ALPHA
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Geology
Hydrology
Remediation
Water Supply

January 11, 2008

Mr. Brian Jankauskas, Project Manager
Division of Environmental Remediation
NYSDEC Central Office
625 Broadway
Albany, New York 12233

Re: Submittal of Technical Data and Information
Former Camarota Cleaners
327 Park Avenue, Mechanicville, New York

Dear Mr. Jankauskas:

This letter transmits the technical data, photographs, and information collected on behalf of Royal R. Dyer Construction Co. Inc. (Dyer Construction) for the former Camarota Cleaners property (site) in Mechanicville. We understand that through mutual agreement, NYSDEC will perform future work that is required at this site.

The attached documents summarize the work performed by Alpha Geoscience (Alpha) and include the revised Work Plan dated April 11, 2007, for your convenience. The attachments contain the data and information necessary to provide a technical understanding of the work by Dyer Construction to implement reasonable measures to stop the continuing release of soil vapors off site, to prevent or limit the potential future release of vapors, and prevent or limit human and environmental exposure to the dry-cleaning substances that were previously released by others, per the Work Plan.

The work included installing and sampling four permanent ground water monitoring wells, installing hybrid poplar trees surrounding three sides of the property to promote phytoremediation, excavating and removing a previously unknown, abandoned underground storage tank (UST), and installing a sub-slab depressurization system within the former Camarota Cleaners building.

The following attachments are provided:

Attachment 1: Work Plan for Supplemental Characterization and Interim Remedial Measures
Prepared by Alpha Geoscience, April 11, 2007

Attachment 2: Geological and Ground Water Data
Monitoring Well Location Layout, Geologic Logs, Well Completion Diagrams, Organic Vapor Screening Logs, Table of Ground Water Quality Results, Table of Ground Water Level Elevations and Survey Data, and Laboratory Reports

Attachment 3: Email Correspondence between Alpha and Ecolotree
Regarding Technical Issues and Implementing Phytoremediation

Attachment 4: Data Collected During Excavating and Planting for Phytoremediation
Figure of Final Planting Layout, Soil Analyses for Characterizing Agronomy Parameters, and Organic Vapor Logs from Soil Monitoring During Excavating

Attachment 5: Documentation for Soil Disposition from Phytoremediation Excavating
Letter from NYSDEC Determining Excess Soil to be Used Onsite, Alpha's Submittal to NYSDEC Containing the Description, Laboratory Reports, Data Validation Summaries, Data Usability Summary Reports, and Flagged Data

Attachment 6: Documentation for the Removal of an Underground Fuel Oil Storage Tank
Organic Vapor Screening Log for UST Site Assessment, Laboratory Report for UST Soil Sample, Contractor's Disposal Documentation for Liquids, Tank Bottoms, and Scrap Metal

Attachment 7: Email Correspondence to/from Alpha Related to Technical Issues and Progress

Attachment 8: Summary Report from Alpine Environmental Services, Inc.,
for Installing the Sub-Slab Depressurization System Inside the Building

Enclosed CD: Site photographs taken while excavating test pits, drilling and installing monitoring wells, excavating for phytoremediation, and progress photos of phytoremediation from May through September 2007.

Please note that the April 2007 Work Plan was implemented with the following modifications:

1. One initial ground water sampling event was performed at the four well locations.
2. A sub-slab soil vapor sample was not collected beneath the building floor.
3. The smaller "whip" trees were not planted due to space limitations.
4. The excess, excavated soil was tested and handled as described in Attachment 5.

If you have questions regarding these documents, please contact me at telephone 518-348-6995, or email address jneubeck@alphageoscience.com.

Sincerely,
Alpha Geoscience

Jean M. Neubeck
Hydrogeologist

JMN:bms

cc: Royal R. Dyer Construction, Inc., c/o Dorine Dyer
Kevin M. Young, Esq., without attachments

Z:\projects\2007\07100 - 07120\07108 - Camarota Cleaners\letters, correp\2008-1-11 submit all tech. data to DEC.doc

Attachment 1: Work Plan for Supplemental Characterization and Interim Remedial Measures

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April 10, 2007

Mr. Brian Jankauskas, Project Manager
Division of Environmental Remediation
NYSDEC Central Office
625 Broadway
Albany, New York 12233

Re: Work Plan for Soil Vapor and Ground Water Remediation
Former Camarota Cleaners
327 Park Avenue, Mechanicville, New York

Dear Mr. Jankauskas:

Thank you for meeting with us on March 21, 2007, regarding the conceptual plan that Alpha Geoscience (Alpha) submitted to address the soil vapor concerns identified by the NYSDEC and NYSDOH at the Former Camarota Cleaners, 327 Park Avenue, Mechanicville, New York (site). Alpha's conceptual plan dated March 21, 2007 provided site background information and an outline for performing a Supplemental Site Characterization (SSC) and Interim Remedial Measure (IRM) on site.

This letter is a follow up to our meeting and presents the enclosed Work Plan to be implemented by Royal R. Dyer Construction Co. Inc. (Dyer Construction) to remediate on-site ground water and soil vapor. The Work Plan is modified from the conceptual plan, and is based on the historical site characterization data collected on behalf of the City of Mechanicville (former site owner), and the NYSDEC in 2006, which was summarized by others and reviewed by Alpha.

If you have questions regarding this Work Plan, please contact me at telephone 518-348-6995, or email address jneubeck@alphageoscience.com. Thank you.

Sincerely,
Alpha Geoscience

Jean M. Neubeck
Hydrogeologist

JMN:bms

cc: Royal R. Dyer Construction Co., Inc., c/o Dorine Dyer
Kevin M. Young, Esq.
Michael D. DiFabio, Esq.
Gary Litwin, NYSDOH, BEEI
Christopher H. Horan, NYSDEC, DEE

Z:\projects\2007\07100-07120\07108 - Camarota Cleaners\letters\2007-4-10 cover ltr to Work Plan.doc

WORK PLAN FOR SUPPLEMENTAL SITE CHARACTERIZATION AND INTERIM REMEDIAL MEASURES

Former Camarota Cleaners
327 Park Avenue
Mechanicville, New York 12118

Prepared for:

Royal R. Dyer Construction Co., Inc.
159 South Pearl Street
Mechanicville, New York 12118

April 11, 2007

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Work Plan for Supplemental Site Characterization and Interim Remedial Measures

Former Camarota Cleaners
327 Park Avenue
Mechanicville, New York 12118

Prepared for:

Royal R. Dyer Construction Co., Inc.
159 South Pearl Street
Mechanicville, New York 12118

Prepared by:

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065

April 11, 2007

TABLE OF CONTENTS

1.0 INTRODUCTION AND GOALS

This Work Plan was prepared on behalf of the current property owner to describe the Supplemental Site Characterization (SSC) and Interim Remedial Measures (IRMs) to be implemented at the former Camarota Dry Cleaners site, 327 Park Avenue, Mechanicville, New York. The goals of this Work Plan are to provide and implement reasonable measures to stop the continuing release of soil vapors off site, to prevent or limit the potential future release of vapors, and prevent or limit human and environmental exposure to the dry-cleaning substances that were previously released by others. The target compounds of concern are tetrachloroethene (PCE) and trichloroethene (TCE) vapors in the unsaturated soil (vadose zone) and low concentrations of PCE and TCE in the shallow ground water.

The Work Plan goals will be achieved by installing a sub-slab depressurization system (SSDS) and planting hybrid poplar trees (phytoremediation) on-site. It is anticipated that the SSDS will prevent or limit existing and future soil vapor intrusion in the building area, and that the poplar trees will prevent or limit the future migration of impacted ground water and remediate the low levels of dissolved chlorinated solvents that are the source of the soil vapors.

2.0 SUPPLEMENTAL SITE CHARACATERIZATION

This SSC includes installing four ground water monitoring wells within the saturated soil. The wells will be installed near the site boundaries to monitor trends in ground water quality and measure water levels to interpret ground water flow in the saturated soil. Figure 1 shows the locations of the ground water wells, which may be modified, based on the location of utilities.

2.1 Drilling, Soil Screening, and Monitoring Well Installation

A "geoprobe", direct-push drilling unit will be used to advance soil borings to refusal, estimated at 10 to 12 feet below ground surface (bgs) based on the previous investigations by others. Soil core samples will be collected continuously and examined by an onsite geologist or hydrogeologist, who will prepare a geologic log to describe and record each soil boring.

The monitoring wells will be constructed of 1-inch diameter, threaded joint, Schedule 40 PVC pipe with a maximum of ten feet of 10-slot well screen. The length of the well screen may be less than 10 feet to accommodate the standpipe and bentonite seal above the screen, depending on the total boring depth. The annular space will be filled with an appropriate sand pack. A hydrated, bentonite seal will be installed above the sand pack, and the remainder of the borehole annular space will be grouted to the surface with a cement-bentonite mixture. A flush-mounted, steel, protective casing will be cemented over each well for protection.

The results of soil analyses from previous investigations indicate that site soil quality is within the NYSDEC criteria for the compounds of concern; therefore, the small volume of soil that is generated from each boring will be spread at the surface next to the respective well location.

An experienced geologist or hydrogeologist will supervise the drilling and monitoring well installations, and will record the soil and ground water observations, PID screening results, and monitoring well constructions.

2.2 Monitoring Well Development

The new monitoring wells will be developed to, 1) reduce residual silts and clays, thereby reducing turbidity during sampling that could potentially interfere with chemical analysis; and, 2) increase the hydraulic communication between the saturated zone and the well and improve the well yield. Well development will be accomplished manually by using a dedicated, disposable, bailer or dedicated "WaTerra" tubing to evacuate the well casings. Well development will continue until at least five wells volumes are removed, or the turbidity is visually reduced. Water generated during well development will be allowed to seep into the ground surface at each respective well location, due to the small volume of ground water within the one-inch diameter well casings (0.04 gallons per foot).

2.3 Ground Water Sampling and Analysis

Appendix A contains the protocol for collecting ground water samples for analysis of volatile organic compounds (VOCs). Samples will be analyzed by a NYSDOH-approved laboratory for VOCs using EPA Method 8260. The laboratory will report the full list of 8260 volatiles for the initial sampling event. Ground water samples collected thereafter will be analyzed for chlorinated VOCs. Laboratory reports will be provided for all analyses; however, laboratory data packages will not be requested and data validation will not be performed until the analyses indicate that concentrations of compounds of concern are at or below the NYSDEC standards. The monitoring plan for the Interim Remedial Measure contains a schedule to monitor ground water.

2.4 Surveying and Locations of Monitoring Wells

The locations of the monitoring wells will be field-surveyed by measuring and recording the distances from the well to fixed structures, such as building corners. The well locations will be shown on a scaled map that is based on the survey that was prepared by a NYS-licensed land surveyor in 2001 (Appendix B).

The monitoring wells will be surveyed by Alpha relative to an arbitrary datum established on site to establish the relative top-of-casing elevations. The elevation of each well will be measured to the nearest 0.01 foot. The top-of-casing elevations will be used with the depth to water measurements to calculate relative ground water elevations. The data will be used to prepare a contour map that represents pre-remedial (pre-IRM) ground water conditions.

3.0 INTERIM REMEDIAL MEASURES

The IRM will focus on hydraulic control of ground water flow and remediating shallow ground water to remove the source of soil vapors, thereby preventing potential, future, vapor intrusion and potential migration issues. Existing soil vapor intrusion will be controlled or eliminated by extracting soil vapors beneath the building using a sub-slab depressurization system. A

phytoremediation component will control ground water migration, and breakdown and remove volatile organic compounds from shallow ground water along the site boundaries.

The conceptual IRM presented in March 2007 included a soil vapor extraction system surrounding the building and a small phytoremediation buffer. The IRM described herein is modified from the conceptual plan and includes an on-site SSDS and an increased scale of phytoremediation.

The modified IRM is based on hydrogeologic conditions and site constraints recently evaluated by Alpha. The adjacent properties immediately surrounding the site are grass covered and represent leakage boundaries for subsurface air flow. The surface and subsurface conditions restrict the likely influence of any soil vapor extraction system to the former Camarota site, and preclude installing an SVE system that would be effective off site without extensive modification to adjacent private and public properties.

In addition, the geologic data collected by others indicates a high water table and soil that contains appreciable silt and/or clay. Underground utilities include sanitary sewer, water, and electric services entering the property along the west and south sides of the building. A subsurface, natural gas line runs north-south, near the eastern property boundary (Figure 1). The utilities may provide preferential pathways for air flow.

3.1 Sub-Slab Depressurization System

The property dimensions are small (100 feet in length and 50 feet in width), and the approximately 2000 square-foot building covers much of the surface. The site building is currently, and is expected to remain, unoccupied. Modifications to the system described herein may be necessary should the building become occupied before soil vapor concentrations beneath the slab decrease to acceptable levels.

A sub-slab depressurization system will be designed and installed on-site by a NYS-licensed, professional engineer, to extract existing vapors and remove future soil vapors that migrate and collect beneath the building. The engineer/contractor will design and install the sub-slab system in general accordance with the criteria established by the USEPA (December 4, 2002 [Folkes]), and the recent NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH Guidance). The general SSDS described herein was prepared by Alpine Environmental Services, Inc. (Alpine), and is summarized by Alpha for this Work Plan. Alpine will prepare an "as-built" diagram to document the SSDS installation and describe deviations from standard construction practice, if any.

The system design will include installing a main trunk (pipe) in the building interior. The trunk line will penetrate the concrete slab floor and will exit the indoor space near the ceiling, where a fan will be mounted. All suction lines will be constructed of PVC piping and fittings. A minimum of Schedule 20 pipe wall will be used, except Schedule 40 will be used in areas that are exposed to weather. All piping connections will be cemented, with the exception of the fan connection which will be secured with flexible PVC, screw tightened, couplings. Suction points will be sealed in the concrete floor with a floor flange, and sealed air tight with polyurethane caulk.

Horizontal pipe lengths will be pitched to the nearest inline suction hole at slopes that are based on the pipe diameter and designed air flow. Vertical piping to individual suction points will be constructed of PVC piping that is at least 2 inches in diameter. The individual lines will be fitted with damper(s) and/or ball valves for system balancing. The system exhaust will be located a minimum of 10 feet above grade, and away from any intakes or openings. A hanger will secure the horizontal pipe lengths, as needed.

The main trunk line will be fitted with a pressure sensor to maintain a real-time pressure measurement that will be recorded periodically during routine visits. A pressure sensor with a status indicator light will be installed on the system to identify if pressure drops below the set point.

Diagnostics are performed during and after the installation of each suction point, individually and following system completion. Test fans will be connected to the pipes that rise through the floor during the installation and diagnostics, and the static pressures of the fans are checked under actual operating conditions. The model of fan to be used will be verified/modified based on the field data collected.

Once the appropriate fan has been selected, the system will be balanced utilizing dampers/valves to control the pressure field extension (PFE). The PFE will be verified by drilling 3/8"-daimeter test holes, through the floor. A micro manometer will be used to verify negative pressure extension and adjust dampers/valves for a consistent PFE distribution. The test locations and results will be documented. Test holes will be sealed with polyurethane caulk when completed. System airflow and pressure will be checked in the trunk line following installation to verify the system is operating within the fan manufacturer's operating requirements. Additional suction points will be added, if necessary to meet the manufacturers operating requirements, or to achieve complete sub-slab depressurization based on the PFE results.

3.2 SSDS Monitoring

The SSDS will be monitored during periodic site visits. The building currently is vacant and the owner has no plans at this time to finish the interior space for occupancy; therefore, monitoring will include verifying that the fan is operating and checking the fan manometer to document that the system is operational. A sub-slab sample will not be collected until the field and laboratory data outside the building indicate that ground water is controlled or remediated. The sub-slab soil vapor sample will be collected in accordance with the NYSDOH Guidance.

The soil vapor sample will be submitted to York Laboratory, a New York State Department of Health (NYSDOH)-approved laboratory for analysis of volatile organic compounds by Method TO-15. The laboratory will report only the chlorinated VOCs that are associated with the historical dry cleaning operation.

3.3 Ground Water Remediation by Phytoremediation

Phytoremediation by hybrid poplar trees has been documented as an effective method to remediate chlorinated solvents in ground water. The ground water uptake by the tree roots and microbial activity in the root zone breaks down and removes the solvent compounds. The volume of water used by these species has been demonstrated to provide hydraulic control and reduce the potential for ground water migration. The site conditions are amenable to phytoremediation due to the high water table and relatively low levels of PCE and TCE in the ground water.

Hybrid poplars will be provided by Ecolotree® (Iowa) who also will provide support for soil analyses and planting. Hybrid poplars will be planted near the north, south, and east boundaries of the site by a NYS-certified landscaping contractor with technical assistance from Ecolotree®. It is anticipated that a mix of poplar hybrids DN24 and DN31 will be planted. These species are characteristically fast-growing and can survive the winter air temperatures encountered in this region. Ecolotree® anticipates that based on their experience, the trees will become established during the first growing season, and that the effects of hydraulic control and ground water remediation will be evident during subsequent seasons.

Approximately 30 to 34 trees will be planted six feet apart, in the approximate configuration shown on Figure 1. The trees will be 12 to 14 feet in height, including the roots. The roots of the poplars will be effective in the high water table and are expected to reach to the shallow bedrock. The trees also are expected to provide hydraulic control by locally lowering the ground water on site which will limit ground water migration. Approximately 30 additional poplar "whips" that are 5 to 7 feet in height will be planted between the larger trees. The whips will provide additional biomass to establish a buffer and may replace the larger trees that do not survive.

It is anticipated that the chlorinated solvents in the ground water will be remediated during biotransformation by the subsurface biomass and associated microbes established in the root zone. The closely spaced tree roots also control ground water flow by intercepting and

withdrawing the impacted ground water, limiting ground water flow and migration. The tree roots and biomass will enhance microbial activity in the root zone, and are expected to continue breaking down (de-chlorinating) the solvents to remediate ground water quality throughout the year, when the growing season is ended.

Ground water was encountered approximately 7 to 8 feet below grade. The trees and whips will be planted approximately six feet below grade, or as deep as practical. Dyer Construction will excavate the trenches for planting, and the landscaper will add compost and soil amendments to the base of the trench beneath each tree and whip, as recommended by the supplier and based on the initial soil profile testing by a laboratory that is experienced in agronomy testing. The trenches will be backfilled with excavated soil where possible.

The results of soil analyses from previous investigations indicates that site soil quality is within the NYSDEC criteria for the compounds of concern; however, excavated soil that cannot be returned to the trenches will be staged on plastic sheeting, if the soil registers greater than 5 ppm based on PID field-screening. The soil will be allowed to aerate on-site, and will be screened a second time within 30 days to confirm that the segregated soil registers less than 5 ppm. It is anticipated that the soil will be spread on-site, following aeration, if necessary.

4.0 GROUND WATER MONITORING FOR IRM PROGRESS

The four ground water monitoring wells will be sampled in spring 2007, and at the end of the growing season in late fall 2007. Ground water samples during the following two years will be collected in early spring and late fall, before and after the growing season. Annual sampling will be performed thereafter in the fall, or until ground water quality meets NYSDEC standards. Ground water monitoring during the remainder of the year will consist of measuring ground water levels and interpreting the data on a quarterly basis.

5.0 QUALITY ASSURANCE/QUALITY CONTROL

All routine laboratory samples collected for ground water and air quality analyses during the SSC, and for IRM monitoring, will be analyzed by a NYSDOH-ELAP-approved and ASP-certified laboratory for the specific analytical methods performed. Analytical results will not be validated independently until the results indicate that detected concentrations are at or below the applicable standards or criteria, and to support removing or modifying the remedial systems.

Confirmatory samples will be documented by laboratory data packages that will contain the results for batch matrix spike/matrix spike duplicates, method blanks, and blank spikes, as required by the laboratory-referenced protocol. Quantitation reports will be provided for each sample and laboratory standard, as required. A qualified and experienced data validator who is not associated with the laboratory will review the analyses and prepare a Data Usability Summary Report, when the results indicate that chlorinated volatile compounds are not detected or are detected at concentrations below the applicable standards or criteria.

6.0 PROJECT TEAM

The key project team members identified below are qualified and experienced in their respective disciplines. Additional information can be provided upon request.

Project Manager/On-Site Geologist: Jean M. Neubeck, Hydrogeologist, Alpha Geoscience, Clifton Park, New York

Project Advisor: Thomas M. Johnson, C.P.G., Hydrogeologist, Alpha Geoscience

Data Validator: Donald C. Anné, Environmental Chemist, Alpha Geoscience

Sub-Slab System Contractor: Alpine Environmental Services, Inc., Albany, NY; Mark W. Schnitzer, P.E. (NY No. 077506)

Phytoremediation Advisor and Supplier: Ecolotree®, North Liberty, Iowa; Louis Licht, Ph.D. (P.E. Agriculture and Environmental Engineering, Oregon No. 10822)

Landscaper: Surroundings Landscape & Design, Mechanicville, NY; David Mastropietro, NYS Certified Landscaper

Drilling Contractor: Aquifer Drilling & Testing, Inc., Troy, NY; NYS Registered Well Driller No. 10053

7.0 PROJECT STATUS AND SCHEDULE

7.1 SSC: Monitoring Wells

The drilling and installation of ground water wells is scheduled on April 17, 2007. It is anticipated that the initial ground water quality sampling event will be performed by middle May 2007.

7.2 IRM: Phytoremediation Planning and Soil Characterization

Two test pits were excavated on the south and west sides of the building on April 5, 2007, to observe soil stratigraphy and ground water conditions in the upper six to eight feet. Representative soil samples were collected from three horizons in each test pit, and were submitted to A&L Laboratory, Atlanta, Iowa, for soil analyses and texture related to agronomy characteristics. The results will be used to evaluate what soil amendments may be needed to promote tree growth and survival. It is anticipated that the phytoremediation component of the IRM will be implemented during late April through early May 2007. This schedule has very little flexibility because the trees must be planted by mid-May to establish a poplar buffer this growing season.

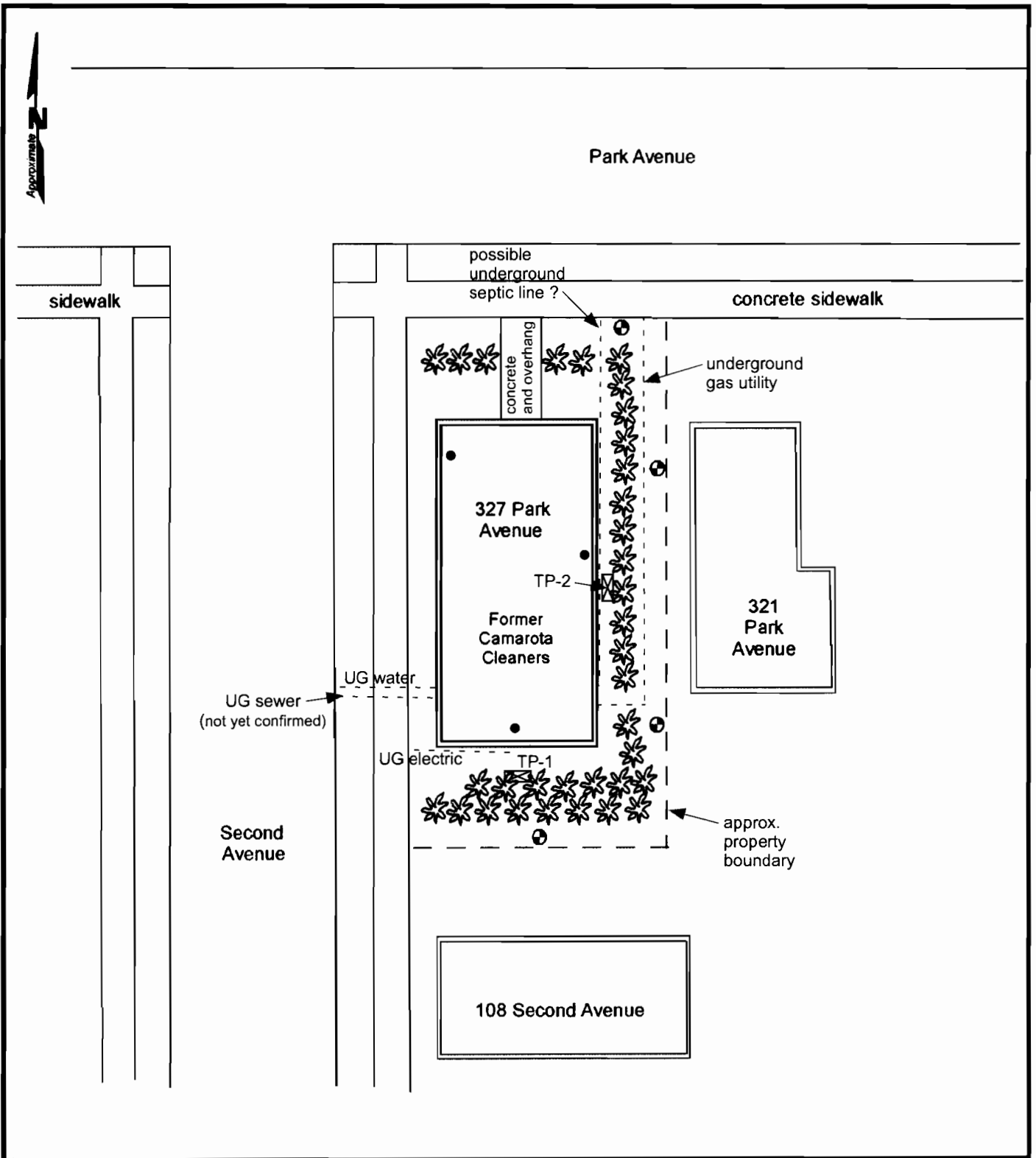
7.3 IRM: Sub-Slab Depressurization System

The installation date for the SSDS has not yet been scheduled; however, the engineer/contractor is prepared to initiate work with two weeks of authorization. It is anticipated that the system will be installed and active in May 2007. The NYSDEC will be notified in writing as soon as the IRM work is scheduled to install the SSDS and to initiate planting for phytoremediation.

8.0 REPORTING

Alpha will prepare and submit reports to document the supplemental site characterization results and IRM installations. A combined SSC and IRM summary report will be submitted due to the close scheduling of the SSC and IRM. An annual monitoring and status report also will be submitted at the end of each calendar year to summarize the remedial progress.

Z:\projects\2007\07100-07120\07108 - Camarota Cleaners\April 2007 Work Plan SSC and IRM.doc



LEGEND

- typical sub-slab extraction point (locations to be determined)
- test pit location
- ground water monitoring well
- hybrid poplar tree, with smaller whips (not shown)

0 10 20 40
Approximate Scale in Feet

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FIGURE 1
SITE LAYOUT AND INTERIM REMEDIAL MEASURES

Former Camarota Cleaners
327 Park Avenue

Alpha Project No. 07108

07108\Maps&Figures\Figure 1- Site layout & IRM

Based on Survey by F.J. Metzger, LLS, 2001, and Air Photo from Google Earth

APPENDIX A

Ground Water Sampling Protocol

Alpha Geoscience
Ground Water Sampling Protocol

1. Measure the depth to water and the depth to the bottom of the well. Calculate the volume of standing water in the well casing, based on the well diameter and measured height of the water column. Account for the diameter of the borehole and saturation of the sand pack when calculating the well volume within a geologic unit of low permeability such as silt or clay. Record the information on a Ground Water Sampling Record. Decontaminate the measuring device between each well, as necessary.

2. Perform well purging and sample collection starting at the least impacted location and progressing to increasing concentrations, if historical data is available. Purge three to five well volumes or until dry, using a dedicated disposable bailer, or clean dedicated tubing. If necessary to confirm that purging is complete, measurement pH, temperature, and specific conductivity during purging and/or sampling. Decontaminate the monitoring probes or instrumentation between each well use, as necessary. Record the purge start and stop time, and actual volume removed from well. Don new latex gloves for each well, or more frequently, as necessary. Use a clean ground cover of plastic at each well, if appropriate.

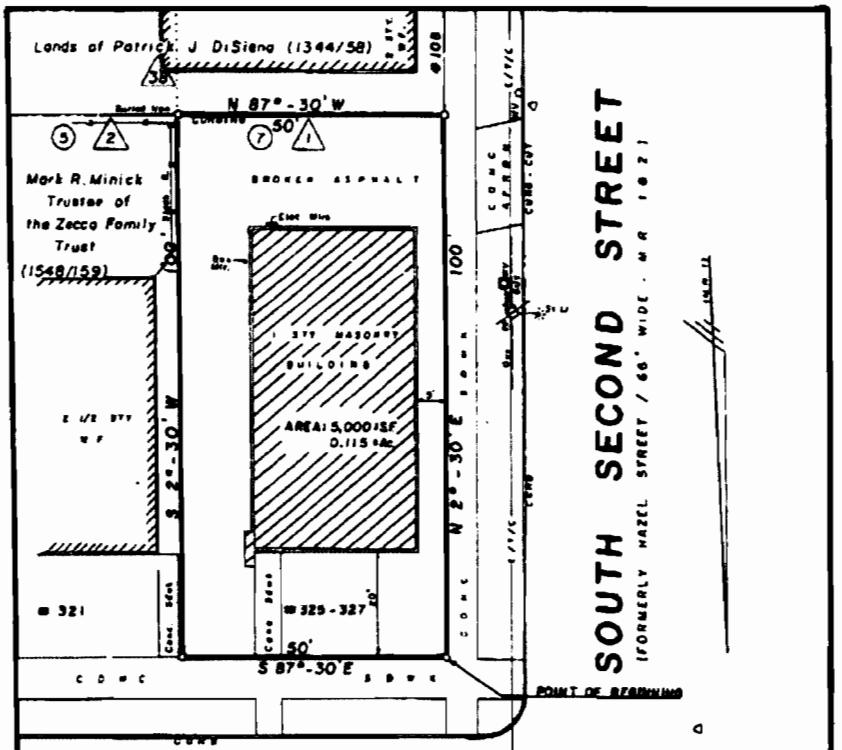
3. Allow the ground water level to recover to 90% of the original depth to water, or for a maximum of two (2) hours prior to sample collection. Document the condition(s) for sampling prior to 90% recovery, if necessary. Measure and record depth to water at the time of sampling.

4. Collect the water sample from the appropriate depth with as little agitation as possible, using the dedicated sampling equipment. Transfer the sample to a clean, laboratory-supplied container, with appropriate preservative, again minimizing agitation. For volatile samples, ensure that no air bubbles are present in the container. Record the sample time, description (i.e., color, turbidity, odor, sheen, etc.), and type of analysis required.

5. Immediately place labeled sample container(s) in a chilled cooler and keep properly preserved until delivery to the laboratory, or as required for the scheduled analysis. Complete the chain of custody form to accompany all samples during transport.

APPENDIX B

Site Survey



DEED REFERENCE:

1 The City of Mechanicville to Royal R. Dyer Construction Co., Inc., dated October 20, 2000 and recorded in Book-1564 / Page-285

MAP REFERENCES:

1 "Map of Hazelwood Park and Building Sites owned by W. C Tallmadge", prepared by R.M. Hasbrouck, C.E., dated May 1, 1871, and Filed May 25, 1874 on Card: 1, Pocket: 12, Folder 2

2 "Map of Hazelwood Park and Building Sites owned by W. C Tallmadge", prepared by R.M. Hasbrouck, C.E., dated 1871 and Filed May 1, 1893 on Card: 1, Pocket: 12, Folder: 2.

3 City of Mechanicville Tax Map # 862.61-4-1

LEGEND:

E/T/C	O/hd. Elec /Tel /Cable Lines
P P	Power Pole
	Transm Station
1	Tax Map Parcel Number
7	Subdivision Map No (MR 1)
D R	Deed Reference
M R	Map Reference
	Fence
C L F	Chain Link Fence
I.B.F	Iron Bolt Found
I.P.F	Iron Pipe Found
	Subdiv. Lot Line

STATE OF NEW YORK FREDERICK J. METZGER 49617 LICENSED LAND SURVEYOR

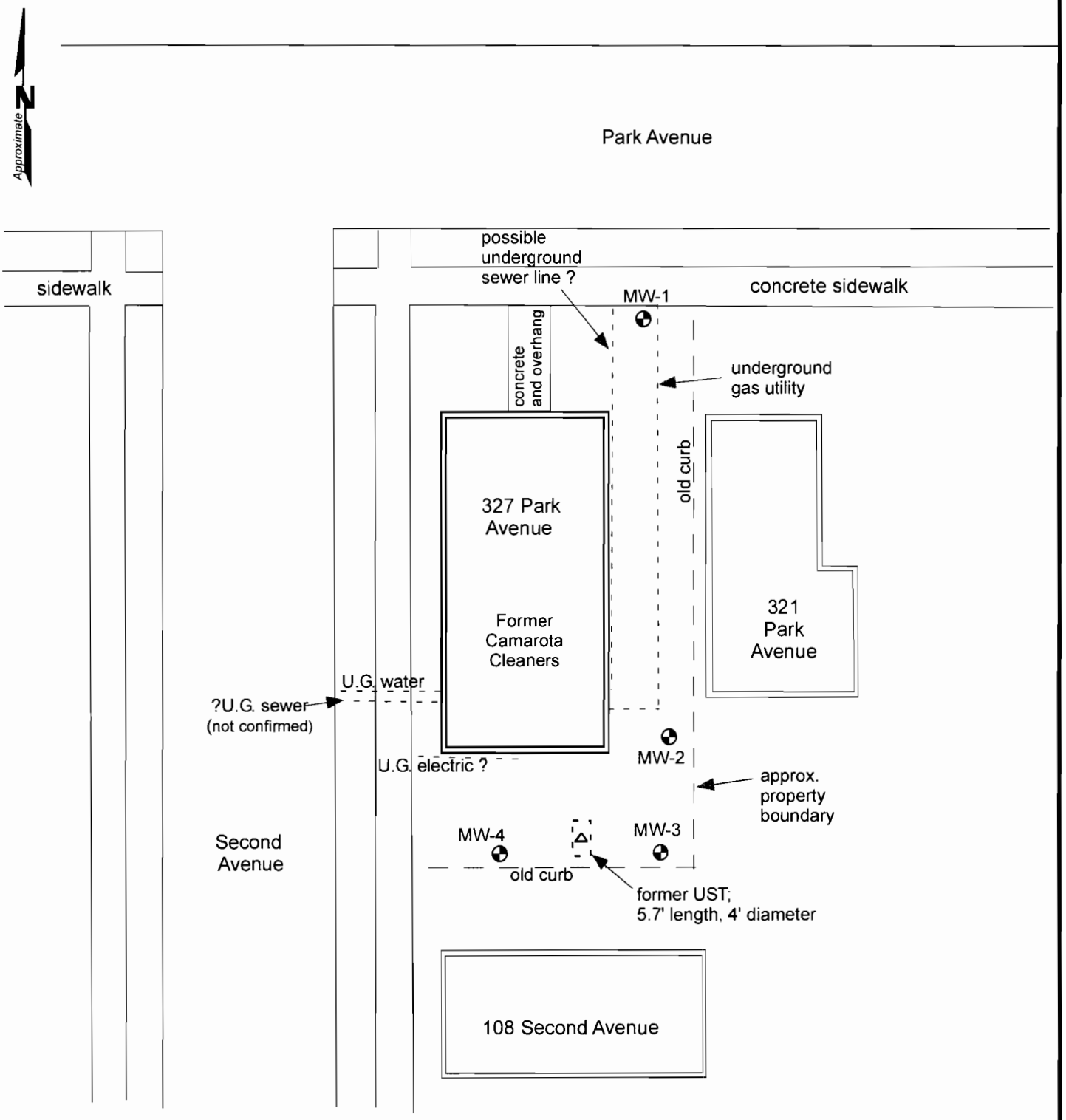
"Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of section 7209, subdivision 2, of the New York State Education Law."

SURVEY OF # 325 - 327 PARK AVENUE

City: Mechanicville	County: Saratoga	State of New York
Scale 1" = 20'	Date March 15, 2001	
Prepared for: Royal R. Dyer Construction Co., Inc.		

FREDERICK J. METZGER N.Y.S.L.L.S. No. 49617
P.O. BOX 237 TROY, N.Y. 12182
OFFICE PHONE-(518) 783-0688

Attachment 2: Geological and Ground Water Data



LEGEND

- approx. location of former UST
- MW-4 — ID and location of ground water monitoring well; 1-inch diameter
- △ location of soil sample collected below tank

0 10 20 40
Approximate Scale in Feet

ALPHA GEOSCIENCE

LOCATIONS OF MONITORING WELLS AND FORMER UST

Former Camarota Cleaners
327 Park Avenue

Alpha Project No. 07108

07108\Maps&Figures\ MWs & UST locations

Based on Survey by F.J. Metzger, LLS, 2001, and Air Photo from Google Earth

Alpha Geoscience 679 Plank Road Clifton Park, New York 12065	**GEOLOGIC LOG**	**Boring ID: MW-1** Page 1 of 1

Project Number/Name: 07108/Camarota Cleaners — Location: Mechanicville, NY

Drilling Contractor/Personnel: AST, Inc.; Mike Sarro (driller), Keith Eiss (helper)

Geologist/Hydrogeologist: J. M. Neubeck — Start: 4/17/07 — Finish Date: 4/17/07

Drilling Equip/Method: Geoprobe, direct push — Size/Type of Bit: NA

Sampling Method: 4-ft., 2" diameter macro-core — Well Installed? Yes

Elevation/Ground Surface: not available

Depth to Ground Water from Ground Surface (Date):

REMARKS:

Depth (Ft)	Sample No.	Recovery (ft)	DESCRIPTION	REMARKS
		2.7	Med. brown f-m sand, silt, trace gravel, topsoil; moist — 0.5'	
4		1.4	Med. brown to dark brown and brown-grey sand, silt, and gravel (to 2"), trace clay in thin seams or pockets; wet near bottom of core.	
8		1.2	Grey sand and gravel (shale/siltstone) fragments, wet. — 10.9'	wet at approx. 8.5 - 9, based on core
10			Refusal at 10.9 ft.	
12				

Proportions Used: Trace=0-10% Little=10-20% Some=20-35% And-35-50%

Alpha Geoscience 679 Plank Road Clifton Park, New York 12065	**GEOLOGIC LOG**	**Boring ID: MW-2** Page 1 of 1

Project Number/Name: 07108/Camarota Cleaners — Location: Mechanicville, NY

Drilling Contractor/Personnel: AST, Inc.; Mike Sarro (driller), Keith Eiss (helper)

Geologist/Hydrogeologist: J. M. Neubeck — Start: 4/17/07, Finish Date: 4/17/07

Drilling Equip/Method: Geoprobe, direct push — Size/Type of Bit: NA

Sampling Method: 4-ft., 2" diameter macro-core — Well Installed? Yes

Elevation/Ground Surface: not available

Depth to Ground Water from Ground Surface (Date):

REMARKS:

Depth (Ft)	Sample No.	Recovery (ft)	DESCRIPTION	REMARKS
		1.2	Med. brown f-c sand, silt, topsoil 0.5'	
4		1.9	Med. brown, tan, light grey (variegated) sand, silt, and large gravel; brick fragments in upper 2 ft.; 0.3' grey clay seam at approx. 6 ft.; soil is tight, moist.	
8		1.2	fill 8.0'	wet at 8' below ground surface
10			Med. brown, grades to tan-brown, f-c sand, silt, and large gravel (to 2" diam.); red brick fragments to 10', wet/saturated.	
12			fill 11.5' Refusal at 11.5 ft.	

Proportions Used: Trace=0-10% Little=10-20% Some=20-35% And-35-50%

Alpha Geoscience
679 Plank Road
ALPHA GEOSCIENCE Clifton Park, New York 12065

GEOLOGIC LOG

Boring ID: MW-3

Page 1 of 1

Project Number/Name: 07108/Camarota Cleaners Location: Mechanicville, NY

Drilling Contractor/Personnel: AST, Inc.; Mike Sarro (driller), Keith Eiss (helper)

Geologist/Hydrogeologist: J. M. Neubeck Start: 4/17/07 Finish Date: 4/17/07

Drilling Equip/Method: Geoprobe, direct push Size/Type of Bit: NA

Sampling Method: 4-ft., 2" diameter macro-core Well Installed? Yes

Elevation/Ground Surface: not available

Depth to Ground Water from Ground Surface (Date):

REMARKS:

Depth (Ft)	Sample No.	Recovery (ft)	DESCRIPTION	REMARKS
		1.3	Med. brown sand, silt, trace brick and large gravel, (topsoil); moist 0.5'	
4		2.6	Variegated tan, orange-brown, blue-grey silty clay, trace large gravel (to 2"); firm/stiff, moist. 8'	
8		4.0	Variegated (med, brown, grey-brown, orange-brown, and light green-grey) fine to coarse sand and gravel, little silt, trace clay; saturated, loose.	wet at approx. 8 ft.
10				
12			12.2' Refusal at 12.2 ft.	

Proportions Used: Trace=0-10% Little=10-20% Some=20-35% And-35-50%

Alpha Geoscience 679 Plank Road ALPHA GEOSCIENCE Clifton Park, New York 12065	**GEOLOGIC LOG**	**Boring ID: MW-4** Page 1 of 1

Project Number/Name: 07108/Camarota Cleaners Location: Mechanicville, NY

Drilling Contractor/Personnel: AST, Inc.; Mike Sarro (driller), Keith Eiss (helper)

Geologist/Hydrogeologist: J. M. Neubeck Start: 4/17/07 Finish Date: 4/2/7/07

Drilling Equip/Method: Geoprobe, direct push Size/Type of Bit: NA

Sampling Method: 4-ft., 2" diameter macro-core Well Installed? Yes

Elevation/Ground Surface: not available

Depth to Ground Water from Ground Surface (Date):

REMARKS:

Depth (Ft)	Sample No.	Recovery (ft)	DESCRIPTION	REMARKS
		1.5	Dark brown, dark grey sand, silt, gravel and ash (cinders); moist — 1.5'	
4		2.4	Orange-brown to brown f-c. sand, silt, gravel (to 2") and clay; moist. Soil is tight, within clayey matrix.	
8		3.1	— 8' Light orange-brown f-c sand, and gravel (to 2"), little silt, trace (-) clay; loose, saturated.	wet at 8', based on core
10			— 11.5' Refusal at 11.5 ft.	
12				

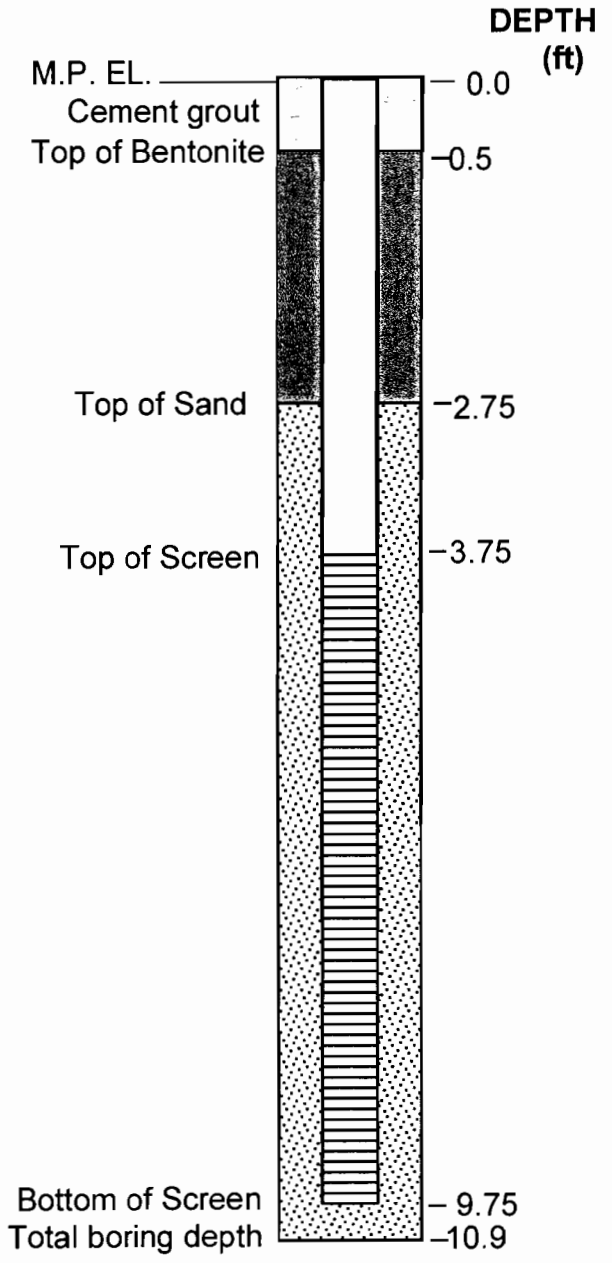
Proportions Used: Trace=0-10% Little=10-20% Some=20-35% And-35-50%

MONITORING WELL COMPLETION LOG

ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, New York
(518) 348-6995

Well MW-1
Project Camarota Cleaners
Project No. 07108
Client Royal R. Dyer Construction
Date Drilled 4/17/07
Date Developed 4/17/07

WELL CONSTRUCTION DETAILS



INSPECTION NOTES

Geologist J. M. Neubeck
Drilling Contractor ADT, Inc.
Type of Well Monitoring
Static Water Level 4.93* Date 4/17/07
Measuring Point Top of PVC
Total Well Depth 9.75 feet below ground surface
*Measured before well development

Riser Pipe
Material Sch. 40 PVC Diameter 1 inch (I.D.)
Length 3.7 feet Joint Type flush-threaded

Screen
Material Sch. 40 PVC Diameter 1 inch (I.D.)
Slot Size 10 Slot Length 6 feet
Stratigraphic Unit Screened

Packing
Sand No. 1 Gravel Natural 9.75-10.9 feet
Amount 0.3 bag Interval 2.75-9.75 feet

Seal
Type hydrated granular bentonite Interval 0.5-2.75 feet

Locking Case: Yes [ ] No [X]
Diameter 5 inches - curb box

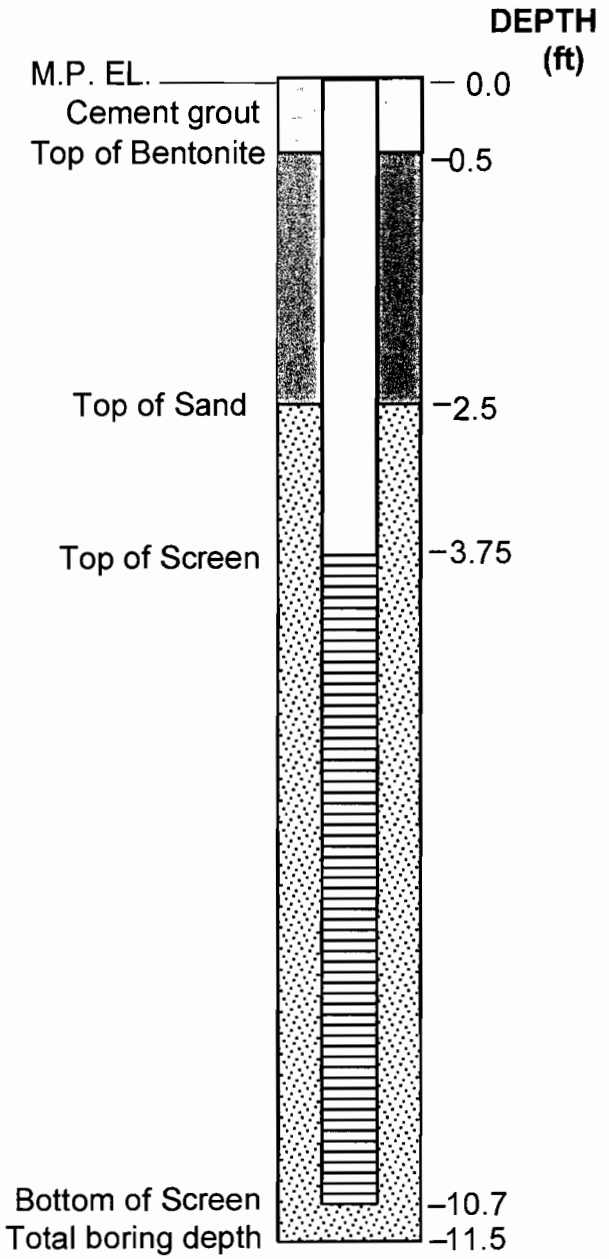
Notes:
1. Developed well by manually bailing 1.25 gallons. Water is highly turbid and silty, "muddy" brown. No odor or sheen. Water level declined at least 1.5 feet while bailing. Water level recovered to 5.4' within 5 minutes.
2. Flush-mounted curb box installed at grade.

MONITORING WELL COMPLETION LOG

ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, New York
(518) 348-6995

Well MW-2
Project Camarota Cleaners
Project No. 07108
Client Royal R. Dyer Construction
Date Drilled 4/17/07
Date Developed 4/17/07

WELL CONSTRUCTION DETAILS



INSPECTION NOTES

Geologist J. M. Neubeck
Drilling Contractor ADT, Inc.
Type of Well Monitoring
Static Water Level 5.33* Date 4/17/07
Measuring Point Top of PVC
Total Well Depth 10.7 feet below ground surface
*Measured before well development

Riser Pipe
Material Sch. 40 PVC Diameter 1 inch (I.D.)
Length 3.6 feet (approx) Joint Type flush-threaded

Screen
Material Sch. 40 PVC Diameter 1 inch (I.D.)
Slot Size 10 Slot Length 7 feet
Stratigraphic Unit Screened

Packing
Sand No. 1 Gravel Natural 10.7-11.5 feet
Amount 1/2+ bag Interval 2.5 to 10.7 feet

Seal hydrated granular
Type bentonite 1/2 bag & 1/4 bag chips Interval 0.5- 2.5 feet

Locking Case: Yes [ ] No [X]
Diameter 5 inches - curb box

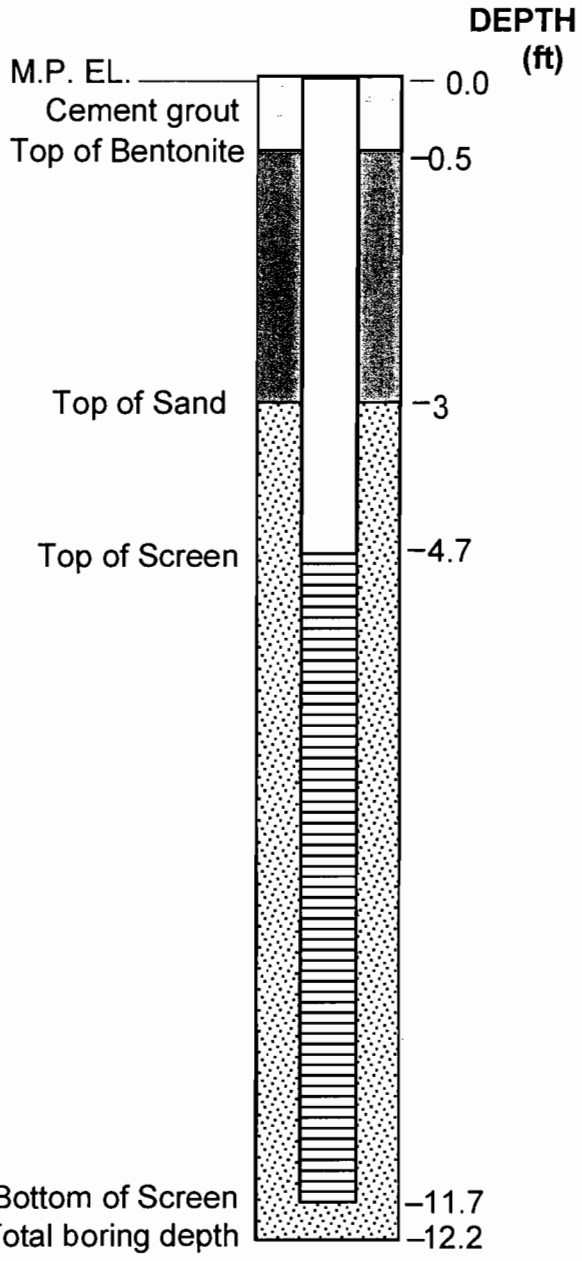
Notes:
1. Developed well by manually bailing 2 gallons. Water remained silty, very high turbidity, "muddy" medium brown. No sheen, no odor. Water level recovered to 5.35' (from 5.33) within approx. 5 minutes.
2. Flush-mounted curb box installed at grade.

MONITORING WELL COMPLETION LOG

ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, New York
(518) 348-6995

Well MW-3
Project Camarota Cleaners
Project No. 07108
Client Royal R. Dyer Construction
Date Drilled 4/17/07
Date Developed 4/17/07

WELL CONSTRUCTION DETAILS



INSPECTION NOTES

Geologist J. M. Neubeck
Drilling Contractor ADT, Inc.
Type of Well Monitoring
Static Water Level 5.12* Date 4/17/07
Measuring Point Top of PVC
Total Well Depth 11.7 feet below ground surface
*Measured before well development

Riser Pipe
Material Sch. 40 PVC Diameter 1 inch (I.D.)
Length 4.6 feet (approx) Joint Type flush-threaded

Screen
Material Sch. 40 PVC Diameter 1 inch (I.D.)
Slot Size 10 Slot Length 7 feet
Stratigraphic Unit Screened

Packing
Sand No. 1 Gravel Natural 11.7-12.2 feet
Amount 1/4+ bag Interval 3 to 11.7 feet

Seal hydrated
Type granular bentonite Interval 0.5- 3 feet
Locking Case: Yes [ ] No [X]
Diameter 5 inches - curb box

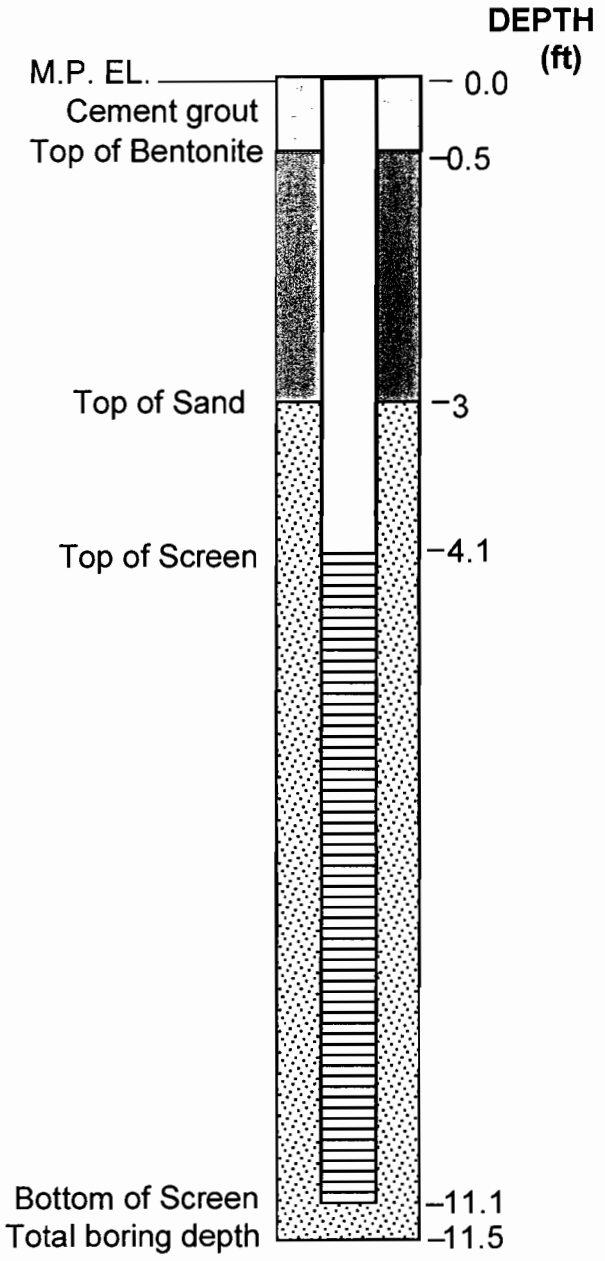
Notes:
1. Developed well by manually bailing approx. 0.75 gallons. Water level declines quickly - bailed to within 0.5 - 1' of water and let recover between well volumes. Water level recovers to at least 3' water column within 10 minutes. Water is silty and very turbid, brown. No odor, no sheen. Water level recovered to 5.85' (from 5.12) within 30 minutes.
2. Flush-mounted curb box installed at grade.

MONITORING WELL COMPLETION LOG

ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, New York
(518) 348-6995

Well MW-4
Project Camarota Cleaners
Project No. 07108
Client Royal R. Dyer Construction
Date Drilled 4/17/07
Date Developed 4/17/07

WELL CONSTRUCTION DETAILS



INSPECTION NOTES

Geologist J. M. Neubeck
Drilling Contractor ADT, Inc.
Type of Well Monitoring
Static Water Level 5.34* Date 4/17/07
Measuring Point Top of PVC
Total Well Depth 11.1 feet below ground surface
*Measured before well development

Riser Pipe
Material Sch. 40 PVC Diameter 1 inch (I.D.)
Length 4.0 feet (approx) Joint Type flush-threaded

Screen
Material Sch. 40 PVC Diameter 1 inch (I.D.)
Slot Size 10 Slot Length 7 feet
Stratigraphic Unit Screened fill

Packing
Sand No. 1 Gravel _____ Natural 11.1-11.5 feet
Amount 1/3 bag Interval 3 to 11.1 feet

Seal
Type granular Interval 0.5- 3 feet
bentonite (3-4 pounds)
Locking Case: _____ Yes [ ] No [X]
Diameter 5 inches - curb box

Notes:
1. Developed well by manually bailing 1.25 gallons. Water contained appreciable silt & clay, very turbid "muddy" med. brown, with a trace "wispy", grey, dull film. (Appreciable ash was observed in test pit on south side) No odor in water. Water level recovers fairly rapidly.
2. Flush-mounted curb box installed at grade.

ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, NY 12065

ORGANIC VAPOR SCREENING LOG

PROJECT: Camorata Cleaners
CLIENT: Royal R. Dyer Construction Co., Inc.
LOCATION: Park Avenue, Mechanicville
INSTRUMENT USED: MiniRae 2000 PID
DATE INSTRUMENT CALIBRATED: 4/17/07
TEMPERATURE OF SOIL: warmed to 65°F

LAMP: 10.2 eV
By: JMN

PAGE 1 of 1
DATE COLLECTED: 4/17/07
DATE ANALYZED: 4/1707
ANALYST: J M Neubeck

Location ID	Sample Number	Depth (ft)	Sample Type	Background Reading (ppm)	Sample Reading (ppm)	Remarks
						Soil headspace samples collected from soil cores during well drilling
MW-1	1	0-1	grab	0.0	0.0	
MW-1	2	4-8	grab	0.0	0.0	
MW-1	3	8-9	grab	0.0	0.0	
MW-1	4	10	grab	0.0	0.0	
MW-2	1	0-4	grab	0.0	0.0	
MW-2	2	4-8	grab	0.0	0.0	
MW-2	3	8-10	grab	0.0	0.0	
MW-2	4	10-12	grab	0.0	0.0	
MW-3	1	0-2	grab	0.0	0.0	
MW-3	2	4-7.5	grab	0.0	0.0	
MW-3	3	7.5-8	grab	0.0	0.0	
MW-3	4	8-10	grab	0.0	0.0	
MW-3	5	10-12	grab	0.0	0.0	
MW-4	1	0-2	grab	0.0	0.0	
MW-4	2	2-4	grab	0.0	0.0	
MW-4	3	8-12	grab	0.0	0.0	

TABLE 1
Summary of Ground Water Quality Analyses

Former Camarota Cleaners
327 Park Avenue, Mechanicville, NY

		Well ID and Sampling Date			
	NYSDEC Standard (TOGS 1.1.1)	MW-1	MW-2	MW-3	MW-4
		5/2/2007	5/2/2007	5/2/2007	5/2/2007
VOC Compound					
1,1,1,2-Tetrachloroethane	5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	1	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	5	<0.5	<0.5	0.69	<0.5
1,2-Dichloroethane	0.6	<0.5	<0.5	<0.5	<0.5
Carbon tetrachloride	5	<0.5	<0.5	<0.5	<0.5
Chloroethane	5	<0.5	<0.5	<0.5	<0.5
Chloroform	7	<0.5	<0.5	<0.5	<0.5
Chloromethane	5	<0.5	<0.5	<0.5	<0.5
cis-1,2-Dichloroethene	5	12	<0.5	70	5.3
Methylene chloride	5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	5	43	30	17	35
trans-1,2-Dichloroethene	5	<0.5	<0.5	4.1	1.3
Trichloroethene	5	21	1.8	32	11
Vinyl chloride	2	<0.5	<0.5	26	1.5
TOTAL VOLATILES		**76**	**32**	**150**	**54**

Notes:

1. All results are reported in micrograms per liter (ug/L), approximately parts per billion (ppb).
2. "<0.5" indicates the compound was not detected at that reporting limit.

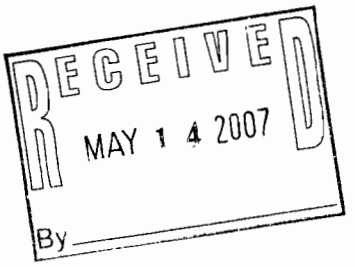
Table 2
Ground Water Elevation Data

Former Camarota Cleaners
327 Park Avenue, Mechanicville, NY

Well ID	Measurement Reference Point	Surveyed Relative Elevation of PVC	April 26, 2007		May 2, 2007		June 20, 2007	
			Measured Depth to Water	Relative GW Elevation	Measured Depth to Water	Relative GW Elevation	Measured Depth to Water	Relative GW Elevation
MW-1	Top of PVC	98.70	5.66	93.04	5.67	93.03	5.85	92.85
MW-2	Top of PVC	99.83	6.61	93.22	6.33	93.50	5.97	93.86
MW-3	Top of PVC	100.00	6.32	93.68	6.49	93.51	6.23	93.77
MW-4	Top of PVC	99.71	6.01	93.70	6.01	93.70	5.99	93.72

Note: PVC is marked with indelible pen at each surveyed point. Well MW-3 was set at 100.00 (arbitrary).

PHOENIX
Environmental Laboratories, Inc.



Thursday, May 10, 2007

Attn: Ms. Jean Neubeck
Alpha GeoScience
679 Plank Road
Clifton Park, NY 12065

Client ID: FORMER CAMAROTA CLEANERS
Sample ID#s: AJ11135 - AJ11139

This laboratory is in compliance with the QA/QC procedure outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, and SW846 QA/QC requirements of procedures used.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007
NJ Lab Registration #CT-003
PA Lab Registration #68-03530

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 ▪ Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 22, 2007

FOR: Attn: Ms. Jean Neubeck
Alpha GeoScience
679 Plank Road
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	KP	05/02/07	11:38
Location Code:	ALPHAGEO	Received by:	LP	05/03/07	10:02
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	07108				

SDG I.D.: GAJ11135
Phoenix I.D.: AJ11135

Laboratory Data

Client ID: FORMER CAMAROTA CLEANERS MW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles (524.2)							
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1,1-Trichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1,2-Trichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1-Dichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1-Dichloroethene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1-Dichloropropene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,3-Trichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,3-Trichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,4-Trichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,4-Trimethylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dibromo-3-chloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,3,5-Trimethylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,3-Dichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,3-Dichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,4-Dichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
2,2-Dichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
2-Chlorotoluene	ND	0.5	ug/L	05/06/07		R/J	524.2
4-Chlorotoluene	ND	0.5	ug/L	05/06/07		R/J	524.2
Benzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2

Client ID: FORMER CAMAROTA CLEANERS MW-1 Phoenix I.D.: AJ11135

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromochloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromodichloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromoform	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromomethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Carbon tetrachloride	ND	0.5	ug/L	05/06/07		R/J	524.2
Chlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Chloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Chloroform	ND	0.5	ug/L	05/06/07		R/J	524.2
Chloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
cis-1,2-Dichloroethene	12	0.5	ug/L	05/06/07		R/J	524.2
cis-1,3-Dichloropropene	ND	0.5	ug/L	05/06/07		R/J	524.2
Dibromochloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Dibromoethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Dibromomethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Dichlorodifluoromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Ethylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Hexachlorobutadiene	ND	0.5	ug/L	05/06/07		R/J	524.2
Isopropylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
m&p-Xylene	ND	1	ug/L	05/06/07		R/J	524.2
Methyl Ethyl Ketone	ND	5	ug/L	05/06/07		R/J	524.2
Methyl t-butyl ether (MTBE)	ND	1	ug/L	05/06/07		R/J	524.2
Methylene chloride	ND	0.5	ug/L	05/06/07		R/J	524.2
n-Butylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
n-Propylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Naphthalene	ND	0.5	ug/L	05/06/07		R/J	524.2
o-Xylene	ND	0.5	ug/L	05/06/07		R/J	524.2
p-Isopropyltoluene	ND	0.5	ug/L	05/06/07		R/J	524.2
sec-Butylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Styrene	ND	0.5	ug/L	05/06/07		R/J	524.2
tert-Butylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Tetrachloroethene	43	2.5	ug/L	05/06/07		R/J	524.2
Toluene	ND	0.5	ug/L	05/06/07		R/J	524.2
Total Trihalomethanes	ND	1	ug/L	05/06/07		R/J	524.2
Total Xylenes	ND	1	ug/L	05/06/07		R/J	524.2
trans-1,2-Dichloroethene	ND	0.5	ug/L	05/06/07		R/J	524.2
trans-1,3-Dichloropropene	ND	0.5	ug/L	05/06/07		R/J	524.2
Trichloroethene	21	0.5	ug/L	05/06/07		R/J	524.2
Trichlorofluoromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Vinyl chloride	ND	0.5	ug/L	05/06/07		R/J	524.2
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	110		%	05/06/07		R/J	524.2
% Bromofluorobenzene	96		%	05/06/07		R/J	524.2
% Dibromofluoromethane	117		%	05/06/07		R/J	524.2
% Toluene-d8	99		%	05/06/07		R/J	524.2

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director
May 22, 2007

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 22, 2007

FOR: Attn: Ms. Jean Neubeck
Alpha GeoScience
679 Plank Road
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	KP	05/02/07	11:52
Location Code:	ALPHAGEO	Received by:	LP	05/03/07	10:02
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	07108				

SDG I.D.: GAJ11135
Phoenix I.D.: AJ11136

Laboratory Data

Client ID: FORMER CAMAROTA CLEANERS MW-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles (524.2)							
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1,1-Trichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1,2-Trichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1-Dichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1-Dichloroethene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1-Dichloropropene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,3-Trichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,3-Trichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,4-Trichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,4-Trimethylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dibromo-3-chloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,3,5-Trimethylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,3-Dichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,3-Dichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,4-Dichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
2,2-Dichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
2-Chlorotoluene	ND	0.5	ug/L	05/06/07		R/J	524.2
4-Chlorotoluene	ND	0.5	ug/L	05/06/07		R/J	524.2
Benzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2

Client ID: FORMER CAMAROTA CLEANERS MW-2 Phoenix I.D.: AJ11136

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromochloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromodichloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromoform	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromomethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Carbon tetrachloride	ND	0.5	ug/L	05/06/07		R/J	524.2
Chlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Chloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Chloroform	ND	0.5	ug/L	05/06/07		R/J	524.2
Chloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
cis-1,2-Dichloroethene	ND	0.5	ug/L	05/06/07		R/J	524.2
cis-1,3-Dichloropropene	ND	0.5	ug/L	05/06/07		R/J	524.2
Dibromochloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Dibromoethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Dibromomethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Dichlorodifluoromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Ethylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Hexachlorobutadiene	ND	0.5	ug/L	05/06/07		R/J	524.2
Isopropylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
m&p-Xylene	ND	1	ug/L	05/06/07		R/J	524.2
Methyl Ethyl Ketone	ND	5	ug/L	05/06/07		R/J	524.2
Methyl t-butyl ether (MTBE)	ND	1	ug/L	05/06/07		R/J	524.2
Methylene chloride	ND	0.5	ug/L	05/06/07		R/J	524.2
n-Butylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
n-Propylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Naphthalene	ND	0.5	ug/L	05/06/07		R/J	524.2
o-Xylene	ND	0.5	ug/L	05/06/07		R/J	524.2
p-Isopropyltoluene	ND	0.5	ug/L	05/06/07		R/J	524.2
sec-Butylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Styrene	ND	0.5	ug/L	05/06/07		R/J	524.2
tert-Butylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Tetrachloroethene	30	0.5	ug/L	05/06/07		R/J	524.2
Toluene	ND	0.5	ug/L	05/06/07		R/J	524.2
Total Trihalomethanes	ND	1	ug/L	05/06/07		R/J	524.2
Total Xylenes	ND	1	ug/L	05/06/07		R/J	524.2
trans-1,2-Dichloroethene	ND	0.5	ug/L	05/06/07		R/J	524.2
trans-1,3-Dichloropropene	ND	0.5	ug/L	05/06/07		R/J	524.2
Trichloroethene	1.8	0.5	ug/L	05/06/07		R/J	524.2
Trichlorofluoromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Vinyl chloride	ND	0.5	ug/L	05/06/07		R/J	524.2
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	05/06/07		R/J	524.2
% Bromofluorobenzene	98		%	05/06/07		R/J	524.2
% Dibromofluoromethane	110		%	05/06/07		R/J	524.2
% Toluene-d8	100		%	05/06/07		R/J	524.2

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director
May 22, 2007

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 22, 2007

FOR: Attn: Ms. Jean Neubeck
Alpha GeoScience
679 Plank Road
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	KP	05/02/07	12:07
Location Code:	ALPHAGEO	Received by:	LP	05/03/07	10:02
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	07108				

SDG I.D.: GAJ11135
Phoenix I.D.: AJ11137

Laboratory Data

Client ID: FORMER CAMAROTA CLEANERS MW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles (524.2)							
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1,1-Trichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1,2-Trichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1-Dichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1-Dichloroethene	0.69	0.5	ug/L	05/06/07		R/J	524.2
1,1-Dichloropropene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,3-Trichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,3-Trichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,4-Trichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,4-Trimethylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dibromo-3-chloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,3,5-Trimethylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,3-Dichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,3-Dichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,4-Dichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
2,2-Dichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
2-Chlorotoluene	ND	0.5	ug/L	05/06/07		R/J	524.2
4-Chlorotoluene	ND	0.5	ug/L	05/06/07		R/J	524.2
Benzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2

Client ID: FORMER CAMAROTA CLEANERS MW-3 Phoenix I.D.: AJ11137

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromochloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromodichloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromoform	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromomethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Carbon tetrachloride	ND	0.5	ug/L	05/06/07		R/J	524.2
Chlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Chloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Chloroform	ND	0.5	ug/L	05/06/07		R/J	524.2
Chloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
cis-1,2-Dichloroethene	70	5.0	ug/L	05/06/07		R/J	524.2
cis-1,3-Dichloropropene	ND	0.5	ug/L	05/06/07		R/J	524.2
Dibromochloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Dibromoethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Dibromomethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Dichlorodifluoromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Ethylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Hexachlorobutadiene	ND	0.5	ug/L	05/06/07		R/J	524.2
Isopropylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
m&p-Xylene	ND	1	ug/L	05/06/07		R/J	524.2
Methyl Ethyl Ketone	ND	5	ug/L	05/06/07		R/J	524.2
Methyl t-butyl ether (MTBE)	ND	1	ug/L	05/06/07		R/J	524.2
Methylene chloride	ND	0.5	ug/L	05/06/07		R/J	524.2
n-Butylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
n-Propylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Naphthalene	ND	0.5	ug/L	05/06/07		R/J	524.2
o-Xylene	ND	0.5	ug/L	05/06/07		R/J	524.2
p-Isopropyltoluene	ND	0.5	ug/L	05/06/07		R/J	524.2
sec-Butylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Styrene	ND	0.5	ug/L	05/06/07		R/J	524.2
tert-Butylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Tetrachloroethene	17	0.5	ug/L	05/06/07		R/J	524.2
Toluene	ND	0.5	ug/L	05/06/07		R/J	524.2
Total Trihalomethanes	ND	1	ug/L	05/06/07		R/J	524.2
Total Xylenes	ND	1	ug/L	05/06/07		R/J	524.2
trans-1,2-Dichloroethene	4.1	0.5	ug/L	05/06/07		R/J	524.2
trans-1,3-Dichloropropene	ND	0.5	ug/L	05/06/07		R/J	524.2
Trichloroethene	32	0.5	ug/L	05/06/07		R/J	524.2
Trichlorofluoromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Vinyl chloride	26	0.5	ug/L	05/06/07		R/J	524.2
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	107		%	05/06/07		R/J	524.2
% Bromofluorobenzene	97		%	05/06/07		R/J	524.2
% Dibromofluoromethane	113		%	05/06/07		R/J	524.2
% Toluene-d8	96		%	05/06/07		R/J	524.2

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director
May 22, 2007

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 22, 2007

FOR: Attn: Ms. Jean Neubeck
Alpha GeoScience
679 Plank Road
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	KP	05/02/07	12:02
Location Code:	ALPHAGEO	Received by:	LP	05/03/07	10:02
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	07108				

SDG I.D.: GAJ11135
Phoenix I.D.: AJ11138

Laboratory Data

Client ID: FORMER CAMAROTA CLEANERS MW-4

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles (524.2)							
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1,1-Trichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1,2-Trichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1-Dichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1-Dichloroethene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,1-Dichloropropene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,3-Trichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,3-Trichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,4-Trichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2,4-Trimethylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dibromo-3-chloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dichloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,2-Dichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,3,5-Trimethylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,3-Dichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
1,3-Dichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
1,4-Dichlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
2,2-Dichloropropane	ND	0.5	ug/L	05/06/07		R/J	524.2
2-Chlorotoluene	ND	0.5	ug/L	05/06/07		R/J	524.2
4-Chlorotoluene	ND	0.5	ug/L	05/06/07		R/J	524.2
Benzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2

Client ID: FORMER CAMAROTA CLEANERS MW-4 Phoenix I.D.: AJ11138

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromochloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromodichloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromoform	ND	0.5	ug/L	05/06/07		R/J	524.2
Bromomethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Carbon tetrachloride	ND	0.5	ug/L	05/06/07		R/J	524.2
Chlorobenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Chloroethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Chloroform	ND	0.5	ug/L	05/06/07		R/J	524.2
Chloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
cis-1,2-Dichloroethene	5.3	0.5	ug/L	05/06/07		R/J	524.2
cis-1,3-Dichloropropene	ND	0.5	ug/L	05/06/07		R/J	524.2
Dibromochloromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Dibromoethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Dibromomethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Dichlorodifluoromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Ethylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Hexachlorobutadiene	ND	0.5	ug/L	05/06/07		R/J	524.2
Isopropylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
m&p-Xylene	ND	1	ug/L	05/06/07		R/J	524.2
Methyl Ethyl Ketone	ND	5	ug/L	05/06/07		R/J	524.2
Methyl t-butyl ether (MTBE)	ND	1	ug/L	05/06/07		R/J	524.2
Methylene chloride	ND	0.5	ug/L	05/06/07		R/J	524.2
n-Butylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
n-Propylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Naphthalene	ND	0.5	ug/L	05/06/07		R/J	524.2
o-Xylene	ND	0.5	ug/L	05/06/07		R/J	524.2
p-Isopropyltoluene	ND	0.5	ug/L	05/06/07		R/J	524.2
sec-Butylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Styrene	ND	0.5	ug/L	05/06/07		R/J	524.2
tert-Butylbenzene	ND	0.5	ug/L	05/06/07		R/J	524.2
Tetrachloroethene	35	0.5	ug/L	05/06/07		R/J	524.2
Toluene	ND	0.5	ug/L	05/06/07		R/J	524.2
Total Trihalomethanes	ND	1	ug/L	05/06/07		R/J	524.2
Total Xylenes	ND	1	ug/L	05/06/07		R/J	524.2
trans-1,2-Dichloroethene	1.3	0.5	ug/L	05/06/07		R/J	524.2
trans-1,3-Dichloropropene	ND	0.5	ug/L	05/06/07		R/J	524.2
Trichloroethene	11	0.5	ug/L	05/06/07		R/J	524.2
Trichlorofluoromethane	ND	0.5	ug/L	05/06/07		R/J	524.2
Vinyl chloride	1.5	0.5	ug/L	05/06/07		R/J	524.2
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/06/07		R/J	524.2
% Bromofluorobenzene	103		%	05/06/07		R/J	524.2
% Dibromofluoromethane	96		%	05/06/07		R/J	524.2
% Toluene-d8	97		%	05/06/07		R/J	524.2

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
May 22, 2007

PHOENIX

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Analysis Report

May 22, 2007

FOR: Attn: Ms. Jean Neubeck
Alpha GeoScience
679 Plank Road
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	KP	05/02/07	0:00
Location Code:	ALPHAGEO	Received by:	LP	05/03/07	10:02
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	07108				

SDG I.D.: GAJ11135
Phoenix I.D.: AJ11139

Laboratory Data

Client ID: FORMER CAMAROTA CLEANERS TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles (524.2)							
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	05/05/07		R/J	524.2
1,1,1-Trichloroethane	ND	0.5	ug/L	05/05/07		R/J	524.2
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	05/05/07		R/J	524.2
1,1,2-Trichloroethane	ND	0.5	ug/L	05/05/07		R/J	524.2
1,1-Dichloroethane	ND	0.5	ug/L	05/05/07		R/J	524.2
1,1-Dichloroethene	ND	0.5	ug/L	05/05/07		R/J	524.2
1,1-Dichloropropene	ND	0.5	ug/L	05/05/07		R/J	524.2
1,2,3-Trichlorobenzene	ND	0.5	ug/L	05/05/07		R/J	524.2
1,2,3-Trichloropropane	ND	0.5	ug/L	05/05/07		R/J	524.2
1,2,4-Trichlorobenzene	ND	0.5	ug/L	05/05/07		R/J	524.2
1,2,4-Trimethylbenzene	ND	0.5	ug/L	05/05/07		R/J	524.2
1,2-Dibromo-3-chloropropane	ND	0.5	ug/L	05/05/07		R/J	524.2
1,2-Dichlorobenzene	ND	0.5	ug/L	05/05/07		R/J	524.2
1,2-Dichloroethane	ND	0.5	ug/L	05/05/07		R/J	524.2
1,2-Dichloropropane	ND	0.5	ug/L	05/05/07		R/J	524.2
1,3,5-Trimethylbenzene	ND	0.5	ug/L	05/05/07		R/J	524.2
1,3-Dichlorobenzene	ND	0.5	ug/L	05/05/07		R/J	524.2
1,3-Dichloropropane	ND	0.5	ug/L	05/05/07		R/J	524.2
1,4-Dichlorobenzene	ND	0.5	ug/L	05/05/07		R/J	524.2
2,2-Dichloropropane	ND	0.5	ug/L	05/05/07		R/J	524.2
2-Chlorotoluene	ND	0.5	ug/L	05/05/07		R/J	524.2
4-Chlorotoluene	ND	0.5	ug/L	05/05/07		R/J	524.2
Benzene	ND	0.5	ug/L	05/05/07		R/J	524.2
Bromobenzene	ND	0.5	ug/L	05/05/07		R/J	524.2

Client ID: FORMER CAMAROTA CLEANERS TRIP BLANK Phoenix I.D.: AJ11139

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromochloromethane	ND	0.5	ug/L	05/05/07		R/J	524.2
Bromodichloromethane	ND	0.5	ug/L	05/05/07		R/J	524.2
Bromoform	ND	0.5	ug/L	05/05/07		R/J	524.2
Bromomethane	ND	0.5	ug/L	05/05/07		R/J	524.2
Carbon tetrachloride	ND	0.5	ug/L	05/05/07		R/J	524.2
Chlorobenzene	ND	0.5	ug/L	05/05/07		R/J	524.2
Chloroethane	ND	0.5	ug/L	05/05/07		R/J	524.2
Chloroform	ND	0.5	ug/L	05/05/07		R/J	524.2
Chloromethane	ND	0.5	ug/L	05/05/07		R/J	524.2
cis-1,2-Dichloroethene	ND	0.5	ug/L	05/05/07		R/J	524.2
cis-1,3-Dichloropropene	ND	0.5	ug/L	05/05/07		R/J	524.2
Dibromochloromethane	ND	0.5	ug/L	05/05/07		R/J	524.2
Dibromoethane	ND	0.5	ug/L	05/05/07		R/J	524.2
Dibromomethane	ND	0.5	ug/L	05/05/07		R/J	524.2
Dichlorodifluoromethane	ND	0.5	ug/L	05/05/07		R/J	524.2
Ethylbenzene	ND	0.5	ug/L	05/05/07		R/J	524.2
Hexachlorobutadiene	ND	0.5	ug/L	05/05/07		R/J	524.2
Isopropylbenzene	ND	0.5	ug/L	05/05/07		R/J	524.2
m&p-Xylene	ND	1	ug/L	05/05/07		R/J	524.2
Methyl Ethyl Ketone	ND	5	ug/L	05/05/07		R/J	524.2
Methyl t-butyl ether (MTBE)	ND	1	ug/L	05/05/07		R/J	524.2
Methylene chloride	ND	0.5	ug/L	05/05/07		R/J	524.2
n-Butylbenzene	ND	0.5	ug/L	05/05/07		R/J	524.2
n-Propylbenzene	ND	0.5	ug/L	05/05/07		R/J	524.2
Naphthalene	ND	0.5	ug/L	05/05/07		R/J	524.2
o-Xylene	ND	0.5	ug/L	05/05/07		R/J	524.2
p-Isopropyltoluene	ND	0.5	ug/L	05/05/07		R/J	524.2
sec-Butylbenzene	ND	0.5	ug/L	05/05/07		R/J	524.2
Styrene	ND	0.5	ug/L	05/05/07		R/J	524.2
tert-Butylbenzene	ND	0.5	ug/L	05/05/07		R/J	524.2
Tetrachloroethene	ND	0.5	ug/L	05/05/07		R/J	524.2
Toluene	ND	0.5	ug/L	05/05/07		R/J	524.2
Total Trihalomethanes	ND	1	ug/L	05/05/07		R/J	524.2
Total Xylenes	ND	1	ug/L	05/05/07		R/J	524.2
trans-1,2-Dichloroethene	ND	0.5	ug/L	05/05/07		R/J	524.2
trans-1,3-Dichloropropene	ND	0.5	ug/L	05/05/07		R/J	524.2
Trichloroethene	ND	0.5	ug/L	05/05/07		R/J	524.2
Trichlorofluoromethane	ND	0.5	ug/L	05/05/07		R/J	524.2
Vinyl chloride	ND	0.5	ug/L	05/05/07		R/J	524.2
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/05/07		R/J	524.2
% Bromofluorobenzene	99		%	05/05/07		R/J	524.2
% Dibromofluoromethane	101		%	05/05/07		R/J	524.2
% Toluene-d8	100		%	05/05/07		R/J	524.2

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director
May 22, 2007

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 10, 2007

QA/QC Data

SDG I.D.: GAJ11135

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 76008, Sample No: AJ11139 (AJ11139)							
Volatiles Organics							
1,1,1,2-Tetrachloroethane	ND	108	117	8.0	118	116	1.7
1,1,1-Trichloroethane	ND	106	122	14.0	120	120	0.0
1,1,2,2-Tetrachloroethane	ND	98	89	9.6	99	97	2.0
1,1,2-Trichloroethane	ND	101	100	1.0	105	105	0.0
1,1-Dichloroethane	ND	101	119	16.4	107	104	2.8
1,1-Dichloroethene	ND	108	128	16.9	123	130	5.5
1,1-Dichloropropene	ND	105	108	2.8	110	106	3.7
1,2,3-Trichlorobenzene	ND	100	88	12.8	97	90	7.5
1,2,3-Trichloropropane	ND	59	58	1.7	56	55	1.8
1,2,4-Trichlorobenzene	ND	107	92	15.1	101	97	4.0
1,2,4-Trimethylbenzene	ND	103	106	2.9	109	105	3.7
1,2-Dibromo-3-chloropropane	ND	107	90	17.3	97	96	1.0
1,2-Dichlorobenzene	ND	105	101	3.9	105	102	2.9
1,2-Dichloroethane	ND	108	121	11.4	117	124	5.8
1,2-Dichloropropane	ND	104	100	3.9	104	100	3.9
1,3,5-Trimethylbenzene	ND	105	106	0.9	108	103	4.7
1,3-Dichlorobenzene	ND	103	103	0.0	105	100	4.9
1,3-Dichloropropane	ND	106	106	0.0	106	105	0.9
1,4-Dichlorobenzene	ND	102	101	1.0	104	100	3.9
2,2-Dichloropropane	ND	62	62	0.0	59	47	22.6
2-Chlorotoluene	ND	100	101	1.0	106	99	6.8
4-Chlorotoluene	ND	102	101	1.0	104	97	7.0
Benzene	ND	102	106	3.8	107	103	3.8
Bromobenzene	ND	106	101	4.8	106	103	2.9
Bromochloromethane	ND	99	101	2.0	100	100	0.0
Bromodichloromethane	ND	107	116	8.1	117	120	2.5
Bromoform	ND	113	116	2.6	115	121	5.1
Bromomethane	ND	104	118	12.6	102	107	4.8
Carbon tetrachloride	ND	110	129	15.9	127	129	1.6
Chlorobenzene	ND	105	110	4.7	110	107	2.8
Chloroethane	ND	121	110	9.5	118	131	10.4
Chloroform	ND	104	116	10.9	113	111	1.8

QA/QC Data

SDG I.D.: GAJ11135

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Chloromethane	ND	94	103	9.1	74	90	19.5
cis-1,2-Dichloroethene	ND	98	100	2.0	101	96	5.1
cis-1,3-Dichloropropene	ND	99	93	6.3	98	92	6.3
Dibromochloromethane	ND	111	112	0.9	115	115	0.0
Dibromoethane	ND	105	99	5.9	105	106	0.9
Dibromomethane	ND	105	105	0.0	109	107	1.9
Dichlorodifluoromethane	ND	86	116	29.7	61	104	52.1
Ethylbenzene	ND	104	109	4.7	108	105	2.8
Hexachlorobutadiene	ND	105	101	3.9	111	107	3.7
Isopropylbenzene	ND	112	111	0.9	109	101	7.6
m&p-Xylene	ND	104	111	6.5	111	106	4.6
Methyl t-butyl ether (MTBE)	ND	116	131	12.1	126	131	3.9
Methylene chloride	ND	112	126	11.8	126	126	0.0
n-Butylbenzene	ND	101	102	1.0	102	99	3.0
n-Propylbenzene	ND	103	104	1.0	106	99	6.8
Naphthalene	ND	104	84	21.3	95	89	6.5
o-Xylene	ND	105	110	4.7	109	105	3.7
p-Isopropyltoluene	ND	109	110	0.9	110	103	6.6
sec-Butylbenzene	ND	97	100	3.0	108	103	4.7
Styrene	ND	103	109	5.7	109	105	3.7
tert-Butylbenzene	ND	108	109	0.9	112	105	6.5
Tetrachloroethene	ND	105	111	5.6	114	110	3.6
Toluene	ND	101	106	4.8	108	105	2.8
trans-1,2-Dichloroethene	ND	107	126	16.3	126	127	0.8
trans-1,3-Dichloropropene	ND	97	93	4.2	99	98	1.0
Trichloroethene	ND	104	110	5.6	113	106	6.4
Trichlorofluoromethane	ND	115	152	27.7	122	138	12.3
Vinyl chloride	ND	35	116	107.3	91	100	9.4
% 1,2-dichlorobenzene-d4	104	102	98	4.0	98	102	4.0
% Bromofluorobenzene	98	104	109	4.7	105	109	3.7
% Dibromofluoromethane	102	100	100	0.0	102	103	1.0
% Toluene-d8	100	101	100	1.0	100	101	1.0

QA/QC Batch 76010, Sample No: AJ11200 (aj11136, aj11138)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	114	117	2.6	119	116	2.6
1,1,1-Trichloroethane	ND	117	122	4.2	124	123	0.8
1,1,2,2-Tetrachloroethane	ND	97	91	6.4	99	90	9.5
1,1,2-Trichloroethane	ND	104	102	1.9	109	101	7.6
1,1-Dichloroethane	ND	107	118	9.8	111	118	6.1
1,1-Dichloroethene	ND	125	127	1.6	137	124	10.0
1,1-Dichloropropene	ND	106	104	1.9	110	105	4.7

QA/QC Data

SDG I.D.: GAJ11135

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichlorobenzene	ND	99	89	10.6	95	87	8.8
1,2,3-Trichloropropane	ND	61	56	8.5	56	52	7.4
1,2,4-Trichlorobenzene	ND	100	92	8.3	99	95	4.1
1,2,4-Trimethylbenzene	ND	101	102	1.0	108	107	0.9
1,2-Dibromo-3-chloropropane	ND	105	95	10.0	97	93	4.2
1,2-Dichlorobenzene	ND	102	100	2.0	103	101	2.0
1,2-Dichloroethane	ND	121	124	2.4	124	117	5.8
1,2-Dichloropropane	ND	99	97	2.0	105	102	2.9
1,3,5-Trimethylbenzene	ND	103	103	0.0	107	106	0.9
1,3-Dichlorobenzene	ND	102	101	1.0	104	102	1.9
1,3-Dichloropropane	ND	104	102	1.9	109	103	5.7
1,4-Dichlorobenzene	ND	101	99	2.0	104	101	2.9
2,2-Dichloropropane	ND	115	103	11.0	106	83	24.3
2-Chlorotoluene	ND	97	95	2.1	102	103	1.0
4-Chlorotoluene	ND	98	97	1.0	99	101	2.0
Benzene	ND	102	101	1.0	108	106	1.9
Bromobenzene	ND	101	96	5.1	105	101	3.9
Bromochloromethane	ND	102	101	1.0	105	109	3.7
Bromodichloromethane	ND	116	115	0.9	121	115	5.1
Bromoform	ND	122	118	3.3	126	113	10.9
Bromomethane	ND	113	113	0.0	120	104	14.3
Carbon tetrachloride	ND	124	127	2.4	132	128	3.1
Chlorobenzene	ND	104	107	2.8	110	109	0.9
Chloroethane	ND	136	46	98.9	135	126	6.9
Chloroform	ND	112	115	2.6	116	115	0.9
Chloromethane	ND	103	98	5.0	103	77	28.9
cis-1,2-Dichloroethene	ND	99	101	2.0	103	120	15.2
cis-1,3-Dichloropropene	ND	107	98	8.8	107	95	11.9
Dibromochloromethane	ND	116	114	1.7	118	111	6.1
Dibromoethane	ND	106	102	3.8	110	101	8.5
Dibromomethane	ND	106	105	0.9	110	103	6.6
Dichlorodifluoromethane	ND	24	26	8.0	35	62	55.7
Ethylbenzene	ND	103	105	1.9	112	110	1.8
Hexachlorobutadiene	ND	107	106	0.9	107	106	0.9
Isopropylbenzene	ND	107	103	3.8	104	103	1.0
m&p-Xylene	ND	104	108	3.8	112	111	0.9
Methyl t-butyl ether (MTBE)	ND	140	138	1.4	138	121	13.1
Methylene chloride	ND	123	127	3.2	133	126	5.4
n-Butylbenzene	ND	102	100	2.0	105	104	1.0
n-Propylbenzene	ND	100	97	3.0	103	103	0.0
Naphthalene	ND	98	82	17.8	96	87	9.8
o-Xylene	ND	103	106	2.9	110	110	0.0

QA/QC Data

SDG I.D.: GAJ11135

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
p-Isopropyltoluene	ND	108	107	0.9	109	108	0.9
sec-Butylbenzene	ND	96	95	1.0	108	108	0.0
Styrene	ND	103	106	2.9	110	111	0.9
tert-Butylbenzene	ND	104	103	1.0	109	110	0.9
Tetrachloroethene	ND	107	106	0.9	113	112	0.9
Toluene	ND	100	103	3.0	109	106	2.8
trans-1,2-Dichloroethene	ND	123	127	3.2	131	125	4.7
trans-1,3-Dichloropropene	ND	108	104	3.8	113	100	12.2
Trichloroethene	ND	106	102	3.8	113	108	4.5
Trichlorofluoromethane	ND	142	152	6.8	140	131	6.6
Vinyl chloride	ND	112	30	115.5	33	90	92.7
% 1,2-dichlorobenzene-d4	107	102	100	2.0	97	98	1.0
% Bromofluorobenzene	102	108	112	3.6	108	109	0.9
% Dibromofluoromethane	110	101	99	2.0	102	103	1.0
% Toluene-d8	101	100	101	1.0	101	101	0.0

QA/QC Batch 76016, Sample No: AJ11201 (aj11135, aj11137)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	129	113	13.2	121	126	4.0
1,1,1-Trichloroethane	ND	130	116	11.4	123	127	3.2
1,1,2,2-Tetrachloroethane	ND	100	87	13.9	103	106	2.9
1,1,2-Trichloroethane	ND	113	102	10.2	111	115	3.5
1,1-Dichloroethane	ND	135	129	4.5	135	138	2.2
1,1-Dichloroethene	ND	133	129	3.1	136	134	1.5
1,1-Dichloropropene	ND	118	105	11.7	113	115	1.8
1,2,3-Trichlorobenzene	ND	103	79	26.4	97	90	7.5
1,2,3-Trichloropropane	ND	97	86	12.0	89	91	2.2
1,2,4-Trichlorobenzene	ND	107	87	20.6	106	101	4.8
1,2,4-Trimethylbenzene	ND	107	96	10.8	108	112	3.6
1,2-Dibromo-3-chloropropane	ND	120	88	30.8	102	102	0.0
1,2-Dichlorobenzene	ND	109	96	12.7	106	108	1.9
1,2-Dichloroethane	ND	128	120	6.5	125	130	3.9
1,2-Dichloropropane	ND	109	95	13.7	106	113	6.4
1,3,5-Trimethylbenzene	ND	108	96	11.8	109	112	2.7
1,3-Dichlorobenzene	ND	107	95	11.9	106	110	3.7
1,3-Dichloropropane	ND	114	102	11.1	107	109	1.9
1,4-Dichlorobenzene	ND	104	92	12.2	104	109	4.7
2,2-Dichloropropane	ND	171	69	85.0	74	79	6.5
2-Chlorotoluene	ND	102	91	11.4	103	109	5.7
4-Chlorotoluene	ND	104	92	12.2	104	108	3.8
Benzene	ND	110	100	9.5	109	113	3.6
Bromobenzene	ND	106	92	14.1	103	106	2.9

QA/QC Data

SDG I.D.: GAJ11135

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Bromochloromethane	ND	109	98	10.6	108	109	0.9
Bromodichloromethane	ND	129	115	11.5	125	130	3.9
Bromoform	ND	136	114	17.6	128	129	0.8
Bromomethane	ND	136	127	6.8	132	124	6.3
Carbon tetrachloride	ND	159	128	21.6	153	146	4.7
Chlorobenzene	ND	112	103	8.4	109	112	2.7
Chloroethane	ND	124	125	0.8	117	127	8.2
Chloroform	ND	116	111	4.4	117	118	0.9
Chloromethane	ND	102	95	7.1	96	80	18.2
cis-1,2-Dichloroethene	ND	103	97	6.0	107	108	0.9
cis-1,3-Dichloropropene	ND	132	88	40.0	103	107	3.8
Dibromochloromethane	ND	131	110	17.4	119	121	1.7
Dibromoethane	ND	119	105	12.5	115	121	5.1
Dibromomethane	ND	117	108	8.0	116	125	7.5
Dichlorodifluoromethane	ND	127	119	6.5	121	67	57.4
Ethylbenzene	ND	110	102	7.5	108	112	3.6
Hexachlorobutadiene	ND	114	93	20.3	119	113	5.2
Isopropylbenzene	ND	116	100	14.8	105	110	4.7
m&p-Xylene	ND	112	102	9.3	109	113	3.6
Methyl t-butyl ether (MTBE)	ND	152	122	21.9	121	131	7.9
Methylene chloride	ND	132	126	4.7	137	140	2.2
n-Butylbenzene	ND	108	94	13.9	108	108	0.0
n-Propylbenzene	ND	104	91	13.3	103	108	4.7
Naphthalene	ND	102	73	33.1	98	90	8.5
o-Xylene	ND	111	100	10.4	109	112	2.7
p-Isopropyltoluene	ND	114	100	13.1	110	112	1.8
sec-Butylbenzene	ND	102	89	13.6	109	113	3.6
Styrene	ND	109	100	8.6	109	113	3.6
tert-Butylbenzene	ND	111	97	13.5	111	116	4.4
Tetrachloroethene	ND	118	103	13.6	111	116	4.4
Toluene	ND	110	102	7.5	109	114	4.5
trans-1,2-Dichloroethene	ND	135	128	5.3	132	135	2.2
trans-1,3-Dichloropropene	ND	143	89	46.6	104	113	8.3
Trichloroethene	ND	112	101	10.3	110	115	4.4
Trichlorofluoromethane	ND	152	154	1.3	140	141	0.7
Vinyl chloride	ND	124	116	6.7	116	103	11.9
% 1,2-dichlorobenzene-d4	105	101	102	1.0	101	103	2.0
% Bromofluorobenzene	97	108	112	3.6	107	105	1.9
% Dibromofluoromethane	110	104	106	1.9	105	102	2.9
% Toluene-d8	102	101	104	2.9	101	101	0.0

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
May 10, 2007

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6.0 Pg 1 of 1

Data Delivery (check one):
☐ Fax #:
☒ Email: jneubeck@alphageoscience.com
Format: ☒ Excel ☐ Pdf ☐ Gis Key

Customer: Alpha Geoscience
Address: 6269 Plank Road
Clifton Park, NY 12065

Project: Former Camaroto Cleaners
Report to: Jean Neubeck
Invoice to: Jean Neubeck

Project P.O: 07108
Phone #: (518) 348-6995
Fax #: (") 348-6966

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5/2/07

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=Oil
GW=groundwater **SL**=sludge **A**=air **X**=Other

Analysis Request

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 524.2	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [✓] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
	11135	mw-1	GW	5/2/07	11:38	X				2						
	11136	mw-2	GW	5/2/07	11:52	X				2						
	11137	mw-3	GW	5/2/07	12:07	X				2						
	11138	mw-4	GW	5/2/07	12:02	X				2						
	11139	Trip Blank	DW	—		X				2						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5/2/07	1585
	[signature]	5/2/07	1002

Comments, Special Requirements or Regulations: Full list 524.2

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☐ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☐ Res. Vol.
☐ Ind. Vol.
☐ RCP Certification

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification
☐ Other

Attachment 3: Email Correspondence between Alpha and Ecolotree

07-3-30 Info to ecolotree for phyto help

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Friday, March 30, 2007 5:57 PM
To: 'Lou Licht'
Subject: RE: Remediation Project in Saratoga County, NY

Lou:

I will review the options with our client and notify you of their decision. I appreciate the knowledge available in the literature and through your website. Thank you for your time, and I'll get back to you as soon as possible next week.

Jean

From: Lou Licht [mailto:lou-licht@Ecolotree.com]
Sent: Friday, March 30, 2007 4:06 PM
To: Jean Neubeck
Subject: RE: Remediation Project in Saratoga County, NY

Jean,
Authorize and I will review the data.

Fight against installing the vapor extraction - you will open and dose a huge oxygen mass into the soil. Waste of $.

Take that budget and put into the plants and strategic time from us.

We will have you send three soil samples directly to A&L lab.
Get three transects in top 3 ft. Need 2 cups per sample.

We want efficacy and to get a 'no further action' requirement.
You want to match the release with reactor capacity. The EBuffer increases that reactor capacity to degrade hydrocarbons.

Thx,
Lou

From: Jean Neubeck [mailto:jneubeck@alphageoscience.com]
Sent: Friday, March 30, 2007 2:38 PM
To: Lou Licht
Subject: RE: Remediation Project in Saratoga County, NY

Thank you for the rapid reply. I will call the client regarding your pre-design authorization; what will the additional testing tell us? Please let us know what data and volume, etc. of soil you will need, if you think that this site is a promising candidate for successful phytoremediation. We also need your mailing address for shipping. We have access to a backhoe and need to get started as soon as possible. We will visit the site this weekend and take photographs. There may be some limiting conditions such as the neighbors' landscaping and utilities.

I do have some technical concerns, and the budget is tight. We may need to install a vapor extraction system to address immediate soil vapor concerns. The area surrounding the building will need to be capped/paved; are you suggesting that the trees be planted just along the site perimeter? Or can we use a temporary SVE system because the trees reduce the soil vapor concentrations?

Will the trees start to make a positive impact on soil vapor or ground water quality this summer? What is the benefit of the trees along the upgradient

boundary (there are overhead electric lines)? Would larger trees (18 foot) provide an "accelerated" start, and would less trees then be required? The northeast winter can be harsh; is there root activity in winter?

Thank you for your help. We look forward to working with you.

Jean

From: Lou Licht [mailto:lou-licht@Ecolotree.com]
Sent: Friday, March 30, 2007 2:48 PM
To: Jean Neubeck
Subject: RE: Remediation Project in Saratoga County, NY

Jean,
My reaction, - increase sorption and biological activity. Increase fractured root zone depth and have ribbons of compost throughout in the poplar root zone.

1. you can plant around the entire building - even on the street side because that still gets west sun.
2. Get excavator and dig in as deep as possible with added compost.
3. Plant the tallest poplar possible as deep as possible. Minimum a 12-ft long tree. We would send tree and you would plant immediately or place in cool area.
4. You need 40 trees depending on if you want double rows where possible to put 8 to 10 feet between the rows. Get the 12 ft rooted if available or tall unrooted pole. We currently have both, but yesterday we had a request for a large site which would gobble the rest of our inventory.
5. Fertility needs to cared for,
6. You can plant for about another month without stresses.
7. If you want us to actually review your data, authorize us for a pre-design budget and we can actually review soils data, arrange for addition agronomic tests, and give you more support than just sending you some trees.
8. We know PCE/TCE.

Good luck,
Lou

From: Jean Neubeck [mailto:jneubeck@alphageoscience.com]
Sent: Friday, March 30, 2007 1:19 PM
To: Lou Licht
Subject: Remediation Project in Saratoga County, NY
Mr. Licht:

We are consultants for a small-scale project in upstate NY to control and remediate ground water that contains low concentrations (5-150 ppb) of PCE and TCE at a former dry cleaner. The regulatory issue is PCE and TCE migration in soil vapor, apparently volatilizing from the shallow ground water. We have reviewed much information from your website, and would like to use phytoremediation along the down gradient property boundaries as a "barrier".

Much site characterization has been completed, including analyzing many soil, soil vapor, and ground water samples. The soil in the vadose zone is not impacted, but the soil vapors are impacting indoor air quality on site and in the two nearest residences. The soil vapors beneath the building range from 300 to 5000 mg/m3. The site is in an urban area, with dimensions of 100 by 50 feet.

The soil is derived from glacial till, and consists of silty sand (0-4'), some clayey/silty zones (4-9'), and contains shale or siltstone rock fragments to the top of weathered bedrock. Highly fractured shale occurs from 10 to 12 feet below grade. The depth to ground water in the soil ranges from 5 to 8 feet below the surface. There does not appear to be a confining layer above the bedrock, i.e., the ground water unit in soil and rock is continuous, with a

downward vertical gradient.

We are limited to performing work on the subject site only. Our goal is to provide hydraulic control and remediate ground water before it migrates off site. A shallow soil vapor extraction system may be installed surrounding the building to remove and control existing and future soil vapors.

Attached is a draft site layout for your consideration. We are requesting your assistance to achieve the maximum benefit from phytoremediation. Please contact me at your earliest convenience to discuss how your company can assist our client. Thank you.

Jean M. Neubeck
Hydrogeologist

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065
www.alphageoscience.com
Telephone: 518-348-6995
Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

07-4-2 Re Planting based on site photos

From: Lou Licht [lou-licht@Ecolotree.com]
Sent: Monday, April 02, 2007 1:27 PM
To: Jean Neubeck
Subject: RE: Remediation Project in Saratoga County, NY

Attachments: 3.8.07 2006 Watertower Abbreviated Year-end report.doc

Jean,
1. I wouldn't put trees on the South side with the power lines.
2. I would put one set of about 10 - 14 trees on the north side.
3. I would put one or two tight rows between the residence.

4. I would put two tight rows on the back (reduce the parking pad), and

Dig these poplar in, plant as you go, stick tree roots subsurface as deep as possible, add compost and fertilizer as you plant.

Check out this report.
Your area is tighter but you aren't going to leave any trench open long.

From: Jean Neubeck [mailto:jneubeck@alphageoscience.com]
Sent: Monday, April 02, 2007 11:51 AM
To: Lou Licht
Subject: RE: Remediation Project in Saratoga County, NY

Lou,

Thank you for speaking with me this morning. Attached are a few photographs so you can see our physical conditions. The photos were taken around 6 PM, i.e. low angle, west sun. The areas for planting will be limited. I was hoping to get a good "jump start" this season, depending on what you recommend and can supply. I'll be in touch later today or tomorrow.

Jean M. Neubeck
Hydrogeologist

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065
www.alphageoscience.com
Telephone: 518-348-6995
Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

From: Lou Licht [mailto:lou-licht@Ecolotree.com]
Sent: Saturday, March 31, 2007 10:02 AM
To: Jean Neubeck
Subject: RE: Remediation Project in Saratoga County, NY

Jean,

Unrooted poles are cheaper - I can get you some 12 footers.
Your excavator operator is a key component in such a tight site. Also the compost is critical. The problem with DNAPLs is that they are deep.

Let me know.

From: Lou Licht [lou-licht@Ecolotree.com]
Sent: Wednesday, April 04, 2007 5:51 PM
To: Jean Neubeck
Subject: RE: Example Project Photos

No geomembrane - rather good mulch. Geomembranes get caught in mowers. Keep the site easy to maintain.

PE in Agricultural and Environmental Engineering - Oregon PE # 10822

Lou

From: Jean Neubeck [mailto:jneubeck@alphageoscience.com]
Sent: Wednesday, April 04, 2007 3:27 PM
To: Lou Licht
Subject: RE: Example Project Photos

We're trying to get the landscaper to visit the site tomorrow also. My understanding from your reply is to plant the trees 6 feet apart.

Would it be beneficial to use a narrow strip of geomembrane or permeable landscaping cover to reduce weeds immediately surrounding the trees, since the plantings will be so close? Or what about mulch just outside the trunk perimeter?

I'll also speak to the client regarding a check, and get you the shipping address for the landscaper. I have not yet confirmed scheduling for the week of April 23. Will you have the lab data before then to recommend amendments and planting specifics? The client and landscaper want to have the materials in order asap, and the landscaper will need your direction.

The work plan will contain the "project team". We will list you as technical support and as a "P.E." and "Ph.D"

Thanks!

Jean

From: Lou Licht [mailto:lou-licht@Ecolotree.com]
Sent: Wednesday, April 04, 2007 3:36 PM
To: Jean Neubeck
Subject: RE: Example Project Photos

Jean,

To get rid of water-soluble organics in the ground, you need to pump water out and develop a healthy microbial system in the root zone. The microbes like root surfaces as their host - so I interplant the whips to occupy the between-tree soil and grow more leaf surface. If a larger rooted tree dies - a neighboring healthy whip still can create the desired out of healthy roots. By having a deeper rooted tree and a shallow whip also changes the possible growing media and potential toxic conditions.

Poplar trees don't like shade, but they respond well to partial direct sun. Once they grow taller than the roof edge - it is off to the races.

I use zip lock bags with wetter soil - not a problem.

The site needs to be easy to mow. Don't plant the site such that mowers will damage

the bark. I would put a small plastic protective sleeve around each base a least 12 inches high.

Lou

From: Jean Neubeck [mailto:jneubeck@alphageoscience.com]
Sent: Wednesday, April 04, 2007 12:58 PM
To: Lou Licht
Subject: RE: Example Project Photos

Lou,

Thank you for your responses; the client wants to proceed. I will be on site tomorrow to collect the soil samples and observe stratigraphy. We also have a NYS-certified landscaper available to supervise the planting.

There's a lot of rain here lately, and the soil samples will be wet. Please send me the lab's phone number and I'll see what they suggest. I also want to verify they receive the samples that will be shipped over the Easter weekend.

We are preparing the required work plan to submit to the NYSDEC.

Jean

From: Lou Licht [mailto:lou-licht@Ecolotree.com]
Sent: Tuesday, April 03, 2007 7:07 PM
To: Jean Neubeck
Subject: RE: Example Project Photos

Jean - see responses added to your message below

From: Jean Neubeck [mailto:jneubeck@alphageoscience.com]
Sent: Tuesday, April 03, 2007 3:26 PM
To: Lou Licht
Subject: RE: Example Project Photos

Lou,

The items you outlined appear OK. What size trees are you providing? I was assuming a fairly developed root system (16-20 feet) to get remediation started asap (we're under pressure due to off-site soil vapor). We've set a drilling date for monitoring wells on April 17, and we'll call the utilities again before we plant. Response: 12 - 14 ft poplar rooted. Put in the ground as deep as possible.

I'm calling the contractor this afternoon to get the soil samples. How does the lab need the soil shipped? Can I collect the samples in labeled ziplock bags, for convenience? Response: Paper bag, no need for fertilization. UPS 2 day is good.

Please review the attached layout that includes 36 trees, 6 feet apart. Response: Put denser in the areas where concentrations are highest.

I'm not sure we can plant more due to property lines and structures; can we "reserve" some trees for replacements? Response: All go in the ground. So whatever I send needs to be planted.

Jean M. Neubeck

07-4-5- Soil for agronomy tests and misc. quest.s

From: Lou Licht [lou-licht@Ecolotree.com]
Sent: Friday, April 06, 2007 9:27 AM
To: Jean Neubeck
Subject: RE: Tree Species

Jean,
Site sounds good actually. Yes care around pipes is important.
Make sure you have an organic-rich compost to also add to the backfill. Plant as deep as possible. You will have 12-14 ft tall trees.

Light will eventually get to the north trees also.

And roots emerge from the entire buried depth. Plant them as deep as possible. Trees sent as bare root with some mulch around the root base.

Tree wrap that expands can work.

Send me the final tree number.

Thx,
Lou

From: Jean Neubeck [mailto:jneubeck@alphageoscience.com]
Sent: Thursday, April 05, 2007 3:11 PM
To: Lou Licht
Subject: RE: Tree Species

Lou,

I collected the soil samples today and will ship for Monday delivery. I'll also send you photos of the test pit soil. The south area (back) has a lot of cobbles, with appreciable silt and clay, and holds a slope to almost eight feet. Depth to ground water is approx. 7 feet and the base of the test pit filled with water.

The east area (side) is much more granular and the banks cave; the excavator will try to get some type of temporary shoring to get a little deeper, or we'll have to stay at six feet to the east. Fractured shale with clay encountered at approx. 6.5 feet in the east area.

One big issue - there's a gas line running through the east area, and a sewer line along the building. The excavator will need to be very careful. He must avoid the gas line, so there will be a few less trees due to utilities and property boundaries. The space in front of the building is limited, but we can probably fit 6 or 7 trees. We'll revise the planting layout, if we can't fit 36. The building to the south is 2-stories, so the light is limited on the north side (front) and south side. But what project doesn't have challenges...

Questions- Will the larger tree roots stay out of the upper two feet?

We met with the landscaper also. He wants to know how the trees will be shipped; "ball and burlap", or bare roots? The answer will dictate where he wants the trees shipped. He also wants to "wrap" the base of the trees. What do you recommend?

Thanks.

Jean

07-4-5- Re tree survival in winter

From: Lou Licht [lou-licht@Ecolotree.com]
Sent: Thursday, April 05, 2007 11:31 AM
To: Jean Neubeck
Subject: RE: Tree Species

Our trees originate at Rhinelander WI. You are safe from cold damage.

Tricocarpa has more problems west of the Cascades.

Thx,
Lou

From: Jean Neubeck [mailto:jneubeck@alphageoscience.com]
Sent: Thursday, April 05, 2007 9:58 AM
To: Lou Licht
Subject: Tree Species

Lou:

I am concerned about tree mortality in the winter. We can get periods of 10+ days of single digits to below zero (24 hours). Can the landscaper use a degradable "waxy"(?) spray for short-term protection? I'm getting a little ahead of the plan, but we need to provide some consideration to maintenance issues in the Work Plan.

Jean M. Neubeck

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065
Telephone: 518-348-6995
Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

07-4-6 Revised phyto layout to Ecolotree

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Friday, April 06, 2007 2:54 PM
To: 'Lou Licht'
Subject: Revised plan for Mechanicville

Attachments: TP-1 soil.JPG; TP-2 soil.JPG; Fractured shale in TP-2.JPG; Test Pit TP-1 location.jpg; Figure 3 - Final IRM Layout.pdf

Lou:

The soil samples were shipped to A&L Laboratory for delivery on Monday, in care of Scott McKee. I asked Scott to send you the report, with a copy to me.

Attached is a revised site layout and photographs of the soil in test pits TP-1 and TP-2. The dark grey in the middle of test pit 2 is platy, fractured, shale at approximately 6-6.5 feet. Ground water presumably is at seven feet, similar to TP-1 located behind the building. There is approximately 12 feet from the building to the property line on the east side; however, there is a wide overhang on the building roof and a septic line along the east wall, so space is tight. My opinion is probably 34 trees.

Please call to discuss.

Jean M. Neubeck
Hydrogeologist

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Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

07-4-17 Payment for trees and delivery schedule, misc.

From: Lou Licht [mailto:lou-licht@Ecolotree.com]
Sent: Wednesday, April 18, 2007 5:27 PM
To: Jean Neubeck
Subject: RE: trees and delivery schedule

Jean,

1. Yes plant the root as deep as possible with tree and compost marbled into the soil.
2. Is there runoff from the roof? You may want to irrigate with a hose but only if needed. Don't plan on normally irrigating.

I have confidence that you will do fine.

Lou

From: Jean Neubeck [mailto:jneubeck@alphageoscience.com]
Sent: Wednesday, April 18, 2007 2:16 PM
To: Lou Licht
Subject: RE: trees and delivery schedule

We can reach 7 to 8 feet south of the building - I thought we'd plant the trees deeper into the water table, yes? The trees along the east side will be 6 feet deep, due to shallow bedrock; will we have to irrigate? I hadn't planned on irrigation.

Jean

From: Lou Licht [mailto:lou-licht@Ecolotree.com]
Sent: Wednesday, April 18, 2007 2:16 PM
To: Jean Neubeck
Subject: RE: trees and delivery schedule

Jean,

We send the trees April 23 for arrival April 25.
You get set up on April 25 and plan on installing April 26.
Try to plant the roots 6" to 12" below the water table and you will need no irrigation system.

Lou

From: Jean Neubeck [mailto:jneubeck@alphageoscience.com]
Sent: Wednesday, April 18, 2007 7:49 AM
To: Lou Licht
Subject: RE: delivery schedule

Lou:

I am scheduling and coordinating so that we will be ready to plant by April 25th,, and I'll confirm with you by Friday morning. We installed wells today and the depth to ground water was approximately 5 to 5.5 feet below grade. The tree spacing will be tight, and we'll off-set some trees near utilities to form a continuous barrier.

07-4-19 Tree shipping sched. & address

From: Lou Licht [lou-licht@Ecolotree.com]
Sent: Thursday, April 19, 2007 4:57 PM
To: Jean Neubeck
Subject: RE: Delivery Schedule

Jean,
They will be sent on Con-Way Monday. I will send you the tracking #.
You will have them Wednesday.
The trees are all bagged and asleep in the refrigerator.

Thx,
Lou

From: Jean Neubeck [mailto:jneubeck@alphageoscience.com]
Sent: Thursday, April 19, 2007 3:38 PM
To: Lou Licht
Cc: kyoung@youngsommer.com
Subject: Delivery Schedule

Lou:

We're ready to plant. Please ship the trees on Monday, as you planned.

The landscaper's shipping address is below. He'll pick up 9 CY of organic-rich compost tomorrow (approximately 120 feet of trench). The landscaper would like the "pro" number of the shipment so he can track it. Please let us know the carrier and the shipping number on Monday. Thanks.

Dave Mastropietro
Surroundings Landscape & Design
117 Vosburgh Road
Mechanicville, NY 12118
(The sign will say "Lucarelli Excavating")

Dave's telephone: 518-664-8755
Mobile phone: 518-365-6609

Jean M. Neubeck
Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065
Telephone: 518-348-6995
Facsimile: 518-348-6966

07-4-20 Sched.for Phyto & well sampling to DEC

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Friday, April 20, 2007 11:17 AM
To: 'bfjankau@gw.dec.state.ny.us'
Cc: 'kyoung@youngsommer.com'
Subject: Schedule for Phytoremediation Planting at Camarota

Attachments: Phyto planting layout 4-19-07.pdf

Brian:

We are ready to implement the phytoremediation component of the Interim Remedial Measures described in the April 11, 2007 Work Plan. This message is notification that Ecolotree® will ship the hybrid poplars to the NYS-certified landscaper (David Mastropietro) on Monday, April 23, 2007. We anticipate receipt of the trees on April 25th. The landscaper will pick up the compost today, and is scheduled to plant trees at the Camarota site next week, on April 26 and 27. The planting trenches will be excavated by personnel from Royal R. Dyer Construction Co., Inc. Alpha Geoscience will be on site to provide photo-documentation. Thirty (30) trees will be planted, with shorter poplar whips planted between the trees. The attached figure indicates the likely planting layout, which may be modified based on the actual locations of subsurface utilities.

Alpha also will purge and sample the four ground water monitoring wells (attached figure) next week. The ground water samples will be submitted to a NYSDOH-approved laboratory for analysis of volatile organic compounds using EPA method 8260. The full list of volatiles will be reported for this pre-remediation sampling event. We will submit copies of the laboratory reports to your office.

Please contact me if you have any questions. Thank you.

Jean M. Neubeck
Hydrogeologist

Alpha Geoscience
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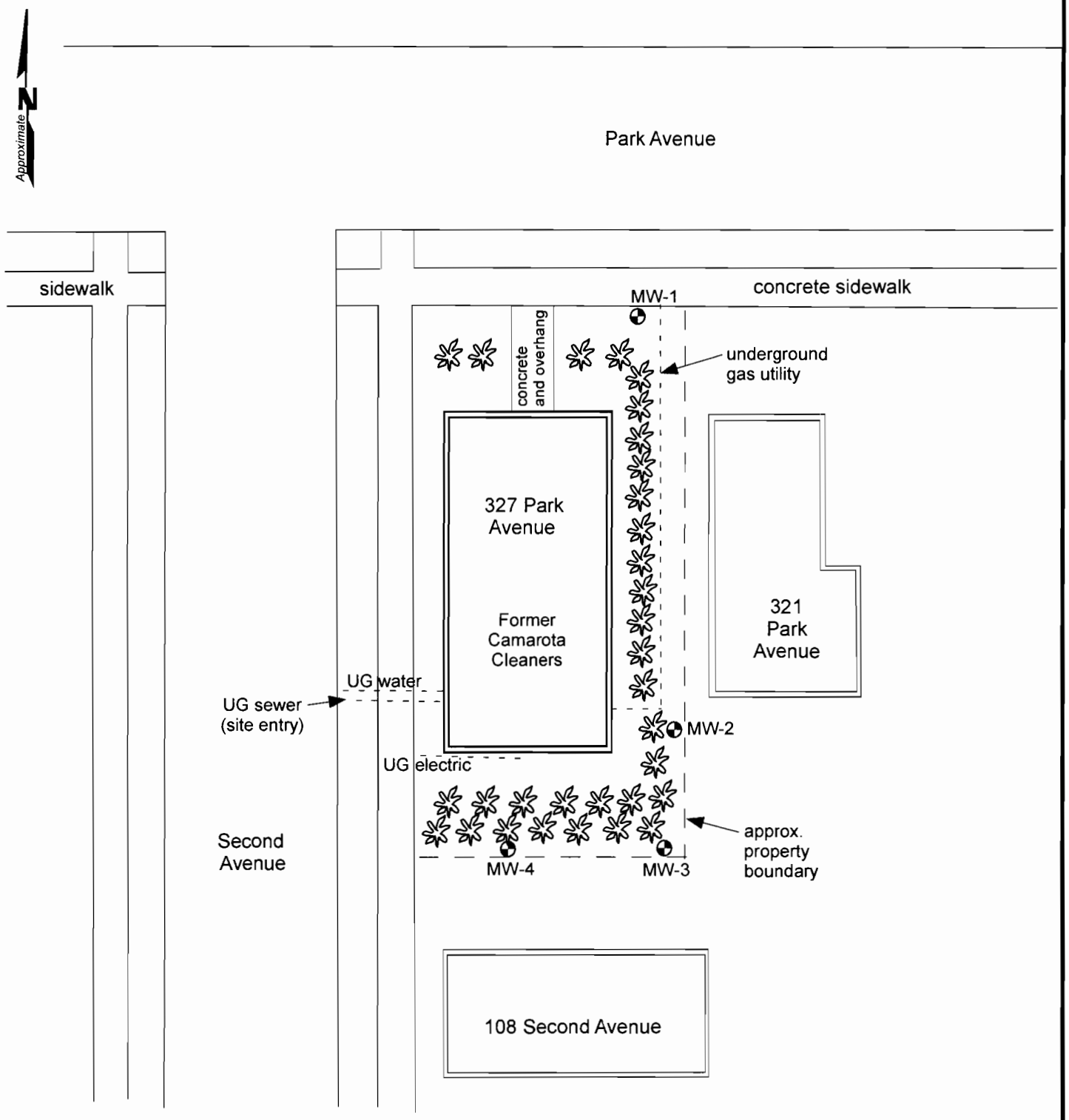
Telephone: 518-348-6995
Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

Attachment 4: Data Collected During Excavating and Planting for Phytoremediation



LEGEND

- approx. location of ground water monitoring well installed on 4-17-07
- hybrid poplar tree

0 10 20 40
Approximate Scale in Feet

ALPHA GEOSCIENCE

FIGURE
PHYTOREMEDIATION
PLANTING LAYOUT

Former Camarota Cleaners
327 Park Avenue

Alpha Project No. 07108

07108\Maps&Figures\Figure 1- Site layout & IRM

Based on Survey by F.J. Metzger, LLS, 2001, and Air Photo from Google Earth

ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

April; 5, 2007

A&L Laboratory
11 Linn Street
Atlantic IA 50022

Re: Samples

Scott McKee:

We are working with Lou Licht, Ecolotree. Please analyze the enclosed six samples for "S3 with texture". Send the results to Lou, with a copy to me. Please contact Lou or me if you have any questions. Thank you.

Sincerely,
Alpha Geoscience

Hydrogeologist

JMN/BMS

Z:\projects\2007\07100-07120\07108 - Camarota Cleaners\letters\2007-4-5 samples to A&L lab.doc

679 Plank Road • Clifton Park, New York 12065 • (518) 348-6995 • Fax (518) 348-6966
www.alphageoscience.com

TP1 (0.5-2')

A&L Heartland Laboratories, Inc.

www.allabs.com
111 Linn Street PO Box 455 Atlantic IA 50022 (712) 243-6933 Fax (712) 243-5213

SOIL ANALYSIS

Client :
Ecolotree
3017 Valley View Lane NEy
North Liberty IA 52317

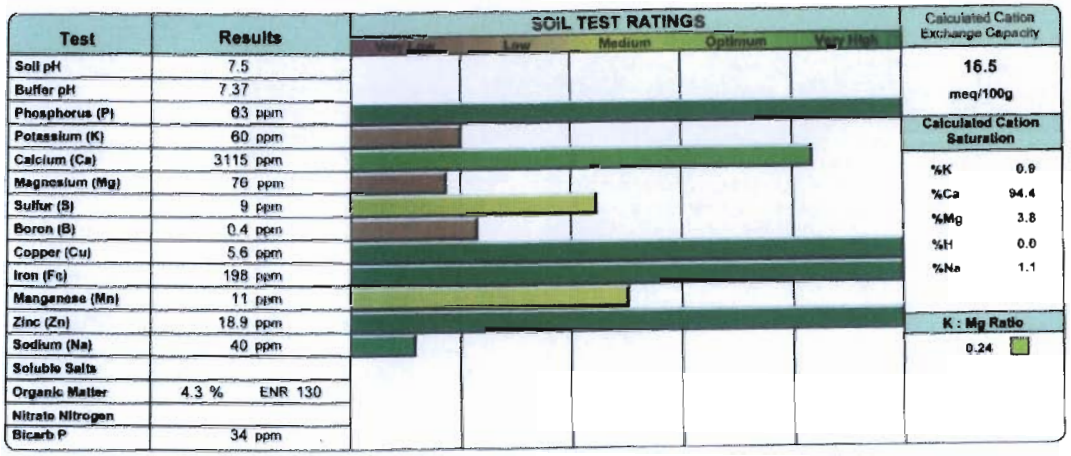
Grower :

Date Received : 04/11/2007

Report No: 07-101-0503
Cust No: 01851
Date Printed: 04/13/2007
Page : 1 of 6

Lab Number : 19812 **Field Id :** **Sample Id :** tp-105-2

Test	Results
Soil pH	7.5
Buffer pH	7.37
Phosphorus (P)	83 ppm
Potassium (K)	60 ppm
Calcium (Ca)	3115 ppm
Magnesium (Mg)	76 ppm
Sulfur (S)	9 ppm
Boron (B)	0.4 ppm
Copper (Cu)	5.6 ppm
Iron (Fe)	198 ppm
Manganese (Mn)	11 ppm
Zinc (Zn)	18.9 ppm
Sodium (Na)	40 ppm
Soluble Salts	
Organic Matter	4.3 % ENR 130
Nitrate Nitrogen	
Bicarb P	34 ppm



Calculated Cation Exchange Capacity
16.5
meq/100g

Calculated Cation Saturation

%K	0.9
%Ca	94.4
%Mg	3.8
%H	0.0
%Na	1.1

K : Mg Ratio
0.24

* Additional results to follow

SOIL FERTILITY GUIDELINES

Crop : **Rec Units:**

(lbs) LIME (tons)	N	P_2O_5	K_2O	Mg	S	B	Cu	Mn	Zn	Fe

Crop : **Rec Units:**

Comments :

TP1 (2-4')

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SOIL ANALYSIS

Client :
Ecolotree
3017 Valley View Lane NEý
North Liberty IA 52317

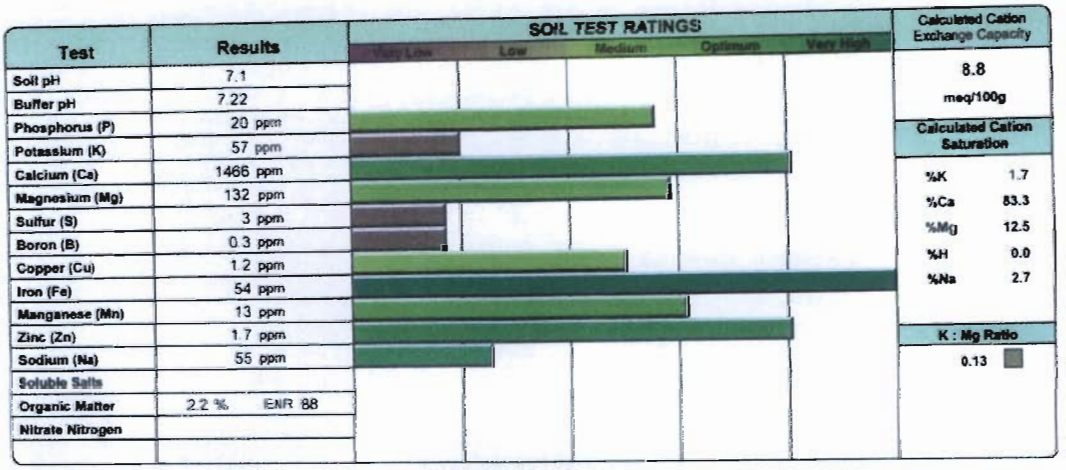
Grower :

Date Received : 04/11/2007

Report No: 07-101-0503
Cust No: 01851
Date Printed: 04/13/2007
Page : 3 of 6

Lab Number : 19814 **Field Id :** **Sample Id :** tp1-2-4

Test	Results
Soil pH	7.1
Buffer pH	7.22
Phosphorus (P)	20 ppm
Potassium (K)	57 ppm
Calcium (Ca)	1466 ppm
Magnesium (Mg)	132 ppm
Sulfur (S)	3 ppm
Boron (B)	0.3 ppm
Copper (Cu)	1.2 ppm
Iron (Fe)	54 ppm
Manganese (Mn)	13 ppm
Zinc (Zn)	1.7 ppm
Sodium (Na)	55 ppm
Soluble Salts	
Organic Matter	2.2 % ENR 88
Nitrate Nitrogen	



Calculated Cation Exchange Capacity	
8.8 meq/100g	
Calculated Cation Saturation	
%K	1.7
%Ca	83.3
%Mg	12.5
%H	0.0
%Na	2.7
K : Mg Ratio	
0.13	

* Additional results to follow

SOIL FERTILITY GUIDELINES

Crop : **Rec Units:**

(lbs) LIME (tons)	N	P_2O_5	K_2O	Mg	S	B	Cu	Mn	Zn	Fe

Crop : **Rec Units:**

Comments

TP1 (6-7')

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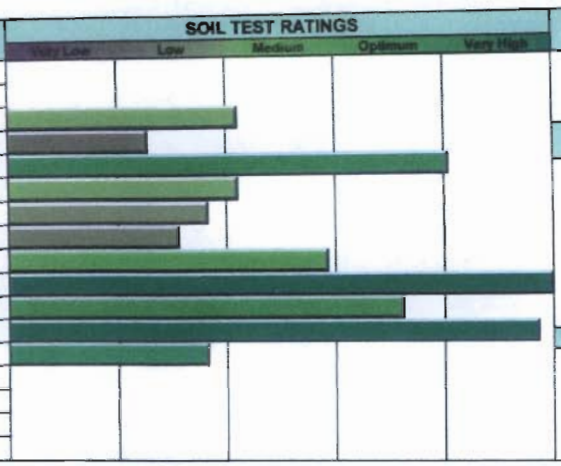
SOIL ANALYSIS

Client : Ecolotree 3017 Valley View Lane NEý North Liberty IA 52317	Grower : Date Received : 04/11/2007	Report No: 07-101-0503 Cust No: 01851 Date Printed: 04/13/2007 Page : 2 of 6

Lab Number : 19813 **Field Id :** **Sample Id :** tp-16-7

Test	Results
Soil pH	7.6
Buffer pH	7.26
Phosphorus (P)	18 ppm
Potassium (K)	66 ppm
Calcium (Ca)	1485 ppm
Magnesium (Mg)	104 ppm
Sulfur (S)	7 ppm
Boron (B)	0.5 ppm
Copper (Cu)	1.5 ppm
Iron (Fe)	62 ppm
Manganese (Mn)	21 ppm
Zinc (Zn)	2.8 ppm
Sodium (Na)	110 ppm
Soluble Salts	
Organic Matter	1.9 % ENR 82
Nitrate Nitrogen	
Bicarb P	9 ppm



Calculated Cation Exchange Capacity	
8.9 meq/100g	
Calculated Cation Saturation	
%K	1.9
%Ca	83.4
%Mg	9.7
%H	0.0
%Na	5.4
K : Mg Ratio	
0.20	

* Additional results to follow

SOIL FERTILITY GUIDELINES

Crop : **Rec Units:**

(lbs) LIME (tons)	N	P_2O_5	K_2O	Mg	S	B	Cu	Mn	Zn	Fe

Crop : **Rec Units:**

Comments :

TP 2 (1-2')

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SOIL ANALYSIS

Client :
Ecolotree
3017 Valley View Lane NEý
North Liberty IA 52317

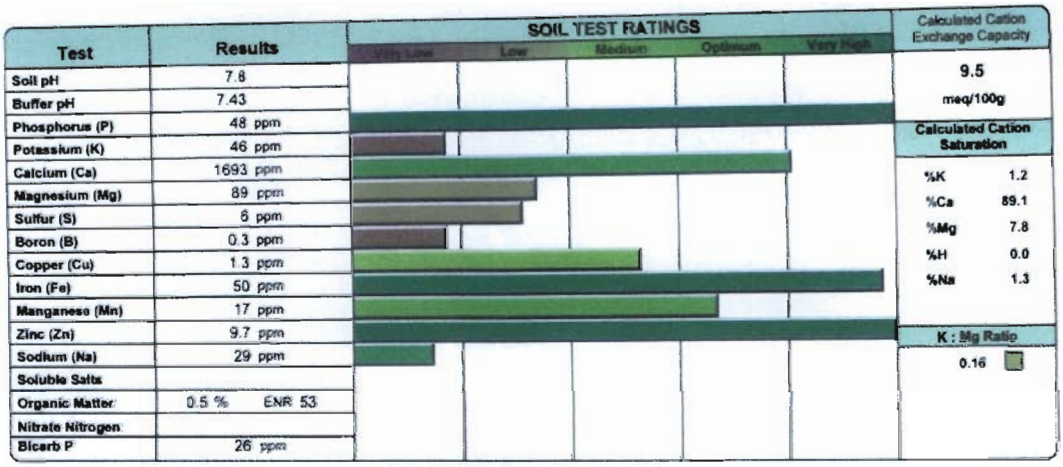
Grower :

Date Received : 04/11/2007

Report No: 07-101-0503
Cust No: 01851
Date Printed: 04/13/2007
Page : 5 of 6

Lab Number : 19816 **Field Id :** **Sample Id :** tp-2-1-2

Test	Results
Soil pH	7.8
Buffer pH	7.43
Phosphorus (P)	48 ppm
Potassium (K)	46 ppm
Calcium (Ca)	1693 ppm
Magnesium (Mg)	89 ppm
Sulfur (S)	6 ppm
Boron (B)	0.3 ppm
Copper (Cu)	1.3 ppm
Iron (Fe)	50 ppm
Manganese (Mn)	17 ppm
Zinc (Zn)	9.7 ppm
Sodium (Na)	29 ppm
Soluble Salts	
Organic Matter	0.5 % ENR 53
Nitrate Nitrogen	
Bicarb P	26 ppm



Calculated Cation Exchange Capacity	
9.5 meq/100g	
Calculated Cation Saturation	
%K	1.2
%Ca	89.1
%Mg	7.8
%H	0.0
%Na	1.3
K : Mg Ratio	
0.16	

* Additional results to follow

SOIL FERTILITY GUIDELINES

Crop : **Rec Units:**

(lbs) LIME (tons)	N	P_2O_5	K_2O	Mg	S	B	Cu	Mn	Zn	Fe
Crop :							**Rec Units:**			

Comments:

TP2 (4-5')

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SOIL ANALYSIS

Client :
Ecolotree
3017 Valley View Lane NEý
North Liberty IA 52317

Grower :

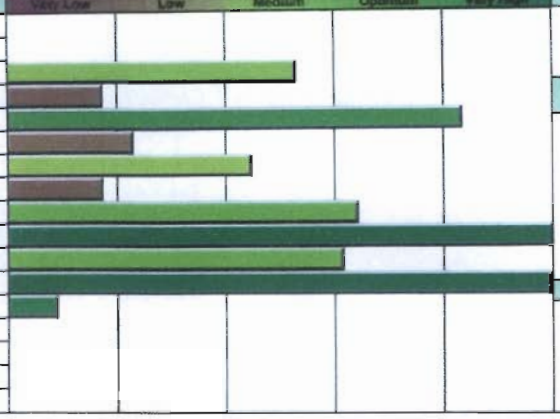
Date Received : 04/11/2007

Report No: 07-101-0503
Cust No: 01851
Date Printed: 04/13/2007
Page : 4 of 6

Lab Number : 19815 **Field Id :** **Sample Id :** tp-2-4-5

Test	Results
Soil pH	8.3
Buffer pH	7.43
Phosphorus (P)	19 ppm
Potassium (K)	49 ppm
Calcium (Ca)	2813 ppm
Magnesium (Mg)	87 ppm
Sulfur (S)	9 ppm
Boron (B)	0.3 ppm
Copper (Cu)	1.7 ppm
Iron (Fe)	87 ppm
Manganese (Mn)	14 ppm
Zinc (Zn)	44.1 ppm
Sodium (Na)	22 ppm
Soluble Salts	
Organic Matter	0.7 % ENR 58
Nitrate Nitrogen	
Bicarb P	11 ppm

SOIL TEST RATINGS
Very Low | Low | Medium | Optimum | Very High



Calculated Cation Exchange Capacity
15.0
meq/100g

Calculated Cation Saturation

%K	0.8
%Ca	93.8
%Mg	4.8
%H	0.0
%Na	0.6

K : Mg Ratio
0.17

* Additional results to follow

SOIL FERTILITY GUIDELINES

Crop : **Rec Units:**

(lbs) LIME (tons)	N	P_2O_5	K_2O	Mg	S	B	Cu	Mn	Zn	Fe

Crop : **Rec Units:**

Comments :

Patent Pending 1999

TP2 (5.5-6')

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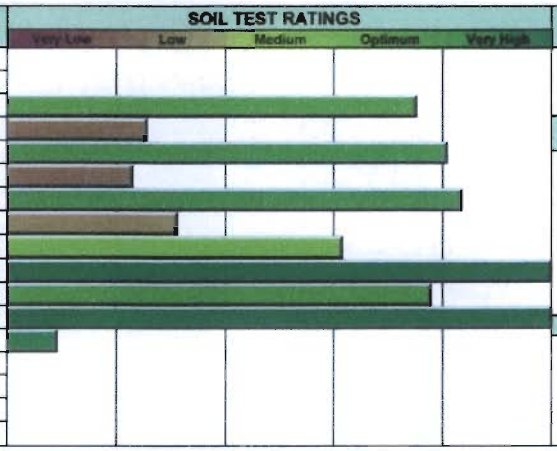
SOIL ANALYSIS

Client:	Grower:	Report No: 07-101-0503
Ecolotree		Cust No: 01851
3017 Valley View Lane NEý		Date Printed: 04/13/2007
North Liberty IA 52317		Page: 6 of 6
	Date Received: 04/11/2007	

Lab Number: 19817 **Field Id:** **Sample Id:** tp-25-5-6

Test	Results
Soil pH	7.9
Buffer pH	7.51
Phosphorus (P)	29 ppm
Potassium (K)	66 ppm
Calcium (Ca)	2474 ppm
Magnesium (Mg)	89 ppm
Sulfur (S)	21 ppm
Boron (B)	0.5 ppm
Copper (Cu)	1.6 ppm
Iron (Fe)	291 ppm
Manganese (Mn)	24 ppm
Zinc (Zn)	100.1 ppm
Sodium (Na)	27 ppm
Soluble Salts	
Organic Matter	1.2 % ENR 68
Nitrate Nitrogen	
Bicarb P	16 ppm



Calculated Cation Exchange Capacity	
13.4 meq/100g	
Calculated Cation Saturation	
%K	1.3
%Ca	92.3
%Mg	5.5
%H	0.0
%Na	0.9
K : Mg Ratio	
0.23	

* Additional results to follow

SOIL FERTILITY GUIDELINES

Crop: **Rec Units:**

(lbs) LIME (tons)	N	P_2O_5	K_2O	Mg	S	B	Cu	Mn	Zn	Fe

Crop: **Rec Units:**

Comments

ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, NY 12065

ORGANIC VAPOR SCREENING LOG

PROJECT: Camorata Cleaners — PAGE 1 of 2
CLIENT: Royal R. Dyer Construction Co., Inc.
LOCATION: Park Avenue, Mechanicville — DATE COLLECTED: 4/26/07
INSTRUMENT USED: MiniRae 2000 & HNU DL101 LAMP: 10.2 eV — DATE ANALYZED: 4/26/07
DATE INSTRUMENT CALIBRATED: 4/26/07 By: JMN — ANALYST: J M Neubeck
TEMPERATURE OF SOIL: warmed to 65°F, ambient readings within soil pile @ ~50° F

Location ID	Sample Number	Depth (ft)	Sample Type	Background Reading (ppm)	Sample Reading (ppm)	Remarks
	Headspace soil samples analyzed during excavating for phytoremediation					
North side						Soil headspace samples using MiniRae PID
NW trench	1	0-2	comp	0.0	0.0	moist
NW trench	2	4-6	grab	0.0	0.0	wet
NW trench	3	4-6	comp	0.0	0.0	wet clay
NW trench	4	6	grab	0.0	0.0	wet clay
NW trench	5	6	comp	0.0	0.0	wet
						Soil headspace samples using MiniRae PID
NE trench	1	0-3	comp	0.0	0.0	moist
NE trench	2	0-3	comp	0.0	0.0	moist
NE trench	3	4-6	grab	0.0	0.0	wet
NE trench	4	4-6	comp	0.0	0.0	wet clay
NE trench	5	6	grab	0.0	0.0	wet clay
NE trench	6	6	comp	0.0	0.0	wet
						Samples analyzed using HNU DL-101
North side of East trench; excav. for first 3 trees	1	0-2	comp	0.8	0.8	moist
	2	4-6	grab	0.7	0.8	moist
	3	4-6	comp	0.7	0.7	moist
	4	5-6	grab	0.7	0.7	moist
	5	6	grab	0.8	0.7	moist
	6	6	comp	0.7	0.7	moist
						Samples analyzed using HNU DL-101
East trench, middle portion, alongside building	1	4-6	comp	0.8	0.7	moist
	2	3-6	comp	0.7	0.7	moist
	3	6	grab	0.7	0.7	moist
	4	0-2	comp	0.5	0.6	dry to moist
	5	2-4	grab	0.6	0.6	moist
	6	4-6	comp	0.6	0.6	moist
	7	6	grab	0.5	0.5	wet soil from "teeth" of bucket

ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, NY 12065

ORGANIC VAPOR SCREENING LOG

PROJECT: Camorata Cleaners — PAGE 2 of 2
CLIENT: Royal R. Dyer Construction Co., Inc.
LOCATION: Park Avenue, Mechanicville — DATE COLLECTED: 4/26/07
INSTRUMENT USED: Mini Rae 2000& HNU DL101#1 — LAMP: 10.2 eV — DATE ANALYZED: 4/26/07
DATE INSTRUMENT CALIBRATED: 4/26/07 — By: JMN — ANALYST: J M Neubeck
TEMPERATURE OF SOIL: warmed to 65°F, ambient readings within soil pile @ ~50° F

Location ID	Sample Number	Depth (ft)	Sample Type	Background Reading (ppm)	Sample Reading (ppm)	Remarks
						Samples analyzed using HNU DL-101
East trench, middle portion, alongside building	8	6	grab	0.5	0.5	wet soil from teeth of bucket
	9	6	grab	0.5	0.5	wet soil from teeth of bucket
	10	4	grab	0.3	0.3	moist
	11	4-5	comp	0.3	0.3	moist
	12	4-5	grab	0.3	0.3	moist to wet, sand and clay
						Samples analyzed using HNU DL-101
East trench, south portion, excav. for last 4 trees	1	0-2	comp	0.3	0.4	moist
	2	2-4	comp	0.4	0.4	moist
	3	3-4	grab	0.5	0.5	moist
	4	4-6	grab	0.6	0.5	moist
	5	5-6	comp	0.6	0.5	moist to wet, clayey soil
	6	6	grab	1.0	0.4	moist to wet, silty clay, soil returned to trench
	7	6	comp	0.6	0.5	moist to wet, clayey soil
	8	6	grab	0.6	0.5	moist to wet clay
excav. for last tree in SE corner	9	5-6	comp	0.6	0.5	moist
	10	6	grab	0.5	0.4	moist
	11	6	grab	0.5	0.4	moist
						Notes:
						1. MiniRae 2000 PID calibrated with isobutylene gas to read 100 ppm, registers vapors as isobutylene.
						2. HNU DI-101 PID calibrated with 100 ppm isobutylene gas to register vapors as bezene at 58 ppm.

ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, NY 12065

ORGANIC VAPOR SCREENING LOG

PROJECT: Camorata Cleaners — PAGE 1 of 2
CLIENT: Royal R. Dyer Construction Co., Inc.
LOCATION: Park Avenue, Mechanicville — DATE COLLECTED: 4/27/07
INSTRUMENT USED: Mini Rae 2000& HNU DL101#1 — LAMP: 10.2 eV — DATE ANALYZED: 4/27/07
DATE INSTRUMENT CALIBRATED: 4/27/07 — By: JMN — ANALYST: J M Neubeck
TEMPERATURE OF SOIL: warmed on vehicle to min. 65°F

Location ID	Sample Number	Depth (ft)	Sample Type	Background Reading (ppm)	Sample Reading (ppm)	Remarks
		Headspace soil samples analyzed during excavating for phytoremediation				
South trench, east portion	1	2-4	grab	0.3	0.3	
	2	2-4	comp	0.4	0.3	
	3	0-2	grab	0.4	0.3	
	4	6-7	grab	0.3	0.3	
	5	7	grab	0.3	0.3	
	6	6.5	grab	0.4	0.3	
	7	6.5	grab	0.3	0.3	
South trench, west portion	1	0-3		0.2	0.2	
	2	2-4		0.3	0.2	
	3	4		0.2	0.2	
	4	5-6		0.2	0.2	
	5	5-6		0.4	0.2	
Note: Soil representing samples 6 through 10 from south trench was returned to excavation	6	6.5		1.1	0.3	5th tree from SE corner, row closest to prop. line; directed operator to put soil back in excav.
	7	7		1.2	0.3	soil represents deepest depth excavated
	8	6.5		2.1	0.3	soil from backhoe "teeth" at base of hole, soil is wet at this location.
	9	6.5		1.1	0.3	6th tree from SE corner
	10	7		0.9	0.3	soil tested is wet, but water is not entering hole
South trench, west portion	11	0-2		0.3	0.3	excav. for 7th tree
	12	4-6		0.2	0.3	
	13	5-6		0.3	0.3	
	14	6		0.4	0.3	
	15	7		0.6	0.3	sample collected from teeth of bucket (deepest)
	16	7		0.4	0.3	sample collected from teeth of bucket (deepest)

ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, NY 12065

ORGANIC VAPOR SCREENING LOG

PROJECT: Camorata Cleaners
CLIENT: Royal R. Dyer Construction Co., Inc.
LOCATION: Park Avenue, Mechanicville
INSTRUMENT USED: Mini Rae 2000& HNU DL101#1 LAMP: 10.2 eV
DATE INSTRUMENT CALIBRATED: 4/27/07 By: JMN
TEMPERATURE OF SOIL: warmed to min. 65°F

DATE COLLECTED: 4/27/07
DATE ANALYZED: 4/27/07
ANALYST: J M Neubeck

Location ID	Sample Number	Depth (ft)	Sample Type	Background Reading (ppm)	Sample Reading (ppm)	Remarks
						Headspace samples from excavated soil that was not returned to tree planting excavations. Sample depths are relative to the soil pile.
Soil Pile	SP-1	2'	grab	0.3	0.3	Temporary stockpile from south trench area, re-screening results while consolidating soil to the back of bldg., and identified as Soil Pile B.
Soil Pile	SP-2	3'	grab	0.2	0.2-0.3	
Soil Pile	SP-3	4'	grab	0.3	0.3	
						Measured depths are relative within soil pile.
Soil Pile A	A-1	2	grab	0.4	0.3	Temporary soil pile A in front of building.
Soil Pile A	A-2	2	grab	0.3	0.3	
Soil Pile A	A-3	1.5	grab	0.3	0.3	
Soil Pile B	B-1	3	grab	0.4	0.3	Temporary soil pile B in back of building.
Soil Pile B	B-2	3	comp (3 pts.)	0.3	0.3	
Soil Pile B	B-3	2.5	grab	0.3	0.3	
Soil Pile B	B-4	2.5	grab	0.3	0.3	
Soil Pile B	B-5	3	grab	0.3	0.3	

Note: The soil from both soil piles A and B was sampled and submitted for laboratory testing of volatiles (8260) and TCLP metals. The piles were staged on and covered with plastic sheeting, pending receipt of the laboratory reports and Category-B lab data deliverables. The analytical results were validated by Alpha Geoscience and submitted to the NYSDEC, with a request to distribute the soil on-site. The soil was determined by the NYSDEC on July 11, 2007, to be acceptable for surficial grading along the areas excavated to plant the poplar trees for phytoremediation.

Attachment 5: Documentation for Soil Disposition from Phytoremediation Excavating

New York State Department of Environmental Conservation
Division of Solid & Hazardous Materials
Bureau of Hazardous Waste and Radiation Management
625 Broadway, Albany, NY 12233-7258
Phone:(518) 402-8594 • **FAX:**(518) 402-8646
Website: www.dec.ny.gov

Alexander B. Grannis
Commissioner

July 11, 2007

Ms. Jean M. Neubeck
Hydrogeologist
Alpha Geoscience
679 Plank Road
Clifton Park, NY 12065

Re: Laboratory Reports and DUSR for Excavated Soil
Former Camatora Cleaners
327 Park Avenue, Mechanicville, NY

Dear Ms. Neubeck:

We have completed our review of the "contained-in" determination submission dated June 14, 2007 for the referenced project. Concentrations detected for individual VOCs were all significantly less than their current "contained-in" soil action levels and Land Disposal Restriction concentrations. In most soil samples, individual VOCs were not detected above the 10 ug/kg (part per billion) reporting limit.

Concentration for tetrachloroethene (perc) detected in all soil samples were below the soil "contained-in" action level, the Land Disposal Restriction concentration and the "Unrestricted Use Soil Cleanup Objective", Table 375-6.8(a).

Your proposal calls to grade the soil on-site in the same areas that were excavated to plant the poplar trees. The soil will be seeded with grass to restore the ground surface . Based on our review of this proposal and the data, the stockpile soils do not have to be managed as hazardous waste. The soils can be re-use on-site, we recommend these soils to be covered with clean fill and topsoil and then seeded, a minimum thickness of six (6) inches between covered material and the re-used soil. Also, you have the option to transported off-site these soils as non-hazardous waste to a permitted solid waste landfill with a liner and leachate collection system, if the material will be transported off-site for disposal provide the name and address of the facility that will receive it .

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-8594.

Sincerely,

Henry Wilkie
Environmental Engineer 1
Hazardous Waste Engineering Eastern Section

ecc: B. Jankauskas, DER
C. Horan, DEE

ALPHA
GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

June 14, 2007

Mr. Henry J. Wilkie
NYSDEC Central Office
625 Broadway
Albany, New York 12233

Re: Laboratory Reports and DUSR for Excavated Soil
Former Camarota Cleaners
327 Park Avenue, Mechanicville, NY

VIA EMAIL

Dear Mr. Wilkie:

Thank you for speaking with me on June 12 regarding the subject property and the soil that currently is staged on-site. This letter provides you with information regarding the soil data that I previously submitted to Brian Jankauskas (NYSDEC) on May 24, 2007. The general site description is included for your background. We are providing our technical interpretation for leaving the subject soil on-site based on the technical data. The soil will be used to restore the site grading and will be seeded to restore the site surface.

Site Background

The attached figure and photographs provide the site layout and show the current conditions (May 2007). The former Camarota Cleaners site is located at the corner of Second Ave. and Park Ave., in the City of Mechanicville (Mechanicville). The property was a former neighborhood dry cleaning facility. The site is approximately 100 feet in length and 50 feet wide, and the vacant building on-site covers much of the surface. The building is surrounded by grass-cover on three sides, with a former asphalt parking area on the south (back) side.

Royal R. Dyer Construction Co., Inc. (Dyer Construction) purchased the property from Mechanicville in late 2000, after the NYSDEC and NYSDOH conducted on-site and off-site investigations and issued a letter to Mechanicville stating that the deminimus concentrations of compounds of concern did not warrant listing the site on the Registry of Inactive Hazardous Waste Disposal Sites. Dyer Construction renovated the building exterior to re-develop the abandoned property, but the interior remains unfinished until a tenant can be retained.

The NYSDEC conducted additional investigations in March 2006 and listed the site due to a new issue of potential vapor intrusion from tetrachloroethene (PCE) and trichloroethene (TCE), which are the "compounds of concern". Dyer Construction submitted documentation to the NYSDEC in mid-April that it is a "bona fide purchaser" under CERCLA. Dyer Construction took measures to control and remediate impacted ground water and vapor intrusion on-site, after they were notified of the Class 2 site status. A "barrier" of poplar trees was planted to initiate phytoremediation in late April 2007, and a sub-slab depressurization system recently was installed inside the building to reduce vapor concentrations beneath the building. Soil was excavated to allow planting of the trees. Excess soil that was not used around the trees was staged and secured in a pile on the site. Alpha collected representative soil samples from the soil pile to confirm its status as "uncontaminated soil", as described below.

Soil Quality

Alpha Geoscience collected three soil samples on April 27, 2007. The samples represent approximately 20 cubic yards of soil that was excavated during the phytoremediation planting on April 26 and 27, 2007. The soil currently is staged in two piles that are lined and covered by plastic. The samples were submitted to a NYSDOH-approved and ASP-certified laboratory for analysis of total volatile organics using method 8260. One of the samples also was analyzed for RCRA metals, using the TCLP method.

The "category-B" deliverables package from York Analytical Laboratories, Inc., was reviewed by Alpha Geoscience's data validator and a Data Usability Summary Report (DUSR) was prepared. The final laboratory report and the DUSR are attached.

The DUSR resulted in qualifying the reported concentrations of methylene chloride and naphthalene as "not detected" in two of the samples. The net analytical results for volatiles indicate that low levels (42, 44, and 58 ug/Kg) of tetrachloroethene were detected in the three samples. A single detection of chloroform at 2ug/Kg and one detection of naphthalene at 18 ug/Kg in one soil sample are the only other valid detections in the three soil samples.

The property area contains mixed residential and commercial uses, with residential property to the east and south of the site. The detected soil concentrations of PCE (42 to 58 ppb) are more than 20 times below the "Unrestricted Use Soil Cleanup Objective" for PCE (1.3 ppm), Table 375-6.8 (a). These analytical results are consistent with the reported PCE concentrations ranging from 3 to 22 ppb in subsurface soil outside the building during the March 2006 investigation. The results of the TCLP metals analyses indicate that the soil is not hazardous for the eight "RCRA" metals.

It is our opinion that the soil qualifies as "uncontaminated soil" suitable for reuse on site, based on the "contained in" provision of TAGM 3038, and 6NYCRR Part 360-1.15 (b) (7) and (8).

A work plan was submitted to the NYSDEC for comment before planting the trees and performing other site work. Although NYSDEC has not provided formal approval of the work plan and there is no formal Agreement, the owner has submitted a request to address its liability, if any, with respect to the site under NYSDEC's Ability to Pay settlement program. This letter is notification that we plan to grade the soil on-site in the same areas that were excavated to plant the poplar trees. The soil will be will be seeded with grass to restore the ground surface. The perimeter fence will be maintained until the grass cover is established. We plan to restore the surface by July 25, 2007.

Please contact me if you will provide any comments regarding this work or our technical interpretation. We appreciate your consideration and time. Thank you.

Sincerely,
Alpha Geoscience

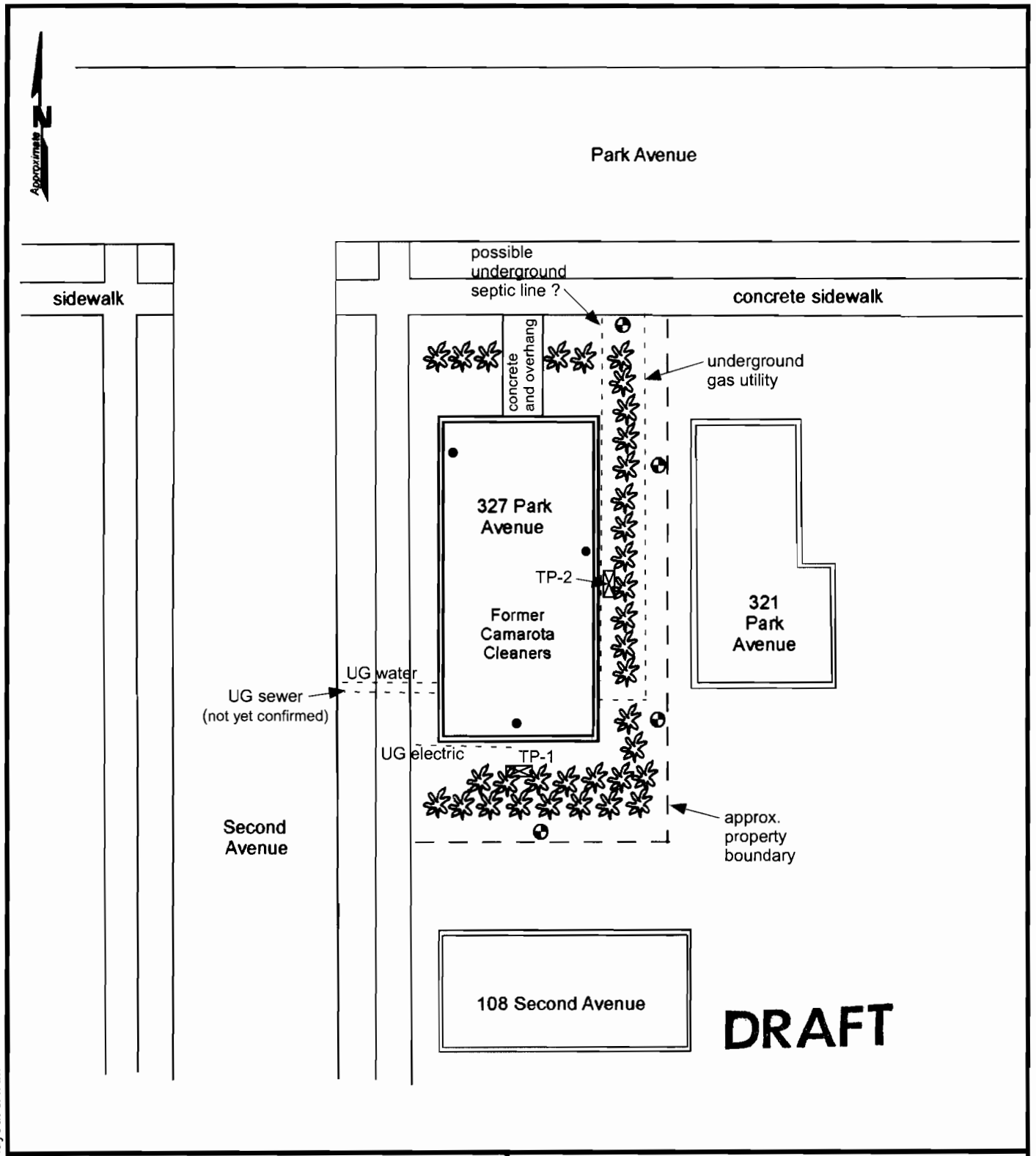
Hydrogeologist

JMN/bms

Attachments: Laboratory Reports
DUSR for Soil Samples
Figure 1 – Site layout and IRM
Site Photographs – May 20, 2007

Cc: Brian Jankauskas, NYSDEC
Christopher Horan, Esq.
Kevin M. Young, Esq.
Dorine Dyer, Dyer Construction

Z:\projects\2007\07100-07120\07108 - Camarota Cleaners\letters, correp\2007-6-14 Soil reuse letter to DEC.doc



LEGEND

- typical sub-slab extraction point (locations to be determined)
- test pit location
- ground water monitoring well
- hybrid poplar tree, with smaller whips (not shown)

0 10 20 40
Approximate Scale in Feet

ALPHA GEOSCIENCE

FIGURE 1
SITE LAYOUT AND INTERIM REMEDIAL MEASURES

Former Camarota Cleaners
327 Park Avenue

Alpha Project No. 07108

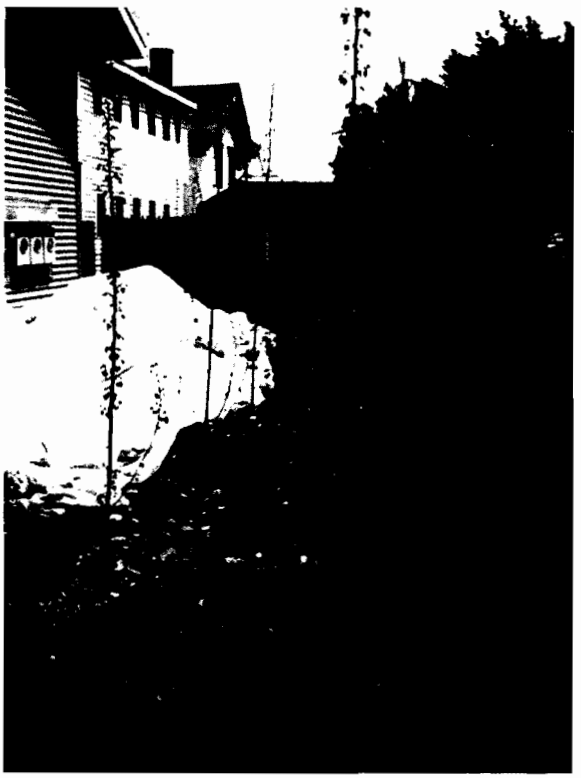
07108\Maps&Figures\Figure 1- Site layout & IRM

Based on Survey by F.J. Metzger, LLS, 2001, and Air Photo from Google Earth

Former Camarota Cleaners
Mechanicville, NY

MAY 20, 2007

Front (north) yard, looking east



South of the building, looking east

East yard, looking north

East yard, looking south

YORK
ANALYTICAL LABORATORIES, INC.

York Analytical Laboratories, Inc.

Final Technical Report

prepared for

Alpha Geoscience
Ms. J.M. Neubeck

Re: Camarota-Mechanicville/07108

York Project No. 07050083

May 15, 2007

Volume 1 of 1

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 5/7/2007
Client Project ID: Camarota-Mechanicville/07108
York Project No.: 07050083

Alpha Geoscience
679 Plank Road
Clifton Park, NY 12065
Attention: J.M.Neubeck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/02/07. The project was identified as your project "Camarota-Mechanicville/07108".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			Soil Pile A		
York Sample ID			07050083-01		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---
1,2,4-Trimethylbenzene			Not detected		10.0
1,3,5-Trimethylbenzene			Not detected		10.0
Benzene			Not detected		2.00
Ethylbenzene			Not detected		10.0
Isopropylbenzene			Not detected		10.0
Methyl-tert-butyl ether			Not detected		10.0
Naphthalene			18	B	10.0
n-Butylbenzene			Not detected		10.0
n-Propylbenzene			Not detected		10.0
o-Xylene			Not detected		10.0
p- & m- Xylenes			Not detected		10.0
p-Isopropyltoluene			Not detected		10.0

YORK

Client Sample ID			Soil Pile A		
York Sample ID			07050083-01		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
sec-Butylbenzene			Not detected		10.0
tert-Butylbenzene			Not detected		10.0
Toluene			Not detected		10.0
Volatiles, 8260 Halogenated Compounds	SW-846 8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10
1,2-Dibromo-3-chloropropane			Not detected		10
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10
1,2-Dichloroethane			Not detected		10
1,2-Dichloroethylene (Total)			Not detected		10
1,2-Dichloropropane			Not detected		10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10
Chloroethane			Not detected		10
Chloroform			2	J	10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Hexachlorobutadiene			Not detected		10
Methylene chloride			Not detected		10
Tetrachloroethylene			58		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10
Total Solids	SM 2540B	%	84.4	---	1.0

YORK

Client Sample ID			Soil Pile B-1		
York Sample ID			07050083-02		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---
1,2,4-Trimethylbenzene			Not detected		10.0
1,3,5-Trimethylbenzene			Not detected		10.0
Benzene			Not detected		2.00
Ethylbenzene			Not detected		10.0
Isopropylbenzene			Not detected		10.0
Methyl-tert-butyl ether			Not detected		10.0
Naphthalene			10	JB	10.0
n-Butylbenzene			Not detected		10.0
n-Propylbenzene			Not detected		10.0
o-Xylene			Not detected		10.0
p- & m- Xylenes			Not detected		10.0
p-Isopropyltoluene			Not detected		10.0
sec-Butylbenzene			Not detected		10.0
tert-Butylbenzene			Not detected		10.0
Toluene			Not detected		10.0
Volatiles, 8260 Halogenated Compounds	SW-846 8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10
1,2-Dibromo-3-chloropropane			Not detected		10
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10
1,2-Dichloroethane			Not detected		10
1,2-Dichloroethylene (Total)			Not detected		10
1,2-Dichloropropane			Not detected		10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10

YORK

Client Sample ID			Soil Pile B-1		
York Sample ID			07050083-02		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Chloroethane			Not detected		10
Chloroform			Not detected		10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Hexachlorobutadiene			Not detected		10
Methylene chloride			44	B	10
Tetrachloroethylene			42		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10
Total Solids	SM 2540B	%	79.2	---	1.0

Client Sample ID			Soil Pile B-2		
York Sample ID			07050083-03		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---
1,2,4-Trimethylbenzene			Not detected		10.0
1,3,5-Trimethylbenzene			Not detected		10.0
Benzene			Not detected		2.00
Ethylbenzene			Not detected		10.0
Isopropylbenzene			Not detected		10.0
Methyl-tert-butyl ether			Not detected		10.0
Naphthalene			7	JB	10.0
n-Butylbenzene			Not detected		10.0
n-Propylbenzene			Not detected		10.0
o-Xylene			Not detected		10.0
p- & m- Xylenes			Not detected		10.0
p-Isopropyltoluene			Not detected		10.0
sec-Butylbenzene			Not detected		10.0
tert-Butylbenzene			Not detected		10.0
Toluene			Not detected		10.0
Volatiles, 8260 Halogenated Compounds	SW-846 8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10

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Client Sample ID			Soil Pile B-2		
York Sample ID			07050083-03		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
1,2-Dibromo-3-chloropropane			Not detected		10
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10
1,2-Dichloroethane			Not detected		10
1,2-Dichloroethylene (Total)			Not detected		10
1,2-Dichloropropane			Not detected		10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10
Chloroethane			Not detected		10
Chloroform			Not detected		10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Hexachlorobutadiene			Not detected		10
Methylene chloride			17	B	10
Tetrachloroethylene			44		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10
Total Solids	SM 2540B	%	81.5	---	1.0

Client Sample ID			Soil Pile B (Comp.)		
York Sample ID			07050083-04		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
TCLP Metals, RCRA List	SW846-1311/6010	mg/L	---	---	---
TCLP Arsenic			Not detected		0.010
TCLP Barium			1.09		0.010

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Client Sample ID			Soil Pile B (Comp.)		
York Sample ID			07050083-04		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
TCLP Cadmium			Not detected		0.005
TCLP Chromium			Not detected		0.005
TCLP Lead			0.043		0.005
TCLP Selenium			Not detected		0.010
TCLP Silver			Not detected		0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	---	0.0002

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 07050083

1. The "RL" is the REPORTING LIMIT and is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This REPORTING LIMIT is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.
8. Other attachments to this report, including Chain-of-custody documentation and Case narratives are hereby made a part of this report.

Approved By: Robert Q. Bradley
Managing Director

Date: 5/7/2007

YORK

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Former Camarota Cleaners, Mechanicville

Data Usability Summary Report
for York Analytical Laboratories, Inc.
York Project No. 07050083
4 Soil Samples
Collected April 27, 2007

Prepared by: Donald Anné
May 24, 2007

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data packs contained the results for 3 soil samples analyzed for total volatiles using method 8260B and 1 soil sample analyzed for the eight RCRA metals by TCLP method.

The overall performances of the analyses are acceptable. York Analytical Laboratories, Inc. did fulfill the requirements of the analytical method for volatiles and the referenced methods for metals.

The majority of the data are acceptable with some minor issues that are identified in the accompanying data validation reviews. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) for samples Soil Pile B-1 and Soil Pile B-2 because the concentrations reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- Positive volatile results for naphthalene were flagged as "not detected" (U) for samples Soil Pile B-1 and Soil Pile B-2 because the concentrations reported in the samples were not significantly greater (more than 5 times) than the associated method blank level.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Z:\projects\2007\07100-07120\07108 - Camarota Cleaners\data validation\5-24-07 DUSR soil char..doc

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Former Camarota Cleaners, Mechanicville

QA/QC Review of Volatiles Data
for York Analytical Laboratories, Inc.
York Project No. 07050083
3 Soil Samples
Collected April 27, 2007

Prepared by: Donald Anné
May 24, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The SPCCs and CCCs were within method 8260B criteria.

The average RRFs for target compounds were above the allowable minimum (0.050), as required.

The %RSD for methylene chloride (34.01%) was above the allowable maximum (30%) on 05-07-07. Positive results for methylene chloride should be considered estimates (J) in associated samples.

Continuing Calibration: The SPCCs and CCCs were within method 8260B criteria.

The CCRFs for target compounds were above the allowable minimum (0.050) and the %Ds were below the allowable maximum (25%), as required.

Blanks: Method blank VBLK01 contained traces of the following compounds. Results for all compounds except methylene chloride that are less than five times the method blank level should be reported as not detected (U) in associated samples. Results for methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated samples.

methylene chloride (5 ug/kg)
trichloroethylene (1 ug/kg)
1,2,4-trichlorobenzene (1 ug/kg)
naphthalene (3 ug/kg)
1,1,1-trichloroethane (1 ug/kg)
1,4-dichlorobenzene (1 ug/kg)
1,2,3-trichlorobenzene (2 ug/kg)

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Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for batch QC, QBV1050407A.

Compound ID: Checked compounds were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

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Former Camarota Cleaners, Mechanicville

QA/QC Review of TCLP Metals Data
for York Analytical Laboratories, Inc.
York Project No. 07050083
1 Soil Sample
Collected April 27, 2007

Prepared by: Donald Anné
May 24, 2007

Holding Times: Sample "Soil Pile B (Comp.)" was prepared and analyzed within NYSDEC holding times.

Initial and Continuing Calibration Verification: The percent recoveries for thallium in CCV1 and CCV2 were below control limits (90-110%). All results for thallium should be considered estimated (J) in associated samples.

CRDL Standard for AA and ICP: The percent recoveries for TCLP metals were within laboratory QC limits (70-130%).

Blanks: The analyses of initial and continuing calibration, and preparation blanks reported TCLP metals as below the CRDLs, as required.

The TCLP extraction blank contained arsenic (11.0 ug/L) above the CRDL. Positive results for arsenic that are less than ten times the TCLP blank should be reported unusable (R) in associated samples. No action is taken because the analytical results reported arsenic as not detected.

ICP Interference Check Sample: The percent recoveries for TCLP metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for TCLP metals were within control limits (75-125%) for spike sample Soil Pile B (Comp.).

Duplicates: The relative percent differences for applicable TCLP metals were below the allowable maximum (20%) in duplicate sample Soil Pile B (Comp.).

Laboratory Control Sample: The percent recoveries for TCLP metals were within control limits (80-120%) in the aqueous LCS.

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Alpha Geoscience
679 Plank Road
Clifton Park, NY 12065
Attention: J.M.Neubeck

Report Date: 5/7/2007
Re: Client Project ID: Camarota-Mechanicville/07108
York Project No.: 07050083

CT License No. PH-0723 New York License No. 10854

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

YORK

Case Narrative

York SDG No. 07050083

Introduction

Four (4) soil samples were received on May 2, 2007. The samples were received intact in a custody-sealed cooler. Upon receipt, the temperature of the cooler was determined. The cooler temperature was 4.3 °C at time of receipt as measured by a NIST traceable digital infrared thermometer. Chain-of-custody was maintained from receipt through analysis in the laboratory.

Methodology

The client requested analysis of the sample for target Volatiles and RCRA metals by EPA SW846 methods. All preparation and analyses were conducted according to the SW-846 methods as detailed in the following table.

Parameter	Preparative Method	Analysis Method
Volatiles,	5035B	8260B
Metals, RCRA	1311	
	3010A	6010B
Mercury	1311	7470A

Preparation/Analysis

Volatiles

No problems were encountered during analysis of the samples in this SDG, except as noted below.

The method blank for batch QBV1050407A contained methylene chloride at 5 ppb, 1,1,1-trichloroethane at 1J ppb, trichloroethylene at 1J ppb, 1,4-dichlorobenzene at 1J ppb, 1,2,4-trichlorobenzene at 1J ppb, naphthalene at 3J ppb, and 1,2,3-trichlorobenzene at 2J ppb. These compounds, if detected, are flagged accordingly. Acetone and tetrahydrofuran, which are non-target compounds, were also found in the blank at 2J ppb and 1J ppb, respectively.

Dibromochloromethane was erroneously reported at 3J ppb in sample Soil Pile B-1. This compound is not detected in this sample, since there is no presence of mass 127. The report has been modified to reflect the corrected result.

All initial and continuing calibrations, BFB data, internal standard areas, surrogate recoveries, matrix spike/matrix spike duplicate recoveries and precision and LCSs meet method/SOP criteria.

It is noted that batch QC was used for the MS/MSD for the SDG

Metals (except mercury)

No problems were encountered with the preparation or analysis of these samples other than those detailed below.

All ICV, CCV, CRI, ICS criteria were met.

It is noted that the sample spike and duplicate was done on client sample Soil Pile B (Comp.). Both the spike and the duplicate were within method/SOP criteria. It is also noted that the serial dilution for this SDG was done on batch QC.

In the LCS, selenium recovered at 941.5ug/L, which is below the lower recovery limit of 969ug/L. However, this recovery is within the laboratory limits of 85-115% (90%).

The ICB contained lead at 1.6ug/L. CCB2 contained lead at 1.9ug/L. The TCLP blank contained arsenic at 11ug/L, selenium at 4.5ug/L, lead at2.5ug/L and cadmium at 0.6ug/L. Although these metals were detected above the instrument detection limit, they are still below the reporting limit for each metal, with the exception of arsenic in the TCLP blank (RL for As = 10.0ug/L).

Mercury

No problems were encountered with the preparation or analysis of these samples other than those detailed below.

All ICV, CCV, ICB, and CCB criteria were met.

It is noted that the sample spike and duplicate were done on client sample Soil Pile B (Comp.). Both the spike and the duplicate results were within method/SOP criteria.

SDG 07050083 Statement

We certify that these data are in compliance with SOP requirements both technically and for completeness for other than the conditions stated above. Release of the data contained in the hard copy report has been authorized by the Laboratory Manager as verified by the following signature.

Approved by: _____ Date: May 15, 2007

Robert Q. Bradley
Managing Director

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

01D50083

Company Name	Report To:	Invoice To:	Project ID/No.	
Alpha Geoscience 679 Plank Road Clifton Park, NY 12065	same c/o J. M. Neubeck	same	Camarota - Mechanicville Alpha No. 07108	J M Neubeck Samples Collected By (Signature) Jean M. Neubeck Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	Soil Pile A	4/27/07 4:30 PM		X			8260 NYS DEC STARS petrol. plus chlorinated solvents - Category B	(1) 8-oz. jar chilled
	Soil Pile B-1	4/27/07 4:40 PM		X			8260 NYS DEC STARS petrol. plus chlorinated solvents - Category B	(1) 8-oz. jar chilled
	Soil Pile B-2	4/27/07 4:45 PM		X			8260 NYS DEC STARS petrol. plus chlorinated solvents - Category B	(1) 8-oz. jar chilled
	Soil Pile B (comp.)	4/27/07 4:50 PM		X			TCLP RCRA (8) metals Category B	(1) 8-oz. jar chilled

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	J M Neubeck Sample Relinquished by	4/30/07 16:50 Date/Time	V Marie Rowan Sample Received by	4-30-07 16:50 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time

Comments/Special Instructions

4.30

Turn Around Time

___Standard ___RUSH(define)_____

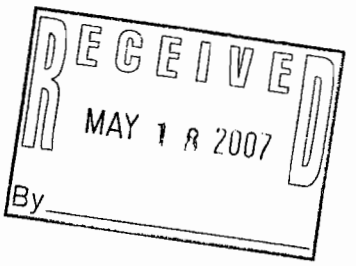
YORK
ANALYTICAL LABORATORIES, INC.

York Analytical Laboratories, Inc.

Final Technical Report

prepared for

Alpha Geoscience
Ms. J.M. Neubeck



Re: Camarota-Mechanicville/07108

York Project No. 07050083

May 15, 2007

Volume 1 of 1

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 5/7/2007
Client Project ID: Camarota-Mechanicville/07108
York Project No.: 07050083

Alpha Geoscience
679 Plank Road
Clifton Park, NY 12065
Attention: J.M.Neubeck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/02/07. The project was identified as your project "Camarota-Mechanicville/07108".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			Soil Pile A		
York Sample ID			07050083-01		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---
1,2,4-Trimethylbenzene			Not detected		10.0
1,3,5-Trimethylbenzene			Not detected		10.0
Benzene			Not detected		2.00
Ethylbenzene			Not detected		10.0
Isopropylbenzene			Not detected		10.0
Methyl-tert-butyl ether			Not detected		10.0
Naphthalene			18	B	10.0
n-Butylbenzene			Not detected		10.0
n-Propylbenzene			Not detected		10.0
o-Xylene			Not detected		10.0
p- & m- Xylenes			Not detected		10.0
p-Isopropyltoluene			Not detected		10.0

YORK

Client Sample ID			Soil Pile A		
York Sample ID			07050083-01		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
sec-Butylbenzene			Not detected		10.0
tert-Butylbenzene			Not detected		10.0
Toluene			Not detected		10.0
Volatiles, 8260 Halogenated Compounds	SW-846 8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10
1,2-Dibromo-3-chloropropane			Not detected		10
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10
1,2-Dichloroethane			Not detected		10
1,2-Dichloroethylene (Total)			Not detected		10
1,2-Dichloropropane			Not detected		10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10
Chloroethane			Not detected		10
Chloroform			2	J	10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Hexachlorobutadiene			Not detected		10
Methylene chloride			Not detected		10
Tetrachloroethylene			58		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10
Total Solids	SM 2540B	%	84.4	---	1.0

YORK

Client Sample ID			Soil Pile B-1		
York Sample ID			07050083-02		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---
1,2,4-Trimethylbenzene			Not detected		10.0
1,3,5-Trimethylbenzene			Not detected		10.0
Benzene			Not detected		2.00
Ethylbenzene			Not detected		10.0
Isopropylbenzene			Not detected		10.0
Methyl-tert-butyl ether			Not detected		10.0
Naphthalene			10	JB-L	10.0
n-Butylbenzene			Not detected		10.0
n-Propylbenzene			Not detected		10.0
o-Xylene			Not detected		10.0
p- & m- Xylenes			Not detected		10.0
p-Isopropyltoluene			Not detected		10.0
sec-Butylbenzene			Not detected		10.0
tert-Butylbenzene			Not detected		10.0
Toluene			Not detected		10.0
Volatiles, 8260 Halogenated Compounds	SW-846 8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10
1,2-Dibromo-3-chloropropane			Not detected		10
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10
1,2-Dichloroethane			Not detected		10
1,2-Dichloroethylene (Total)			Not detected		10
1,2-Dichloropropane			Not detected		10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10

YORK

Client Sample ID			Soil Pile B-1		
York Sample ID			07050083-02		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Chloroethane			Not detected		10
Chloroform			Not detected		10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Hexachlorobutadiene			Not detected		10
Methylene chloride			44	BU	10
Tetrachloroethylene			42		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10
Total Solids	SM 2540B	%	79.2	---	1.0

Client Sample ID			Soil Pile B-2		
York Sample ID			07050083-03		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---
1,2,4-Trimethylbenzene			Not detected		10.0
1,3,5-Trimethylbenzene			Not detected		10.0
Benzene			Not detected		2.00
Ethylbenzene			Not detected		10.0
Isopropylbenzene			Not detected		10.0
Methyl-tert-butyl ether			Not detected		10.0
Naphthalene			7	JB U	10.0
n-Butylbenzene			Not detected		10.0
n-Propylbenzene			Not detected		10.0
o-Xylene			Not detected		10.0
p- & m- Xylenes			Not detected		10.0
p-Isopropyltoluene			Not detected		10.0
sec-Butylbenzene			Not detected		10.0
tert-Butylbenzene			Not detected		10.0
Toluene			Not detected		10.0
Volatiles, 8260 Halogenated Compounds	SW-846 8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10

YORK

Client Sample ID			Soil Pile B-2		
York Sample ID			07050083-03		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
1,2-Dibromo-3-chloropropane			Not detected		10
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10
1,2-Dichloroethane			Not detected		10
1,2-Dichloroethylene (Total)			Not detected		10
1,2-Dichloropropane			Not detected		10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10
Chloroethane			Not detected		10
Chloroform			Not detected		10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Hexachlorobutadiene			Not detected		10
Methylene chloride			17	BU	10
Tetrachloroethylene			44		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10
Total Solids	SM 2540B	%	81.5	---	1.0

Client Sample ID			Soil Pile B (Comp.)		
York Sample ID			07050083-04		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
TCLP Metals, RCRA List	SW846-1311/6010	mg/L	---	---	---
TCLP Arsenic			Not detected		0.010
TCLP Barium			1.09		0.010

YORK

Client Sample ID			Soil Pile B (Comp.)		
York Sample ID			07050083-04		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
TCLP Cadmium			Not detected		0.005
TCLP Chromium			Not detected		0.005
TCLP Lead			0.043		0.005
TCLP Selenium			Not detected		0.010
TCLP Silver			Not detected		0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	---	0.0002

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 07050083

1. The "RL" is the REPORTING LIMIT and is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This REPORTING LIMIT is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.
8. Other attachments to this report, including Chain-of-custody documentation and Case narratives are hereby made a part of this report.

Approved By: Robert Q. Bradley
Managing Director

Date: 5/7/2007

YORK

Attachment 6: Documentation for the Removal of an Underground Fuel Oil Storage Tank

ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, NY 12065

ORGANIC VAPOR SCREENING LOG

PROJECT: Camorata Cleaners — PAGE 1 of 1
CLIENT: Royal R. Dyer Construction Co., Inc.
LOCATION: Park Avenue, Mechanicville — DATE COLLECTED: 4/27/07
INSTRUMENT USED: Mini Rae 2000& HNU DL101#1 LAMP: 10.2 eV — DATE ANALYZED: 4/27/07
DATE INSTRUMENT CALIBRATED: 4/27/07 By: JMN — ANALYST: J M Neubeck
TEMPERATURE OF SOIL: warmed on vehicle to min. 65°F

Location ID	Sample Number	Depth (ft)	Sample Type	Background Reading (ppm)	Sample Reading (ppm)	Remarks
						Soil headpace samples analyzed in the field during the excavation and removal of a 275-gallon underground storage tank
UST excav.	1	4	grab	0.4	0.3	soil against tank wall; no odor
UST excav.	2	4	grab	0.5	0.3	soil against tank wall; no odor
UST excav.	3	5-6	grab	0.5	0.3	alongside base of tank
UST excav.	4	5-6	grab	0.5	0.3	at tank bottom
UST excav.	5	6	grab	0.5	0.3	south end of tank
UST excav.	6	7	grab	0.6	0.3	below base of tank
UST excav.	7	7.5	grab	0.5	0.3	approx. 0.5 - 1' below tank bottom
UST excav.	8	8	grab	0.4	0.3	approx. 1.5' below tank bottom, sample collected from "teeth" of backhoe bucket
						Note: Laboratory grab sample collected from beneath tank, sample depth 7 to 7.5 feet below grade. Sample submitted for analysis of petroelum VOCs and SVOCs.

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Alpha Geoscience
679 Plank Road
Clifton Park, NY 12065
Attention: J.M.Neubeck

Report Date: 5/7/2007
Re: Client Project ID: Camarota-Mechanicville / #07108
York Project No.: 07050079

CT License No. PH-0723 New York License No. 10854

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 5/7/2007
Client Project ID: Camarota-Mechanicville / #07108
York Project No.: 07050079

Alpha Geoscience
679 Plank Road
Clifton Park, NY 12065
Attention: J.M.Neubeck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/02/07. The project was identified as your project "Camarota-Mechanicville / #07108".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			**UST (7-7.5')**	
York Sample ID			**07050079-01**	
Matrix			**SOIL**	
Parameter	**Method**	**Units**	**Results**	**MDL**
Volatiles, STARS List	SW846-8260	ug/Kg	---	---
1,2,4-Trimethylbenzene			Not detected	10.0
1,3,5-Trimethylbenzene			Not detected	10.0
Benzene			Not detected	2.00
Ethylbenzene			Not detected	10.0
Isopropylbenzene			Not detected	10.0
Methyl-tert-butyl ether			Not detected	10.0
Naphthalene			Not detected	10.0
n-Butylbenzene			Not detected	10.0
n-Propylbenzene			Not detected	10.0
o-Xylene			Not detected	10.0
p- & m- Xylenes			Not detected	10.0
p-Isopropyltoluene			Not detected	10.0
sec-Butylbenzene			Not detected	10.0
tert-Butylbenzene			Not detected	10.0
Toluene			Not detected	10.0

YORK

Client Sample ID			UST (7-7.5')	
York Sample ID			07050079-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---
Acenaphthene			Not detected	165
Acenaphthylene			Not detected	165
Anthracene			Not detected	165
Benzo[a]anthracene			Not detected	165
Benzo[a]pyrene			Not detected	165
Benzo[b]fluoranthene			Not detected	165
Benzo[g,h,i]perylene			Not detected	165
Benzo[k]fluoranthene			Not detected	165
Chrysene			Not detected	165
Dibenz[a,h]anthracene			Not detected	165
Fluoranthene			Not detected	165
Fluorene			Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165
Naphthalene			Not detected	165
Phenanthrene			Not detected	165
Pyrene			Not detected	165

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 07050079

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: _____ **Date:** 5/7/2007

for Robert Q. Bradley
Managing Director

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AD31637 07-May-07

Client: Alpha Geoscience

Analysis Name: ***Base Neutral fraction QC*** **Batch Name:** $BNS-22861 **QA Sample #:** AD31637
Unit of Measure: ug/kg **York's Sample ID:** 07050079-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Pyrene	77	Not detected	Not detected	100	90	**90.0**	79	**79.000**	**13.0**
N-Nitroso-di-n-propy	48	Not detected	Not detected	100	43	**43.0**	41	**41.000**	**4.8**
Acenapthene	73	Not detected	Not detected	100	72	**72.0**	55	**55.000**	**26.8**
2,4-Dinitrotoluene	71	Not detected	Not detected	100	76	**76.0**	60	**60.000**	**23.5**
1,4-Dichlorobenzene	47	Not detected	Not detected	100	32	**32.0**	26	**26.000**	**20.7**
1,2,4-Trichlorobenze	53	Not detected	Not detected	100	43	**43.0**	37	**37.000**	**15.0**

Associated Samples: AD31637 07-May-07

Client: Alpha Geoscience

Analysis Name: ***VOA QC Soils*** **Batch Name:** $VOAS-22862 **QA Sample #:** AD31637
Unit of Measure: ug/kg **York's Sample ID:** 07050079-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Trichloroethylene	82	Not detected	Not detected	50	42	**84.0**	44	**88.0**	**4.7**
Toluene	84	Not detected	Not detected	50	44	**88.0**	47	**94.0**	**6.6**
Chlorobenzene	88	Not detected	Not detected	50	46	**92.0**	50	**100.0**	**8.3**
Benzene	98	Not detected	Not detected	50	55	**110.0**	51	**102.0**	**7.5**
1,1-Dichloroethylene	94	Not detected	Not detected	50	54	**108.0**	51	**102.0**	**5.7**

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

07052079

Company Name	Report To:	Invoice To:	Project ID/No.	
Alpha Geoscience 679 Plank Road Clifton Park, NY 12065	same c/o J.M. Neubeck	same	Camarota-Mechanicville Alpha No. 07108	J M Neubeck Samples Collected By (Signature) Jean M. Neubeck Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	UST (7-7.5')	4/27/07 2:10 & 2:12 PM		X			OK-JMN 8260 NYSDEC "STARS" petrol. list 8270 NYSDEC "STARS" B/N list	2 x 8oz. jars (chilled)

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	J M Neubeck Sample Relinquished by	4/30/07 16:45 Date/Time	Martin Rivera Sample Received by	4-30-07 16:45 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	5/2/07 Sample Received in LAB by	9:30A Date/Time

Comments/Special Instructions Please include batch QA/QC analyses.
Please report 8260 & 8270 (B/N) - NYS STARS list of petrol. compounds

Turn-Around Time
X Standard ___ RUSH(define)_____

OK JMN 4/27

P.O. Box 331
Ravena, NY 12143
Phone: 518-756-6527
Fax: 518-756-6527

Albany Tank Services, Inc.

Fax

To: Jeanie Neubeck **From:** Dale Hitchcock

Fax: 348-6966 **Date:** June 15, 2007

Phone: **Pages:** ~~4 pages~~ 2 PAGES

☐ **Urgent** ☑ **For Review** ☐ **Please Comment** ☑ **Please Reply** ☐ **Please Recycle**

WEIGHMASTER CERTIFICATE
TRUCK SCALE

SIMS|HUGO NEU

HUDSON RIVER RECYCLING
PORT OF ALBANY
ALBANY, NEW YORK 12202
(518) 465-2288 ☐ FAX (518) 465-4240
N.Y.S. D.M.V. 7002740SCP

TICKET #: TENWDE

Purchased From: ALBA06
ALBANY TANK SERVICE
P.O. BOX 331
RAVENA NY

HUDSON RIVER

~~Veh # TK TENWDE ID # ALBTANK~~ Vendor BG

SHPMNT#	COMMODITY	GROSS	TARE	NET	ADJ REASON	# CARS	PD WT
TENWDE	UNPREP #1 HMS	33400A	31880A	1520			1520

ALL WEIGHTS ARE REPORTED IN POUNDS UNLESS OTHERWISE INDICATED. ALL NON-POUND WEIGHTS ARE ASSUMED TO BE MANUAL WEIGHTS

TOTALS	33400	31880	1520	1520

WEIGHMASTER SIGNATURE _____

CUSTOMER SIGNATURE _____

GRS Date	05/17/07
GRS Time	12:16
TRE Date	05/17/07
TRE Time	12:23

GROSS TONS .6785

A=SCALE 1 B=SCALE 2 C=SCALE 3 D=SCALE 4 M=MANUAL WEIGHT

THIS IS TO CERTIFY THAT I DELIVERED THE ABOVE MATERIAL FOR THE NAMED SUPPLIER. This will also certify that I, on behalf of the above named supplier, am familiar with SIMS|HUGO NEU list of unacceptable/prohibited materials, and that the above load does not contain any unacceptable/prohibited materials, including any Class I (chlorofluorocarbons) or Class II (hydrochlorofluorocarbons) refrigerants (FREON), which under the federal Clean Air Act must be reclaimed, not vented. HRR-1 (Rev 11/06)

ALBANY TANK SERVICES, INC.

NON-HAZARDOUS WASTE MANIFEST

P.O. Box 331 • Ravena, NY 12143
(518) 756-6527

JOB NUMBER _____ PICK-UP NUMBER 0088

GENERATOR

Generator Name Royal Pores
Address 159 South Pearl St
Meeting ville NY
Phone No. 518-6643540

Generating Location Address Same
Phone No. ___-_____

Description of Waste	Check	Containers No.	Containers Type	Total Quantity	Unit Wt/Vol
Waste Flammable Liquid N.O.S. (_____) UN 1993 II					
Waste Combustible Liquid N.O.S. (_____) NA 1993 III					
Oil Soaked Dirt/Debris					
Gasoline Soaked Dirt/Debris					
Other - Explain Tank Bottoms	✓	001	TT	2000	

X _____
Generator Authorized Agent Name

TRANSPORTER

Transporter Name Albany Tank Services, Inc.
Address P.O. Box 331
Ravena, NY 12143
Phone No. 518-7566527

Driver Name (print) Ryan Allen
Vehicle License No./State 21956 TT NY
Vehicle 43
In case of Emergency, call 1-518-756-6527

Driver Signature _____ Shipment Date 05 07 07

NYS D.E.C. Permit# 4A - 330
EPA# NYR000060087

DESTINATION

Site Name Industrial Oil
Address 120 Dry rd Colonie NY
Phone No. 518-736-6680

recieved 5-18-07 Frank Adams

PAGE 1 - TRANSPORTER COPY PAGE 2 - TSD FACILITY COPY PAGE 3 - GENERATOR COPY

ALBANY TANK SERVICES, INC.

NON-HAZARDOUS WASTE MANIFEST

P.O. Box 331 • Ravena, NY 12143
(518) 756-6527

JOB NUMBER _____ PICK-UP NUMBER 0129

GENERATOR

Billing
Generator Name R. Royal Dyer Construction Co., Inc.
Address 159 So. Pearl St.
Mechanicville 12118
Phone No. 518-6643540

Generating Location corner of Park Ave & 2nd Ave
Address Mechanicville, NY 12118
Phone No. vacant

Description of Waste	Check	Containers No.	Containers Type	Total Quantity	Unit Wt/Vol
Waste Flammable Liquid N.O.S. (_____) UN 1993 II					
Waste Combustible Liquid N.O.S. (_____) NA 1993 III					
Oil Soaked Dirt/Debris					
Gasoline Soaked Dirt/Debris					
Other - Explain Water	✓	001	TT	6102	Gal

As Agent
Generator Authorized Agent Name

TRANSPORTER

Transporter Name Albany Tank Services, Inc.
Address P.O. Box 331
Ravena, NY 12143
Phone No. 518-7566527

Driver Name (print) Ryan Allen
Vehicle License No./State 260138, NY
Vehicle #3
In case of Emergency, call 1-518-756-6527

Driver Signature
Shipment Date 042707

NYS D.E.C. Permit# 4A - 330
EPA# NYR000060087

DESTINATION

Site Name Paradise Energy Inc. Phone No. 631-5801292
Address 10 Quimby St, Ossining NY

JSH 5-1-07

PAGE 1 - TRANSPORTER COPY PAGE 2 - TSD FACILITY COPY PAGE 3 - GENERATOR COPY

Attachment 7: Email Correspondence to/from Alpha Related to Technical Issues and Progress

Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Monday, September 17, 2007 11:09 AM
To: 'Brian Jankauskas'
Cc: 'Kevin Young'
Subject: RE: Camarota Cleaners (546044) - Groundwater Sampling

Brian:

We understand that the attorney for Dyer Construction (Dyer) is trying to schedule a meeting next week with the NYSDEC to discuss the "ability to pay" settlement. That meeting may be scheduled next week, when we tentatively scheduled the "fall" ground water sampling. Dyer has asked Alpha Geoscience to postpone the well sampling until that meeting occurs.

We understand from our telephone conversation this morning that you will proceed and sample some of the lower tree limbs and also collect ground water samples from the four monitoring wells next week. As we discussed, we will keep you notified of our schedule but we will not duplicate the NYSDEC's work, if you collect the ground water samples. For your information, the well casings are 1-inch in diameter and are installed from approximately 11 to 12 feet below grade. There is a black mark on the tops of the PVC casings to indicate the reference point where the well elevations were surveyed and where the depth to water is measured. Please contact me if you need additional information. Thank you.

Jean M. Neubeck

Alpha Geoscience

679 Plank Road

Clifton Park, New York 12065

Telephone: 518-348-6995

Facsimile: 518-348-6966

From: Brian Jankauskas [mailto:bfjankau@gw.dec.state.ny.us]
Sent: Monday, September 17, 2007 9:24 AM
To: jneubeck@alphageoscience.com
Subject: Camarota Cleaners (546044) - Groundwater Sampling

Jean,

Please let me know if you are still intending to collect groundwater samples at Camarota on September 25th as we previously discussed. Based on my schedule I will be available during the morning.

Regards,
Brian

Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]

Sent: Monday, August 27, 2007 5:43 PM

To: 'Kevin Young'

Subject: Status and Schedule for the Camarota Site, Mechanicville

Kevin:

Brian Jankauskas (NYSDEC) informed me that NYSDEC will perform work both on and off site at the former Camarota Cleaners, as authorized by the Division of Environmental Enforcement. The NYSDEC contractor's work on-site will include installing and sampling one bedrock monitoring well on the south side of the property, at the back of the building. They will not disrupt the trees that were planted for phytoremediation. The actual field work likely will be scheduled in late November, after the contractor's work scope and work plans are authorized and approved. The NYSDEC contractor also will sample air quality in the adjacent, off-site, residences during the coming heating season, and they will collect ground water samples from all the monitoring wells in December.

Brian asked Alpha to notify him when we plan to sample the four on-site monitoring wells in September. The NYSDEC plans to collect a few twig and/or leaf samples for laboratory analysis in September to evaluate evidence of phytoremediation activity before the end of the growing season. The September 2007 ground water sampling event is the last activity this year to be undertaken by Dyer Construction. We will prepare a summary report in November before the NYSDEC conducts its field work, if Dyer Construction authorizes us.

We understand from your recent message that the NYSDEC has not yet responded to the "ability to pay" settlement. Please contact me, if the settlement affects Alpha's planned sampling in September. Thank you.

Copy: Dorine Dyer, via facsimile

Jean M. Neubeck

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065
Telephone: 518-348-6995
Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

Jean Neubeck

From: Brian Jankauskas [bfjankau@gw.dec.state.ny.us]
Sent: Thursday, August 16, 2007 9:03 AM
To: Jean Neubeck
Subject: Re: Phytoremediation Articles and Camarota

Jean,

Thanks for the links.

Brian

>>> "Jean Neubeck" <jneubeck@alphageoscience.com> 08/15/07 6:34 PM >>>
Brian:

I appreciated your call today and discussing your thoughts regarding the Camarota site. There are many articles on the "web" regarding phytoremediation, but I've attached a few links below that you might review. One of the articles provides some research insight on what parameters you might check in the leaves/twigs for evidence of chlorinated VOC activity, if you are determined to do so. We respectfully request that you do not consider using any potentially destructive methodologies to sample the trees at this time. I have been advised that the goal during the first growing season is to "establish" the trees, and that the second and third years should produce measurable results. We remain optimistic that hydraulic control and reductions in ground water concentrations will occur. The site conditions have existed for many years; it is our opinion that the effectiveness of phytoremediation will be evaluated by the ground water concentration trends.

We will notify you in advance when we schedule sampling the ground water in September, as we discussed. Please do not hesitate to contact me, if you have any other comments. Thank you.

http://www.uga.edu/water/GWRC/Papers/Nzengungv%20-%20GWRCPAPER%20March23.pdf

http://www.blackwell-synergy.com/doi/abs/10.1111/j.1745-6592.2006.00124.x

http://doi.wiley.com/10.1002/047127304X.ch19

Jean M. Neubeck
Hydrogeologist

Alpha Geoscience
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Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Thursday, August 09, 2007 12:19 PM
To: 'ntf01@health.state.ny.us'
Subject: FW: Status of Camarota Cleaners

Nate:

I realize that I need your mailing address and contact information. Please reply with same. Thank you.

Jean M. Neubeck

From: Jean Neubeck [mailto:jneubeck@alphageoscience.com]
Sent: Thursday, August 09, 2007 12:13 PM
To: 'bfjankau@gw.dec.state.ny.us'
Cc: 'ntf01@health.state.ny.us'; 'kyoung@youngsommer.com'; 'Mark W. Schnitzer, P.E. (aesinc@nycap.rr.com)'
Subject: Status of Camarota Cleaners

Brian:

Dyer Construction distributed the excavated soil during July, and seeded the exposed areas. Alpha Geoscience monitors the site conditions every month, and we will forward photographs next week of the trees planted for phytoremediation. The sub-slab depressurization system continues to operate. I will forward to you and the NYSDOH copies of the installation report prepared by Alpine Environmental Services.

Alpha will submit the site data and information to the NYSDEC this fall; the site owner has requested postponing the summary report for financial reasons. We will notify you immediately if there is any significant change in the site status. We are available to respond to any questions you may have, in the meantime. Thank you.

Jean M. Neubeck
Hydrogeologist

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065
www.alphageoscience.com
Telephone: 518-348-6995
Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]

Sent: Thursday, May 31, 2007 11:26 AM

To: 'bfjankau@gw.dec.state.ny.us'; 'ntf01@health.state.ny.us'

Cc: 'kyoung@youngsommer.com'; 'Mark Schnitzer'

Subject: Operation of Sub-Slab Depressurization System at Camarota Cleaners, Mechanicville

Brian, Nate:

Alpine Environmental Services, Inc. (Alpine) informs us that the sub-slab depressurization system (SSDS) is installed and was activated at the former Camarota Cleaners site yesterday evening, May 30, 2007. Alpine will prepare a SSDS report within the next few weeks which will be provided to the NYSDEC and NYSDOH. Please contact me, or you may contact Mark Schnitzer, P.E. (Alpine) at 518- 453-0146 (ext. 303), if you have any technical questions. Thank you.

Jean M. Neubeck
Hydrogeologist

Alpha Geoscience
679 Plank Road
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Telephone: 518-348-6995
Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Friday, May 25, 2007 4:05 PM
To: 'ntf01@health.state.ny.us'
Cc: 'bfjankau@gw.dec.state.ny.us'; 'kyoung@youngsommer.com'
Subject: FW: Former Camarota Cleaners site, 337 Park Avenue, Mechanicville

This message is resent due to an error in the address for Nate Freeman, NYSDOH. Please note the correct address above.

Jean M. Neubeck

From: Jean Neubeck [mailto:jneubeck@alphageoscience.com]
Sent: Friday, May 25, 2007 3:30 PM
To: 'ntf01@help.state.ny.us'
Cc: 'bfjankau@gw.dec.state.ny.us'; 'kyoung@youngsommer.com'
Subject: Former Camarota Cleaners site, 337 Park Avenue, Mechanicville

Nate:

This message is notification that the SSDS at the subject site will be completed and activated next week. This system was installed to enhance site remediation. There currently is no vapor exposure because the building is vacant. The installation contractor, Alpine Environmental Services, Inc., will prepare a report for the system that will be provided to you.

Please note that the building interior is unfinished, and significant work would be required to prepare the building for occupancy. The owner has no plans to finish the building. The owner would notify the NYSDOH and the NYSDEC in advance of future plans, if any, to complete the building or occupy the interior.

Please contact me if you have any questions. Thank you for your assistance.

Jean M. Neubeck
Hydrogeologist

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Email: jneubeck@alphageoscience.com

Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]

Sent: Thursday, May 24, 2007 4:37 PM

To: 'kyoung@youngsommer.com'

Subject: Contact from NYSDOH Re Camarota SSDS

Kevin:

This message documents a telephone call I received today at 3:00 PM from Rich Fedigan (Section Chief, Region 5) and Nate Freeman (Project Manager) of the NYSDOH. They informed me that they noticed work at the Camarota property while they were in the area. They contacted the NYSDEC and ascertained there is no NYSDEC project review because there is no Consent Order agreement. They informed me that the NYSDOH is not constrained by the lack of a C.O., and requested to be "kept in the loop". I informed them that the building is vacant and there are no plans to occupy the site, and that the sub-slab depressurization system (SSDS) likely is already installed. Nonetheless, they expressed concerned that a SSDS is "being installed for the eventual protection of the public", and wanted to review the design.

I told them we welcome their input, and provided the telephone numbers for Alpine Environmental Service's office (453-0146) and Mark Schnitzer's cell (469-3805). I invited them to call the engineer (Schnitzer) and assured them that we would provide them specific SSDS information. I reminded them that the building would not be occupied for several years and reiterated that we appreciated their willingness to participate. I assured them we would submit information to them, whether directly from Alpha or through the attorney. They seemed to appreciate our cooperation, and they will call Alpine. They provided the following email and telephone contact for future correspondence: ntf01@health.state.ny.us (email for Freeman) and office phone: 402-7870.
ntf01@health.state.ny.us
I also contacted Mark Schintzer on his cell phone at 3:05 PM, and told him to expect a call from Fedigan or Freeman. Mark is amenable to receiving calls/input from the NYSDOH and verified his understanding that the SSDS is installed and ready for start-up testing, although he has not spoken to his field person today. Mark will provide to us the data that NYSDOH requests. I also called Dorine Dyer and updated her regarding these calls, and told her that I would notify you.

Jean M. Neubeck

Alpha Geoscience
679 Plank Road
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www.alphageoscience.com
Telephone: 518-348-6995
Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Thursday, May 24, 2007 12:00 PM
To: 'bfjankau@gw.dec.state.ny.us'
Cc: 'kyoung@youngsommer.com'
Subject: Lab Reports and DUSR for soil at Camarota Cleaners
Attachments: 2007-5-24 Soil Analyses, DUSR & DV documents.pdf

Brian:

Attached are the final laboratory report and the Data Usability Summary Report (DUSR) prepared by Alpha Geoscience for soil samples collected from the Camarota Cleaners site. The three samples represent approximately 20 cubic yards of soil that were excavated during the phytoremediation planting on April 26 and 27, 2007. The soil currently is staged in two piles that are lined and covered by plastic.

The DUSR resulted in qualifying the reported concentrations of methylene chloride and naphthalene as "not detected" in two of the samples. The net analytical results for volatiles indicate that low levels (42, 44, and 58 ug/Kg) of tetrachloroethene were detected in the three samples. A single detection of chloroform at 2ug/Kg and one detection of naphthalene at 18 ug/Kg in one soil sample are the only other valid detections in the three samples. The reported concentrations of tetrachloroethene are below the TAGM 4046 recommended soil cleanup objective value of 1.4 ppm. The results of the TCLP metals analyses indicate that the soil is not hazardous for the eight "RCRA" metals.

We plan to use the soil on-site in the same areas that were excavated to plant the poplar trees. Topsoil will be added to the surface after distributing the excavated soil, and the topsoil will be seeded with grass to restore the ground surface. It is Alpha's understanding that Kevin Young, Esq., will submit a letter to the NYSDEC with the attached documents.

Please contact me if you have any questions. Thank you.

Jean M. Neubeck
Hydrogeologist

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065
www.alphageoscience.com
Telephone: 518-348-6995
Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Tuesday, May 22, 2007 1:03 PM
To: 'bfjankau@gw.dec.state.ny.us'
Cc: 'kyoung@youngsommer.com'
Subject: Status of Camarota Site
Attachments: 5-20-07.pdf; MW results table May 2007.pdf; soil piles character. samples 4-27-07.pdf

Brian:

This message provides the status of work at the former Camarota Cleaners in Mechanicville.

1) Alpine Environmental Services, Inc. (Alpine) will perform diagnostics and install a sub-slab depressurization system inside the vacant building starting on Wednesday, May 23, 2007. We will forward the data and design information to you upon receipt from Alpine.
2) A summary table is attached for the baseline ground water samples collected on May 5, 2007. The results indicate concentrations ranging from less than 1 to 70 ug/l of solvent-related compounds were detected in the four monitoring wells.
3) The laboratory analyses are attached for characterizing the excavated soil that currently is staged on site. The results indicate the soil is not characteristically hazardous for volatiles and metals. The reported concentrations of detected volatiles are below the TAGM 4046 criteria. A "DUSR" will be prepared to validate the laboratory data. It is anticipated that this soil will be spread on site. The ground surface then will be restored by adding topsoil from an off-site source and re-seeding.
4) The laboratory results from the abandoned 550-gallon heating oil UST indicate that no volatile or semi-volatile petroleum compounds were detected in the soil sample collected beneath the tank.
5) We have attached site photographs taken on May 20, 2007, showing the poplar trees that were planted on April 26 and 27th.

We will submit a summary report of site activities to you in June 2007. Please contact me in the interim, if you have any questions.

Jean M. Neubeck
Hydrogeologist

Alpha Geoscience
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www.alphageoscience.com
Telephone: 518-348-6995
Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

file copy
w/out lab rpt. attachment

TABLE
Summary of Ground Water Quality Analyses

Former Camarota Cleaners
327 Park Avenue, Mechanicville, NY

		Well ID and Sampling Date			
	NYSDEC Standard (TOGS 1.1.1)	MW-1	MW-2	MW-3	MW-4
		5/2/2007	5/2/2007	5/2/2007	5/2/2007
VOC Compound					
1,1,1,2-Tetrachloroethane	5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	1	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	5	<0.5	<0.5	0.69	<0.5
1,2-Dichloroethane	0.6	<0.5	<0.5	<0.5	<0.5
Carbon tetrachloride	5	<0.5	<0.5	<0.5	<0.5
Chloroethane	5	<0.5	<0.5	<0.5	<0.5
Chloroform	7	<0.5	<0.5	<0.5	<0.5
Chloromethane	5	<0.5	<0.5	<0.5	<0.5
cis-1,2-Dichloroethene	5	12	<0.5	70	5.3
Methylene chloride	5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	5	43	30	17	35
trans-1,2-Dichloroethene	5	<0.5	<0.5	4.1	1.3
Trichloroethene	5	21	1.8	32	11
Vinyl chloride	2	<0.5	<0.5	26	1.5
TOTAL VOLATILES		**76**	**32**	**150**	**54**

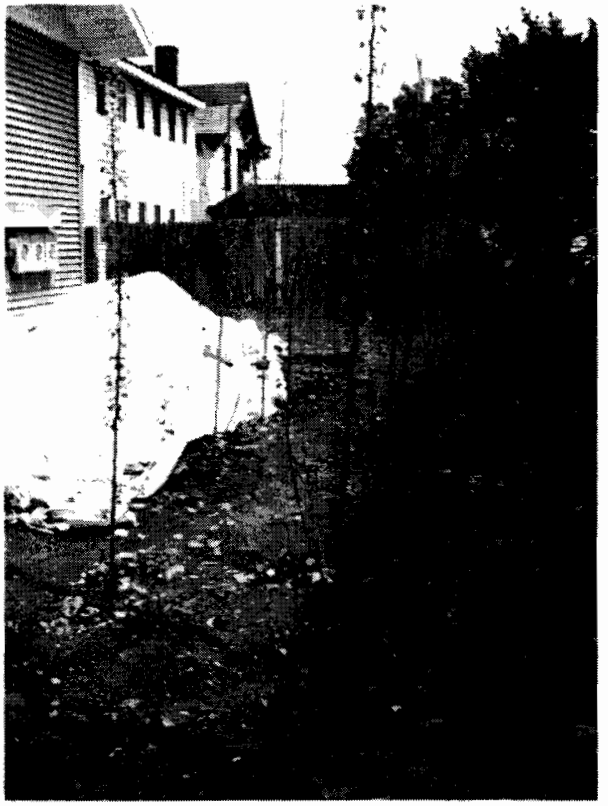
Notes:

1. All results are reported in micrograms per liter (ug/L), approximately parts per billion (ppb).
2. "<0.5" indicates the compound was not detected at that reporting limit.

Former Camarota Cleaners
Mechanicville, NY

MAY 20, 2007

Front (north) yard, looking east



South of the building, looking east

East yard, looking north

East yard, looking south

Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Monday, May 21, 2007 10:30 AM
To: 'Mark Schnitzer'
Cc: 'kyoung@youngsommer.com'
Subject: RE: Mechanicville SSDS Schedule

Mark:

Please install the SSDS, as scheduled. Please notify us of your start time on May 23rd, and Dyer will arrange to unlock the building for you at 327 Park Avenue.

Jean M. Neubeck
Hydrogeologist

Alpha Geoscience
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Clifton Park, New York 12065
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Telephone: 518-348-6995
Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

From: Mark Schnitzer [mailto:MarkS@Alpineenv.com]
Sent: Wednesday, May 16, 2007 2:56 PM
To: Jean Neubeck
Subject: Mechanicville SSD System

Hi Jean,

I just wanted to confirm May 23-25, 2007 for the design and installation of the Sub Slab Depressurization System as per Proposal dated April 6, 2007. I still need the address for the property and how we will gain access.

Thanks

Mark Schnitzer, P.E.
Environmental Engineer

Alpine Environmental Services, Inc.
1146 Central Avenue
Albany, New York 12205
email: MarkS@AlpineEnv.com
ph (518) 453-0146 Ext. 303
fax (518) 453-0175

Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Monday, May 07, 2007 2:28 PM
To: 'bfjankau@gw.dec.state.ny.us'
Cc: 'kyoung@youngsommer.com'
Subject: Tank removal at Camarota Cleaners, Mechanicville

Brian:

This message is to inform you that Albany Tank cleaned and removed from the site today, the abandoned 550-gallon tank that was excavated on April 27th. Albany Tank will provide Alpha with the disposal documentation for the tank bottoms and scrap metal.

Jean M. Neubeck
Hydrogeologist

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065
www.alphageoscience.com
Telephone: 518-348-6995
Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Friday, May 04, 2007 1:08 PM
To: 'bfjankau@gw.dec.state.ny.us'
Cc: 'kyoung@youngsommer.com'
Subject: Status of Work at Camarota Cleaners, Mechanicville

Brian:

This message provides the current status of implementing the IRM at the former Camarota Cleaners, Park Avenue, Mechanicville.

1. The poplar trees for phytoremediation were planted on April 26 and 27, 2006. Alpha Geoscience (Alpha) was on-site to monitor environmental conditions and field-screen samples of the excavated soil. No odors or dust was observed during the work. Most of the soil was returned to the respective planting location from which it was excavated, per the Work Plan. We have not yet planted the "whips" between the larger trees; however, excavating will not be required to plant the whips. We have not yet scheduled planting the whips. There currently are two covered and secured soil piles staged on site. We collected representative soil samples from each pile, and submitted the samples for analyses of volatiles and TCLP metals.

2. Alpha measured water levels and collected "baseline" ground water samples from the four monitoring wells on May 2nd. The small volume of purge water was collected and is staged in a drum inside the building. The laboratory results will be tabulated and submitted to you, upon our receipt and review.

3. A small, abandoned, underground fuel oil tank (550 gallons) was encountered in the south-east area of the property on April 27th, and was removed. Alpha performed a site assessment and screened soil surrounding the old tank. As I informed you via telephone on April 27, no evidence of a release was observed during the site assessment; therefore, a spill was not reported. Alpha collected a representative sample set beneath the tank and submitted the samples for analysis of volatile and semi-volatile petroleum compounds, in accordance with NYSDEC policy. Alpha will provide a summary to the NYSDEC to document the tank removal and site assessment data.

4. Alpine Environmental Services has tentatively scheduled performing the necessary diagnostic testing and installing the sub-slab depressurization system starting about May 23rd. We will notify you of the exact dates, after the schedule is firm.

Alpha will compile the supplemental investigation and IRM data, and provide a summary of the site activities and status. We anticipate that the summary report will be submitted to you in middle to late June 2007. We will continue to provide data and work status updates via email, in the interim. Please contact me if you have any questions.

Jean M. Neubeck
Hydrogeologist

Alpha Geoscience
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www.alphageoscience.com
Telephone: 518-348-6995
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Email: jneubeck@alphageoscience.com

FAX TRANSMISSION

YOUNG, SOMMER . . . L.L.C.
(YOUNG, SOMMER, WARD, RITZENBERG, BAKER & MOORE, LLC)
Executive Woods
5 Palisades Drive
Albany, New York 12205
phone: 518-438-9907
fax: 518-438-9914

TO: Christopher Horan
Jean Neubeck
Dorine Dyer
Michael DiFabio

FROM: Kevin Young, Esq.

DATE: April 23, 2007 NO. OF PAGES: 2

FAX NO. 402-9019
348-6966
664-2222
459-1038

RE: Royal R. Dyer Construction Co., Inc.

MESSAGE:
Please see attached letter.

COPY TO FOLLOW BY MAIL: YES _____ NO _X___

If you have any problems with this transmission, please contact Betsy Wykes 438-9907 at Ext. 255.

YOUNG, SOMMER ... LLC

Young, Sommer, Ward, Ritzenberg, Baker & Moore, LLC

COUNSELORS AT LAW

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LAWRENCE R. SCHILLINGER

PARALEGAL
GREGORY D. FAULKNER

WRITER'S TELEPHONE EXTENSION: 225
KYOUNG@YOUNGSOMMER.COM

April 23, 2007

VIA TELECOPY

Christopher H. Horan
Senior Attorney
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233

Re: Royal R. Dyer Construction Co., Inc.

Dear Mr. Horan:

This fax is in response to your voice mail of last week. As identified in my letter to you dated April 16, 2007, Royal R. Dyer Construction Co., Inc. ("Dyer") is attempting to take all steps necessary to qualify for the bona fide purchaser exemption under CERCLA. In order to control and prevent any release of contaminants from the site, Dyer is arranging for the installation of the sub-slab depressurization system underneath the building and a phyto remediation system to lower and treat the groundwater table and four groundwater monitoring wells. At the same time, Dyer does not have the financial wherewithal to enter into an Order on Consent with the Department agreeing to implement an Interim Remedial Measure ("IRM"). In lieu of an IRM Order, Dyer requests that the Department review the tax returns submitted under my cover letter of April 16, 2007 and allow Dyer to settle any potential liability pursuant to an inability to pay settlement. Please note that it was our understanding that without an order on consent, the Department would not review and comment on the work plan. Since Dyer could not afford to execute an Order on Consent, we have proceeded on notice to the Department but without any formal approval of a work plan.

Very truly yours,

Kevin M. Young

cc: Jean Neubeck
Dorine Dyer
Michael DiFabio

wpdata\dyer construction\070423 ltr Horan.kmy

Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Friday, April 20, 2007 11:17 AM
To: 'bfjankau@gw.dec.state.ny.us'
Cc: 'kyoung@youngsommer.com'
Subject: Schedule for Phytoremediation Planting at Camarota
Attachments: Phyto planting layout 4-19-07.pdf

Brian:

We are ready to implement the phytoremediation component of the Interim Remedial Measures described in the April 11, 2007 Work Plan. This message is notification that Ecolotree® will ship the hybrid poplars to the NYS-certified landscaper (David Mastropietro) on Monday, April 23, 2007. We anticipate receipt of the trees on April 25th. The landscaper will pick up the compost today, and is scheduled to plant trees at the Camarota site next week, on April 26 and 27. The planting trenches will be excavated by personnel from Royal R. Dyer Construction Co., Inc. Alpha Geoscience will be on site to provide photo-documentation. Thirty (30) trees will be planted, with shorter poplar whips planted between the trees. The attached figure indicates the likely planting layout, which may be modified based on the actual locations of subsurface utilities.

Alpha also will purge and sample the four ground water monitoring wells (attached figure) next week. The ground water samples will be submitted to a NYSDOH-approved laboratory for analysis of volatile organic compounds using EPA method 8260. The full list of volatiles will be reported for this pre-remediation sampling event. We will submit copies of the laboratory reports to your office.

Please contact me if you have any questions. Thank you.

Jean M. Neubeck
Hydrogeologist

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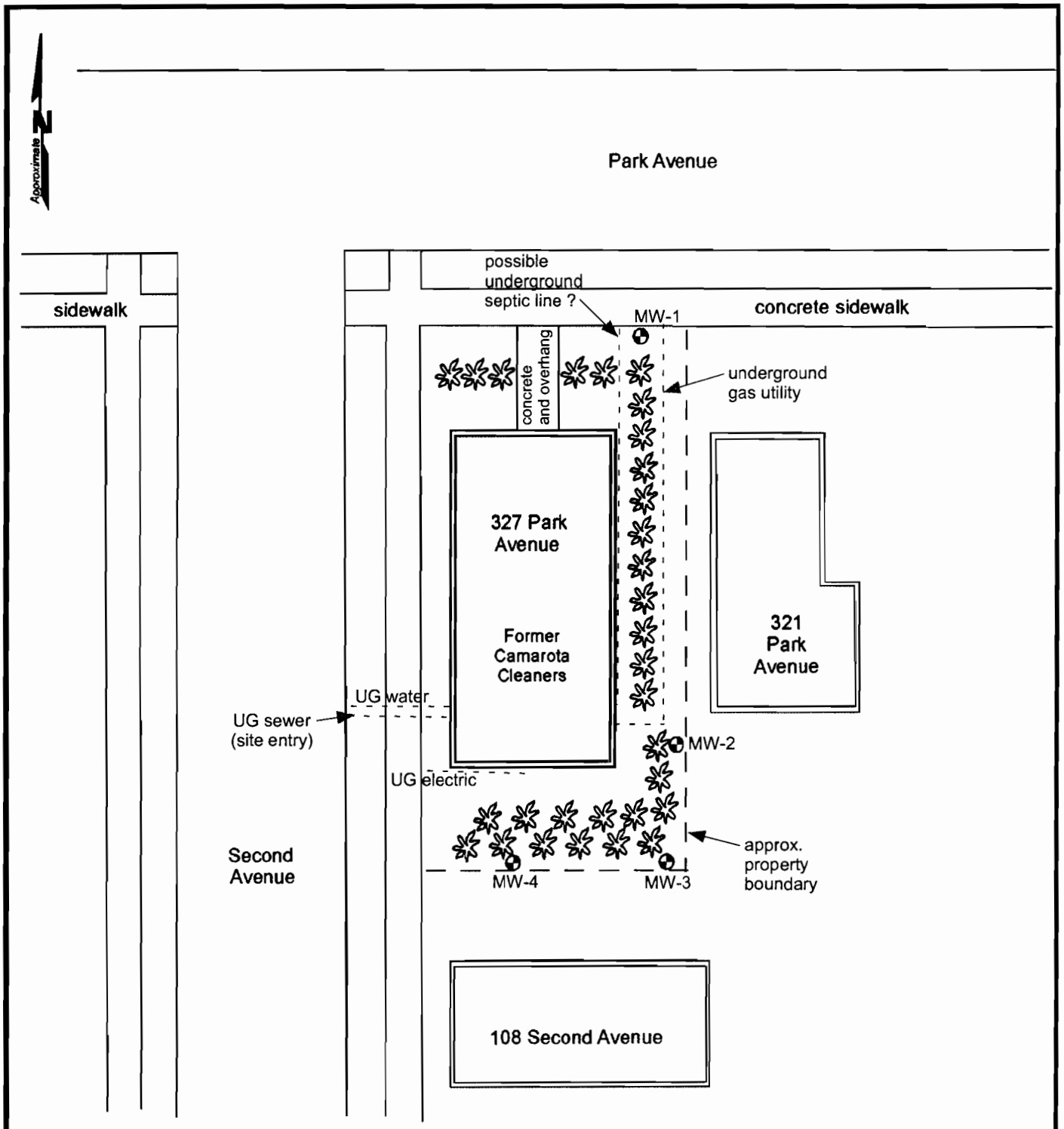

LEGEND

- approx. location of ground water monitoring well installed on 4-17-07
- hybrid poplar tree, with smaller whips (not shown)

0 10 20 40
Approximate Scale in Feet

ALPHA GEOSCIENCE

FIGURE
PLANTING LAYOUT FOR PHYTOREMEDIATION
(DRAFT 4-19-07)

Former Camarota Cleaners
327 Park Avenue

Alpha Project No. 07108

07108\Maps&Figures\Figure 1- Site layout & IRM

Based on Survey by F.J. Metzger, LLS, 2001, and Air Photo from Google Earth

Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]

Sent: Thursday, April 19, 2007 1:01 PM

To: 'bfjankau@gw.dec.state.ny.us'

Cc: 'kyoung@youngsommer.com'

Subject: Schedule of Activities at Camarota site, Mechanicville

Brian:

Thank you for your call yesterday regarding the schedule of activities at the Camarota site. We did not realize that you did not yet review the Work Plan that we submitted to you on April 11, 2007.

We appreciate your concern that the wells were installed with no agreement between the site owner and NYSDEC. We should clarify that, as we presented in the Work Plan (Section 7), there is very little schedule flexibility for planting the poplars. The trees must be planted very soon to maximize the 2007 growing season; therefore, we needed to install the monitoring wells prior to planting. Regarding your comment to delay the well sampling event next week, we need to collect that "pre-remediation" water quality data to monitor remedial progress, as we discussed.

We agreed with the NYSDEC at our meeting in March 2007, that ground water remediation is the preferred, permanent, remedy to prevent or limit future potential vapor migration; therefore, remediating ground water quality and preventing or limiting ground water migration is our goal and focus. It is our opinion that a mechanical collection system for vapors or ground water would not be a very effective remedial strategy due to the non-homogeneous subsurface conditions and other off-site and design constraints. As I explained yesterday, the phytoremediation component is analogous to a ground water interceptor trench with a mechanical "pump and treat" system. We will endeavor to create a biological barrier of organic matter and roots (the interceptor trench), and the tree roots and associated microbes constitute the "pump and treat" component (biotransformation, root uptake, and leaf transpiration).

We will continue to update you of all site activities and data collected, via email, as your preferred communication. Please do not hesitate to contact me if you have any additional questions or comments. Thanks.

Jean M. Neubeck
Hydrogeologist

Alpha Geoscience
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Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Wednesday, April 18, 2007 1:38 PM
To: 'bfjankau@gw.dec.state.ny.us'
Cc: 'kyoung@youngsommer.com'
Subject: Installation of wells at Camarota Cleaners

Brian:

This message is to notify you that four ground water monitoring wells were installed on-site at the former Camarota Cleaners in Mechanicville on April 17th. The wells were installed in the approximate locations shown on the revised site layout that was emailed to you on April 12th. The geologic logs and well construction details will be included in our summary report that documents the implementation of the SSC and IRM. The wells likely will be sampled next week.

We are coordinating to receive and plant the poplar trees next week, tentatively between April 25 and 27. The client also has retained Alpine Environmental Services, Inc. to install the sub-slab depressurization system. We will notify you when that work is scheduled. Please contact me if you have any questions. Thank you.

Jean M. Neubeck
Hydrogeologist

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Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Thursday, April 12, 2007 12:45 PM
To: 'bfjankau@gw.dec.state.ny.us'
Cc: 'kyoung@youngsommer.com'
Subject: Revised Well Locations for Camarota, Mechanicville
Attachments: Proposed Wells (revised 4-12-07).pdf

Brian:

We revised the probable well locations (attached map) for the former Camarota Cleaners site, after further review of the bedrock data and previous water quality results from the temporary wells in 2006. The bedrock is fairly shallow along the east side, and unconsolidated wells may be dry, based on the observations at test pit TP-2 and temporary well TW-19. We moved the locations so that three proposed wells are near, or down gradient of, locations TW-12, TW-13, and TW-20 along the south and southeast boundaries. We will locate the fourth well near the northeast corner, near former location TW-8. We will rely on the interpretation of ground water flow from the 2006 site characterization, if a ground water contour map based on these proposed locations is limited.

Please contact me if you have any questions regarding the revised drilling locations. Thank you.

Jean M. Neubeck
Hydrogeologist

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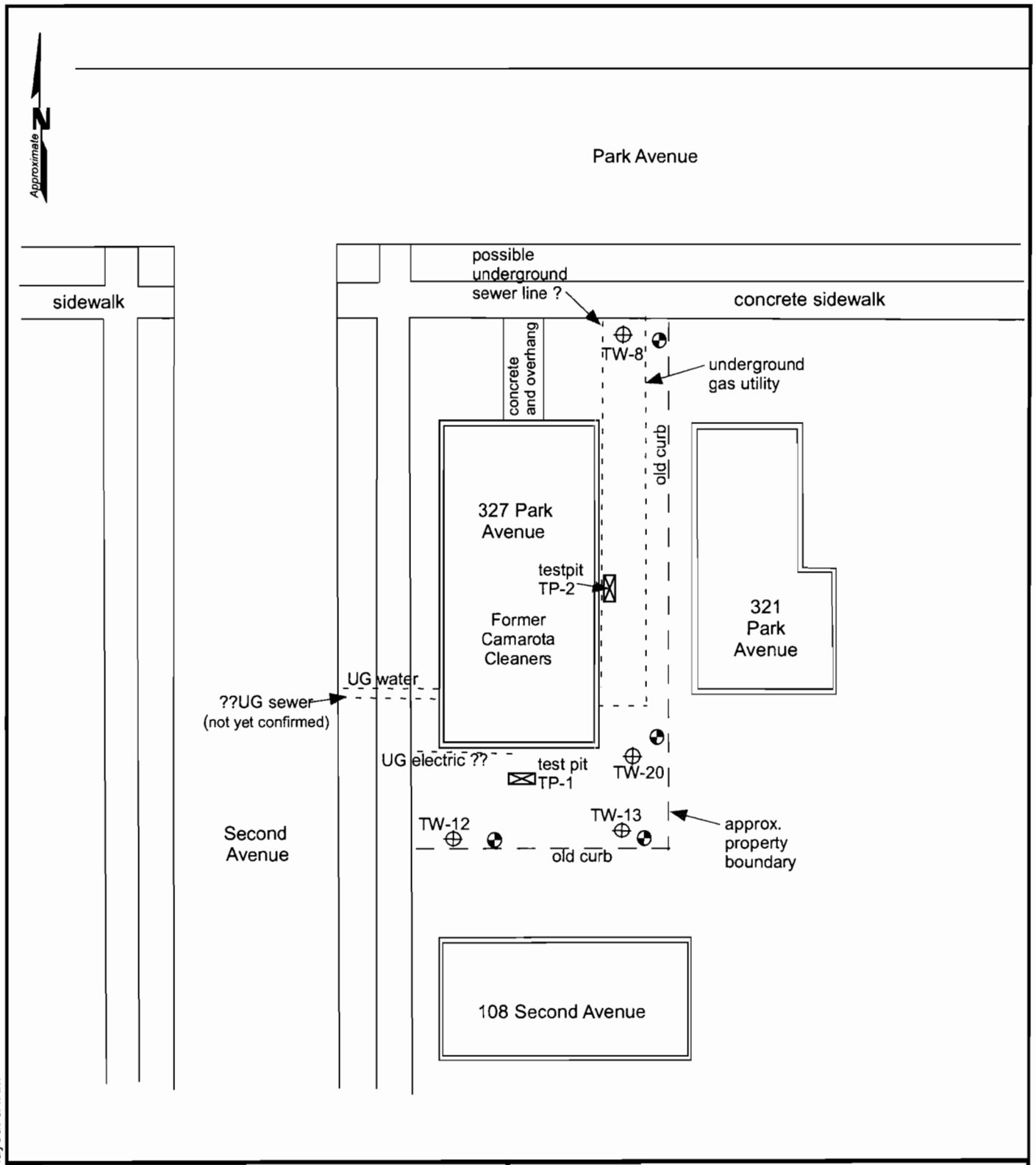

LEGEND

TW-12 — ID and approx. location of temporary well in 2006

proposed ground water monitoring well

0 10 20 40

Approximate Scale in Feet

ALPHA GEOSCIENCE

REVISED PROPOSED WELL LOCATIONS

Former Camarota Cleaners
327 Park Avenue

Alpha Project No. 07108

07108\Maps&Figures\Figure 1- Site layout & IRM

Based on Survey by F.J. Metzger, LLS, 2001, and Air Photo from Google Earth

Jean Neubeck

From: Jean Neubeck [jneubeck@alphageoscience.com]
Sent: Tuesday, March 13, 2007 12:07 PM
To: 'Mike DiFabio'
Subject: Camarota History
Attachments: 2007-3-13 Summary Site Investig. History.pdf

Mike:

Attached is a one-page summary of activities and technical correspondence that we compiled from the NYSDEC's November 2006 summary report and other documents that you provided. It may be useful to you in conveying the general site history to others. Please contact me if you have any questions. Thanks.

Jean M. Neubeck
Hydrogeologist

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Telephone: 518-348-6995
Facsimile: 518-348-6966
Email: jneubeck@alphageoscience.com

Investigation History for Camarota Cleaners
Based on November 2006 Summary Report

July 1991 - Owner conducts soil vapor survey; VOCs, incl. petroleum are detected
- NYSDEC & NYSDOH express concerns

July 1992 - Work by EPS finds PCE in soil at 9.7 ppm, PCE in ground water (GW) at 1,000 ppb

1993 - EPS additional work: PCE still detected in GW, with some breakdown products;
- IAQ testing in 3 residences indicates PCE at 83 ug/m^3 in 1 residence;
- Results determine that PCE is main compound of concern

July 1996 - NYSDEC adds Camarota site to list of potential Hazardous Waste Sites

Sept 1998 - Rowan Environmental performs additional investigation;
Data indicate PCE in GW decreased since 1993, but still greater than standard

May 1999 - NYSDEC performs additional investigation:
- GW concentrations max. 86 - 93 ppb PCE (slight decrease since 1998),
max. 36 - 52 ppb TCE (slight increase since 1998),
- Soil samples from 2-4 feet indicate all VOCs are below cleanup criteria

Sept 1999 - LM&S conducts PSA for NYSDEC:
- 9 soil samples from 4-8 feet south of building; all VOCs below cleanup criteria
- 4 ground water samples; PCE up to 62 ppb, TCE up to 10 ppb

Nov 1999 - LM&S conducts soil vapor survey, as part of PSA:
- IAQ in Camarota building is ND; basement of one residence "03" = 27 ug/m^3 PCE
- 2 sub-slab soil gas samples onsite detect PCE at 715 and 2886 ug/m^3

Dec 1999 - Letter from NYSDEC to Mechanicville:
- Site no longer considered for Registry of Inactive Haz. Waste Disposal Sites;
- Recommends HVAC system for building and restrict ground water use

Feb 2000 - Letter from Frazer Assoc. to Mechanicville's attorney:
- Cites April 30, 1996 letter from DEC that determined there was no significant threat to the environment;
- Recommends HVAC system for site building; that sale agreement include indemnification and permit no floor/foundation modifications

Aug 2000 - Frazer letter to City: DEC says 12/99 letter from DEC is the final action; DEC is satisfied site is not going to be a problem, investigation is complete; and DEC removed wells

Oct 2000 - Royal R. Dyer Construction Co., Inc. enters agreement with City of Mechanicville

Nov 2005 - Letter from NYSDEC to Dyer stating that NYSDEC & NYSDOH are re-evaluating site

Mar 2006 - Letter from NYSDEC to Dyer stating activities and requesting cooperation and access

Aug 2006 - Letter from NYSDOH to Dyer with results and recommended mitigation system for site

Nov 2006 - Letter from NYSDEC to Dyer stating additional investigation/remediation is required

Jan 2007 - Letter from NYSDEC to Dyer stating notification that site is listed on registry as "Class 2"

Attachment 8: Summary Report from Alpine Environmental Services, Inc.

Alpine
Environmental
Services, Inc.

Sub-Slab Venting System Installation Report
327 Park Avenue, Mechanicville, New York

May 2007

By:

Alpine Environmental Services, Inc.
1146 Central Avenue
Albany, New York 12205
Phone (518) 453-0146
Fax (518) 453-0175

Alpine Environmental Services, Inc.

June 14, 2007

Dorine F. Dyer
Royal R. Dyer Construction Co., Inc.
159 Pearl Street
Mechanicville, NY 12118

Re: Sub-slab Depressurization System Installation at
327 Park Avenue, Mechanicville, New York

Alpine Environmental Services, Inc. has completed the installation of the Sub Slab Depressurization at 327 Park Avenue, Mechanicville, New York as detailed in the proposal dated April 6, 2007.

Sub Slab Depressurization System

The installed sub slab depressurization system is comprised of 4 inch PVC piping, connecting eight sub slab suction points, exiting the rear of the structure to a fan connection and discharging to the outside air.

The horizontal piping runs along the roof supports, with vertical pipes extending to the floor along outside walls. See attached drawing for "as-built" condition.

The system fan was mounted in the rear of the structure approximately 16 feet above grade. The exhaust pipe exits the fan and continues to a termination point. The exhaust is fitted with a cap to prevent the entry of rodents or birds.

All trunk lines and suction risers were constructed of Schedule 20 PVC piping and schedule 20 PVC pipe fittings, with the exception of the exterior piping which was schedule 40. All connections were cemented, with the exception of the fan connections, which were secured with flexible PVC, screw tightened couplings. Suction points were sealed into the concrete floor slab with a floor flange, sealed air tight, with polyurethane caulk.

- 3-inch ball valves and 4-inch metal duct dampers were installed as needed for system balancing and control of the pressure field.

- Exhaust pipes were installed on the east side of the structure, a minimum of 10 feet above grade, away from any intakes or openings.

1146 Central Avenue • Albany, New York 12205 • Phone:(518) 453-0146 • Fax:(518) 453-0175

- The system was fitted with a manometer (pressure meter). This device maintains a real-time pressure reading on the system. Periodic monitoring of the system pressure has been incorporated into the building maintenance. Any significant change in the pressure will be cause for service on the system.

Post installation testing and balancing was performed following the installation. The system was balanced utilizing ball valves and dampers to control the Pressure Field Extension (PFE). PFE was verified by drilling numerous, 3/8" test holes, distributed throughout the floor slab. A micro manometer was used to verify negative pressure extension and adjust valves for a complete PFE distribution. Test holes were sealed with polyurethane caulk following completion of test data collection. Test locations and results are documented on the attached drawing.

Conclusion

The sub slab depressurization system has been installed according to the EPA Guidance Documents. Post installation pressure test results indicate adequate pressure field extension and systems operating within the manufacturers required pressure ranges and air flow limits. The system has been fitted with permanent pressure monitoring equipment to identify system failure. An operations and maintenance checklist has been included.

If you require any further information or discussion, feel free to contact me (518) 453-0146 ext. 303.

Sincerely,
ALPINE ENVIRONMENTAL SERVICES, INC.

Mark Schnitzer, P.E.
Environmental Engineer

email: MarkS@Alpineenv.com
ph (518) 453-0146
fax (518) 453-0175

Included:

Drawing of Installed System Layout, pressure test locations
RadonAway GP-501 Fan Installation Instructions
SSD System Operations and Maintenance Procedures and Checklist

Alpine
Environmental Services, Inc.
(518) 453-0146

Operations and Maintenance
Sub-Slab Venting System
327 Park Avenue, Mechanicville, New York

SYSTEM MAINTENANCE

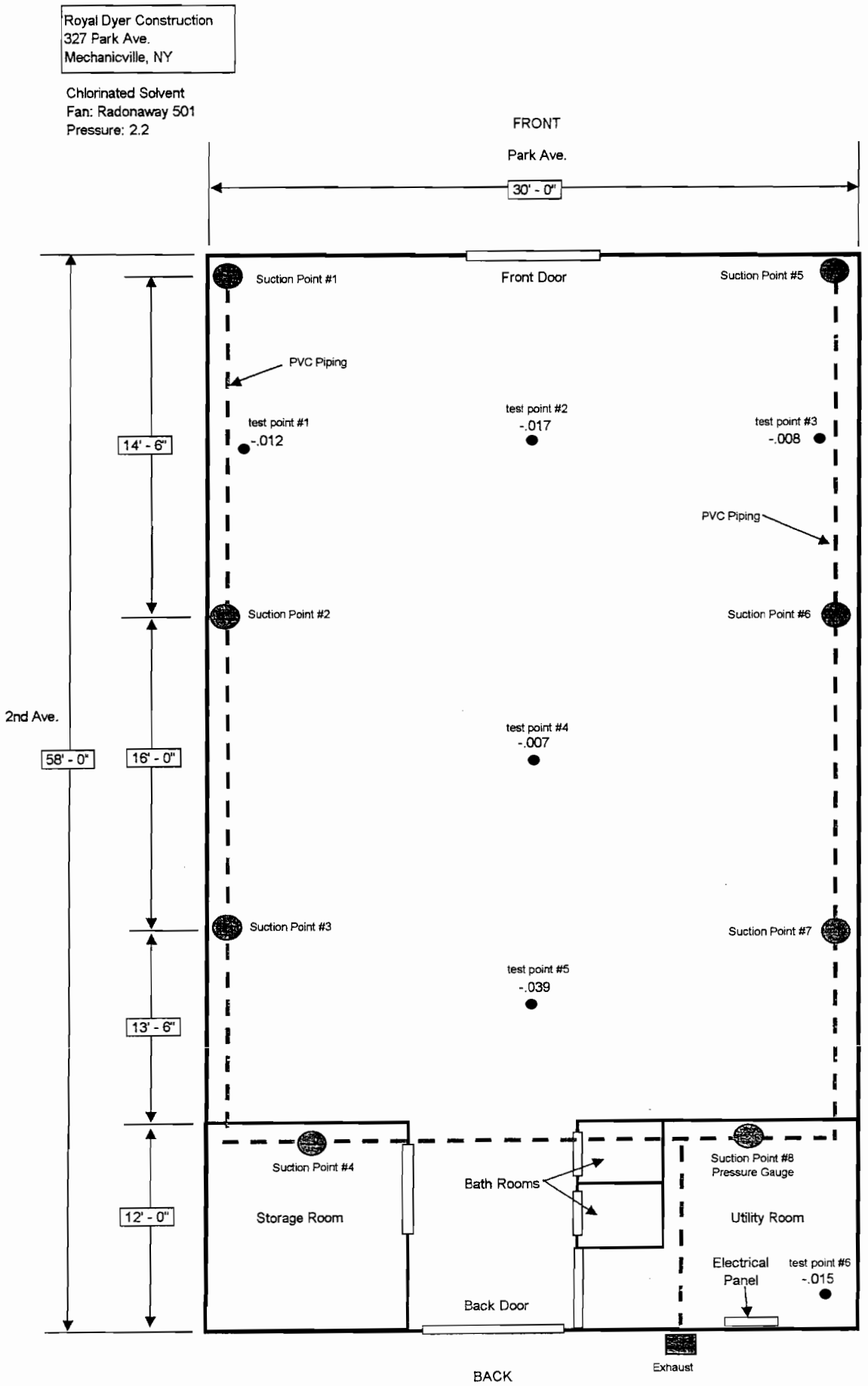
The sub-slab venting system is designed to be maintenance free, for the life of the fan. All moving parts of the system are sealed in the fan-housing unit. The fan-housing unit should only be opened by the fan manufacturer. Any attempt to open the fan-housing unit will destroy the factory installed seals and void any warranty, parts and labor, on the entire venting system.

ANNUAL SYSTEM INSPECTION
(INSPECT EACH TRUNK LINE INDEPENDENTLY)

- Inspect the exposed system piping for any breach or damage.
- Inspect the caulk seal at each of the suction points (a breach in the seal should produce an air leak noise). If breech is observed, caulk with polyurethane caulk.
- Observe the static system pressure in each system on the manometer. Record the system pressure in the chart provided. Compare the static system pressure to the acceptable static pressure range. If static pressure is outside the acceptable range, call for service.
-

	2007 Initial Pressure Reading (Inches Water) / Acceptable Range (+/- 25% Initial Read)	2008 Pressure Reading (Inches Water)	2009 Pressure Reading (Inches Water)	2010 Pressure Reading (Inches Water)	2011 Pressure Reading (Inches Water)	2012 Pressure Reading (Inches Water)
SSD SYSTEM	2.2" / 1.65" to 2.75"					

	2007 Initial Pressure Reading (Inches Water) / Acceptable Range (+/- 25% Initial Read)	20013 Pressure Reading (Inches Water)	2014 Pressure Reading (Inches Water)	2015 Pressure Reading (Inches Water)	2016 Pressure Reading (Inches Water)	2017 Pressure Reading (Inches Water)
SSD SYSTEM	2.2" / 1.65" to 2.75"					


Royal Dyer Construction
327 Park Ave.
Mechanicville, NY
Chlorinated Solvent
Fan: Radonaway 501
Pressure: 2.2
FRONT
Park Ave.
30' - 0"
Front Door
Suction Point #1
Suction Point #5
PVC Piping
test point #1
-.012
test point #2
-.017
test point #3
-.008
PVC Piping
14' - 6"
Suction Point #2
Suction Point #6
2nd Ave.
58' - 0"
16' - 0"
test point #4
-.007
Suction Point #3
Suction Point #7
test point #5
-.039
13' - 6"
Suction Point #4
Storage Room
Bath Rooms
Suction Point #8
Pressure Gauge
Utility Room
12' - 0"
Electrical
Panel
test point #6
-.015
Back Door
Exhaust
BACK

RadonAway Ward Hill, MA IN014 Rev E

XP/GP/XR Series Fan Installation Instructions

Please Read And Save These Instructions.

DO NOT CONNECT POWER SUPPLY UNTIL FAN IS COMPLETELY INSTALLED. MAKE SURE ELECTRICAL SERVICE TO FAN IS LOCKED IN "OFF" POSITION. DISCONNECT POWER BEFORE SERVICING FAN.

1. **WARNING!** Do not use fan in hazardous environments where fan electrical system could provide ignition to combustible of flammable materials.

2. **WARNING!** Do not use fan to pump explosive or corrosive gases.

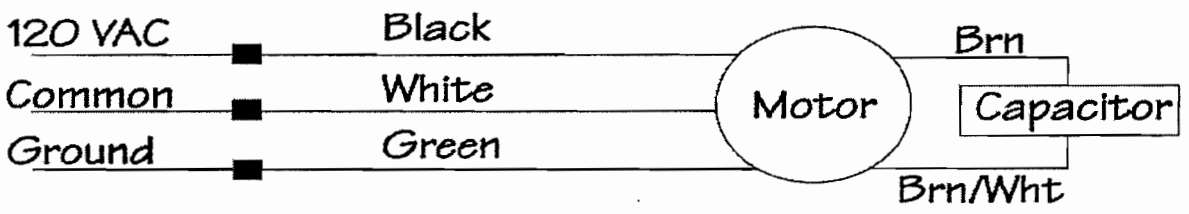
3. **WARNING!** Check voltage at the fan to insure it corresponds with nameplate.

4. **WARNING!** Normal operation of this device may affect the combustion airflow needed for safe operation of fuel burning equipment. Check for possible backdraft conditions on all combustion devices after installation.

5. **NOTICE!** There are no user serviceable parts located inside the fan unit. **Do NOT attempt to open.** Return unit to the factory for service.

6. All wiring must be in accordance with local and national electrical codes.

DynaVac GP/XP/XR/RP Series Fan Wiring Diagram



RadonAway™

INSTALLATION INSTRUCTION IN014 Rev E

DynaVac - XP/XR Series		DynaVac - GP Series	
XP101	p/n 23008-1,-2	GP201	p/n 23007-1
XP151	p/n 23010-1,-2	GP301	p/n 23006-1,-2
XP201	p/n 23011-1,-2	GP401	p/n 23009-1
XR161	p/n 23018-1,-2	GP501	p/n 23005-1,-2
XR261	p/n 23019-1,-2		

1.0 SYSTEM DESIGN CONSIDERATIONS

1.1 INTRODUCTION

The DynaVac GP/XP/XR Series Radon Fans are intended for use by trained, professional Radon mitigators. The purpose of this instruction is to provide additional guidance for the most effective use of a DynaVac Fan. This instruction should be considered as a supplement to EPA standard practices, state and local building codes and state regulations. In the event of a conflict, those codes, practices and regulations take precedence over this instruction.

1.2 ENVIRONMENTALS

The GP/XP/XR Series Fans are designed to perform year-round in all but the harshest climates without additional concern for temperature or weather. For installations in an area of severe cold weather, please contact RadonAway for assistance. When not in operation, the fan should be stored in an area where the temperature is never less than 32 degrees F. or more than 100 degrees F.

1.3 ACOUSTICS

The GP/XP/XR Series Fan, when installed properly, operates with little or no noticeable noise to the building occupants. The velocity of the outgoing air should be considered in the overall system design. In some cases the "rushing" sound of the outlet air may be disturbing. In these instances, the use of a RadonAway Exhaust Muffler is recommended.

1.4 GROUND WATER

In the event that a temporary high water table results in water at or above slab level, water may be drawn into the riser pipes thus blocking air flow to the GP/XP/XR Series Fan. The lack of cooling air may result in the fan cycling on and off as the internal temperature rises above the thermal cutoff and falls upon shutoff. Should this condition arise, it is recommended that the fan be turned off until the water recedes allowing for return to normal operation.

1.5 SLAB COVERAGE

The GP/XP/XR Series Fan can provide coverage up to 2000+ sq. ft. per slab penetration. This will primarily depend on the sub-slab material in any particular installation. In general, the tighter the material, the smaller the area covered per penetration. Appropriate selection of the GP/XP/XR Series Fan best suited for the sub-slab material can improve the slab coverage. The GP & XP series have a wide range of models to choose from to cover a wide range of subslab material. The higher static suction fans are generally used for tighter subslab materials. The XR Series is specifically designed for high flow applications such as stone/gravel and drain tile. Additional suction points can be added as required. It is recommended that a small pit (5 to 10 gallons in size) be created below the slab at each suction hole.

1.6 CONDENSATION & DRAINAGE

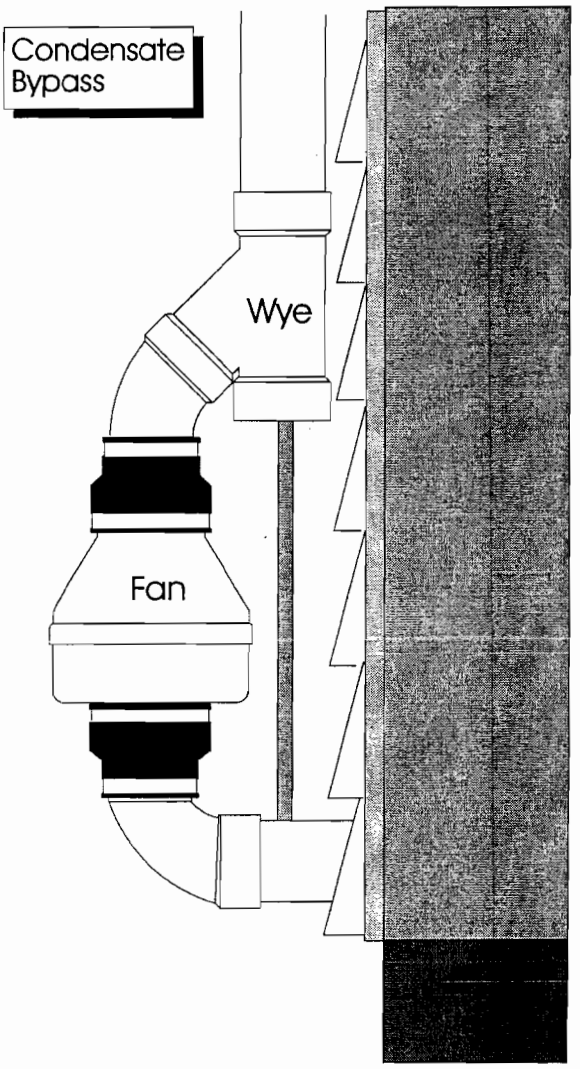
Condensation is formed in the piping of a mitigation system when the air in the piping is chilled below its dew point. This can occur at points where the system piping goes through unheated space such as an attic, garage or outside. The system design must provide a means for water to drain back to a slab hole to remove the condensation. The GP/XP/XR Series Fan **MUST** be mounted vertically plumb and level, with the outlet pointing up for proper drainage through the fan. Avoid mounting the fan in any orientation that will allow water to accumulate inside the fan housing. The GP/XP/XR Series Fans are **NOT** suitable for underground burial.

For GP/XP/XR Series Fan piping, the following table provides the minimum recommended pipe diameter and pitch under several system conditions.

Pipe Dia.	Minimum Rise per Foot of Run* @25 CFM	@50 CFM	@100 CFM
4"	1/8"	1/4"	3/8"
3"	1/4"	3/8"	1 1/2"

*Typical GP/XP/XR Series Fan operational flow rate is 25 - 90 CFM.
(For more precision, determine flow rate by using the chart in the addendum.)

Under some circumstances in an outdoor installation a condensate bypass should be installed in the outlet ducting as shown. This may be particularly true in cold climate installations which require long lengths of outlet ducting or where the outlet ducting is likely to produce large amounts of condensation because of high soil moisture or outlet duct material. Schedule 20 piping and other thin-walled plastic ducting and Aluminum downspout will normally produce much more condensation than Schedule 40 piping.



The bypass is constructed with a 45 degree Wye fitting at the bottom of the outlet stack. The bottom of the Wye is capped and fitted with a tube that connects to the inlet piping or other drain. The condensation produced in the outlet stack is collected in the Wye fitting and drained through the bypass tube. The bypass tubing may be insulated to prevent freezing.

1.7 "SYSTEM ON" INDICATOR

A properly designed system should incorporate a "System On" Indicator for affirmation of system operation. A manometer, such as a U-Tube, or a vacuum alarm is recommended for this purpose.

1.8 ELECTRICAL WIRING

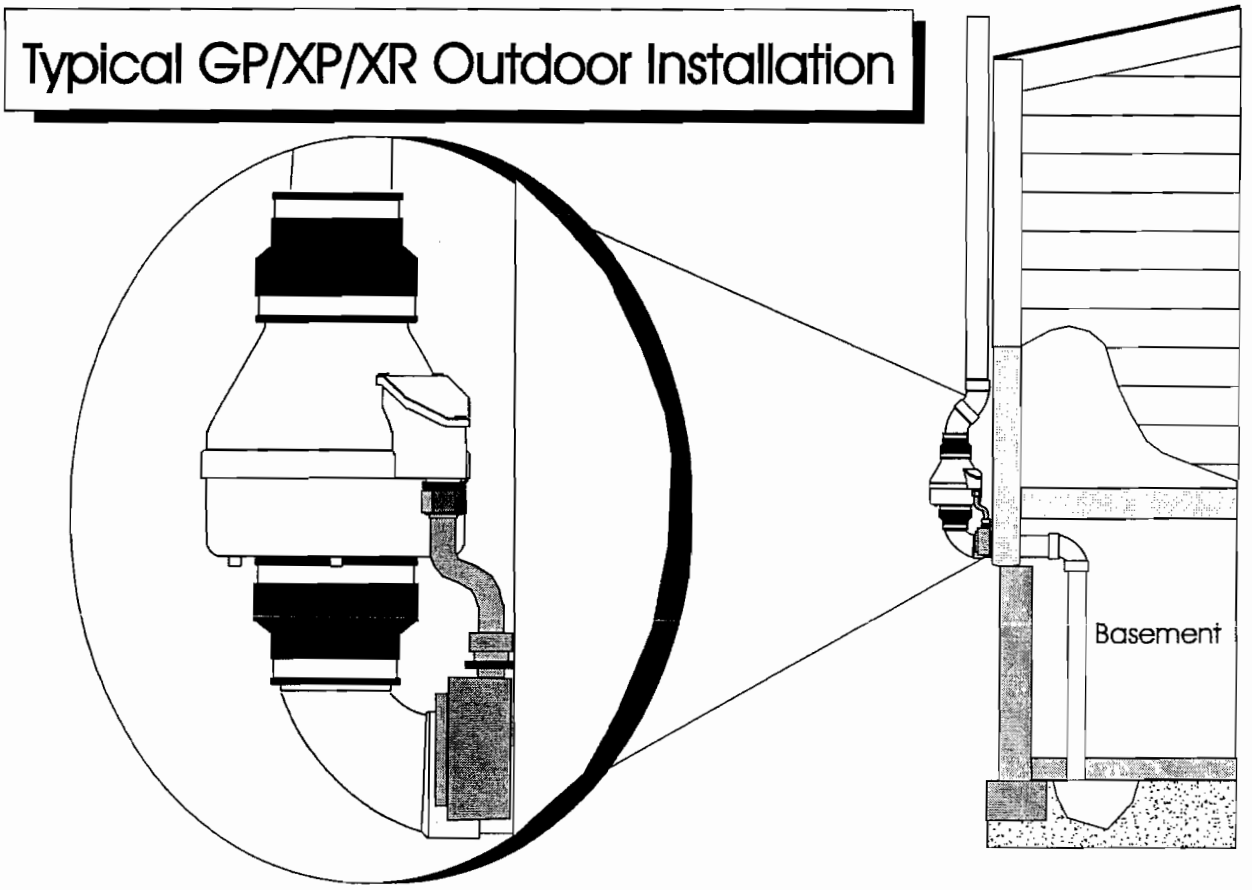
The GP/XP/XR Series Fans operate on standard 120V 60 Hz. AC. All wiring must be performed in accordance with the National Electrical Code and state and local building codes. All electrical work should be performed by a qualified electrician. Outdoor installations require the use of a U.L. listed watertight conduit.

1.9 SPEED CONTROLS

The GP/XP/XR Series Fans are rated for use with electronic speed controls ,however, they are generally not recommended.

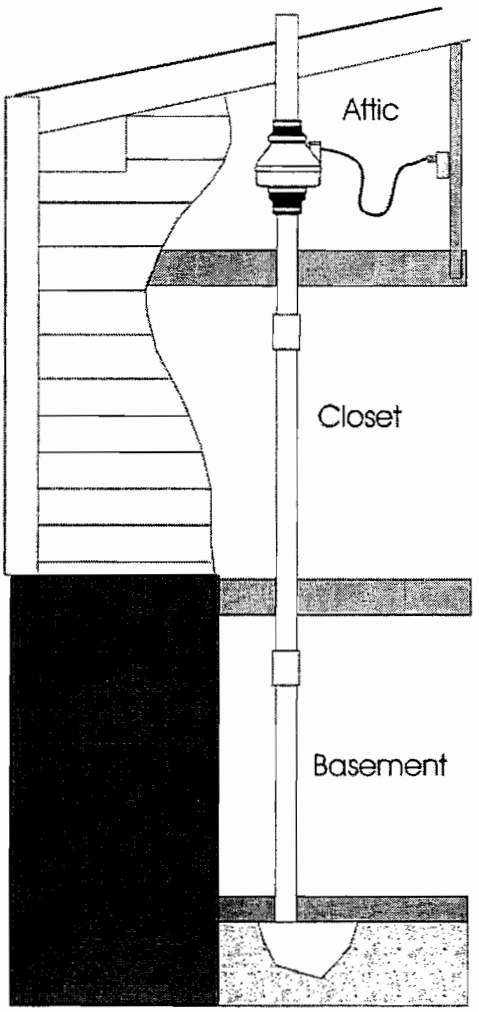
2.0 INSTALLATION

The GP/XP/XR Series Fan can be mounted indoors or outdoors. (It is suggested that EPA recommendations be followed in choosing the fan location.) The GP/XP/XR Series Fan may be mounted directly on the system piping or fastened to a supporting structure by means of optional mounting bracket.



2.1 MOUNTING

Mount the GP/XP/XR Series Fan vertically with outlet up. Insure the unit is plumb and level. When mounting directly on the system piping assure that the fan does not contact any building surface to avoid vibration noise.



2.2 MOUNTING BRACKET (optional)

The GP/XP/XR Series fan may be optionally secured with the integral mounting bracket on the GP Series fan or with RadonAway P/N 25007-2 mounting bracket for an XP/XR Series fan. Foam or rubber grommets may also be used between the bracket and mounting surface for vibration isolation.

2.3 SYSTEM PIPING

Complete piping run, using flexible couplings as means of disconnect for servicing the unit and vibration isolation.

2.4 ELECTRICAL CONNECTION

Connect wiring with wire nuts provided, observing proper connections:

Fan Wire	Connection
Green	Ground
Black	AC Hot
White	AC Common

2.5 VENT MUFFLER (optional)

Install the muffler assembly in the selected location in the outlet ducting. Solvent weld all connections. The muffler is normally installed at the end of the vent pipe.

2.6 OPERATION CHECKS

_____ **Verify** all connections are tight and **leak-free.**

_____ **Insure** the GP/XP/XR Series Fan and all ducting is secure and vibration-free.

_____ **Verify** system vacuum pressure with manometer. **Insure** vacuum pressure is less than maximum recommended operating pressure

(Based on sea-level operation, at higher altitudes reduce by about 4% per 1000 Feet.)

(Further reduce Maximum Operating Pressure by 10% for High Temperature environments)

See Product Specifications. If this is exceeded, increase the number of suction points.

_____ **Verify Radon levels by testing to EPA protocol.**

XP/XR SERIES PRODUCT SPECIFICATIONS

The following chart shows fan performance for the XP & XR Series Fan:

Typical CFM Vs Static Suction "WC									
	0"	.25"	.5"	.75"	1.0"	1.25"	1.5"	1.75"	2.0"
XP101	125	118	90	56	5	-	-	-	-
XP151	180	162	140	117	78	46	10	-	-
XP201	150	130	110	93	74	57	38	20	-
XR161	215	175	145	105	75	45	15	-	-
XR261	250	215	185	150	115	80	50	20	-

Maximum Recommended Operating Pressure*		
XP101	0.9" W.C.	(Sea Level Operation)**
XP151	1.3" W.C.	(Sea Level Operation)**
XP201	1.7" W.C.	(Sea Level Operation)**
XR161	1.3" W.C.	(Sea Level Operation)**
XR261	1.6" W.C.	(Sea Level Operation)**

**Reduce by 10% for High Temperature Operation*
***Reduce by 4% per 1000 feet of altitude*

Power Consumption @ 120 VAC	
XP101	40 - 49 watts
XP151	45 - 60 watts
XP201	45 - 66 watts
XR161	48 - 75 watts
XR261	65 - 105 watts

XP Series Inlet/Outlet: 4.5" OD (4.0" PVC Sched 40 size compatible)

XR Series Inlet/Outlet: 5.875" OD

Mounting: Mount on the duct pipe or with optional mounting bracket.

Recommended ducting: 3" or 4" Schedule 20/40 PVC Pipe

Storage temperature range: 32 - 100 degrees F.

Normal operating temperature range: -20 - 120 degrees F.

Maximum inlet air temperature: 80 degrees F.

Size: 9.5H" x 8.5" Dia. **Weight**: 6 lbs. (XR261 - 7 lbs)

Continuous Duty **Thermally protected**

Class B Insulation **3000 RPM**

Residential Use Only **Rated for Indoor or Outdoor use**

LISTED Electric Fan ETL® Tested to UL Std. 507

77728

GP SERIES PRODUCT SPECIFICATIONS

The following chart shows fan performance for the GPx01 Series Fan:

Typical CFM Vs Static Suction "WC							
	1.0"	1.5"	2.0"	2.5"	3.0"	3.5"	4.0"
GP501	95	87	80	70	57	30	5
GP401	93	82	60	38	12	-	-
GP301	92	77	45	10	-	-	-
GP201	82	58	5	-	-	-	-

Maximum Recommended Operating Pressure*		
GP501	3.8" W.C.	(Sea Level Operation)**
GP401	3.0" W.C.	(Sea Level Operation)**
GP301	2.4" W.C.	(Sea Level Operation)**
GP201	1.8" W.C.	(Sea Level Operation)**

**Reduce by 10% for High Temperature Operation*

***Reduce by 4% per 1000 feet of altitude*

Power Consumption @ 120 VAC	
GP501	70 - 140 watts
GP401	60 - 110 watts
GP301	55 - 90 watts
GP201	40 - 60 watts

Inlet/Outlet: 3.5" OD (3.0" PVC Sched 40 size compatible)

Mounting: Fan may be mounted on the duct pipe or with integral flanges.

Weight: 12 lbs.

Size: 13H" x 12.5" x 12.5"

Recommended ducting: 3" or 4" Schedule 20/40 PVC Pipe

Storage temperature range: 32 - 100 degrees F.

Normal operating temperature range: -20 - 120 degrees F.

Maximum inlet air temperature: 80 degrees F.

Continuous Duty

Class B Insulation

3000 RPM

Thermally protected

Rated for Indoor or Outdoor Use

GP301C / GP501C Rated for Commercial Use

LISTED Electric Fan ETL® 77728 Tested to UL Std. 507

IMPORTANT INSTRUCTIONS TO INSTALLER

Inspect the GPx01/XP/XR Series Fan for shipping damage within 15 days of receipt. Notify RadonAway of any damages immediately. Radonaway is not responsible for damages incurred during shipping. However, for your benefit, Radonaway does insure shipments.

There are no user serviceable parts inside the fan. **Do not attempt to open.** Return unit to factory for service.

Install the GPx01/XP/XR Series Fan in accordance with all EPA standard practices, and state and local building codes and state regulations.

WARRANTY

Subject to any applicable consumer protection legislation, RadonAway warrants that the GPX01/XP/XR/RP Series Fan (the "Fan") will be free from defects in materials and workmanship for a period of 90 days from the date of purchase (the "Warranty Term").

RadonAway will replace any Fan which fails due to defects in materials or workmanship. The Fan must be returned (at Owner's cost) to the RadonAway factory. Any Fan returned to the factory will be discarded unless the Owner provides specific instructions along with the Fan when it is returned regardless of whether or not the Fan is actually replaced under this warranty. Proof of purchase must be supplied upon request for service under this Warranty.

This Warranty is contingent on installation of the Fan in accordance with the instructions provided. This Warranty does not apply where any repairs or alterations have been made or attempted by others, or if the unit has been abused or misused. Warranty does not cover damage in shipment unless the damage is due to the negligence of RadonAway.

5 YEAR EXTENDED WARRANTY WITH PROFESSIONAL INSTALLATION.

RadonAway will extend the Warranty Term of the fan to 5 years from date of manufacture if the Fan is installed in a professionally designed and professionally installed radon system or installed as a replacement fan in a professionally designed and professionally installed radon system. Proof of purchase and/or proof of professional installation may be required for service under this warranty. Outside the Continental United States and Canada the extended Warranty Term is limited to one (1) year from the date of manufacture.

RadonAway is not responsible for installation, removal or delivery costs associated with this Warranty.

EXCEPT AS STATED ABOVE, THE GPx01/XP/XR/RP SERIES FANS ARE PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL RADONAWAY BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF, OR RELATING TO, THE FAN OR THE PERFORMANCE THEREOF. RADONAWAY'S AGGREGATE LIABILITY HEREUNDER SHALL NOT IN ANY EVENT EXCEED THE AMOUNT OF THE PURCHASE PRICE OF SAID PRODUCT. THE SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY SHALL BE THE REPAIR OR REPLACEMENT OF THE PRODUCT, TO THE EXTENT THE SAME DOES NOT MEET WITH RADONAWAY'S WARRANTY AS PROVIDED ABOVE.

For service under this Warranty, contact RadonAway for a Return Material Authorization (RMA) number and shipping information. No returns can be accepted without an RMA. If factory return is required, the customer assumes all shipping cost to and from factory.

RadonAway
3 Saber Way
Ward Hill, MA 01835
TEL. (978) 521-3703
FAX (978) 521-3964

Record the following information for your records:

Serial No._____

Purchase Date_____