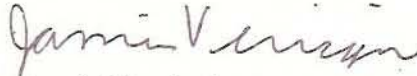
- Alternative Analysis/Remedial Work Plan (as discussed above);
- Proposed Decision Document (issued by the Department) and public comment period;
- Environmental Easement;
- Site Management Plan (SMP); and
- Final Engineering Report (FER)

Also, please note that in an effort to move the project forward the Department hereby accepts the June 2008 Interim Remedial Measure (IRM) Report, prepared by Conrad Geoscience along with the August 5, 2011 correspondence, prepared by Zarecki & associates, which provides the additional information as requested by the Department in the April 13, 2011 correspondence, as

the Construction Completion Report (CCR) for the IRMs (i.e., tank and soil removal work) completed at the site in 2008.

If you have any questions or comments please feel free to contact me at (518) 402 – 9662.

Sincerely,



Jamie Verrigni
Project Manager
Remedial Bureau C
Division of Environmental Remediation

cc: G. Heitzman
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Appendix F

**Electronic Copy of Final Engineers Report
(on Attached CD)**