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25 March 2014

NYSDEC
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, New York 12233-7014

Att: Mr. Daniel R. Lanners, P.E.

Re: Brownfield Cleanup Program
Site No. C360112
6 Morgan Drive
Mount Kisco, Westchester County, NY

Dear Mr. Lanners:

As per your request, we are sending the enclosed Remedial Investigation (RI) Report pertaining to the referenced BCP site in Mount Kisco, New York for your records. A hard copy and electronic copy of this document are enclosed.

Should you have any questions regarding the enclosed document, please contact this office. Thank you.

Very truly yours,

CARLIN-SIMPSON & ASSOCIATES

M. Anke

MEREDITH R. ANKE, P.E.
Project Manager

File No. 01-109

REMEDIAL INVESTIGATION REPORT

Undeveloped Parcel Site
Site No. C360112

6 Morgan Drive
Mount Kisco
Westchester County, New York

Prepared By:
Carlin-Simpson & Associates
61 Main Street
Sayreville, New Jersey

March 2014

CERTIFICATION

I, Meredith R. Anke, P.E. certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Meredith R. Anke, P.E.	3/18/14	M. Anke
Qualified Environmental Professional	Date	Signature

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1.0 INTRODUCTION

In June 2010, Crème de la Crème Inc. voluntarily entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) for the property located at 6 Morgan Drive in Mt. Kisco, Westchester County, New York. Carlin-Simpson & Associates (CSA) has prepared this Remedial Investigation Report to document the investigation of the subject site in accordance with the NYSDEC Brownfield Cleanup Program (BCP) requirements.

1.1 Site Description

The subject site is located at 6 Morgan Drive in Mount Kisco, Westchester County, New York, as shown on the Site Location Map (see Figure 1). This property is approximately 3.8 acres in total area. There is also a 30 foot wide sanitary sewer easement that extends in a general east-west direction through the center of the subject site.

The subject site was previously slated for development and construction started on this parcel prior to discovery of potentially contaminated soil. Specifically, the topsoil was stripped and two stormwater management basins were excavated in the northern and eastern portions of the site. The northern retention basin area is now overgrown with vegetation and the eastern basin is ponded with stormwater. The shallow site soil that was excavated from the retention basin areas is currently stockpiled on the site and is covered with vegetation. There is also a stockpile of imported processed aggregate material on the property. The remainder of the site is relatively flat. The existing site grades range between approximately elevation +284.0 at the bottom of the previously excavated retention basins, elevation +291.0 in the southwestern portion of the site, and elevation +302.2 at the top of the south soil stockpile. Prior to the construction work, the surface grades sloped down gently to the north and northeast, towards the adjacent Kisco River. Refer to the aerial photo of the site shown on Figure 2 depicting the current site features and state of development.

The area immediately surrounding the subject property consists primarily of commercial and industrial properties as well as undeveloped wooded or vacant parcels. The site is bordered to the southeast by a vacant parcel containing remnants of a former sewage treatment and disposal facility. Portions of the former sewage treatment and disposal facility were located on the subject site. Further to the south and southeast are commercial and industrial buildings along Radio Circle Drive.

There is a wooded area and wetland area from the Kisco River to the northwest of the site. To the east and northeast of the subject property is a town service road followed by a wooded area and the Kisco River. Further to the east and northeast are some commercial and residential properties. The site is bordered by Morgan Drive followed by the United States Post Office to the southwest. Beyond the post office are commercial and industrial buildings on Radio Circle Drive.

1.2 Site History

The subject property was previously part of a larger parcel that was occupied by a sewage treatment and disposal facility from approximately 1907 to the 1970s. The facility reportedly ceased operation around 1964 and remained on standby into the 1970s. Based on the review of aerial photographs and the findings during a previous subsurface investigation at the site, it appears that some of the subsurface components of the former facility (i.e. sand filter beds, sludge beds, clay pipes, etc.) were not completely removed from the site. In 1990, soil fill was placed over a large portion of the property, burying the remnants of the former facility. The site has since remained undeveloped.

In 2004, Crème de la Crème purchased the subject site for the purpose of constructing a child care facility on the premises. The child care facility was not constructed and the site still remains undeveloped. Only commercial use of the site is anticipated in the future.

1.3 Summary of Previous Investigations

1.3.1 Phase I Environmental Site Assessment (ESA)

A Modified Phase I Environmental Site Assessment (ESA) was completed for the subject property in 2007 by Carlin-Simpson & Associates. The results of the study were presented in a Report on Modified Phase I Environmental Site Assessment and Phase II Environmental Site Investigation that was dated 9 January 2008.

Based on a review of all available files and upon review of the historical topographic maps, Sanborn maps, and aerial photographs, along with observations made of the subject property and adjacent properties during a site visit at the end of the Phase I ESA, it was determined that there were recognized environmental conditions and historical environmental concerns associated with the subject site.

The subject property was previously part of a larger parcel that was occupied by a wastewater treatment facility, which is an industrial use (SIC 4952), from approximately 1907 to the 1970s. The facility reportedly ceased operation around 1964 and remained on standby into the 1970s. However, it appears that the subsurface components of the facility were not completely removed from the site. In 1990, soil fill was placed over a large portion of the property, burying the remnants of the former facility. The site has remained undeveloped since that time.

The components of the former wastewater treatment facility that were located on the subject property include eight (8) sand filter beds, two (2) sludge beds, four (4) former structures for chlorination, a 10-inch cast iron force main, vitrified clay pipes to carry the partially treated sewage from the adjacent parcel, and additional clay pipes to collect the treated water from below the sand filter beds. In addition, a former sludge spoil area was identified on the subject property. The former wastewater treatment facility components are shown on Figure 4.

Based on the findings of the Modified Phase I ESA and the known history of the subject site, a Phase II Environmental Site Investigation (ESI) was recommended at the subject

site to investigate the components of the former facility and the in-situ fill material, which were identified as areas of environmental concern. The results of the subsequent Phase II ESI are discussed in the following section of this document.

1.3.2 Phase II Environmental Site Investigation (ESI)

A subsequent Phase II Environmental Site Investigation (ESI) was performed in 2007 to investigate the areas of environmental concern that were identified during the Phase I ESA. The results of the investigation were presented in a Report on Modified Phase I Environmental Site Assessment and Phase II Environmental Site Investigation that was dated 9 January 2008 and prepared by Carlin-Simpson & Associates.

During the investigation, geoprobe borings were advanced to investigate the areas of environmental concern identified during the Modified Phase I ESA. Based on the identified areas of concern, the geoprobe boring observations, and the field screening results, soil samples were collected from the subject property for laboratory analytical testing. In addition, temporary well points were installed to facilitate groundwater sampling. Sediment and surface water samples were also collected from the Kisco River, both upstream and downstream of the subject property.

The laboratory analytical results from the Phase II ESI indicated that there were levels of residual contaminants present in the soil samples in isolated areas of the subject site. The residual contaminants are consistent with the former use of the property. Specifically, the following potential areas of concern were identified: 1) the former sludge bed areas, mercury was present in one subsurface sample (GP-3) at a concentration exceeding the NYSDEC Commercial Use Soil Cleanup Objectives (SCOs); and 2) the area of the former pump house and effluent detention building, mercury was encountered in one subsurface sample (GP-7) at a concentration exceeding the NYSDEC Commercial Use SCOs.

In addition, the laboratory analytical results indicated that there were low levels of residual contamination present in soil samples collected from isolated areas of the subject site at concentrations exceeding the NYSDEC Residential SCOs, but below the NYSDEC Commercial Use SCOs. These areas are as follows:

- One (1) subsurface sample collected from the sand filter bed areas had a concentration of mercury that exceeds the Residential SCOs.

- In the former sludge bed areas, chromium, lead, and mercury were detected at concentrations exceeding the Residential SCOs.

- In the areas of the former structures, two (2) subsurface fill samples exhibited levels of mercury at concentrations exceeding the Residential SCOs and one (1) subsurface sample yielded chromium at a level of that exceeds the Residential SCO.

Groundwater samples collected on-site did *not* contain any contaminants of concern at concentrations exceeding the NYSDEC ambient water quality standards.

Sediment samples collected from the adjacent Kisco River did *not* indicate the presence of any contaminants of concern exceeding the sediment criteria. Surface water samples collected from the Kisco River also did *not* indicate the presence of any contaminants of concern exceeding the NYSDEC ambient water quality standards, with the exception of tetrachloroethene (PCE). PCE was detected at levels exceeding the NYSDEC ambient water quality standards in both the downstream and upstream surface water samples, with the higher levels found in the samples collected upstream of the site. Based on this finding, coupled with the absence of any detectable levels of PCE in the soil and groundwater samples collected on-site, it seems likely that an upstream source is affecting the PCE levels in the Kisco River. We understand that there is an active site investigation going on for a dry cleaning business with PCE contamination that is upstream of the subject site.

2.0 OBJECTIVES AND PROPOSED USE

The purpose of the Remedial Investigation (RI) at the referenced site was to comprehensively investigate the property to characterize potential contaminants in the various areas of environmental concern in accordance with the requirements of the BCP. This investigation was performed in accordance with NYSDEC *Technical Guidance for Site Investigation and Remediation* (DER-10), dated May 2010 and the NYSDEC approved Remedial Investigation Work Plan (RIWP), dated February 2012. The data collected during the RI will be used to identify potential health risks and to evaluate remedial alternatives for the subject site.

Previous investigations of the site identified the following potential areas of concern: 1) eight (8) former sand filter beds; 2) two (2) former sludge beds; 3) fill material located throughout the site; 4) stockpiled fill material; 5) a former sludge spoil staging area; and 6) the former pump house and effluent detention buildings where mercury was detected. All of these areas were explored during this investigation. In addition, the surface soils were investigated to confirm that they meet the commercial use soil cleanup objectives, groundwater samples were collected, and sediment and surface water samples were collected from the adjacent Kisco River.

Once the investigation and/or remediation are complete, it is the intent of Crème de la Crème Inc. to market the site as a commercial property. At this time, Crème de la Crème Inc. is pursuing a Track 4 cleanup for the subject site. A Track 4 cleanup will utilize site-specific information and guidance to identify soil cleanup objectives in order to achieve a commercial use remedy for the property. Institutional and/or engineering controls may be required to prevent exposure to contamination on the site. The decision of whether institutional and/or engineering controls are appropriate will be made by the NYSDEC in consultation with the New York State Department of Health (NYSDOH). For proposed commercial use properties, the top one (1) foot of soil must meet the generic soil cleanup requirements for commercial use, as per 6 NYCRR Part 375-3.8(e)(4)(iii)(b).

3.0 REMEDIAL INVESTIGATION

A Remedial Investigation (RI) was implemented to characterize the surface soil, subsurface soil, and groundwater at the subject site. Soil borings and test pits were performed so that soil samples and groundwater samples could be collected in various areas on the subject site and surface water and sediment samples were collected from the adjacent Kisco River. The soil testing program and the investigated areas are described in more detail in the following sections of this report.

3.1 Site Survey

John Meyer Consulting completed a survey of the project site that includes the pertinent site features, boring and test pit locations, monitoring well locations, and the surface water and sediment sample locations. In addition, the survey includes the ground surface elevation at each test location and the top of casing elevation for the monitoring wells. Elevations were surveyed at each location to the nearest 0.01 foot relative to the North American Vertical Datum (NAVD 1988). A copy of the survey is included as Figure 3 in the Appendix of this report.

3.2 Soil Testing

In June 2012, a soil testing program was implemented to thoroughly characterize and identify potential contaminants of concern in the on-site soils. The sampling program for each area of concern is discussed in the following sections of this report. The sampling locations are indicated on Figure 6.

The soil testing program consisted of a combination of test pits and borings. Test pits were performed with a backhoe to investigate the existing soil stockpiles on 4-6 June 2012. Hollow stem auger (HSA) drilling methods were used to perform four (4) test borings and to install four (4) groundwater monitoring wells at the site on 5-6 June 2012. Geoprobe® borings were performed at the remaining sampling locations from 18-26 June 2012.

The Geoprobe® drill rig utilizes direct-push sampling methods, which is capable of collecting continuous soil samples at four (4) foot intervals in dedicated 1.5-inch diameter PVC sleeves. Where soil borings were performed, they were advanced using 4.25-inch I.D. hollow stem augers. Soil sampling with two (2)-foot long split-spoon samplers was performed to collect continuous soil samples from each borehole. Each of the borings was extended below the groundwater table. The borings were generally terminated at depths ranging from 12 feet to 16 feet beneath the ground surface elevation. Where borings were performed on existing soil stockpiles, the borings extended to depths ranging from 24 feet to 28 feet below the surface.

At each test pit and boring location, an experienced engineer visually classified the soil layers encountered, scanned the samples for volatile and semi-volatile organic vapors using a calibrated photoionization detector (PID), and inspected for any visual and/or olfactory evidence of contamination. Detailed boring and test pit logs have been prepared and are included in Appendix A of this report. The general subsurface soil conditions encountered during the investigation of the subject site may be summarized as follows:

Stratum 1 Topsoil — The surface layer in a few of the boring locations consists of brown topsoil that is approximately two (2) to four (4) inches in thickness.

Stratum 2 Fill — Beneath the topsoil and at the surface in the remaining borings is existing fill that is generally comprised of loose to medium dense brown or gray brown coarse to fine Sand, trace (to some) Silt, trace (to little) coarse to fine Gravel with minor amounts of concrete, wood, coal, and brick in areas of the site. During this investigation, the fill was encountered to depths ranging from 3'0" to 12'0" below the existing ground surface.

Stratum 3 Sand — Beneath the fill in the sand filter bed areas is a sand layer that consists of loose to medium dense brown or gray coarse to fine SAND, trace (-) Silt, trace medium to fine Gravel and is approximately 1'0" to 4'0" in thickness.

Stratum 4 Gravel — Below the sand layer in select locations is loose to medium dense coarse to fine GRAVEL, trace (to little) coarse to fine Sand. The gravel ranges from a few inches to approximately 1'0" in thickness.

Stratum 5 Organic Silt and Peat — Underlying the existing fill, sand, and gravel in several boring locations is soft dark brown Organic SILT or Organic SILT with PEAT that varies from approximately 0'6" to 6'0" in thickness. In select boring locations, organic silt lenses or seams were also encountered within the underlying soil stratum.

Stratum 6 Sandy Silt or Silty Sand — Beneath the sand, gravel, and organic silt and peat layers is medium dense brown, gray brown, or gray coarse to fine SAND, little (to and) Silt, trace (to little) coarse to fine Gravel or medium stiff SILT, trace (to and) coarse to fine Sand, trace coarse to fine Gravel. The 2007 geoprobe borings were terminated in this stratum at final depths ranging from 12'0" to 24'0" beneath the surface. Most of the 2012 geoprobe borings were also terminated in this stratum at final depths ranging from 12'0" to 16'0" beneath the ground surface.

Stratum 7 Dense Till or Weathered Bedrock — Two (2) of the geoprobe borings in the central portion of the site (P-44 and P-46) were extended to refusal, which was encountered at depths of 26'6" and 31'0", respectively. This refusal depth may indicate the presence of a dense till material or weathered bedrock.

Groundwater was encountered in each of the borings at depths ranging from 3'0" to 9'0" below the existing ground surface. Where borings were performed on top of the existing soil stockpiles, the depth to water ranged from 11'6" to 20'6" beneath the surface. These depths correspond to water levels ranging between approximately elevation +279.5 and elevation +285.1.

Upon completion of the boring or test pit, the generated drill cuttings were used to backfill the borehole or test pit from which they were removed. All of the drill cuttings generated

during this investigation appeared to be clean (i.e. no visual contamination or presence of contamination-related odors) at the time of the investigation.

3.2.1 Former Sand Filter Beds

During this investigation, 33 borings (P-1, P-2, P-4 through P-15, P-23 through P-29, P-32, P-33, P-35, P-36, P-38 through P-41, and P-43 through P-46) were performed in the areas of the former sand filter beds in the southern and central portions of the site. The boring locations are shown on the attached Sample Location Plan (see Figure 6).

The soil from each boring was continuously collected in 4-foot intervals to visually identify the soil layers encountered, to scan for volatile and semi-volatile organic vapors using a calibrated PID, and to inspect for any visual and/or olfactory evidence of contamination. The sand filter bed material generally consists of coarse to fine Sand, trace (-) Silt, trace medium to fine Gravel. Soil samples were collected within and immediately below (i.e., zero to six (6) inches) the former sand filter bed material at the discrete depth interval that displayed the greatest evidence of contamination, if present. Where no evidence of contamination was encountered, the soil sample was collected from a depth of zero to six (6) inches immediately below the sand filter bed material. At boring locations where the sand filter bed material was not encountered, the soil sample was collected at the groundwater interface.

A soil sample was collected at each of the 33 boring locations (SF-1 through SF-33). The samples from the former sand filter bed areas were analyzed for TCL VOCs, SVOCs, pesticides and PCBs, and TAL metals, including total mercury and total cyanide as discussed previously. A summary of analytical results for the former sand filter beds is included in Section 4.1.1 of this report.

3.2.2 Former Sludge Beds

As part of the Remedial Investigation (RI) at the subject site, ten (10) borings (P-26 through P-29, P-32, P-33 though P-37) were performed within the two (2) former sludge bed areas in the southern, central portion of the property. The former sludge beds overlap with a few of the former sand filter beds. The boring locations are shown on the attached Sample Location Plan (see Figure 6).

The soil from each boring was continuously collected to visually identify the soil layers encountered, to scan for volatile and semi-volatile organic vapors using a calibrated PID, and to inspect for any visual and/or olfactory evidence of contamination. Soil samples were collected within or immediately below the former sludge bed at the discrete depth interval that displayed the greatest evidence of contamination, if present. If no evidence of contamination was encountered, the sample was collected from the residual organic material within the former sludge bed area.

A soil sample was collected at each of the ten (10) boring locations (SL-1 through SL-10). The subsurface soil samples from the former sludge bed areas were analyzed for TCL VOCs, SVOCs, pesticides and PCBs, and TAL metals, including total mercury and total

cyanide as discussed previously. A summary of the analytical results for the former sludge bed areas is included in Section 4.1.2 of this report.

3.2.3 In-Situ Fill Material

A total of 17 borings were performed to investigate the in-situ fill material (P-3, P-6, P-10, P-14, P-15, P-20 through P-23, P-31, P-34, P-39, P-42, P-45, and P-47 through P-49). Eight (8) of these boring locations were performed in the sand filter/sludge bed areas and nine (9) boring locations were performed throughout the remainder of the site. The boring locations are shown on the attached Sample Location Plan (see Figure 6).

The soil from each boring was continuously collected to visually identify the soil layers encountered, to scan for volatile and semi-volatile organic vapors using a calibrated PID, and to inspect for any visual and/or olfactory evidence of contamination. At each of the 17 boring locations, soil samples were collected from the top one (1) foot of soil (F-1, F-4 through F-8, F-10, F-12, F-14 through F-18, F-21, F-22, F-24, and F-27). Eleven (11) additional soil samples (F-2, F-3, F-9, F-11, F-13, F-19, F-20, F-23, F-25, F-26, and F-28) were collected at depths exceeding one (1) foot from the nine (9) borings located outside of the sand filter/sludge bed areas. The deeper samples were collected from the discrete depth interval that displayed the greatest evidence of contamination as determined by field observations (i.e., visual signs and/or high PID readings). Where no evidence of contamination was encountered, analytical samples were collected from the mid-portion of each sample interval and/or at the groundwater interface.

Select samples from the mid-portion of a sample interval were analyzed for TAL metals. The remaining soil samples were analyzed for TCL VOCs, SVOCs, pesticides and PCBs, and TAL metals, including total mercury and total cyanide. A summary of the analytical results for the in-situ fill material is included in Section 4.1.3 of this report.

3.2.4 Stockpiled Fill Material

There are four (4) large stockpiles of on-site soil located on the subject property. These stockpiles consist of topsoil that was previously stripped from the site and sandy fill material that was previously excavated from the proposed retention basin areas. In addition, there is a large stockpile of a processed dense graded aggregate (Item 4) located in the western portion of the site.

Based on stockpile dimensions and elevations determined by a licensed surveyor, there is approximately 4,013 cubic yards of on-site soil in the four (4) on-site soil stockpiles and approximately 1,852 cubic yards of dense graded aggregate (Item 4) in the fifth stockpile.

A total of 25 test pits (TP-1 through TP-25) were excavated into the five (5) stockpiles during this Remedial Investigation. The test pits were performed to visually identify the material encountered, to scan for volatile and semi-volatile organic vapors using a calibrated PID, to inspect the stockpiled material for any visual and/or olfactory evidence of contamination, and to collect samples for laboratory analytical testing. The soil stockpiles exhibited a slight organic odor due to the organic material (i.e. topsoil, roots,

etc.) mixed with the soil but no staining or other odors were noted. Low PID readings ranging from 0.1 to 0.3 parts per million (ppm) were detected in the west stockpile.

A total of 13 discrete soil samples (STP-1 through STP-13) and five (5) three-point composite soil samples (STP-C1 through STP-C5) were collected from the 16 test pits that were performed in the four (4) on-site soil stockpiles. A total of nine (9) discrete soil samples (STP-14 through STP-22) and three (3) three-point composite soil samples (STP-C6 through STP-C8) were collected from the nine (9) test pits that were performed in the imported dense graded aggregate (Item 4) stockpile. The test pit and stockpile locations are shown on the Sample Location Plan (see Figure 6) in the appendix of this report.

The composite soil samples were collected from the following locations:

Composite Sample	Sample Locations
STP-C1	TP-1 through TP-4
STP-C2	TP-5 through TP-7
STP-C3	TP-8 through TP-10
STP-C4	TP-11 through TP-13
STP-C5	TP-14 through TP-16
STP-C6	TP-17 through TP-19
STP-C7	TP-20 through TP-22
STP-C8	TP-23 through TP-25

The 22 discrete soil samples were analyzed for VOCs and the eight (8) three-point composite samples were analyzed for SVOCs, TCL pesticides, PCBs, TAL metals, and cyanide. The samples were collected from the depth interval that displayed the greatest evidence of contamination, if present. Where no evidence of contamination was encountered, the soil samples were collected from random depths within the stockpiled material. A summary of the analytical results for the stockpiled soil is included in Section 4.1.4 of this report.

3.2.5 Surface Soil

During this investigation, eight (8) surface soil samples (SS-1 through SS-8) were collected at the site to assess human exposures related to incidental soil ingestion, inhalation of soil or dermal contact with soil, in accordance with Section 3.5.1(b)1.i. of DER-10. The surface soil samples were collected from a depth of 0 to 2 inches below the vegetative cover at shallow test pit locations across the site (TP-26 through TP-33). The test pit locations are shown on the attached Sample Location Plan (see Figure 6).

The surface soil samples were analyzed for TCL VOCs, SVOCs, pesticides and PCBs, and TAL metals, including total mercury and total cyanide. A summary of the analytical results for the surface soil is included in Section 4.1.5 of this report.

3.2.6 Former Sludge Spoil Staging Area

During this investigation, two (2) soil borings (P-30 and P-31) were advanced in the former sludge spoil area in the central portion of the property. Three (3) soil samples (SLS-1 through SLS-3) were collected from these borings. The boring locations are shown on the attached Sample Location Plan (see Figure 6).

The soil from each boring was continuously collected at four (4) foot intervals to visually identify the soil layers encountered, to scan for volatile and semi-volatile organic vapors using a calibrated PID, and to inspect for any visual and/or olfactory evidence of contamination. Soil samples were collected from each boring at the discrete depth interval that displayed the greatest evidence of contamination in that particular sample interval as determined by field observations. If no evidence of contamination was encountered, samples were collected from the mid-portion of each sample interval and/or at the groundwater interface. The samples were analyzed for the full TCL/TAL suite as described previously. A summary of the analytical results for the former sludge spoil staging area is included in Section 4.1.6 of this report.

3.2.7 Former Pump House and Effluent Detention Building

As discussed previously, mercury was encountered in one (1) subsurface sample (GP-7) in the vicinity of the former pump house and effluent detention building during a previous subsurface investigation at the subject site. The sample was collected at a depth of 12 to 13 feet below the existing ground surface.

In order to determine the extent of mercury contamination in this area of the site, four (4) soil borings (P-16 through P-19) were advanced around the former GP-7 sampling location. The boring locations are shown on the attached Sample Location Plan (see Figure 6). The soil from each boring was continuously collected at 4-foot intervals to visually identify the soil layers encountered, to scan for volatile and semi-volatile organic vapors using a calibrated PID, and to inspect for any visual and/or olfactory evidence of contamination. A total of 16 soil samples (PH-1 through PH-16) were collected from the borings at the mid-portion of each sample interval and analyzed for TAL metals, including total mercury and total cyanide. For the sampling interval extending 12 to 16 feet below the existing ground surface, soil samples were collected from each boring at a depth of 12 to 13 feet, consistent with the GP-7 sample depth. A summary of the analytical results for the former pump house and effluent detention building is included in Section 4.1.7 of this report.

3.3 Groundwater Sampling

As part of this RI, groundwater monitoring wells were installed at the subject site for the purpose of measuring the groundwater level, determining the groundwater flow direction, and collecting groundwater samples in accordance with Sections 2.1-2.4 and 3.7 of DER-10. The monitoring wells were installed and sampled as outlined below. The monitoring well locations are shown on the Sample Location Plan (see Figure 6) in the appendix of this report.

3.3.1 Monitoring Well Installation

During this Remedial Investigation, four (4) soil borings were advanced using a standard drilling rig employing hollow-stem augers and completed as two (2)-inch monitoring wells. The purpose of the monitoring wells was for measuring water levels and collecting groundwater samples. The monitoring wells extended to depths ranging from 13 feet to 15 feet below the existing ground surface. Monitoring well logs are included in Appendix B of this report.

The monitoring well borings were advanced using 4.25-inch I.D. hollow stem augers (HSA). Soil sampling with split spoon samplers was performed at each boring location to visually identify the soil layers encountered, to scan for volatile and semi-volatile organic vapors using a calibrated PID, and to inspect for any visual and/or olfactory evidence of contamination.

A two (2)-inch monitoring well was constructed at each of the four (4) boring locations. The monitoring well consists of flush-joint Schedule 40 PVC solid riser and machine slotted screen (0.010-inch slot size). The monitoring well screen was ten (10) feet in length and extended across the top of the groundwater table. A sand pack was installed from at least one (1) foot beneath the base of the well, around the well screen and extending to at least one (1) foot above the top of the well screen. A bentonite seal, approximately one (1) to three (3) feet in thickness, was then installed immediately above the sand layer. The remainder of the borehole was filled with on-site soil fill to the ground surface. The well riser pipe extended approximately two (2) to three (3) feet above the ground surface and was fitted with a lockable J-plug. A protective steel casing with a concrete pad was then installed over each of the monitoring wells.

3.3.2 Well Development

On 14 June 2012, the newly installed groundwater monitoring wells were developed by mechanically surging the water in the well to loosen and remove suspended fines from the well screen and sand pack and purging the groundwater using a whale pump. Measurements of the water volume removed and water quality parameters including temperature, pH, conductivity, and turbidity were recorded during the well development process. Development continued until the water cleared and water quality measurements stabilized to within 10% of the previous measurement. The well development records are attached in Appendix B of this report.

3.3.3 Groundwater Sample Collection

The newly-installed and developed wells were allowed to stabilize for at least ten (10) days prior to sampling. On 29 June 2012, Carlin-Simpson & Associates returned to the site to collect samples from each of the wells. Prior to sampling, the static groundwater elevation at each well was measured and the well casing was scanned for volatile and semi-volatile organic vapors using a calibrated PID. The measurements are presented in Table A below.

Table A - Monitoring Well Measurements

Well No.	PID Reading (ppm)	Ground Surface Elevation	Top of Casing Elevation	Depth to Water (feet)	Water Elevation
MW-1	3.3	+289.3	+291.46	9.04	+282.42
MW-2	1.6	+287.9	+290.23	8.23	+282.00
MW-3	0.0	+290.1	+292.70	8.33	+284.37
MW-4	2.4	+286.4	+288.64	5.12	+283.52

The above groundwater elevations were used to generate a Groundwater Contour Map. This map is presented as Figure 5 in the appendix of this report. Based on the groundwater measurements, we have determined that the groundwater beneath the subject site generally flows in a northerly or northwesterly direction, which is generally consistent with the flow of the adjacent Kisco River.

Groundwater samples were collected from each of the four (4) monitoring wells using the United States Environmental Protection Agency (USEPA) Region II Low Stress (Low Flow) Purging and Sampling Procedures (March 1998). One of the monitoring wells (MW-3) produced poorly and there was an insufficient groundwater recharge rate to perform proper low flow sampling. Instead, monitoring well MW-3 was purged dry and allowed to recover a minimum of 90% of the static water level before sampling. A new and dedicated disposable bailer was used to collect the groundwater sample from well MW-3.

Field measurements for pH, specific conductivity, dissolved oxygen (DO), temperature, turbidity, flow rate and water level, as well as visual and olfactory field observations, were monitored and recorded during well purging. A well was considered stabilized and ready for sample collection when the recorded field parameters had stabilized for three consecutive readings as follows: ±0.1 for pH, ±3% for specific conductivity, and ±10% for DO and turbidity. The recorded water quality measurements are included on the Water Sampling Data Sheets in Appendix C of this report. The analytical results for groundwater are discussed in Section 4.2 below.

3.4 Surface Water / Sediment Sampling

The site plans indicate that the former facility discharged to the adjacent Kisco River. Therefore, a surface water and sediment sampling program was performed in accordance with Section 3.8 of DER-10 to identify potential contaminants of concern within the river as a result of the former facility on the subject site. The sampling program for the surface water and sediment was performed as outlined in the following sections of this report. The sampling locations are indicated on the Sample Location Plan (see Figure 6).

3.4.1 Surface Water Sample Collection

As part of this Remedial Investigation, surface water samples were collected in accordance with Section 3.8.2(b) of DER-10 at the following locations in the Kisco River:

1) Two (2) samples upgradient of the subject site (SW-3 and SW-4);
2) One (1) sample near the former discharge area (SW-2); and
3) One (1) sample downgradient of the subject site (SW-1).

Water quality parameters (pH, conductivity, temperature, dissolved oxygen, and turbidity) were measured in the stream during sampling. The recorded values are included on the Water Sampling Data Sheets in Appendix C of this report.

Surface water samples were collected by carefully dipping the unpreserved sample bottles into the stream and removing the lid below the surface of the water to avoid collecting samples at the air-water interface. Samples were then transferred from the unpreserved bottle to the appropriate sample containers. All samples were placed on ice and transported under proper chain of custody procedures to the analytical testing laboratory. The analytical results for surface water are discussed in Section 4.3 of this report.

3.4.2 Sediment Sample Collection

During this Remedial Investigation, sediment samples were collected in accordance with Section 3.8.2(c) of DER-10 at the following locations in the Kisco River:

1) Two (2) samples upgradient of the subject site (SED-3 and SED-4);
2) One (1) sample near the former discharge area (SED-2); and
3) One (1) sample downgradient of the subject site (SED-1).

The sediment samples consisted of discrete sampling for VOCs as well as three-point composite sampling at each sediment sampling point for the remaining analytical parameters. The three-point composite sample ensured an accurate representation of the sediment quality in the sampling areas. The sediment samples were collected from the streambed using pre-cleaned stainless steel scoops. The composite samples were thoroughly mixed in pre-cleaned stainless steel bowls prior to filling the appropriate sample containers. The VOC analysis sample was collected directly from one of the composite points, and immediately placed in the appropriate sample container. All samples were placed on ice and transported under proper chain of custody procedures to the analytical laboratory.

The sediment samples were analyzed for TCL VOCs, SVOCs, pesticides and PCBs, and TAL metals, including total mercury and total cyanide. A summary of the analytical results for the sediment samples is included in Section 4.4 of this report.

3.5 Community Air Monitoring Program

A site-specific Community Air Monitoring Plan (CAMP) was included in the Remedial Investigation Work Plan (RAWP) that was prepared for the subject site. The CAMP includes information regarding VOC and particulate monitoring, response levels, and the required actions.

Real-time air monitoring was performed to monitor the immediate work area and the downwind community during the remedial investigation field work. Continuous real-time

air monitoring was conducted for VOCs and particulates (i.e., dust) at the downwind perimeter of the designated work area when ground intrusive activities were in progress, including drilling and soil boring operations, monitoring well installations, excavating test pits and backfilling activities.

The air in the immediate work area was also monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis using a photoionization detector (PID), which is capable of detecting VOCs and SVOCs at concentrations as low as one (1) part per million (ppm) and capable of calculating 15-minute running average concentrations. Upwind concentrations were also measured at the start of each workday and periodically thereafter to establish background conditions, particularly when wind direction changed.

Particulate concentrations were monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring was performed using real-time monitoring equipment capable of measuring particulates less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The particulate monitoring equipment was equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration was visually assessed during all work activities.

The PIDs that were used during this investigation included RAE Systems MniRAE 2000 and MiniRAE 3000 models. The dust meters consisted of TSI DustTrak 8530 or Thermo PDR-1000 model dust meters. No exceedances to the action levels were noted during the field activities. The data was logged on each device and downloaded each day. The CAMP data logs are included in Appendix D of this report.

4.0 LABORATORY ANALYTICAL RESULTS

The purpose of this section is to provide a discussion of the results from the data generated during this investigation for soil, groundwater, surface water, and sediment. The analytical results are attached as Appendix F (soil), Appendix G (groundwater and surface water), and Appendix H (sediment) of this report.

All of the samples requiring chemical analysis were placed into the appropriate laboratory-provided containers, and the containers were appropriately labeled with unique sample numbers. All samples were then stored in coolers on ice until delivery to the selected analytical laboratory under appropriate chain-of-custody procedures. Copies of chain-of-custody documents are included with the laboratory analytical results in Appendix F (soil), Appendix G (groundwater and surface water), and Appendix H (sediment) of this report. The samples were hand-delivered to Test America Inc. in Edison, New Jersey within 48-hours of sample collection.

Select soil samples were analyzed for the Target Analyte List (TAL) suite (Metals, Mercury and Cyanide). The remaining soil, water, and sediment samples were analyzed for the full Target Compound List (TCL) suite plus the 30 highest concentration tentatively

identified compounds (TICs) [volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and pesticides/ polychlorinated biphenyls (PCBs)] and the Target Analyte List (TAL) suite (Metals, Mercury and Cyanide) by NYSDEC July 2005 Analytical Services Protocol (ASP) methods as follows:

1) TCL VOCs + TICs by EPA Method 8260B;
2) TCL SVOCs + TICs by EPA Method 8270;
3) TCL Pesticides/PCBs by EPA Methods 8081A/8082;
4) TAL Metals + Total Cyanide by EPA Methods 6010 and 9012; and
5) Total Mercury by EPA Method 7471A.

All samples were analyzed by methods that can achieve the minimum reporting limits to allow for comparison of the results with background levels and with Part 375 Soil Cleanup Objectives (SCOs). For the purpose of this report, constituent concentrations detected were compared to the following NYSDEC standards:

- Soil: Unrestricted Use Soil Cleanup Objectives (UUSCO) and Commercial Use Soil Cleanup Objectives (CUSCO) from 6 New York Code of Rules and Regulations (NYCRR) Part 375.

- Groundwater: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (TOGS) 1.1.1 (NYSDEC, 1998) and April 2000 Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) Number 1.1.1 (NYSDEC, 2000).

- Surface Water: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (TOGS) 1.1.1 (NYSDEC, 1998) and April 2000 Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) Number 1.1.1 (NYSDEC, 2000).

- Sediment: NYSDEC Division of Fish, Wildlife and Marine Resources Technical Guidance for Screening Contaminated Sediments.

4.1 Site Soils

During this investigation, a total of 128 soil samples were collected from the 49 borings and 33 test pits that were performed in the various areas of concern throughout the subject property. The boring locations are shown on the attached Sample Location Plan (see Figure 6). The results for each area of concern are discussed below.

4.1.1 Former Sand Filter Beds

A total of 33 soil samples (SF-1 through SF-33) were collected from 33 borings (P-1, P-2, P-4 through P-15, P-23 through P-29, P-32, P-33, P-35, P-36, P-38 through P-41, and P-43 through P-46) that were performed in the eight (8) former sand filter bed areas. The boring locations are shown on the attached Sample Location Plan (see Figure 6) and the laboratory analytical results are summarized on the attached Table 1.

The results indicate that some VOCs were detected in each of the 33 samples from the former sand filter bed areas Most of the detected concentrations were below the Unrestricted Use SCOs. The only exception is acetone in samples SF-10, SF-16, SF-18, SF-23, SF-24, and SF-32, which was present at concentrations exceeding the Unrestricted Use SCO but well below the Commercial Use SCO. Acetone was also detected in the laboratory blank. Therefore, we expect that these detections were due to laboratory contamination and that acetone is not a concern in the former sand filter bed areas at the subject site.

Some SVOCs were also detected in six (6) of the 33 subsurface samples from the former sand filter bed areas. Most of the detected concentrations were below the Unrestricted Use SCOs. In sample SF-31, however, there are four (4) constituents (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and dibenz(a,h)anthracene) that exceed the Commercial Use SCOs. This sample also contains three (3) additional constituents (benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene) that exceed the Unrestricted Use SCOs but are below the Commercial Use SCOs. The constituent concentrations that exceed the Commercial Use SCOs are also indicated on Figure 7 in the appendix of this report.

The analytical results indicate that the soil samples from the former sand filter areas do not contain any PCBs or pesticides.

Metals were detected in each of the 33 subsurface samples from the former sand filter bed areas. In 14 of the samples, there were concentrations of at least one metal that exceeded the Unrestricted Use SCOs. These metals consisted of chromium, copper, lead, zinc, and/or mercury. All of the detected metals, however, were present at concentrations well below the Commercial Use SCOs.

4.1.2 Former Sludge Beds

A total of ten (10) soil samples (SL-1 through SL-10) were collected from 10 borings (P-26 through P-29, P-32, P-33 though P-37) that were performed in the two (2) former sludge bed areas. The boring locations are shown on the attached Sample Location Plan (see Figure 6) and the laboratory analytical results are summarized on the attached Table 2.

The results indicate that some VOCs and SVOCs were detected in select samples from the former sludge bed areas. With the exception of acetone, all detected constituents were present at concentrations that are well below the Unrestricted Use SCOs. Acetone was detected in five (5) of the samples at concentrations exceeding the Unrestricted Use SCO but the detected concentrations were well below the Commercial Use SCO. In addition, acetone was detected in the laboratory blank. Therefore, we expect that these detections were due to laboratory contamination and that acetone is not a concern in the former sludge bed areas at the subject site.

The analytical results indicate that the soil samples from the former sludge bed areas do not contain any PCBs or pesticides.

Metals were detected in each of the ten (10) samples from the former sludge bed areas. Chromium, copper, lead, silver, zinc, and/or mercury were detected at concentrations that exceed the Unrestricted Use SCOs in nine (9) of the samples. Mercury was detected in one (1) sample (SL-3) at a concentration of 8.4 ppm, which exceeds the Commercial Use SCO of 2.8 ppm. All other metals were present at concentrations below the Unrestricted Use SCOs. The constituent concentrations that exceed the Commercial Use SCOs are indicated on Figure 7 in the appendix of this report.

4.1.3 In-Situ Fill Material

A total of 17 shallow fill samples (F-1, F-4 through F-8, F-10, F-12, F-14 through F-18, F-21, F-22, F-24, and F-27) and 11 subsurface fill samples (F-2, F-3, F-9, F-11, F-13, F-19, F-20, F-23, F-25, F-26, and F-28) were collected from 17 borings (P-3, P-6, P-10, P-14, P-15, P-20 through P-23, P-31, P-34, P-39, P-42, P-45, and P-47 through P-49) that were performed throughout the subject site. The shallow fill samples were collected at a depth of zero (0) to one (1) foot below the ground surface while the subsurface samples were collected at deeper sampling intervals. The boring locations are shown on the attached Sample Location Plan (see Figure 6). The laboratory analytical results for the shallow fill material are summarized on the attached Table 3 and the laboratory analytical results for the subsurface fill material along with the sample depths are summarized on the attached Table 4.

The results indicate that some VOCs and SVOCs were detected in select samples of the shallow fill material. All detected constituents were present at concentrations that are well below the Unrestricted Use SCOs. Some VOCs and SVOCs were also detected in the subsurface fill samples. Acetone was detected in two (2) of the subsurface fill samples (F-13 and F-19) at concentrations exceeding the Unrestricted Use SCO but the detected concentrations were well below the Commercial Use SCO. In addition, acetone was detected in the laboratory blank. Therefore, we expect that these detections were due to laboratory contamination and that acetone is not a concern in these areas of the subject site. Acetone, 2-butanone, toluene, and/or xylenes were also detected in two (2) other samples of the subsurface fill material (F-20 and F-23) at concentrations exceeding the Unrestricted Use SCO but the detected concentrations were also well below the Commercial Use SCO.

The analytical results indicate PCBs were detected in one (1) sample of the shallow fill material (F-8) at a concentration of 0.086 ppm, which is below the Unrestricted Use SCO. In addition, PCBs were detected in six (6) of the subsurface fill samples. At three (3) sample locations (F-13, F-20, and F-23), the PCB concentrations exceeded the Unrestricted Use SCO but were below the Commercial Use SCO.

One (1) pesticide (4,4'-DDT) was detected in one (1) shallow fill sample (F-8) at a concentration exceeding the Unrestricted Use SCO but well below the Commercial Use SCO. In addition, pesticides were detected in three (3) of the subsurface fill samples (F-13, F-20, and F-23). Four (4) pesticides (4,4'-DDD, 4,4'-DDE, 4,4'-DDT, and/or dieldrin) were detected at concentrations exceeding the Unrestricted Use SCOs but well below the Commercial Use SCOs.

Metals were detected in each of the 17 shallow fill samples and 11 subsurface fill samples. Chromium, lead, silver, vanadium, zinc, and/or mercury were detected at concentrations that exceed the Unrestricted Use SCOs in three (3) of the shallow fill samples. Chromium, copper, lead, silver, zinc, and/or mercury were also detected at concentrations that exceed the Unrestricted Use SCOs in eight (8) of the subsurface fill samples. At one (1) subsurface fill sample location (F-23), barium, cadmium, copper, and mercury were present at concentrations exceeding the Commercial Use SCOs. All other metals were present at concentrations that are below the Unrestricted Use SCOs. The constituent concentrations that exceed the Commercial Use SCOs are indicated on Figure 7 in the appendix of this report.

4.1.4 Stockpiled Fill Material

A total of 22 discrete soil samples (STP-1 through STP-22) and eight (8) composite soil samples (STP-C1 through STP-C8) were collected from 25 test pits (TP-1 through TP-25) that were excavated into the five (5) existing stockpiles on the subject site. The stockpile and test pit locations are shown on the attached Sample Location Plan (see Figure 6) and the laboratory analytical results are summarized on the attached Table 5.

The results indicate that some VOCs and SVOCs were detected in select samples from the stockpiled fill material. With the exception of acetone, all detected constituents were present at concentrations that are well below the Unrestricted Use SCOs. Acetone was detected in two (2) of the samples at concentrations exceeding the Unrestricted Use SCO but the detected concentrations were well below the Commercial Use SCO. In addition, acetone was detected in the laboratory blank. Therefore, we expect that these detections were due to laboratory contamination and that acetone is not a concern in this area of the subject site.

The analytical results indicate that the stockpiled fill material does not contain any PCBs.

Three (3) pesticides (4,4'-DDD, 4,4'-DDE, and 4,4'-DDT) were detected in one (1) sample (STP-C5) and one (1) pesticide (4,4'-DDT) was detected in one (1) other sample (STP-C4) at concentrations exceeding the Unrestricted Use SCO but well below the Commercial Use SCO. Samples STP-C4 and STP-C5 were both collected from the central soil stockpile.

Metals were detected in each of the eight (8) composite samples from the stockpiled fill areas. Chromium, copper, silver, zinc, and/or mercury were detected at concentrations that exceed the Unrestricted Use SCOs in four (4) of the samples. The concentrations of these metals are all well below the Commercial Use SCOs. All other metals were present at concentrations that are below the Unrestricted Use SCOs.

4.1.5 Surface Soil

A total of eight (8) soil samples (SS-1 through SS-8) were collected from eight (8) shallow test pits (TP-26 through TP-33) that were hand excavated throughout the subject property. The test pit locations are shown on the attached Sample Location Plan (see Figure 6) and the laboratory analytical results are summarized on the attached Table 6.

The results indicate that some VOCs and SVOCs were detected in the surface soil samples but all detected constituents were present at concentrations that are well below the Unrestricted Use SCOs.

The analytical results indicate that the surface soil samples do not contain any PCBs.

One (1) pesticide (4,4'-DDT) was detected in one (1) surface soil sample (SS-1) at a concentration exceeding the Unrestricted SCO but well below the Commercial Use SCO.

Metals were detected in each of the eight (8) surface soil samples. Zinc and mercury were detected at concentrations that exceed the Unrestricted Use SCOs in one (1) of the samples (SS-2). The concentrations of these metals are all well below the Commercial Use SCOs. All other metals were present at concentrations that are below the Unrestricted Use SCOs.

4.1.6 Former Sludge Spoil Staging Area

Three (3) soil samples (SLS-1 through SLS-3) were collected from two (2) borings (P-30 and P-31) that were performed in the former sludge spoil staging area. The boring locations are shown on the attached Sample Location Plan (see Figure 6) and the laboratory analytical results are summarized on the attached Table 7.

The results indicate that some VOCs and SVOCs were detected in two (2) of the samples from the former sludge spoil staging area. All detected constituents, however, were present at concentrations that are well below the Unrestricted Use SCOs.

The analytical results indicate that the soil samples from the former sludge spoil staging area do not contain any PCBs or pesticides.

Metals were detected in each of the three (3) samples from the former sludge spoil staging area. Copper, lead, silver, zinc, and mercury were detected at concentrations that exceed the Unrestricted Use SCOs in one (1) of the samples (SLS-3) and mercury was detected at a concentration that exceeds the Unrestricted Use SCO in one (1) other sample (SLS-2). The concentrations of these metals are all well below the Commercial Use SCOs. All other metals were present at concentrations that are below the Unrestricted Use SCOs.

4.1.7 Former Pump House and Effluent Detention Building

A total of 16 subsurface soil samples (PH-1 through PH-16) were collected from four (4) borings (P-16 through P-19) that were advanced in the former pump house and effluent detention building area. The boring locations are shown on the attached Sample Location Plan (see Figure 6) and the laboratory analytical results are summarized on the attached Table 8.

Metals were detected in each of the 16 samples from the former pump house and effluent detention building area. Arsenic, chromium, copper, lead, silver, zinc, and/or mercury were detected at concentrations that exceed the Unrestricted Use SCOs in seven (7) of the samples. Mercury was detected in one (1) sample (PH-16) at a concentration of 4.0 ppm, which exceeds the Commercial Use SCO of 2.8 ppm. All other metals were present at

concentrations below the Unrestricted Use SCOs. The constituent concentrations that exceed the Commercial Use SCOs are indicated on Figure 7 in the appendix of this report.

4.1.8 Former Chlorination Components

When chlorine or other disinfectants react with naturally occurring organic and inorganic matter in water, they produce byproducts that consist of trihalomethanes. The four (4) trihalomethane compounds commonly associated with chlorination are chloroform, bromodichloromethane, dibromochloromethane, and bromoform. Each of these compounds is included on the Target Compound List (TCL) for Volatile Organic Compounds (VOCs) by EPA Method 8260B.

The laboratory analytical results indicate that chloroform was detected in one (1) soil sample (SL-3) at an estimated concentration that was well below the Unrestricted Use SCO. No other trihalomethanes were detected in any of the remaining soil samples that were collected at the subject site during this Remedial Investigation. Based on these results, the subject site does not appear to have been impacted as a result of previous chlorination components on the property.

4.2 Groundwater

During this investigation, four (4) groundwater samples were collected from four (4) groundwater monitoring wells that had been installed at the subject property. The monitoring well locations are shown on the attached Sample Location Plan (see Figure 6) and the laboratory analytical results are summarized on the attached Table 9.

The results indicate that a few VOCs were detected in three (3) of the groundwater samples (MW-1, MW-2, and MW-4). All detected constituents, however, were present at concentrations that are well below the NYSDEC Ambient Water Quality Standards.

The analytical results indicate that the groundwater samples do not contain any SVOCs, PCBs, or pesticides.

Metals were detected in each of the four (4) groundwater samples. Many of the detected concentrations are below the NYSDEC Ambient Water Quality Standards. However, iron and manganese exceed the Ambient Water Quality Standards in each of the four (4) samples. In addition, magnesium was detected in one (1) sample (MW-2) and sodium was detected in three samples (MW-1, MW-2, and MW-4) at concentrations that exceed the Ambient Water Quality Standards.

4.3 Surface Water

During this investigation, four (4) surface water samples were collected from the Kisco River, which is adjacent to the subject property. The surface water sample locations are shown on the attached Sample Location Plan (see Figure 6). The laboratory analytical results for surface water are summarized on the attached Table 10.

The results indicate that some VOCs and SVOCs were detected in the surface water samples. One compound (Tetrachloroethene or PCE) was detected in each of the four (4) surface water samples at concentrations that exceed the NYSDEC Ambient Water Quality Standards. All remaining VOC and SVOC constituents were present at concentrations that are below the Ambient Water Quality Standards.

Since PCE was detected at levels exceeding the NYSDEC Ambient Water Quality Standards at upstream and downstream sampling locations and since PCE was not detected at concentrations exceeding the Unrestricted Use SCOs or the Ambient Water Quality Standards on the subject site, it seems likely that an upstream source is causing the PCE levels in the Kisco River.

The analytical results indicate that the surface water samples do not contain any PCBs or pesticides.

Metals were detected in each of the four (4) surface water samples. Aluminum and iron were present in each of the four (4) surface water samples at concentrations that exceed the Ambient Water Quality Standards. All remaining metals were present at concentrations that are below the Ambient Water Quality Standards.

4.4 Sediment

During this investigation, four (4) sediment samples were collected from the Kisco River, which is adjacent to the subject property. The sediment sample locations are shown on the attached Sample Location Plan (see Figure 6). The laboratory analytical results for sediment are summarized on the attached Table 11.

The analytical results indicate that the sediment samples do not contain any VOCs.

The results indicate that some SVOCs were detected in each of the four (4) sediment samples. All detected constituents, however, were present at concentrations that are well below the strictest NYSDEC sediment criteria for fresh waters.

Each of the four (4) sediment samples also contains pesticides. Chlordane was detected in one downstream sample (SED-1) and one upstream sample (SED-4) at concentrations that exceed the strictest NYSDEC sediment criteria for fresh waters, which are the human health bioaccumulation sediment criteria. The detected concentrations, however, are below the wildlife bioaccumulation sediment criteria. All other pesticides were present at concentrations below the strictest NYSDEC sediment criteria.

In addition, PCBs were detected in each of the four sediment samples at concentrations exceeding the NYSDEC sediment criteria for fresh waters. In three of the samples, the PCB concentrations were relatively consistent, ranging from 2.3 ppb to 3.1 ppb but in sample SED-2, the PCB concentration was reported as 275 ppb. This sample was collected from an area where the river turns to the north. We expect that water moves more slowly through this area and that sediment is easily deposited in this area of the river, resulting in a higher accumulation of PCBs. In each of the samples, the PCB concentrations exceed the strictest sediment criteria for human health bioaccumulation but are well below the wildlife

bioaccumulation sediment criteria.

The PCB and chlordane detections in the river are inconsistent with the detections in the site soils, which were isolated and at concentrations below the Commercial Use SCOs. Therefore, it seems likely that an upstream source is affecting the PCB and chlordane levels in the sediment of the Kisco River.

Metals were also detected in each of the four (4) sediment samples but the detected concentrations are below the strictest NYSDEC sediment criteria for fresh waters.

4.5 Data Usability Summary Reports

The laboratory data packages were sent to a qualified, independent, data validation specialist (EnviroAnalytics of Utica, New York) for evaluation of the accuracy and precision of the analytical results and for preparation of Data Usability Summary Reports (DUSRs). A DUSR was prepared for each of the seven (7) laboratory data packages. The DUSRs provide a thorough evaluation of the analytical data to determine whether or not the data, as presented, meets the site/project specific criteria for data quality and use. The DUSRs were prepared in accordance with the guidelines in Section 2.2 and Appendix 2B of DER-10. Copies of the DUSRs are included in Appendix I of this report. The data validation results for the different sampling media (i.e. soil, water, and sediment) are discussed in the following sections of this report.

4.5.1 Soil Results

The data validation of the analytical results for the soil samples collected from the subject site indicates that the majority of results are usable as reported. The overall percent usability or completeness of the data for the five (5) laboratory data packages ranges from 99.87% to 99.97%.

The inorganics analyses data have been determined to be usable for qualitative and quantitative purposes with minor qualification. Sample results for several analytes were qualified based on deviations from matrix spike recovery criteria.

The VOC analyses data were determined to be usable for qualitative and quantitative purposes with minor qualification. Sample results for several compounds were qualified based on deviations from method blank, matrix spike, continuing calibration criteria, and field duplicate criteria.

The SVOC analyses data were determined to be usable for qualitative and quantitative purposes with the exception of the non-detected result for 2,4-Dinitrophenol for samples STP-C5, SF-8, F-6, F-12, SL-8, SF-25, and F-16, the non-detected result for 4,6-Dinitro-2-Methylphenol for samples SF-8, F-6, SL-8, SF-25, and F-16, and the non-detected result for Hexachlorocyclopentadiene for samples SL-8, SF-25, F-16, and F-23 that were rejected due to matrix spike recovery deviations. Sample results for several compounds were qualified based on deviations from matrix spike recovery, initial calibration, and continuing calibration criteria.

The PCBs data were determined to be usable for qualitative and quantitative purposes with minor qualification. Aroclor 1260 results were qualified as approximated for all samples in the third data package due to field duplicate criteria deviations. The remaining PCBs data were determined to be usable for qualitative and quantitative purposes as reported by the laboratory.

The pesticides data were determined to be usable for qualitative and quantitative purposes with minor qualification. Sample results for several samples were qualified based on deviations from pesticide identification criteria.

4.5.2 Groundwater and Surface Water Results

The data validation of the analytical results for the groundwater and surface water samples collected from the subject site and from the adjacent Kisco River indicates that the inorganics analyses data, SVOC analyses data, PCBs data, and pesticides data were determined to be usable for qualitative and quantitative purposes as reported by the laboratory.

The VOC analyses data were determined to be usable for qualitative and quantitative purposes with minor qualification. Sample results for several compounds were qualified based on deviations from field duplicate and continuing calibration criteria.

The overall percent usability or completeness of the data was 100%.

4.5.3 Sediment Results

The data validation of the analytical results for the sediment samples collected from the Kisco River indicates that the majority of results are usable as reported. The overall percent usability or completeness of the data was 99.88%.

The inorganics analyses data have been determined to be usable for qualitative and quantitative purposes with minor qualification. Sample results for several analytes were qualified based on deviations from matrix spike recovery criteria.

The VOC analyses data were determined to be usable for qualitative and quantitative purposes with minor qualification. Sample results for several compounds were qualified based on deviations from continuing calibration criteria.

The SVOC analyses data and the PCBs data were determined to be usable for qualitative and quantitative purposes as reported by the laboratory.

The pesticides data were determined to be usable for qualitative and quantitative purposes with the exception of the non-detected result for Endrin Aldehyde for sample SED-3 that was rejected due to matrix spike recovery deviations. Sample results for several compounds were qualified based on deviations from matrix spike recovery and pesticide identification criteria.

5.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

To evaluate potential exposures to site contaminants, a Qualitative Human Health Exposure Assessment was completed consistent with the NYSDOH guidance in Appendix 3B of the NYSDEC DER-10 *Technical Guidance for Site Investigation and Remediation* dated May 2010 (DER-10). The overall purpose of the Qualitative Human Health Exposure Assessment was to evaluate and document how people might be exposed to site-related contaminants, and to identify and characterize the potentially exposed population(s) now and under the reasonably anticipated future use of the site.

The laboratory analytical data from this Remedial Investigation were evaluated to determine whether there is any health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. Exposure pathways are the routes that the contaminants take to travel from the source to a receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur.

5.1 Potential Contaminants of Concern

Based on the results of the Remedial Investigation at the subject site, the potential contaminants of concern are as follows:

Soil

- Metals, including barium, cadmium, copper, and mercury, in isolated subsurface sample locations, that exceed the Commercial Use SCOs;
- Metals, including arsenic, chromium, copper, lead, silver, zinc, and mercury in surface and subsurface samples that exceed the Unrestricted Use SCOs;
- Semi-Volatile Organic Compounds (SVOCs), including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and dibenz(a,h)anthracene, in isolated subsurface sample locations, that exceed the Commercial Use SCOs;
- Semi-Volatile Organic Compounds (SVOCs), including benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene, in isolated subsurface sample locations, that exceed the Unrestricted Use SCOs;
- Volatile Organic Compounds (VOCs), including 2-butanone, acetone, toluene, and xylenes, in isolated subsurface sample locations, that exceed the Unrestricted Use SCOs;
- Pesticides, including 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, and dieldrin in isolated surface and subsurface sample locations, that exceed the Unrestricted Use SCOs; and

- Polychlorinated biphenyls (PCBs) in isolated subsurface sample locations that exceed the Unrestricted Use SCOs.

Groundwater

- Metals, including iron, magnesium, manganese, and sodium that exceed the NYSDEC Ambient Water Quality Standards.

Surface Water – Kisco River

- Volatile Organic Compounds (VOCs), including tetrachloroethene (PCE), that exceed the Ambient Water Quality Standards; and

- Metals, including aluminum and iron, which exceed the Ambient Water Quality Standards.

Sediment – Kisco River

- Pesticides, including chlordane, and polychlorinated biphenyls (PCBs) that exceed the strictest sediment criteria.

5.2 Nature, Extent, Fate and Transport of Contaminants

Elevated concentrations of metals, SVOCs, VOCs, pesticides, and PCBs were identified in several soil samples collected at the site. At most locations, the contaminants were detected at concentrations exceeding the Unrestricted Use SCOs but were well below the Commercial Use SCOs. In four (4) isolated subsurface sample locations, there were metals and/or SVOCs at concentrations that exceeded the Commercial Use SCOs.

Metals associated with hardness (iron, magnesium, manganese, and sodium) were detected in the groundwater at concentrations exceeding the NYSDEC Ambient Water Quality Standards and tetrachloroethene (PCE) and metals (aluminum and iron) were detected in the surface water of the adjacent Kisco River. In addition, chlordane and PCBs were detected in the river sediment. Based on the analytical results, the contaminants detected in the groundwater and in the river are not related to the contaminants detected in the site soils. The contaminants in the site soils do not appear to be migrating into the groundwater below the site or into the adjacent Kisco River. Given the isolated nature of the contaminants in the site soils, they are not expected to migrate off-site.

5.3 Potential Exposure Routes

An exposure route is the mechanism by which a receptor comes into contact with a chemical. There are three (3) primary potential routes of exposure, which are as follows:

- Ingestion of soil, water, or sediment;
- Inhalation of particulates; and
- Dermal contact with soil, water, or sediment.

The potential on-site and off-site receptors and the exposure routes for the existing and proposed uses of the subject site are discussed below.

Existing Conditions

The site is currently undeveloped and uninhabited by people. In addition, public access to the site is restricted by fencing. There is a potential for trespassers to come into direct contact with surface soil or stockpiled soil that contains metals or pesticides at concentrations that exceed the NYSDEC Unrestricted Use SCOs. Trespassers could potentially ingest or have dermal contact with this material. Given the existing site conditions, there is no potential for exposure to contaminants in the subsurface soils or groundwater at the site. In addition, there is no potential for exposure to off-site receptors.

Since the Kisco River is located off-site, there is a potential for exposure to contaminated surface water and/or sediment for anyone wading in the Kisco River.

Construction Activities

Once redevelopment work begins at the site, construction workers will potentially come into direct contact with surface and subsurface soils, as well as groundwater, as a result of the on-site construction and excavation activities. Construction workers could potentially ingest, inhale, or have dermal contact with any exposed impacted soil or groundwater. During construction, on-site exposure to potentially contaminated soil and groundwater will be addressed through the implementation of a Soil Management Plan (SMP) and a Construction Health and Safety Plan (CHASP).

Similarly, off-site receptors could be exposed to dust from on-site construction activities. During construction, off-site exposures to contaminated dust from the site will be addressed through the SMP, which includes recommendations for dust control, and through the implementation of a Community Air Monitoring Program (CAMP).

Proposed Future Conditions

It is expected that the proposed future use of the site will be a commercial use. Once the redevelopment of the site has been completed, the only potential exposure pathway on the site will be to future construction workers or utility workers performing subsurface work on the property. Future exposure to potentially impacted soil and groundwater will be addressed through the implementation of a Soil Management Plan (SMP) and a site-specific Health and Safety Plan (HASP).

Since the Kisco River is located off-site, there will still be a potential for exposure to contaminated surface water and/or sediment for anyone wading in the Kisco River.

5.4 Summary of Human Health Exposure Assessment

Based upon this analysis, potential on-site exposure pathways appear to be present. Under current conditions, the only potential on-site exposure pathway is for trespassers to be

exposed to surface soil or stockpiled soil. This soil meets the Commercial Use SCOs but contains metals or pesticides at concentrations exceeding the Unrestricted Use SCOs. During construction, on-site exposures to contaminated soil and groundwater, as well as potential on-site and off-site exposure to dust, will be addressed through the implementation of a Soil Management Plan (SMP), a Community Air Monitoring Program (CAMP), and a Construction Health and Safety Plan (CHASP). After the site redevelopment is complete, the only potential on-site exposure pathway will be to future construction workers or utility workers performing subsurface work on the property. This potential exposure will be addressed through the implementation of a Soil Management Plan (SMP) and a Health and Safety Plan (HASP).

6.0 FISH AND WILDLIFE IMPACT ANALYSIS

To determine if a Fish and Wildlife Resources Impact Analysis (FWIA) was required for the subject site, Carlin-Simpson & Associates reviewed and completed the Fish and Wildlife Resources Impact Analysis Decision Key from Appendix 3C of the NYSDEC DER-10 *Technical Guidance for Site Investigation and Remediation* dated May 2010 (DER-10).

Based on our interpretation of the FWIA Decision Key, a FWIA is not required for the subject site. A copy of the completed FWIA Decision Key is included in Appendix E of this report.

7.0 SUMMARY AND CONCLUSIONS

A Remedial Investigation (RI) of the Undeveloped Parcel Site located at 6 Morgan Drive in Mt. Kisco, New York was performed by Carlin-Simpson & Associates on behalf of Crème de la Crème Inc. The field work was conducted in June 2012. The objective of this program was to comprehensively investigate the property to characterize potential contaminants in the surface soil, stockpiled soil, subsurface soil, and groundwater on the site as well as the surface water and sediment in the adjacent Kisco River. This investigation was performed in accordance with NYSDEC *Technical Guidance for Site Investigation and Remediation* (DER-10), dated May 2010 and the NYSDEC approved Remedial Investigation Work Plan (RIWP), dated February 2012. The resulting data was used to qualitatively evaluate potential risks to human health and the environment associated with current site conditions and potential future use scenarios. A summary of the results of the Remedial Investigation is discussed below.

- The Remedial Investigation at the site included a site survey, surface soil sampling, test pit excavations, soil borings, subsurface soil sampling, monitoring well installation, groundwater sampling, surface water sampling, sediment sampling, data validation, and data evaluation.

- The investigation identified four (4) subsurface soil samples (SF-31, SL-3, F-23, and PH-16) that contain at least one (1) metal and/or one (1) SVOC at concentrations exceeding the NYSDEC Commercial Use Soil Cleanup Objectives

(SCOs). The metals included barium, cadmium, copper, and mercury. The SVOCs included benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and dibenz(a,h)anthracene.

- The investigation also identified 55 surface or subsurface soil samples that contain at least one (1) constituent at a concentration exceeding the NYSDEC Unrestricted Use SCOs. These compounds included metals (arsenic, chromium, copper, lead, silver, zinc, and mercury), SVOCs (benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene), VOCs (2-butanone, acetone, toluene, and xylenes), pesticides (4,4'-DDD, 4,4'-DDE, 4,4'-DDT, and dieldrin), and PCBs. The laboratory analytical results are summarized on Tables 1 through 11 in the appendix of this report.

- The investigation identified metals in each of the four (4) groundwater monitoring wells at concentrations exceeding the NYSDEC Water Quality Standards. The metals included iron, magnesium, manganese, and/or sodium.

- The analytical results indicate that surface water of the Kisco River contains tetrachloroethene (PCE), aluminum, and iron at concentrations exceeding the Ambient Water Quality Standards. Since PCE was detected at levels exceeding the Ambient Water Quality Standards at upstream and downstream sampling locations and since PCE was not detected at concentrations exceeding the Unrestricted Use SCOs or the Ambient Water Quality Standards on the site, it seems likely that an upstream source is affecting the PCE levels in the Kisco River.

- The remedial investigation also identified chlordane and PCBs in the sediment samples from the Kisco River at concentrations that exceed the strictest NYSDEC sediment criteria.

- The analytical results indicate that constituents detected in the surface soil and in the shallow fill material (0 to 1 foot depth) are present at concentrations that are below the NYSDEC Commercial Use SCOs.

- The sample locations where constituents exceed the NYSDEC Commercial Use SCOs are isolated subsurface areas. There does not appear to be widespread contamination present on the property. In addition, the contaminants detected in the groundwater are likely related to water hardness and do not appear to be related to the contaminants detected in the site soils.

- The results also indicate that the river sediment contains chlordane and PCBs that exceed the strictest NYSDEC sediment criteria. Chlordane was detected in two (2) samples; one upstream and one downstream of the site. In three (3) of the sediment samples, the PCB concentrations were relatively consistent, ranging from 2.3 ppb to 3.1 ppb but in sample SED-2, the PCB concentration was reported as 275 ppb. This sample was collected from an area where the river turns to the north. We expect that water moves more slowly through this area and that sediment is easily deposited in this area of the river, resulting in a higher accumulation of PCBs. Since PCB and chlordane detections in the site soils were isolated and at

concentrations below the Commercial Use SCOs, it seems likely that an upstream source is affecting the PCB and chlordane levels in the sediment of the Kisco River.

- Based on the analytical results, the contaminants in the site soils do not appear to be migrating into the groundwater below the site or into the adjacent Kisco River. Given the isolated nature of the contaminants in the site soils, they are not expected to migrate off-site in the future.

- The Qualitative Human Health Exposure Assessment indicates that there are potential on-site exposure pathways present on the site. Under current conditions, the only potential on-site exposure pathway is for trespassers to be exposed to surface soil or stockpiled soil. This soil meets the Commercial Use SCOs but contains metals or pesticides at concentrations exceeding the Unrestricted Use SCOs. During construction, on-site exposures to contaminated soil and groundwater, as well as potential on-site and off-site exposure to dust, will be addressed through the implementation of a Soil Management Plan (SMP), a Community Air Monitoring Program (CAMP), and a Construction Health and Safety Plan (CHASP). After the site redevelopment is complete, the only potential on-site exposure pathway will be to future construction workers or utility workers performing subsurface work on the property. This potential exposure will be addressed through the implementation of a Soil Management Plan (SMP) and a Health and Safety Plan (HASP).

- Based on the results of this Remedial Investigation, no additional soil, groundwater, surface water, or sediment sampling tasks are recommended at this time. In addition, no remedial measures are recommended at this time.

- The planned future use of the project site is for commercial purposes. We expect that the redevelopment of the site will be controlled through the implementation of institutional controls. These controls may include the following: 1) a Soil Management Plan (SMP); 2) a Community Air Monitoring Plan (CAMP) during construction; 3) a Health and Safety Plan (HASP) during construction and during subsurface work on the property after redevelopment; and 4) limiting property use to commercial use through an environmental easement.

8.0 REFERENCES

New York State Department of Environmental Conservation (NYSDEC), May 2010, DER-10 Technical Guidance for Site Investigation and Remediation**.**

Carlin-Simpson & Associates (CSA), 9 January 2008, Modified Phase I Environmental Site Assessment and Phase II Environmental Site Investigation Report.

Carlin-Simpson & Associates (CSA), February 2012, Remedial Investigation Work Plan.

TABLES

Table 1 – Laboratory Results Detected for Former Sand Filter Beds

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			SF-1	SF-2	SF-3	SF-4	SF-5	SF-6	SF-7	SF-8
Sample Date			6/18/12	6/18/12	6/18/12	6/18/12	6/18/12	6/18/12	6/19/12	6/19/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			4'-6'	6'-7'	6.5'-7.5'	6.5'-7'	3'-4'	6'-6.5'	6.5'-7.5'	7'-8'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)										
2-Butanone	0.12	500	0.0015 (J)	0.0055 (J)	0.0077 (J)	0.0048 (J)	ND	0.0015 (J)	ND	0.0024 (J)
4-Methyl-2-pentanone	-	-	0.00078 (J)	ND	0.00066 (J)	ND	0.00053 (J)	0.00046 (J)	ND	ND
Acetone	0.05	500	0.0085 (J,B)	0.040 (B)	0.048 (B)	0.018 (B)	0.0038 (J,B)	0.012 (J,B)	0.0046 (J,B)	0.018 (B)
Carbon disulfide	-	-	ND	0.00027 (J)	0.00057 (J)	ND	ND	ND	ND	ND
Methylene Chloride	0.05	500	0.00091 (J,B)	0.00078 (J,B)	0.00082 (J,B)	0.00075 (J,B)	0.00070 (J,B)	0.00080 (J,B)	0.00091 (J,B)	0.00064 (J,B)
Tetrachloroethene	1.3	150	ND	ND	ND	ND	0.00016 (J)	ND	ND	ND
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)										
Total VOC TICs	-	-	ND	ND	ND	ND	ND	ND	ND	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, mg/kg)										
Total SVOCs	-	-	ND	ND	ND	ND	ND	ND	ND	ND
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, mg/kg)										
Total SVOC TICs	-	-	ND	ND	ND	ND	ND	ND	ND	ND
TCL Pesticides (EPA Method 8081A, mg/kg)										
Total Pesticides	-	-	ND	ND	ND	ND	ND	ND	ND	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, mg/kg)										
Total PCBs	0.1	1.0	ND	ND	ND	ND	ND	ND	ND	ND
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)										
Aluminum	-	-	1,060	11,500	8,420	9,960	17,600	15,800	15,100	8,690
Arsenic	13	16	ND	ND	1.9	2.3	3.5	2.9	2.1	1.6
Barium	350	400	24.3 (J)	86.5	71.9	85.3	132	106	78.9	87.1
Beryllium	7.2	590	ND	ND	ND	0.24 (J)	0.23 (J)	0.24 (J)	0.26 (J)	ND
Cadmium	2.5	9.3	0.25 (J)	ND	ND	ND	ND	ND	ND	ND
Calcium	-	-	204 (J)	1,330	1,540	1,710	1,400	1,910	1,260	1,930
Chromium	30	1,500	5.9	28.4	22.3	22.9	33.0	**42.8**	28.6	24.1
Cobalt	-	-	ND	7.4 (J)	6.3 (J)	8.4 (J)	13.1	11.4	8.0 (J)	6.5 (J)
Copper	50	270	8.9	13.1	25.3	18.3	36.9	29.9	17.4	20.6
Iron	-	-	2,520	21,100	15,900	16,400	30,400	30,200	22,700	13,600
Lead	63	1,000	6.1	5.0	10.8	10.2	12.2	7.7	7.2	5.4
Magnesium	-	-	470 (J)	4,220	3,800	3,320	6,670	6,010	4,810	3,780
Manganese	1,600	10,000	32.3	210	182	452	532	317	266	172
Nickel	30	310	2.9 (J)	18.3	13.5	13.4	27.2	23.4	18.9	18.0
Potassium	-	-	146 (J)	3,350	1,830	1,490	3,870	1,180	1,660	1,820
Silver	2	1,500	0.80 (J)	ND	ND	ND	0.41 (J)	ND	ND	ND
Vanadium	-	-	2.6 (J)	37.9	26.3	27.9	41.6	50.2	36.6	24.9
Zinc	109	10,000	18.1	46.8	63.5	48.5	98.7	66.7	46.9	35.6
Mercury	0.18	2.8	0.084	ND	0.03 (J)	ND	0.17	ND	ND	ND
Cyanide	27	27	ND	ND	ND	ND	ND	ND	ND	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit
B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Commercial Use SCO

Table 1 – Laboratory Results Detected for Former Sand Filter Beds

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			SF-9	SF-10	SF-11	SF-12	SF-13	SF-14	SF-15	SF-16
Sample Date			6/19/12	6/19/12	6/19/12	6/19/12	6/19/12	6/19/12	6/21/12	6/21/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			7'-7.5'	7.5'-8.2'	7'-7.5'	6.5'-7'	6'-7'	9'-9.5'	6'-6.5'	20'-21'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)										
2-Butanone	0.12	500	ND	0.0031 (J)	0.0027 (J)	0.0016 (J)	0.0037 (J)	0.0027 (J)	ND	0.012
4-Methyl-2-pentanone	-	-	0.00041 (J)	ND	ND	ND	ND	ND	ND	ND
Acetone	0.05	500	0.0039 (J,B)	**0.051 (B)**	0.037 (B)	0.0081 (J,B)	0.030 (B)	0.019 (B)	0.027 (B)	**0.085 (B)**
Carbon disulfide	-	-	ND	ND	ND	ND	0.00029 (J)	ND	ND	ND
Methylene Chloride	0.05	500	0.00061 (J,B)	0.00065 (J,B)	0.00044 (J,B)	0.00064 (J,B)	0.00058 (J,B)	0.00058 (J,B)	0.0011 (B)	0.0026 (B)
Tetrachloroethene	1.3	150	ND	ND	ND	ND	ND	ND	ND	ND
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)										
Total VOC TICs	-	-	ND	ND	ND	ND	ND	ND	ND	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, mg/kg)										
Benzo[a]anthracene	1	5.6	ND	ND	ND	ND	ND	ND	0.019 (J)	ND
Benzo[a]pyrene	1	1	ND	ND	ND	ND	ND	ND	0.012 (J)	ND
Benzo[b]fluoranthene	1	5.6	ND	ND	ND	ND	ND	ND	0.014 (J)	ND
Benzo[k]fluoranthene	0.8	56	ND	ND	ND	ND	ND	ND	0.010 (J)	ND
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, mg/kg)										
Total SVOC TICs	-	-	ND	ND	ND	ND	ND	ND	ND	ND
TCL Pesticides (EPA Method 8081A, mg/kg)										
Total Pesticides	-	-	ND	ND	ND	ND	ND	ND	ND	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, mg/kg)										
Total PCBs	0.1	1.0	ND	ND	ND	ND	ND	ND	ND	ND
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)										
Aluminum	-	-	17,500	14,600	12,600	944	7,850	11,100	12,800	8,650
Arsenic	13	16	3.0	3.1	2.0	ND	1.3	1.8	1.0	1.4
Barium	350	400	74.7	78.5	99.3	17.2 (J)	91.1	108	132	95.1
Beryllium	7.2	590	0.34 (J)	0.22 (J)	0.22 (J)	ND	0.14 (J)	ND	ND	ND
Cadmium	2.5	9.3	ND	ND	ND	0.69 (J)	ND	ND	0.35 (J)	ND
Calcium	-	-	1,590	1,290	1,320	253 (J)	2,240	2,040	1,720	2,960
Chromium	30	1,500	**42.1**	**34.5**	24.9	4.8	20.0	24.5	22.6	21.7
Cobalt	-	-	9.1 (J)	10 (J)	7.5 (J)	ND	5.9 (J)	8.3 (J)	8.6 (J)	6.4 (J)
Copper	50	270	34.9	36.0	18.6	5.2 (J)	16.7	30.9	50.0	17.8
Iron	-	-	23,800	28,800	19,400	2,790	13,600	19,300	19,300	16,100
Lead	63	1,000	10.4	10.1	6.4	4.1	4.4	6.4	22.1	10.3
Magnesium	-	-	4,740	5,270	3,960	399 (J)	3,160	4,530	4,500	4,080
Manganese	1,600	10,000	232	344	280	33.9	214	329	161	182
Nickel	30	310	20.6	20.1	16.4	2.0 (J)	12.6	18.2	18.9	14.4
Potassium	-	-	1,020 (J)	2,060	2,360	ND	2,130	3,170	3,100	2,620
Silver	2	1,500	ND	ND	ND	0.29 (J)	ND	ND	0.87 (J)	0.27 (J)
Vanadium	-	-	44.7	44.2	33.4	2.7 (J)	25.4	31.8	32.1	28.5
Zinc	109	10,000	67.2	56.6	44.9	21.2	31.7	53.3	**121**	48.0
Mercury	0.18	2.8	0.046	ND	ND	0.03 (J)	ND	0.043	**0.20**	0.13
Cyanide	27	27	ND	ND	ND	ND	ND	ND	ND	ND

Table 1 – Laboratory Results Detected for Former Sand Filter Beds

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			SF-17	SF-18	SF-19	SF-20	SF-21	SF-22	SF-23	SF-24
Sample Date			6/21/12	6/21/12	6/21/12	6/21/12	6/21/12	6/22/12	6/22/12	6/22/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			23'-24'	11.5'-12'	15'-16'	10.5'-11'	9'-9.5'	25'-25.5'	10'-10.5'	8.5'-9'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)										
2-Butanone	0.12	500	0.004 (J)	0.032	ND	0.0087 (J)	0.0044 (J)	ND	0.033	0.011
4-Methyl-2-pentanone	-	-	ND	ND	ND	ND	ND	ND	0.0015 (J)	ND
Acetone	0.05	500	0.030 (B)	**0.11 (B)**	0.0055 (J,B)	0.036 (B)	0.031 (B)	0.013 (B)	**0.12 (B)**	**0.074 (B)**
Carbon disulfide	-	-	ND	0.0024	ND	ND	ND	ND	0.0019	ND
Methylene Chloride	0.05	500	0.0026 (B)	0.0023 (B)	0.0017 (B)	0.0017 (B)	0.0019 (B)	0.0011 (B)	0.0016 (B)	0.0016 (B)
Toluene	0.7	500	ND	0.00025 (J,B)	ND	ND	ND	0.00015 (J,B)	0.00030 (J,B)	0.00017 (J,B)
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)										
Total VOC TICs	-	-	ND	0.176	ND	ND	ND	0.012	ND	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, mg/kg)										
Benzo(a)anthracene	1.0	5.6	ND	0.029 (J)	ND	ND	0.012 (J)	ND	ND	ND
Benzo(a)pyrene	1.0	1.0	ND	0.015 (J)	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1.0	5.6	ND	0.019 (J)	ND	ND	ND	ND	0.017 (J)	ND
Benzo(k)fluoranthene	0.8	56	ND	0.0089 (J)	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	5.6	ND	0.014 (J)	ND	ND	ND	ND	ND	ND
Pyrene	100	500	ND	0.052 (J)	ND	ND	ND	ND	ND	ND
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, mg/kg)										
Total SVOC TICs	-	-	ND	9.42	0.31	0.37	1.3	0.36	0.34	0.51
TCL Pesticides (EPA Method 8081A, mg/kg)										
Total Pesticides	-	-	ND	ND	ND	ND	ND	ND	ND	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, mg/kg)										
Total PCBs	0.1	1.0	ND	ND	ND	ND	ND	ND	ND	ND
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)										
Aluminum	-	-	15,600	6,160	12,000	9,610	10,200	12,200	5,870	10,300
Arsenic	13	16	2.5	2.6	3.7	2.3	2.3	1.8	1.8	1.9
Barium	350	400	124	70.5	135	88.9	109	101	67.2	117
Beryllium	7.2	590	0.22 (J)	ND	ND	ND	ND	0.17 (J)	ND	ND
Cadmium	2.5	9.3	0.17 (J)	0.34 (J)	ND	0.43 (J)	0.18 (J)	0.21 (J)	0.20 (J)	0.19 (J)
Calcium	-	-	1,300	1,760	2,380	2,060	2,330	1,530	1,180	1,750
Chromium	30	1,500	**32.1**	15.1	29.8	20.4	25.7	27.4	15.0	28.4
Cobalt	-	-	10.9	5.1 (J)	11.0 (J)	7.2 (J)	8.9 (J)	8.3 (J)	4.6 (J)	8.3 (J)
Copper	50	270	23.0	38.4	22.7	24.7	21.5	23.1	**213**	18.9
Iron	-	-	27,200	12,700	26,200	16,600	20,700	21,300	11,800	20,300
Lead	63	1,000	9.1	**88.8**	7.7	32.6	14.3	12.4	**67.4**	12.0
Magnesium	-	-	5,600	3,370	5,840	3,900	4,970	4,380	3,310	4,540
Manganese	1,600	10,000	522	155	276	143	271	275	111	249
Nickel	30	310	22.6	12.7	24.7	17.1	19.0	17.0	12.1	20.1
Potassium	-	-	3,480	1,430	4,880	2,100	2,840	2,370	1,800	2,790
Silver	2	1,500	ND	1.2 (J)	ND	0.75 (J)	ND	0.39 (J)	0.76 (J)	0.22 (J)
Vanadium	-	-	41.4	15.3	**39.7**	25.6	30.1	35.8	16.5	34.2
Zinc	109	10,000	57.2	**217**	52.2	**238**	70.2	80.8	97.0	68.3
Mercury	0.18	2.8	ND	0.17	ND	**0.59**	**0.21**	**0.20**	**1.2**	0.16
Cyanide	27	27	ND	ND	2.7	0.41 (J)	0.18 (J)	ND	ND	ND

Table 1 – Laboratory Results Detected for Former Sand Filter Beds

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			SF-25	SF-26	SF-27	SF-28	SF-29	SF-30	SF-31	SF-32	SF-33
Sample Date			6/22/12	6/25/12	6/25/12	6/25/12	6/25/12	6/25/12	6/26/12	6/26/12	6/26/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			8'-9'	5.5'-6.5'	8'-9'	8'-8.5'	7'-8'	10'-10.5'	8.5'-9'	8'-9'	5.5'-6.5'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)											
2-Butanone	0.12	500	0.0084 (J)	0.0093 (J)	0.0039 (J)	0.0036 (J)	0.0034 (J)	0.0042 (J)	0.0066 (J)	0.019	0.0044 (J)
4-Methyl-2-pentanone	-	-	ND	0.0012 (J)	ND	ND	ND	0.001 (J)	ND	ND	ND
Acetone	0.05	500	0.048 (B)	0.043 (B)	0.029 (B)	0.041 (B)	0.016 (B)	0.037 (B)	0.037 (B)	**0.083 (B)**	0.029 (B)
Carbon disulfide	-	-	0.0015	0.00057 (J)	0.00020 (J)	0.00020 (J)	0.00019 (J)	0.00022 (J)	0.00034 (J)	0.0014 (J)	0.00016 (J)
cis-1,2-Dichloroethene	0.25	500	ND	ND	0.00025 (J)	ND	ND	ND	ND	ND	ND
Methylene Chloride	0.05	500	0.0019 (B)	0.0014 (B)	0.0012 (B)	0.0011 (B)	0.0012 (B)	0.0014 (B)	0.0016 (B)	0.0022 (B)	0.0011 (B)
Toluene	0.7	500	0.00021(J,B)	0.00030 (J)	ND	ND	0.00028 (J)	ND	ND	0.0062	ND
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)											
Total VOC TICs	-	-	ND	ND	ND	ND	ND	ND	ND	1.836	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, mg/kg)											
Acenaphthene	20	500	ND	ND	ND	ND	ND	ND	0.66 (J)	ND	ND
Anthracene	100	500	ND	ND	ND	ND	ND	ND	2.1	ND	ND
Benzo(a)anthracene	1.0	5.6	ND	ND	ND	ND	ND	ND	**6.3**	ND	ND
Benzo(a)pyrene	1.0	1.0	ND	ND	ND	ND	ND	ND	**4.7**	ND	ND
Benzo(b)fluoranthene	1.0	5.6	ND	ND	ND	ND	ND	ND	**5.8**	ND	ND
Benzo[g,h,i]perylene	100	500	ND	ND	ND	ND	ND	ND	2.7	ND	ND
Benzo(k)fluoranthene	0.8	56	ND	ND	ND	ND	ND	ND	**2.0**	ND	ND
Carbazole	NA	NA	ND	ND	ND	ND	ND	ND	0.87	ND	ND
Chrysene	1	56	ND	ND	ND	ND	ND	ND	**6.0**	ND	ND
Dibenz(a,h)anthracene	0.33	0.56	ND	ND	ND	ND	ND	ND	**0.75**	ND	ND
Dibenzofuran	7	350	ND	ND	ND	ND	ND	ND	0.42 (J)	ND	ND
Fluoranthene	100	500	ND	ND	ND	ND	ND	ND	15	ND	ND
Fluorene	30	500	ND	ND	ND	ND	ND	ND	0.95	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	5.6	ND	ND	ND	ND	ND	ND	**3.1**	ND	ND
Phenanthrene	100	500	ND	ND	ND	ND	ND	ND	11	ND	ND
Pyrene	100	500	ND	ND	ND	ND	0.052 (J)	ND	15	ND	ND
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, mg/kg)											
Total SVOC TICs	-	-	0.43	6.89	ND	ND	1.79	0.32	14.08	17.26	ND
TCL Pesticides (EPA Method 8081A, mg/kg)											
Total Pesticides	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, mg/kg)											
Total PCBs	0.1	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 1 – Laboratory Results Detected for Former Sand Filter Beds

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			SF-25	SF-26	SF-27	SF-28	SF-29	SF-30	SF-31	SF-32	SF-33
Sample Date			6/22/12	6/25/12	6/25/12	6/25/12	6/25/12	6/25/12	6/26/12	6/26/12	6/26/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			8'-9'	5.5'-6.5'	8'-9'	8'-8.5'	7'-8'	10'-10.5'	8.5'-9'	8'-9'	5.5'-6.5'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)											
Aluminum	-	-	6,210	12,500	13,000	12,100	10,800	9,810	9,540	9,720	10,600
Arsenic	13	16	ND	2.6	4.3	3.1	2.4	2.1	1.8	3.6	1.6
Barium	350	400	63.1	109	93.3	130	103	102	89.4	91.4	106
Beryllium	7.2	590	ND	0.21 (J)	0.29 (J)	ND	ND	ND	ND	ND	ND
Cadmium	2.5	9.3	0.34 (J)	0.29 (J)	ND	0.18 (J)	0.24 (J)	0.43 (J)	0.31 (J)	0.37 (J)	0.20 (J)
Calcium	-	-	3,620	2,010	1,490	2,360	2,020	3,340	1,510	3,050	1,970
Chromium	30	1,500	17.5	26.9	30.0	**30.4**	25.8	26.0	25.5	24.3	23.8
Cobalt	-	-	5.3 (J)	8.8 (J)	7.6 (J)	10.4 (J)	8.0 (J)	8.6 (J)	6.3 (J)	5.1 (J)	7.7 (J)
Copper	50	270	20.0	31.8	17.7	27.5	30.4	23.9	45.6	17.1	17.0
Iron	-	-	14,700	21,400	24,700	24,700	19,000	17,800	16,500	13,200	17,800
Lead	63	1,000	9.5	35.2	8.6	7.9	20.7	12.1	30.4	14.9	4.7
Magnesium	-	-	3,800	4,890	4,830	6,200	4,670	5,480	4,190	3,050	4,200
Manganese	1,600	10,000	221	252	292	368	353	234	158	151	226
Nickel	30	310	13.0	19.7	18.3	22.8	18.2	19.1	16.2	13.0	16.5
Potassium	-	-	1,650	2,230	1,610	3,470	2,370	2,460	1,530	1,410	2,930
Silver	2	1,500	0.90	1.2 (J)	ND	ND	0.71 (J)	0.22 (J)	1.4 (J)	ND	ND
Vanadium	-	-	18.8	34.2	35.5	36.8	30.5	30.3	25.9	26.4	30.2
Zinc	109	10,000	66.9	90.5	48.7	58.7	71.6	**137**	102	46.7	41.7
Mercury	0.18	2.8	0.099	**0.22**	ND	ND	**0.21**	0.15	0.17	0.089	ND
Cyanide	27	27	ND	ND	ND	ND	ND	ND	0.16 (J)	ND	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit
B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Commercial Use SCO

Table 2 – Laboratory Results Detected for Former Sludge Beds

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			SL-1	SL-2	SL-3	SL-4	SL-5
Sample Date			6/21/12	6/21/12	6/21/12	6/21/12	6/22/12
Sample Type			Soil	Soil	Soil	Soil	Soil
Sample Depth			12'-12.5'	13.5'-14'	8.5'-9'	5.5'-6.5'	20'-21'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)							
2-Butanone	0.12	500	0.014 (J)	0.078	0.048	0.0038 (J)	0.0085 (J)
4-Methyl-2-pentanone	-	-	ND	0.035	ND	ND	ND
Acetone	0.05	500	**0.063 (B)**	**0.29 (B)**	**0.18 (B)**	0.025 (B)	0.039 (B)
Carbon disulfide	-	-	ND	0.0039	0.0025	ND	0.00028 (J)
Chloroform	0.37	350	ND	ND	0.00066 (J)	ND	ND
Isopropylbenzene	-	-	ND	ND	0.00022 (J)	ND	ND
Methylcyclohexane	-	-	ND	0.0015 (J)	0.0012 (J)	ND	ND
Methylene Chloride	0.05	500	0.002 (B)	0.0023 (B)	0.0028 (B)	0.0019 (B)	0.0014 (B)
Toluene	0.7	500	ND	0.00046 (J,B)	0.00037 (J,B)	ND	0.00032 (J,B)
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)							
Total VOC TICs	-	-	ND	0.962	1.648	ND	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, mg/kg)							
Benzo(a)anthracene	1.0	5.6	0.031 (J)	0.056	0.12	ND	ND
Benzo(a)pyrene	1.0	1.0	0.019 (J)	0.023 (J)	ND	ND	ND
Benzo(b)fluoranthene	1.0	5.6	0.030 (J)	0.048	ND	ND	ND
Benzo[g,h,i]perylene	100	500	ND	0.033 (J)	0.080 (J)	ND	ND
Chrysene	1	56	ND	0.076 (J)	0.16 (J)	ND	ND
Dibenz(a,h)anthracene	0.33	0.56	ND	ND	0.016 (J)	ND	ND
Fluoranthene	100	500	ND	0.076 (J)	0.14 (J)	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.025 (J)	0.026 (J)	0.053	ND	ND
Phenanthrene	100	500	ND	0.067 (J)	0.11 (J)	ND	ND
Pyrene	100	500	0.037 (J)	0.091 (J)	0.19 (J)	ND	ND
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, mg/kg)							
Total SVOC TICs	-	-	11.07	28.01	81.44	ND	4.97
TCL Pesticides (EPA Method 8081A, mg/kg)							
Total Pesticides	-	-	ND	ND	ND	ND	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, mg/kg)							
Total PCBs	0.1	1.0	ND	ND	ND	ND	ND

Table 2 – Laboratory Results Detected for Former Sludge Beds

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			SL-1	SL-2	SL-3	SL-4	SL-5
Sample Date			6/21/12	6/21/12	6/21/12	6/21/12	6/22/12
Sample Type			Soil	Soil	Soil	Soil	Soil
Sample Depth			12'-12.5'	13.5'-14'	8.5'-9'	5.5'-6.5'	20'-21'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)							
Aluminum	-	-	11,400	8,200	9,880	5,950	9,320
Arsenic	13	16	3.7	1.6	4.8	1.2	1.7
Barium	350	400	111	90.3	177	67.7	86.0
Beryllium	7.2	590	0.19 (J)	ND	ND	ND	ND
Cadmium	2.5	9.3	0.60 (J)	0.26 (J)	1.7	0.16 (J)	0.19 (J)
Calcium	-	-	3,050	2,030	5,750	2,070	2,200
Chromium	30	1,500	28.8	22.1	28.0	20.6	22.4
Cobalt	-	-	8.1 (J)	5.7 (J)	7.0 (J)	4.6 (J)	6.8 (J)
Copper	50	270	40.5	25.1	**91.4**	20.8	21.9
Iron	-	-	19,300	14,900	18,100	13,000	17,200
Lead	63	1,000	**75.1**	50.3	**345**	10.6	25.1
Magnesium	-	-	4,780	4,190	4,260	2,940	3,780
Manganese	1,600	10,000	219	158	206	169	255
Nickel	30	310	18.3	16.0	18.7	11.0	15.7
Potassium	-	-	1,940	2,390	2,140	1,560	1,880
Silver	2	1,500	1.4 (J)	0.63 (J)	**6.3**	1.2 (J)	0.76 (J)
Vanadium	-	-	34.4	24.2	27.0	17.4	25.9
Zinc	109	10,000	**234**	107	**740**	47.9	67.6
Mercury	0.18	2.8	**0.5**	**1.2**	**8.4**	0.18	**0.38**
Cyanide	27	27	ND	ND	0.27 (J)	ND	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit

B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Commercial Use SCO

Table 2 – Laboratory Results Detected for Former Sludge Beds

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			SL-6	SL-7	SL-8	SL-9	SL-10
Sample Date			6/22/12	6/22/12	6/22/12	6/22/12	6/25/12
Sample Type			Soil	Soil	Soil	Soil	Soil
Sample Depth			11'-11.5'	6.5'-7'	9'-10'	10'-10.8'	9'-9.5'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)							
2-Butanone	0.12	500	0.021	ND	0.007 (J)	0.015	0.0059 (J)
4-Methyl-2-pentanone	-	-	0.0068 (J)	ND	0.0028 (J)	ND	ND
Acetone	0.05	500	**0.094 (B)**	0.041 (B)	0.036 (B)	**0.071 (B)**	0.035 (B)
Carbon disulfide	-	-	0.00088 (J)	0.00021 (J)	0.00041 (J)	0.00074 (J)	0.00023 (J)
Chloroform	0.37	350	ND	ND	ND	ND	ND
Isopropylbenzene	-	-	ND	ND	ND	0.00016 (J)	ND
Methylcyclohexane	-	-	ND	ND	ND	0.00042 (J)	ND
cis-1,2-Dichloroethene	0.25	500	ND	ND	ND	ND	0.00017 (J)
Methylene Chloride	0.05	500	0.0021 (B)	0.0014 (B)	0.0015 (B)	0.0015 (B)	0.0012 (B)
Toluene	0.7	500	0.00039 (J,B)	0.00027 (J,B)	0.00018 (J,B)	ND	ND
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)							
Total VOC TICs	-	-	0.136	ND	0.0177	0.1343	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, mg/kg)							
Benzo(a)anthracene	1.0	5.6	0.099	0.018 (J)	ND	ND	ND
Benzo(a)pyrene	1.0	1.0	0.068	0.011 (J)	ND	ND	ND
Benzo(b)fluoranthene	1.0	5.6	0.084	0.012 (J)	ND	0.041 (J)	ND
Benzo[g,h,i]perylene	100	500	0.077 (J)	ND	ND	ND	ND
Benzo(k)fluoranthene	0.8	56	0.043 (J)	ND	ND	ND	ND
Chrysene	1	56	0.11 (J)	ND	ND	ND	ND
Dibenz(a,h)anthracene	0.33	0.56	0.031 (J)	ND	ND	ND	ND
Fluoranthene	100	500	0.12 (J)	ND	ND	0.061 (J)	ND
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.088	ND	ND	ND	ND
Phenanthrene	100	500	0.083 (J)	ND	ND	0.059 (J)	ND
Pyrene	100	500	0.13 (J)	ND	ND	0.066 (J)	ND
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, mg/kg)							
Total SVOC TICs	-	-	33.13	0.4	2.0	26.21	0.92
TCL Pesticides (EPA Method 8081A, mg/kg)							
Total Pesticides	-	-	ND	ND	ND	ND	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, mg/kg)							
Total PCBs	0.1	1.0	ND	ND	ND	ND	ND

Table 2 – Laboratory Results Detected for Former Sludge Beds

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			SL-6	SL-7	SL-8	SL-9	SL-10
Sample Date			6/22/12	6/22/12	6/22/12	6/22/12	6/25/12
Sample Type			Soil	Soil	Soil	Soil	Soil
Sample Depth			11'-11.5'	6.5'-7'	9'-10'	10'-10.8'	9'-9.5'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)							
Aluminum	-	-	11,500	8,270	10,900	10,700	10,700
Arsenic	13	16	2.7	1.4	2.6	4.1	2.5
Barium	350	400	139	84.1	127	123	160
Beryllium	7.2	590	ND	ND	ND	ND	ND
Cadmium	2.5	9.3	0.64 (J)	0.26 (J)	0.21 (J)	0.50 (J)	ND
Calcium	-	-	3,690	1,930	2,570	2,490	2,100
Chromium	30	1,500	**30.2**	22.5	**30.2**	28.1	**30.3**
Cobalt	-	-	8.6 (J)	6.3 (J)	8.6 (J)	7.7 (J)	8.5
Copper	50	270	43.4	27.7	23.4	37.8	16.5
Iron	-	-	20,300	14,200	20,300	18,600	20,600
Lead	63	1,000	**108**	22.2	43.6	**143**	13.6
Magnesium	-	-	5,990	3,420	4,930	4,270	5,050
Manganese	1,600	10,000	220	178	360	280	323
Nickel	30	310	21.0	16.3	19.4	17.2	18.8
Potassium	-	-	3,020	1,850	2,800	2,080	2,240
Silver	2	1,500	**2.2 (J)**	1.2 (J)	0.36 (J)	1.6 (J)	ND
Vanadium	-	-	33.8	23.7	36.0	34.6	33.5
Zinc	109	10,000	**255**	58.8	83.2	**224**	57.9
Mercury	0.18	2.8	**1.2**	**0.36**	**0.35**	**0.73**	0.18
Cyanide	27	27	ND	0.15 (J)	1.0	ND	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit

B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Commercial Use SCO

Table 3 – Laboratory Results Detected for Shallow Fill Material

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			F-1	F-4	F-5	F-6	F-7	F-8	F-10	F-12
Sample Date			6/18/12	6/18/12	6/19/12	6/19/12	6/19/12	6/20/12	6/20/12	6/20/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			0-1'	0-1'	0-1'	0-1'	0-1'	0-1'	0-1'	0-1.5'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)										
Acetone	0.05	500	0.0035 (J,B)	0.0049 (J,B)	0.0058 (J,B)	ND	0.0043 (J,B)	0.035 (B)	0.0043 (J,B)	0.0053 (J,B)
Methylene Chloride	0.05	500	0.00053 (J,B)	0.00072 (J,B)	0.00054 (J,B)	0.00092 (J,B)	0.00074 (J,B)	0.0082 (B)	0.0068 (B)	0.008 (B)
Styrene	-	-	ND	ND	ND	ND	ND	0.0082 (B)	0.0068 (B)	0.008 (B)
Tetrachloroethene	1.3	150	ND	0.00028 (J)	ND	ND	ND	0.022	ND	ND
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)										
Total VOC TICs	-	-	ND	ND	ND	ND	ND	ND	ND	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, mg/kg)										
Benzo(a)anthracene	1.0	5.6	ND	ND	ND	ND	ND	0.030 (J)	ND	ND
Benzo(a)pyrene	1.0	1.0	ND	ND	ND	ND	ND	0.0091 (J)	ND	ND
Benzo(b)fluoranthene	1.0	5.6	ND	ND	ND	ND	ND	0.043	ND	ND
Benzo(k)fluoranthene	0.8	56	ND	ND	ND	ND	ND	0.019 (J)	ND	ND
Bis(2-ethylhexyl) phthalate	-	-	ND	ND	ND	ND	ND	0.35 (J)	ND	ND
Chrysene	1	56	ND	ND	ND	ND	ND	0.061 (J)	ND	ND
Fluoranthene	100	500	ND	ND	ND	ND	ND	0.11 (J)	ND	ND
Indeno[1,2,3-cd]pyrene	0.5	5.6	ND	ND	ND	ND	ND	0.021 (J)	ND	ND
Phenanthrene	100	500	0.056 (J)	0.058 (J)	0.049 (J)	0.058 (J)	ND	0.049 (J)	ND	ND
Pyrene	100	500	ND	ND	ND	ND	ND	0.13 (J)	ND	ND
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, mg/kg)										
Total SVOC TICs	-	-	ND	ND	2.24	ND	ND	4.78	ND	ND
TCL Pesticides (EPA Method 8081A, mg/kg)										
4,4'-DDT	0.0033	47	ND	ND	ND	ND	ND	**0.0078**	ND	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, mg/kg)										
Total PCBs	0.1	1.0	ND	ND	ND	ND	ND	0.086	ND	ND

Table 3 – Laboratory Results Detected for Shallow Fill Material

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			F-1	F-4	F-5	F-6	F-7	F-8	F-10	F-12
Sample Date			6/18/12	6/18/12	6/19/12	6/19/12	6/19/12	6/20/12	6/20/12	6/20/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			0-1'	0-1'	0-1'	0-1'	0-1'	0-1'	0-1'	0-1.5'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)										
Aluminum	-	-	7800	16,200	10,800	7,610	7,940	8,070	6,940	5,910
Arsenic	13	16	1.3	3.4	1.9	1.4	1.7	2.2	1.9	1.6
Barium	350	400	74.0	129	89.4	54.2	61.5	121	44.6	43.8
Beryllium	7.2	590	ND	0.26 (J)	0.16 (J)	ND	ND	ND	ND	ND
Cadmium	2.5	9.3	ND	ND	ND	ND	ND	0.24 (J)	ND	ND
Calcium	-	-	1610	1,730	1,540	1,510	2,100	1,690	1,540	1,520
Chromium	30	1,500	17.5	**32.5**	22.3	15.4	16.2	24.4	13.2	12.2
Cobalt	-	-	6.2 (J)	11.3 (J)	8.4 (J)	5.5 (J)	5.7 (J)	6.4 (J)	4.9 (J)	4.9 (J)
Copper	50	270	16.0	39.0	18.1	13.4	17.4	33.8	12.6	12.2
Iron	-	-	13800	26,100	18,000	12,300	13,400	14,700	11,500	11,700
Lead	63	1,000	6.6	33.1	6.7	4.5	6.6	24.5	4.3	4.2
Magnesium	-	-	3570	5,430	4,360	3,030	3,300	3,660	2,760	2,560
Manganese	1,600	10,000	246	532	327	222	262	214	155	187
Nickel	30	310	14.2	23.9	18.7	12.5	12.6	14.5	11.4	11.1
Potassium	-	-	2050	2,740	2,360	1,390	1,540	1,930	1,200	1,230
Silver	2	1,500	ND	0.82 (J)	ND	ND	ND	**2.7**	ND	ND
Vanadium	-	-	20.9	41.1	27.0	18.0	20.0	22.0	16.8	15.0
Zinc	109	10,000	34.9	**155**	42.0	27.3	32.4	42.4	24.2	22.9
Mercury	0.18	2.8	0.040	**0.71**	ND	ND	0.022 (J)	**0.45**	ND	ND
Cyanide	27	27	ND	ND	ND	0.19 (J)	ND	0.17 (J)	0.16 (J)	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit
B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Commercial Use SCO

Table 3 – Laboratory Results Detected for Shallow Fill Material

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			F-14	F-15	F-16	F-17	F-18	F-21	F-22	F-24	F-27
Sample Date			6/21/12	6/22/12	6/22/12	6/25/12	6/25/12	6/26/12	6/26/12	6/26/12	6/26/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			0-1'	0-1'	0-1'	0-1'	0-1'	0-1'	0-1'	0-1'	0-1'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)											
2-Butanone	0.12	500	ND	ND	ND	ND	ND	ND	0.0022 (J)	ND	ND
Acetone	0.05	500	0.0045 (J,B)	0.005 (J,B)	0.005 (J,B)	ND	ND	ND	0.027 (B)	ND	ND
Methylene Chloride	0.05	500	0.0017 (B)	0.0018 (B)	0.0015 (B)	0.0013 (B)	0.0013 (B)	0.00098 (J,B)	0.0016 (B)	0.001 (J,B)	0.0015 (B)
Toluene	0.7	500	ND	ND	ND	ND	ND	ND	0.00023 (J)	ND	ND
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)											
Total VOC TICs	-	-	ND	ND	ND	ND	ND	ND	0.404	ND	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, mg/kg)											
Total SVOCs	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, mg/kg)											
Total SVOC TICs	-	-	ND	ND	ND	ND	ND	ND	5.03	7.35	ND
TCL Pesticides (EPA Method 8081A, mg/kg)											
Total Pesticides	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, mg/kg)											
Total PCBs	0.1	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)											
Aluminum	-	-	6,820	5,540	11,400	7,540	6,340	6,010	7,540	7,000	4,970
Arsenic	13	16	1.6	ND	2.4	1.4	1.8	1.7	2.1	1.6	1.2
Barium	350	400	57.5	60.8	102	65.9	62.8	53.1	157	73.2	37.1 (J)
Cadmium	2.5	9.3	ND	ND	ND	0.17 (J)	ND	ND	0.61 (J)	0.16 (J)	ND
Calcium	-	-	2,000	4,280	2,370	2,510	2,880	2,860	1,660	1,780	1,220
Chromium	30	1,500	16.5	15.1	24.6	17.0	15.9	14.3	19.7	16.7	11.4
Cobalt	-	-	6.2 (J)	5.6 (J)	8.2 (J)	6.5 (J)	6.4 (J)	5.3 (J)	5.8 (J)	6.6 (J)	4.2 (J)
Copper	50	270	14.4	15.0	19.8	15.5	14.5	13.1	46.7	14.4	9.1
Iron	-	-	13,300	12,800	20,800	15,200	12,400	11,600	14,500	13,400	8,830
Lead	63	1,000	4.6	4.6	9.9	7.9	4.5	4.0	**108**	6.3	3.5
Magnesium	-	-	3,390	4,470	5,170	4,060	3,840	3,810	3,660	3,980	2,250
Manganese	1,600	10,000	213	163	354	274	187	191	222	273	208
Nickel	30	310	13.0	13.0	18.6	15.1	13.1	12.1	13.1	13.9	9.8
Potassium	-	-	1,780	2,180	2,700	1,840	1,840	1,590	2,160	2,000	951 (J)
Silver	2	1,500	ND	ND	ND	ND	ND	ND	**5.0**	ND	ND
Vanadium	-	-	20.2	19.4	31.1	20.8	18.4	17.0	21.5	20.3	12.9
Zinc	109	10,000	27.9	29.3	48.2	38.5	29.0	25.8	**136**	31.8	18.8
Mercury	0.18	2.8	ND	0.028 (J)	0.030 (J)	0.025 (J)	ND	ND	**1.2**	ND	ND
Cyanide	27	27	0.14 (J)	ND	ND	ND	ND	ND	ND	ND	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit
B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Commercial Use SCO

Table 4 – Laboratory Results Detected for Subsurface Fill Material

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			F-2	F-3	F-9	F-11	F-13	F-19
Sample Date			6/18/12	6/18/12	6/20/12	6/20/12	6/20/12	6/25/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			5'-6'	3'-4'	6'-7'	6'-7'	5.5'-6.5'	5.5'-6.5'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)								
1,4-Dichlorobenzene	1.8	130	ND	NA	ND	ND	0.00031 (J)	ND
2-Butanone	0.12	500	ND	NA	ND	ND	0.040	0.044
Acetone	0.05	500	ND	NA	0.0033 (J,B)	0.0097 (J,B)	**0.23 (B)**	**0.19 (B)**
Carbon disulfide	-	-	ND	NA	ND	0.00035 (J)	0.00090 (J)	0.0026
cis-1,2-Dichloroethene	0.25	500	ND	NA	ND	ND	0.0003 (J)	ND
Isopropylbenzene	-	-	ND	NA	ND	ND	ND	0.00020 (J)
Methylcyclohexane	-	-	ND	NA	ND	ND	ND	0.002
Methylene Chloride	0.05	500	0.00058 (J,B)	NA	0.0056 (B)	0.0074 (B)	0.0073 (B)	0.0014 (B)
Styrene	-	-	ND	NA	ND	ND	ND	ND
Toluene	0.7	500	ND	NA	ND	ND	0.00057 (J)	0.00030 (J)
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)								
Total VOC TICs	-	-	ND	NA	ND	ND	ND	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, mg/kg)								
Benzo(a)anthracene	1.0	5.6	ND	NA	ND	ND	ND	ND
Benzo(a)pyrene	1.0	1.0	ND	NA	ND	ND	ND	ND
Benzo(b)fluoranthene	1.0	5.6	ND	NA	ND	ND	ND	ND
Benzo(k)fluoranthene	0.8	56	ND	NA	ND	ND	ND	ND
Phenanthrene	100	500	0.057 (J)	NA	ND	ND	ND	ND
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, mg/kg)								
Total SVOC TICs	-	-	ND	NA	ND	ND	2.48	7.8
TCL Pesticides (EPA Method 8081A, mg/kg)								
4,4'-DDD	0.0033	92	ND	NA	ND	ND	**0.046**	ND
4,4'-DDE	0.0033	62	ND	NA	ND	ND	**0.017**	ND
4,4'-DDT	0.0033	47	ND	NA	ND	ND	**0.0099**	ND
Chlordane	0.094	24	ND	NA	ND	ND	0.058 (J)	ND
Dieldrin	0.005	1.4	ND	NA	ND	ND	0.0047 (J)	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, mg/kg)								
Total PCBs	0.1	1.0	ND	NA	0.048 (J)	0.022 (J)	**0.28**	0.027 (J)

Table 4 – Laboratory Results Detected for Subsurface Fill Material

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			F-2	F-3	F-9	F-11	F-13	F-19
Sample Date			6/18/12	6/18/12	6/20/12	6/20/12	6/20/12	6/25/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			5'-6'	3'-4'	6'-7'	6'-7'	5.5'-6.5'	5.5'-6.5'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)								
Aluminum	-	-	8,340	6,510	10,700	4,220	4,970	5,270
Arsenic	13	16	1.5	1.5	1.8	1.2	ND	1.2
Barium	350	400	157	86.7	126	53.0	105	76.4
Beryllium	7.2	590	ND	ND	ND	ND	ND	ND
Cadmium	2.5	9.3	ND	0.21 (J)	0.16 (J)	0.51 (J)	0.23 (J)	0.34 (J)
Calcium	-	-	2,020	1,420	2,050	1,320	963 (J)	2,930
Chromium	30	1,500	21.1	14.1	28.0	11.2	12.6	12.2
Cobalt	-	-	6.1 (J)	4.1 (J)	9.2 (J)	2.9 (J)	2.6 (J)	3.7 (J)
Copper	50	270	**232**	35.4	23.3	23.1	44.8	16.6
Iron	-	-	15,900	12,300	21,000	8,060	9,500	11,000
Lead	63	1,000	38.1	**93.6**	5.8	23.0	24.2	28.5
Magnesium	-	-	4,600	2,900	4,930	2,150	2,760	3,900
Manganese	1,600	10,000	221	213	276	71.8	82.6	88.2
Nickel	30	310	13.5	10.2	20.6	8.5	7.5 (J)	9.4
Potassium	-	-	3,650	1,280	3,750	1,110	1,100	1,360
Selenium	3.9	1,500	ND	ND	ND	ND	ND	ND
Silver	2	1,500	0.50 (J)	**2.3**	ND	1.6 (J)	**2.3**	**4.4**
Vanadium	-	-	26.4	17.5	35.7	12.1	12.7	13.1
Zinc	109	10,000	**117**	80.2	83.3	**304**	57.7	83.7
Mercury	0.18	2.8	**1.4**	**1.6**	ND	**0.73**	**0.67**	**1.4**
Cyanide	27	27	ND	ND	ND	0.19 (J)	0.19 (J)	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit
B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Commercial Use SCO

Table 4 – Laboratory Results Detected for Subsurface Fill Material
Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			F-20	F-23	F-25	F-26	F-28
Sample Date			6/25/12	6/26/12	6/26/12	6/26/12	6/26/12
Sample Type			Soil	Soil	Soil	Soil	Soil
Sample Depth			8.5'-9'	6.5'-8'	5.5'-6.5'	8.5'-9.5'	7'-8'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)							
1,2-Dichlorobenzene	1.1	500	ND	1.1	NA	ND	ND
1,3-Dichlorobenzene	2.4	280	ND	0.083 (J)	NA	ND	ND
1,4-Dichlorobenzene	1.8	130	0.16 (J)	1.4	NA	ND	ND
2-Butanone	0.12	500	**0.62 (J)**	ND	NA	0.0056 (J)	ND
Acetone	0.05	500	**1.9**	**2.6**	NA	0.038 (B)	ND
Carbon disulfide	-	-	0.26	0.25 (J)	NA	0.00025 (J)	ND
Ethylbenzene	1	390	0.059 (J)	0.091 (J)	NA	ND	ND
Isopropylbenzene	-	-	0.13 (J)	0.22 (J)	NA	ND	ND
Methyl acetate	-	-	1.7	3.3	NA	ND	ND
Methylcyclohexane	-	-	0.37	0.086 (J)	NA	ND	ND
Methylene Chloride	0.05	500	ND	ND	NA	0.0012 (B)	0.0011 (B)
Toluene	0.7	500	0.36	**8.6**	NA	ND	ND
Trichloroethene	0.47	200	0.037 (J)	0.074 (J)	NA	ND	ND
Xylenes, Total	0.26	500	**0.65 (J)**	**0.89 (J)**	NA	ND	ND
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)							
Total VOC TICs	-	-	ND	ND	NA	ND	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, mg/kg)							
2-Methylnaphthalene	-	-	0.28 (J)	0.32 (J)	NA	ND	ND
Benzo[a]anthracene	1	5.6	0.090	0.23	NA	ND	ND
Benzo[a]pyrene	1	1	0.091	ND	NA	ND	ND
Benzo[b]fluoranthene	1	5.6	0.089	0.25	NA	ND	ND
Benzo[g,h,i]perylene	100	500	0.070 (J)	ND	NA	ND	ND
Bis(2-ethylhexyl) phthalate	-	-	ND	2.2	NA	ND	ND
Chrysene	1	56	0.18 (J)	0.35 (J)	NA	ND	ND
Dibenzofuran	7	350	0.095 (J)	ND	NA	ND	ND
Fluoranthene	100	500	0.18 (J)	0.35 (J)	NA	ND	ND
Fluorene	30	500	0.10 (J)	ND	NA	ND	ND
Indeno[1,2,3-cd]pyrene	0.5	5.6	0.065 (J)	ND	NA	ND	ND
Phenanthrene	100	500	0.27 (J)	0.36 (J)	NA	ND	ND
Pyrene	100	500	0.22 (J)	0.64 (J)	NA	ND	ND
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, mg/kg)							
Total SVOC TICs	-	-	551	2,826	NA	ND	ND
TCL Pesticides (EPA Method 8081A, mg/kg)							
4,4'-DDD	0.0033	92	ND	**0.023**	NA	ND	ND
4,4'-DDE	0.0033	62	ND	**0.057**	NA	ND	ND
4,4'-DDT	0.0033	47	ND	**0.028**	NA	ND	ND
Dieldrin	0.005	1.4	**0.009**	**0.0084 (J)**	NA	ND	ND
Endrin ketone	-	-	ND	0.0063 (J)	NA	ND	ND
Methoxychlor	-	-	ND	0.0093 (J)	NA	ND	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, mg/kg)							
Total PCBs	0.1	1.0	**0.30**	**0.44**	NA	ND	ND

Table 4 – Laboratory Results Detected for Subsurface Fill Material

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			F-20	F-23	F-25	F-26	F-28
Sample Date			6/25/12	6/26/12	6/26/12	6/26/12	6/26/12
Sample Type			Soil	Soil	Soil	Soil	Soil
Sample Depth			8.5'-9'	6.5'-8'	5.5'-6.5'	8.5'-9.5'	7'-8'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)							
Aluminum	-	-	10,500	7,920	10,100	11,100	6,930
Arsenic	13	16	2.3	10	2.0	2.2	1.5
Barium	350	400	112	**1,190**	107	118	46.2
Beryllium	7.2	590	0.16 (J)	ND	0.15 (J)	ND	0.16 (J)
Cadmium	2.5	9.3	0.33 (J)	**15.1**	0.28 (J)	0.19 (J)	0.18 (J)
Calcium	-	-	3,500	14,400	2,120	4,810	1,360
Chromium	30	1,500	29.7	**36.0**	23.3	27.2	14.4
Cobalt	-	-	8.4 (J)	5.7 (J)	7.9 (J)	8.9 (J)	6.1 (J)
Copper	50	270	23.7	**718**	20.1	18.7	13.4
Iron	-	-	20,100	19,600	18,500	20,300	12,300
Lead	63	1,000	23.6	**544**	17.3	6.5	5.3
Magnesium	-	-	4,940	4,140	4,420	5,390	3,230
Manganese	1,600	10,000	289	170	404	265	140
Nickel	30	310	19.8	28.9	17.3	19.6	13.5
Potassium	-	-	2,600	1,490 (J)	2,300	2,920	1,260
Selenium	3.9	1,500	ND	3.3 (J)	ND	ND	ND
Silver	2	1,500	1.0 (J)	**56.4**	0.52 (J)	ND	ND
Vanadium	-	-	34.4	23.3	29.0	34.8	17.9
Zinc	109	10,000	92.4	**2,850**	68.6	42.7	28.2
Mercury	0.18	2.8	**0.41**	**3.6**	**0.23**	ND	ND
Cyanide	27	27	0.25 (J)	0.83 (J)	ND	ND	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit
B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Commercial Use SCO

Table 5 – Laboratory Results Detected for Stockpiled Soil Material
Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			STP-1	STP-2	STP-3	STP-4	STP-5	STP-6	STP-7
Sample Date			6/4/12	6/4/12	6/4/12	6/4/12	6/4/12	6/4/12	6/4/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			8'0"-9'0"	9'0"-10'0"	6'0"-7'0"	3'0"-4'0"	6'0"-7'0"	4'0"-5'0"	8'0"-9'0"
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)									
2-Butanone	0.12	500	ND	0.015	0.0043 (J)	ND	0.032	ND	ND
Acetone	0.05	500	ND	**0.071 (B)**	0.028 (B)	0.024 (B)	**0.13 (B)**	0.004 (J,B)	ND
Ethylbenzene	1	390	ND	ND	ND	ND	0.0035	ND	ND
Methylene Chloride	0.05	500	0.0002 (J,B)	0.00028 (J,B)	ND	0.00032 (J,B)	0.00025 (J,B)	ND	ND
Toluene	0.7	500	ND	ND	ND	ND	0.00081 (J)	ND	ND
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)									
Total VOC TICs	-	-	ND	ND	0.054 (J)	ND	0.0099	ND	ND

Sample Number			STP-8	STP-9	STP-10	STP-11	STP-12	STP-13	STP-14
Sample Date			6/4/12	6/4/12	6/4/12	6/4/12	6/4/12	6/4/12	6/5/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			4'0"-5'0"	9'0"-10'0"	7'0"-8'0"	8'0"-9'0"	4'0"-5'0"	6'0"-7'0"	7'0"-8'0"
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)									
2-Butanone	0.12	500	ND	0.0054 (J)	ND	ND	ND	ND	0.0022 (J)
Acetone	0.05	500	ND	0.039 (B)	0.0046 (J,B)	ND	0.0037 (J,B)	0.0073 (J,B)	0.014 (B)
Carbon Disulfide	-	-	ND	ND	ND	ND	ND	ND	0.00027 (J)
Cyclohexane	-	-	0.0021	ND	ND	ND	ND	ND	ND
Isopropylbenzene	-	-	0.026	ND	ND	ND	ND	ND	ND
Methylcyclohexane	-	-	0.014	ND	ND	ND	ND	ND	ND
Methylene Chloride	0.05	500	0.00065 (J,B)	ND	0.00028 (J,B)	ND	0.00024 (J,B)	0.00035 (J,B)	0.00029 (J,B)
Toluene	0.7	500	ND	ND	ND	ND	ND	ND	ND
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)									
Total VOC TICs	-	-	0.595 (J)	ND	ND	ND	ND	ND	ND

Sample Number			STP-15	STP-16	STP-17	STP-18	STP-19	STP-20	STP-21	STP-22
Sample Date			6/5/12	6/5/12	6/5/12	6/5/12	6/5/12	6/5/12	6/5/12	6/5/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			6'0"-7'0"	4'0"-5'0"	8'0"-9'0"	0'6"-1-'6"	6'0"-7'0"	7'0"-8'0"	5'0"-6'0"	0'6"-1'6"
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)										
Acetone	0.05	500	ND	ND	0.0063 (J,B)	ND	0.0045 (J,B)	ND	ND	ND
Methylene Chloride	0.05	500	0.00034 (J,B)	0.00024 (J,B)	0.00034 (J,B)	0.00030 (J,B)	0.00026 (J,B)	0.00033 (J,B)	0.00029 (J,B)	0.00028 (J,B)
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)										
Total VOC TICs	-	-	ND	ND	ND	ND	ND	ND	ND	ND

Table 5 – Laboratory Results Detected for Stockpiled Soil Material

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			STP-C1	STP-C2	STP-C3	STP-C4	STP-C5	STP-C6	STP-C7	STP-C8
Sample Date			6/4/12	6/4/12	6/4/12	6/4/12	6/4/12	6/5/12	6/5/12	6/5/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, mg/kg)										
Benzo(a)anthracene	1.0	5.6	ND	ND	ND	ND	ND	0.029 (J)	0.022 (J)	0.029 (J)
Benzo(a)pyrene	1.0	1.0	ND	ND	ND	ND	ND	0.026 (J)	0.018 (J)	0.025 (J)
Benzo(b)fluoranthene	1.0	5.6	ND	ND	ND	ND	ND	0.030 (J)	0.019 (J)	0.027 (J)
Benzo(k)fluoranthene	0.8	56	ND	ND	ND	ND	ND	0.015 (J)	0.010 (J)	0.013 (J)
Fluoranthene	100	500	ND	ND	ND	ND	ND	ND	ND	0.049 (J)
Indeno(1,2,3-cd)pyrene	0.5	5.6	ND	ND	ND	ND	ND	0.015 (J)	0.010 (J)	0.011 (J)
Pyrene	100	500	ND	ND	ND	ND	ND	0.034 (J)	ND	0.037 (J)
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, mg/kg)										
Total SVOC TICs			ND	ND	ND	0.66 (J)	1.31 (J)	ND	ND	ND
TCL Pesticides (EPA Method 8081A, mg/kg)										
4,4'-DDD	0.0033	92	ND	ND	ND	ND	**0.0037 (J)**	ND	ND	ND
4,4'-DDE	0.0033	62	ND	ND	ND	ND	**0.0047 (J)**	ND	ND	ND
4,4'-DDT	0.0033	47	ND	ND	ND	**0.0052 (J)**	**0.0054 (J)**	ND	ND	ND
Chlordane	0.094	24	ND	ND	ND	ND	ND	0.080	ND	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, mg/kg)										
Total PCBs	0.1	1.0	ND	ND	ND	0.038 (J)	0.099	ND	ND	ND
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)										
Aluminum	-	-	7,610	10,600	7,490	7,330	8,670	15,800	16,500	13,500
Arsenic	13	16	1.3	2.4	1.2	1.3	1.5	3.3	3.4	2.5
Barium	350	400	60.4	84.6	63.6	107	136	292	340	238
Beryllium	-	-	ND	ND	ND	ND	ND	0.39 (J)	0.38 (J)	0.30 (J)
Cadmium	2.5	9.3	ND	ND	ND	0.30 (J)	0.67 (J)	ND	0.15 (J)	ND
Calcium	-	-	1,750	2,130	1,530	1,880	2,010	5,210	5,980	5,310
Chromium	30	1,500	15.5	20.8	16.1	16.1	27.3	**32.3**	**36.2**	27.1
Cobalt	-	-	6.2 (J)	7.9 (J)	5.8 (J)	5.7 (J)	7.1 (J)	14.0	16.0	13.1
Copper	50	270	15.5	18.5	17.9	30.0	**50.8**	26.1	24.9	17.0
Iron	-	-	12,100	16,800	12,500	12,300	15,900	28,800	30,100	24,900
Lead	63	1,000	7.2	10.7	9.9	38.4	47.3	17.0	9.9	8.5
Magnesium	-	-	3,690	4,320	3,280	3,340	4,240	9,550	10,700	8,780
Manganese	1,600	10,000	230	321	205	217	219	419	435	394
Nickel	30	310	13.0	17.0	12.4	12.3	16.0	18.7	20.0	15.5
Potassium	-	-	1,650	2,210	1,690	1,950	2,390	8,220	9,020	7,200
Silver	2	1,500	ND	ND	ND	1.8 (J)	**3.0**	ND	ND	ND
Vanadium	-	-	18.0	27.0	19.5	18.5	24.6	58.2	60.4	48.7
Zinc	109	10,000	43.1	46.8	40.9	72.6	**127**	58.1	55.5	46.2
Mercury	0.18	2.8	0.067	0.055	0.083	**0.44**	**0.78**	ND	ND	ND
Cyanide	27	27	ND	ND	ND	ND	ND	ND	ND	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit
B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Commercial Use SCO

Table 6 – Laboratory Results Detected for Surface Soil

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8
Sample Date			6/5/12	6/5/12	6/5/12	6/5/12	6/5/12	6/5/12	6/5/12	6/5/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			0-2”	0-2”	0-2”	0-2”	0-2”	0-2”	0-2”	0-2”
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)										
Acetone	0.05	500	ND	0.0051 (J,B)	0.012 (J,B)	0.017 (B)	0.0073 (J,B)	0.011 (B)	0.012 (B)	0.0045 (J,B)
Methylene Chloride	0.05	500	0.00026 (J,B)	0.0003 (J,B)	0.00038 (J,B)	ND	0.00031 (J,B)	0.00026 (J,B)	0.00028 (J,B)	0.00027 (J,B)
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)										
Total VOC TICs	-	-	ND	0.6354 (J)	0.13 (J)	0.394 (J)	0.37 (J)	0.262 (J)	0.3481 (J)	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, mg/kg)										
Benzo(a)anthracene	1.0	5.6	ND	ND	ND	0.018 (J)	ND	ND	ND	ND
Benzo(a)pyrene	1.0	1.0	0.0089 (J)	ND	ND	0.014 (J)	ND	ND	ND	ND
Benzo(b)fluoranthene	1.0	5.6	0.012 (J)	ND	ND	0.019 (J)	ND	ND	ND	ND
Benzo(k)fluoranthene	0.8	56	ND	ND	ND	0.0085 (J)	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	5.6	ND	ND	ND	0.013 (J)	ND	0.047	ND	ND
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, mg/kg)										
Total SVOC TICs	-	-	3.7 (J)	2.04 (J)	1.07 (J)	18.38 (J)	7.64 (J)	0.44 (J)	ND	ND
TCL Pesticides (EPA Method 8081A, mg/kg)										
4,4'-DDT	0.0033	47	**0.0037 (J)**	ND	ND	ND	ND	ND	ND	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, mg/kg)										
Total PCBs	0.1	1.0	ND	ND	ND	ND	ND	ND	ND	ND
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)										
Aluminum	-	-	6,750	11,900	6,140	7,660	11,400	8,950	9,080	8,810
Arsenic	13	16	2.3	2.5	1.2	2.1	1.5	1.3	1.6	1.6
Barium	350	400	59.1	121	57.6	67.6	97.7	81.1	64.7	67.9
Cadmium	2.5	9.3	ND	0.72 (J)	ND	ND	ND	0.16 (J)	ND	ND
Calcium	-	-	2,570	1,980	2,070	2,560	3,020	1,730	1,650	1,660
Chromium	30	1,500	15	25.3	14.6	16.7	29.5	19.1	18.9	17.2
Cobalt	-	-	6.8 (J)	8.7 (J)	5.2 (J)	6.7 (J)	8.8 (J)	7.0 (J)	6.4 (J)	6.7 (J)
Copper	50	270	20.9	29.5	15.7	25.1	19.8	20.4	17.0	17.7
Iron	-	-	11,800	19,000	10,400	14,300	19,200	15,000	15,200	14,100
Lead	63	1,000	13.1	16.2	7.0	8.0	8.7	8.4	8.6	6.5
Magnesium	-	-	3,410	4,760	3,320	3,830	5,620	4,080	3,390	3,690
Manganese	1,600	10,000	209	209	192	213	332	250	242	234
Nickel	30	310	13.3	21.7	12.2	14.1	19.1	15.5	13.5	14.7
Potassium	-	-	1,600	2,750	1,640	1,860	2,910	2,150	1,430	1,790
Silver	2	1,500	ND	0.74 (J)	0.44 (J)	ND	ND	0.25 (J)	ND	ND
Vanadium	-	-	17.5	33	15.5	21.9	31.6	22.4	24.5	21.1
Zinc	109	10,000	39.4	**250**	36.3	42.9	50.5	46.7	39.9	38.4
Mercury	0.18	2.8	0.059	**0.19**	0.076	0.052	0.055	0.10	0.051	0.025 (J)
Cyanide	27	27	ND	ND	ND	ND	ND	ND	ND	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit
B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Commercial Use SCO

Table 7 – Laboratory Results Detected for Former Sludge Spoil Area

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			SLS-1	SLS-2	SLS-3
Sample Date			6/22/12	6/22/12	6/22/12
Sample Type			Soil	Soil	Soil
Sample Depth			1.5'-2.5'	3.5'-4.5'	6'-7'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, mg/kg)					
2-Butanone	0.12	500	NA	ND	0.0069 (J)
Acetone	0.05	500	NA	ND	0.033 (B)
Ethylbenzene	1	390	NA	0.043 (J)	ND
Methylene Chloride	0.05	500	NA	ND	0.00071 (J,B)
Toluene	0.7	500	NA	0.25	0.00048 (J,B)
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, mg/kg)					
Total VOC TICs	-	-	NA	ND	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, mg/kg)					
2-Methylphenol	0.33	500	NA	0.070 (J)	ND
Anthracene	100	500	NA	0.053 (J)	ND
Benzo[a]anthracene	1	5.6	NA	0.073	ND
Benzo[a]pyrene	1	1	NA	0.058	ND
Benzo[b]fluoranthene	1	5.6	NA	0.13	ND
Benzo[g,h,i]perylene	100	500	NA	0.056 (J)	ND
Chrysene	1	56	NA	0.13 (J)	ND
Fluoranthene	100	500	NA	0.16 (J)	ND
Indeno[1,2,3-cd]pyrene	0.5	5.6	NA	0.058	ND
Phenanthrene	100	500	NA	0.23 (J)	ND
Pyrene	100	500	NA	0.15 (J)	ND
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, mg/kg)					
Total SVOC TICs	-	-	NA	22.51	7.39
TCL Pesticides (EPA Method 8081A, mg/kg)					
Total Pesticides	-	-	NA	ND	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, mg/kg)					
Total PCBs	0.1	1.0	NA	ND	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit
B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Commercial Use SCO

Table 7 – Laboratory Results Detected for Former Sludge Spoil Area

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			SLS-1	SLS-2	SLS-3
Sample Date			6/22/12	6/22/12	6/22/12
Sample Type			Soil	Soil	Soil
Sample Depth			1.5'-2.5'	3.5'-4.5'	6'-7'
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)					
Aluminum	-	-	5,350	12,000	4,980
Arsenic	13	16	1.0	2.0	3.9
Barium	350	400	48.9	125	113
Beryllium	7.2	590	ND	0.17 (J)	ND
Cadmium	2.5	9.3	ND	0.28 (J)	0.84 (J)
Calcium	-	-	1,920	1,690	1,920
Chromium	30	1,500	13.7	25.2	15.1
Cobalt	-	-	5.2 (J)	7.1 (J)	4.4 (J)
Copper	50	270	12.1	31.2	**54.2**
Iron	-	-	11,600	17,100	11,900
Lead	63	1,000	3.5	36.9	**92.4**
Magnesium	-	-	2,990	3,760	1,940
Manganese	1,600	10,000	239	199	159
Nickel	30	310	11.4	15.9	11.3
Potassium	-	-	1,520	1,710	882 (J)
Silver	2	1,500	ND	1.5 (J)	**3.4**
Vanadium	-	-	16.6	29.9	17.2
Zinc	109	10,000	22.9	72.6	**193**
Mercury	0.18	2.8	ND	**0.86**	**0.89**
Cyanide	27	27	ND	ND	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit
B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Commercial Use SCO

Table 8 – Laboratory Results Detected for Former Pump House Area

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			PH-1	PH-2	PH-3	PH-4	PH-5	PH-6	PH-7	PH-8
Sample Date			6/20/12	6/20/12	6/20/12	6/20/12	6/20/12	6/20/12	6/20/12	6/20/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			2'0"-3'0"	5'6"-6'6"	8'0"-9'0"	12'0"-13'0"	1'6"-2'6"	6'0"-7'0"	9'0"-10'0"	12'0"-13'0"
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)										
Aluminum	-	-	7,570	7,770	9,590	6,160	6,360	7,990	13,800	13,800
Antimony	-	-	ND	ND	ND	1.9 (J)	ND	ND	ND	ND
Arsenic	13	16	1.6	2.0	**14.1**	3.3	1.1	1.6	2.1	2.6
Barium	350	400	51.4	125	90.4	53.0	58.2	65.9	102	102
Beryllium	7.2	590	ND	ND	ND	ND	ND	ND	ND	0.16 (J)
Cadmium	2.5	9.3	ND	0.36 (J)	1.8	0.16 (J)	ND	ND	0.20 (J)	0.17 (J)
Calcium	-	-	1,950	1,530	3,280	2,640	2,630	1,530	2,340	2,060
Chromium	30	1,500	14.5	18.8	**30.3**	16.6	15.6	16.8	29.5	29.8
Cobalt	-	-	6.1 (J)	4.6 (J)	18.0	8.8 (J)	5.9 (J)	6.7 (J)	7.9 (J)	11.2
Copper	50	270	13.6	46.5	49.5	15.9	14.3	16.4	14.6	16.8
Iron	-	-	12,600	13,000	70,100	10,500	12,900	13,700	20,300	20,600
Lead	63	1,000	6.0	**107**	31.3	5.3	3.8	5.3	10.6	7.6
Magnesium	-	-	3,270	2,910	3,070	3,180	3,540	3,900	4,300	5,110
Manganese	1,600	10,000	204	115	530	162	186	265	369	241
Nickel	30	310	12.5	12.4	29.0	17.1	12.9	14.3	17.1	20.3
Potassium	-	-	1,390	1,300	949 (J)	1,100 (J)	1,910	1,990	1,040 (J)	1,600
Silver	2	1,500	ND	**2.5**	ND	ND	ND	ND	ND	ND
Vanadium	-	-	18.3	20.1	28.5	23.7	19.5	21.8	39.6	40.3
Zinc	109	10,000	27.3	98.9	**622**	27.8	26.4	36.3	46.0	59.5
Mercury	0.18	2.8	ND	**2.8**	**0.24**	ND	ND	ND	0.038 (J)	ND
Cyanide	27	27	ND	ND	ND	ND	ND	ND	ND	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit
B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Commercial Use SCO

Table 8 – Laboratory Results Detected for Former Pump House Area

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			PH-9	PH-10	PH-11	PH-12	PH-13	PH-14	PH-15	PH-16
Sample Date			6/20/12	6/20/12	6/20/12	6/20/12	6/20/12	6/20/12	6/20/12	6/20/12
Sample Type			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Depth			1'0"-2'0"	5'6"-6'6"	9'0"-10'0"	12'0"-13'0"	1'0"-2'0"	5'6"-6'6"	9'0"-10'0"	12'0"-13'0"
Parameter	NYSDEC Unrestricted Use SCO	NYSDEC Commercial Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, mg/kg)										
Aluminum	-	-	8,230	5,090	19,900	5,090	6,470	11,100	10,300	5,520
Antimony	-	-	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	13	16	2.2	1.2	3.2	ND	1.6	1.5	2.5	1.6
Barium	350	400	49.9	71.4	129	42.2 (J)	56.9	112	144	94.3
Beryllium	7.2	590	0.15 (J)	ND	0.47 (J)	ND	ND	ND	ND	ND
Cadmium	2.5	9.3	ND	0.22 (J)	ND	ND	ND	0.30 (J)	0.61 (J)	0.41 (J)
Calcium	-	-	1,490	1,310	1,890	1,760	2,750	2,540	2,230	1,830
Chromium	30	1,500	14.3	12.7	**40.2**	12.4	15.0	27.9	27.7	16.3
Cobalt	-	-	5.8 (J)	4.4 (J)	9.8 (J)	4.6 (J)	5.8 (J)	6.4 (J)	6.3 (J)	3.8 (J)
Copper	50	270	12.5	29.7	11.8	9.2	14.9	**96.8**	**224**	**225**
Iron	-	-	12,300	11,900	29,600	8,140	12,900	17,400	17,300	11,200
Lead	63	1,000	5.6	37.8	10.3	3.0	4.2	55.7	**115**	**66.4**
Magnesium	-	-	2,720	2,420	4,260	2,300	3,600	4,250	4,360	2,790
Manganese	1,600	10,000	225	110	356	87.6	186	168	163	107
Nickel	30	310	12.3	9.4	20.8	8.8 (J)	12.4	16.7	17.4	10.6
Potassium	-	-	1,070	1,300	516 (J)	1,020 (J)	1,690	1,360	1,750	1,440
Silver	2	1,500	ND	**3.3**	ND	ND	ND	**2.1 (J)**	**3.7**	2.0 (J)
Vanadium	-	-	17.9	15.8	60.8	17.2	19.8	29.6	28.4	16.4
Zinc	109	10,000	27.4	65.4	64.4	21.9	25.2	**120**	**213**	**122**
Mercury	0.18	2.8	ND	**0.65**	0.062	ND	ND	**1.7**	**2.8**	**4.0**
Cyanide	27	27	ND	ND	ND	ND	0.13 (J)	ND	0.19 (J)	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit
B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Commercial Use SCO

Table 9 – Laboratory Results Detected for Groundwater

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number		MW-1	MW-2	MW-3	MW-4
Sample Date		6/29/12	6/29/12	6/29/12	6/29/12
Sample Type		Groundwater	Groundwater	Groundwater	Groundwater
Parameter	NYSDEC Class GA Groundwater Criteria	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, ug/L)					
Acetone	50	8.6	13	ND	6.8
cis-1,2-Dichloroethene	5	0.25 (J)	ND	ND	ND
Methylene Chloride	5	0.81 (J)	ND	ND	ND
Vinyl Chloride	2	0.58 (J)	ND	ND	ND
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, ug/L)					
Total VOC TICs	-	ND	ND	ND	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, ug/L)					
Total SVOCs	-	ND	ND	ND	ND
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, ug/L)					
Total SVOC TICs	-	ND	ND	ND	ND
TCL Pesticides (EPA Method 8081A, ug/L)					
Total Pesticides	-	ND	ND	ND	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, ug/L)					
Total PCBs	0.09	ND	ND	ND	ND
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, ug/L)					
Aluminum	-	231	1,750	267	18,100
Arsenic	25	2.1 (J)	2.5	2.0 (J)	3.2
Barium	1,000	187	336	89.9	320
Calcium	-	80,000	208,000	94,400	42,900
Chromium	50	ND	4.7 (J)	ND	39.6
Cobalt	-	ND	4.4 (J)	ND	14.8
Copper	200	ND	9.4	ND	38.8
Iron	300	**35,500**	**61,800**	**6,570**	**26,600**
Lead	25	ND	13.3	1.3 (J)	16.2
Magnesium	35,000	21,700	**52,100**	17,000	19,500
Manganese	300	**4,250**	**4,990**	**6,300**	**1,860**
Nickel	100	ND	5.4	ND	30.7
Potassium	-	5,320	10,800	4,960	12,200
Sodium	20,000	**38,300**	**29,600**	3,120	**42,200**
Vanadium	-	ND	8.4	ND	47.1
Zinc	2,000	ND	49.0	ND	92.0
Mercury	0.7	ND	ND	ND	0.22
Cyanide	200	ND	ND	ND	ND

ND – Not detected

Q – Data qualifier

J – Estimated value below reporting limit

– Shaded value indicates exceedance of NYSDEC Class GA Groundwater Criteria

Table 10 – Laboratory Results Detected for River Surface Water

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number		SW-1	SW-2	SW-3	SW-4
Sample Date		6/29/12	6/29/12	6/29/12	6/29/12
Sample Type		Surface Water	Surface Water	Surface Water	Surface Water
Parameter	NYSDEC Class A Surface Water Criteria	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, ug/L)					
Acetone	50	9.0	8.4	8.6	ND
Chloroform	7	0.092 (J)	0.095 (J)	0.088 (J)	ND
cis-1,2-Dichloroethene	5	0.50 (J)	0.43 (J)	0.47 (J)	0.46 (J)
Tetrachloroethene	0.7	**5.1**	**4.4**	**5.3**	**4.9**
Trichloroethene	5	0.23 (J)	0.20 (J)	0.21 (J)	0.18 (J)
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, ug/L)					
Total VOC TICs	-	ND	ND	ND	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, ug/L)					
Phenanthrene	50	ND	4.7 (J)	4.2 (J)	ND
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, ug/L)					
Total SVOC TICs	-	ND	ND	ND	ND
TCL Pesticides (EPA Method 8081A, ug/L)					
Total Pesticides	-	ND	ND	ND	ND
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, ug/L)					
Total PCBs	0.09	ND	ND	ND	ND
TAL Metals + Mercury + Cyanide (EPA Methods 6010B, 7471A, and 9012A, ug/L)					
Aluminum	100	**214**	**414**	**320**	**113**
Barium	1,000	82.1	73.1	70.7	69.2
Calcium	-	29,000	25,800	25,800	27,300
Copper	200	4.6 (J)	6.5	3.9 (J)	ND
Iron	300	**751**	**1,120**	**853**	**468**
Lead	50	9.0	2.0	1.3 (J)	ND
Magnesium	35,000	7,750	7,050	7,020	7,270
Manganese	300	101	137	105	54.2
Potassium	-	3,100	2,810	2,880	2,970
Sodium	-	30,300	26,400	25,100	27,800
Mercury	0.7	ND	ND	ND	ND
Cyanide	200	ND	ND	ND	ND

ND – Not detected

Q – Data qualifier

J – Estimated value below reporting limit

– Shaded value indicates exceedance of NYSDEC Class A Surface Water Criteria

Table 11 – Laboratory Results Detected for River Sediment

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			SED-1	SED-2	SED-3	SED-4
Sample Date			6/29/12	6/29/12	6/29/12	6/29/12
Sample Type			River Sediment	River Sediment	River Sediment	River Sediment
Sample Depth			0-6”	0-6”	0-6”	0-6”
Parameter	NYSDEC Strictest Sediment Criteria	NYSDEC Unrestricted Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Volatile Organic Compounds (TCL VOCs by EPA Method 8260B, ug/kg)						
Total VOCs	-	-	ND	ND	ND	ND
TCL Volatile Organic Tentatively Identified Compounds (TCL VOC TICs by EPA Method 8260B, ug/kg)						
Total VOC TICs	-	-	ND	ND	ND	ND
TCL Semi-Volatile Organic Compounds (TCL SVOCs by EPA Method 8270C, ug/kg)						
Methylphenol, 3&4	-	-	ND	ND	20 (J)	ND
Naphthalene	30,000	12,000	ND	33 (J)	7.5 (J)	ND
2-Methylnaphthalene	34,000	-	ND	26 (J)	8.2 (J)	ND
Acenaphthylene	-	100,000	ND	15 (J)	19 (J)	ND
Acenaphthene	140,000	20,000	ND	100 (J)	15 (J)	ND
Dibenzofuran	-	-	ND	ND	13 (J)	ND
Fluorene	8,000	30,000	ND	100 (J)	22	ND
Phenanthrene	120,000	100,000	31	770	200	110
Anthracene	107,000	100,000	7.7 (J)	220	50	18 (J)
Carbazole	-	-	6.6 (J)	86 (J)	47	ND
Di-n-butyl phthalate	-	-	ND	ND	19 (J)	ND
Fluoranthene	1,020,000	100,000	84	1,000	400	230
Pyrene	961,000	100,000	77	990	300	220
Butyl benzyl phthalate	-	-	ND	160 (J)	ND	ND
Benzo(a)anthracene	1,300	1,000	53	630	190	130
Chrysene	1,300	1,000	61	660	230	160
Bis(2-ethyhexyl) phthalate	199,500	-	ND	160 (J)	50 (J)	ND
Di-n-octyl phthalate	-	-	ND	ND	14 (J)	ND
Benzo(b)fluoranthene	1,300	1,000	86	800	310	200
Benzo(a)pyrene	1,300	1,000	56	520	190	140
Indeno(1,2,3-cd)pyrene	1,300	500	49	340	150	110
Dibenz(a,h)anthracene	-	330	61	**370**	91	ND
Benzo(g,h,i)perylene	-	100,000	68	420	180	120
TCL Semi-Volatile Organic Tentatively Identified Compounds (TCL SVOC TICs by EPA Method 8270C, ug/kg)						
Total SVOC TICs	-	-	789 (J)	19,660 (J)	1536.9 (J)	3,190 (J)
TCL Pesticides (EPA Method 8081A, ug/kg)						
4,4’-DDD	10	3.3	0.25	1.7	0.46 (J)	0.25
4,4’-DDT	10	3.3	0.47	0.25 (J)	0.24 (J)	ND
4,4’-DDE	10	3.3	0.25	0.86 (J)	0.26 (J)	0.18 (J)
Aldrin	100	5	0.065 (J)	ND	ND	ND
Chlordane	1	94	**2.7**	ND	ND	**2.7**
Dieldrin	100	5	ND	ND	ND	0.055 (J)
Endosulfan sulfate	30	2,400	ND	0.13 (J)	ND	0.12 (J)
Endrin	800	14	ND	ND	ND	0.074 (J)
Endrin ketone	800	14	0.028 (J)	ND	ND	0.56 (B)
Gamma-BHC (Lindane)	-	100	ND	ND	0.20 (J)	ND
Heptachlor epoxide	0.8	42	ND	ND	ND	0.16 (J)
Methoxychlor	600	-	0.23 (J)	3.6	3.8	1.4

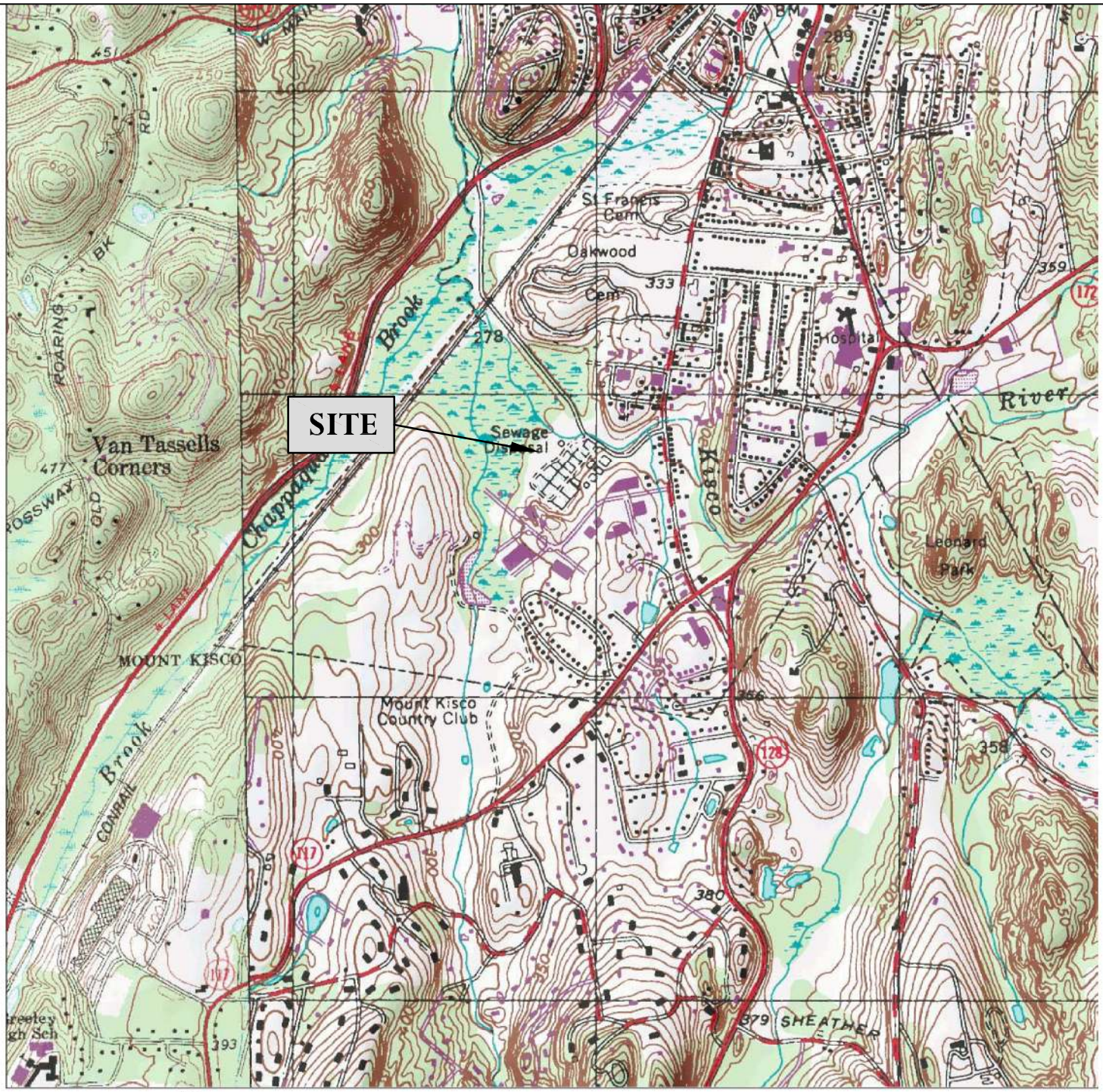
Table 11 – Laboratory Results Detected for River Sediment

Undeveloped Parcel Site, 6 Morgan Drive, Mount Kisco, New York (Site No. C360112)

Sample Number			SED-1	SED-2	SED-3	SED-4
Sample Date			6/29/12	6/29/12	6/29/12	6/29/12
Sample Type			River Sediment	River Sediment	River Sediment	River Sediment
Sample Depth			0-6”	0-6”	0-6”	0-6”
Parameter	NYSDEC Strictest Sediment Criteria	NYSDEC Unrestricted Use SCO	Result (Q)	Result (Q)	Result (Q)	Result (Q)
TCL Polychlorinated Biphenyls (TCL PCBs by EPA Method 8082, ug/kg)						
Total PCBs	0.8	100	**3.1**	**275**	**2.5**	**2.3**
TAL Metals + Mercury + Cyanide (EPA Methods 6020, 7471A, and 9012A, mg/kg, ppm)						
Aluminum	-	-	3,000 (B)	3,000 (B)	3,700 (B)	2,600 (B)
Antimony	2	-	0.083 (J)	0.11 (J)	0.13	0.047 (J)
Arsenic	6	13	1.2	1.1	0.99	0.98
Barium	-	350	40 (B)	40 (B)	54	26 (B)
Beryllium	-	7.2	0.098	0.11	0.11	0.10
Calcium	-	-	1,900 (B)	1,600 (B)	4,200 (B)	1,900 (B)
Cadmium	0.6	2.5	0.079	0.13	0.069	0.057
Cobalt	-	-	3.0 (B)	3.1 (B)	3.3 (B)	2.4 (B)
Chromium	26	30	9.2 (B)	8.8 (B)	11 (B)	6.6 (B)
Copper	16	50	10	13	11	7.9
Iron	2%	-	15,000 (B)	7,200 (B)	8,500 (B)	9,100 (B)
Lead	31	63	10	14	11	10
Magnesium	-	-	2,300 (B)	1,800 (B)	3,400 (B)	1,900 (B)
Manganese	460	1,600	190 (B)	97 (B)	270 (B)	100 (B)
Nickel	16	30	6.9 (B)	7.0 (B)	8.2	5.9 (B)
Potassium	-	-	830	580	860	650
Selenium	-	3.9	0.097 (J)	0.19 (J)	0.22 (J)	0.052 (J)
Silver	1	2.0	0.070	0.045 (J)	0.027 (J)	0.017 (J)
Sodium	-	-	62 (B)	88 (B)	86 (B)	49 (B)
Thallium	-	-	0.068 (B)	0.050 (J,B)	0.065 (J)	0.043 (J,B)
Vanadium	-	-	12 (B)	11 (B)	12	8.9 (B)
Zinc	120	109	40 (B)	48 (B)	46 (B)	30 (B)
Mercury	0.15	0.18	0.011 (J)	0.047	0.011 (J)	ND
Cyanide	-	27	ND	0.38	ND	ND

NA – Not analyzed
ND – Not detected
Q – Data qualifier
J – Estimated value below reporting limit
B – Compound was detected in the lab blank and the sample
SCO – Soil Cleanup Objectives from 6 New York Code of Rules and Regulations (NYCRR) Part 375
– Shaded value indicates exceedance of Unrestricted Use SCO
– Shaded value indicates exceedance of Strictest Sediment Criteria

FIGURES



MAP SOURCE
USGS 7.5 Minute Quadrangle
Mount Kisco, New York

ROBERT B. SIMPSON, P.E.
PROFESSIONAL ENGINEER

081840	*Robert Simpson*	12/3/12
LICENSE NO.	SIGNATURE	DATE

SITE LOCATION MAP

BCP SITE NO.C360112
UNDEVELOPED PARCEL SITE
MT. KISCO, NEW YORK

DRAWN	SCALE
MRA	NTS
CHECKED	DATE
RBS	3 DEC 12
PROJECT NO.	DWG NO.
01-109	FIG -1
APPROVED	

CARLIN-SIMPSON AND ASSOCIATES
61 Main Street
Sayreville, NJ 08872

Consulting Geotechnical and Environmental Engineers

ROBERT B. SIMPSON, P.E.
PROFESSIONAL ENGINEER

081840	*Robert Simpson*	12/3/12
LICENSE NO.	SIGNATURE	DATE

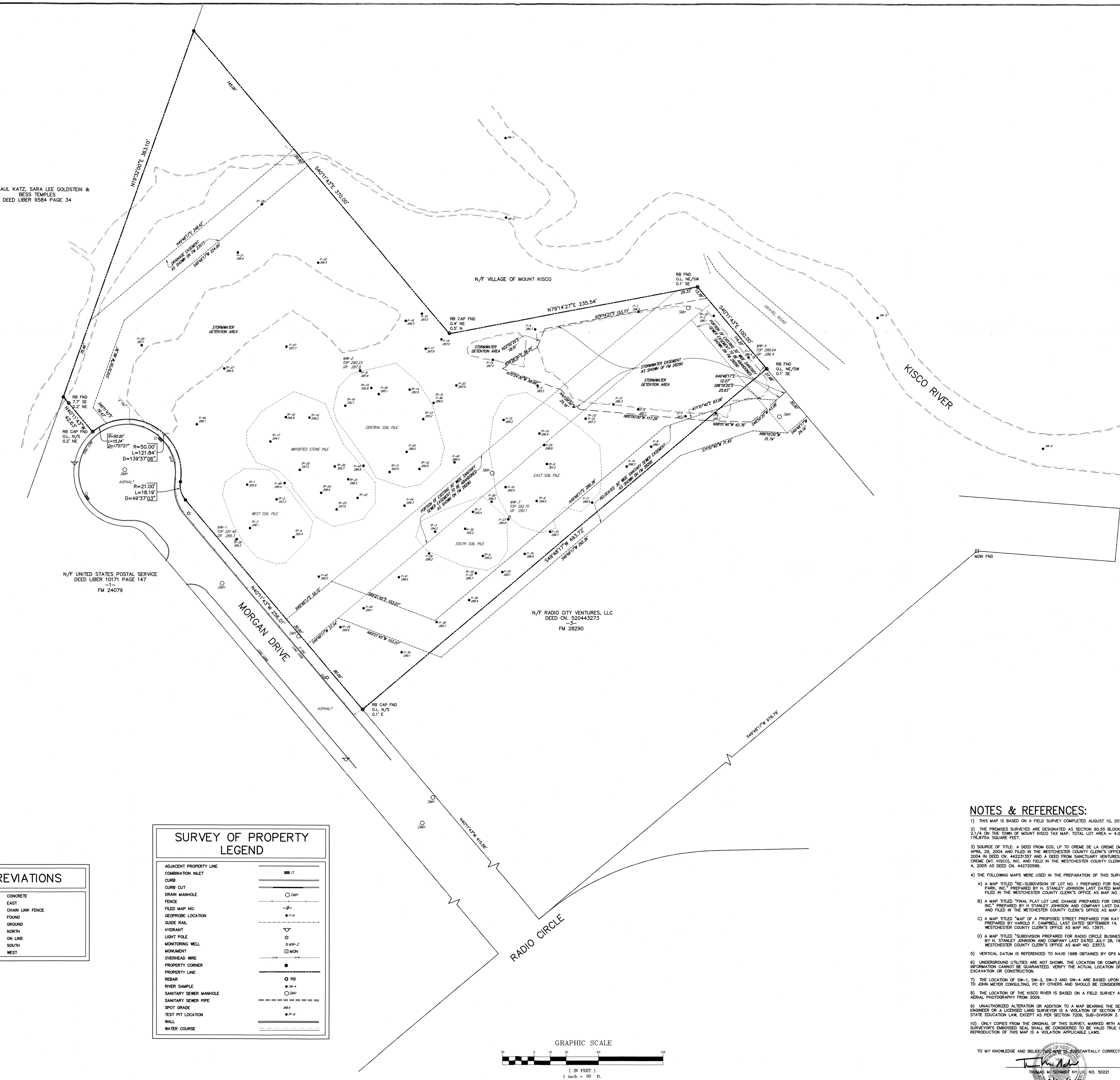
AERIAL PHOTOGRAPH OF THE SITE

BCP SITE NO.C360112
UNDEVELOPED PARCEL SITE
MT. KISCO, NEW YORK

DRAWN	SCALE
MRA	NTS
CHECKED	DATE
RBS	3 DEC 12
PROJECT NO.	DWG NO.
01-109	FIG -2
APPROVED	

CARLIN-SIMPSON AND ASSOCIATES
61 Main Street
Sayreville, NJ 08872

Consulting Geotechnical and Environmental Engineers



ABBREVIATIONS

CONC	CONCRETE
E	EAST
FNC	CHAIN LINK FENCE
FND	FOUND
GR	GROUND
N	NORTH
O.L.	ON LINE
S	SOUTH
W	WEST

SURVEY OF PROPERTY LEGEND

ADJACENT PROPERTY LINE	
COMBINATION INLET	CI
CURB	
CURB CUT	
DRAIN MANHOLE	DMH
FENCE	
FILED MAP NO.	-9-
GEOPROBE LOCATION	P-8
GUIDE RAIL	
HYDRANT	
LIGHT POLE	
MONITORING WELL	MW-2
MONUMENT	MON
OVERHEAD WIRE	OHW
PROPERTY CORNER	
PROPERTY LINE	
REBAR	RB
RIVER SAMPLE	SW-4
SANITARY SEWER MANHOLE	SMH
SANITARY SEWER PIPE	
SPOT GRADE	288.6
TEST PIT LOCATION	TP-8
WALL	
WATER COURSE	

NOTES & REFERENCES:

1) THIS MAP IS BASED ON A FIELD SURVEY COMPLETED AUGUST 10, 2012.

2) THE PREMISES SURVEYED ARE DESIGNATED AS SECTION 80.55 BLOCK 1 LOTS 2.1/3 AND 2.1/4 ON THE TOWN OF MOUNT KISCO TAX MAP. TOTAL LOT AREA = 4.06049± ACRES OR 176,875± SQUARE FEET.

3) SOURCE OF TITLE: A DEED FROM ECD, LP TO CREME DE LA CREME (MT. KISCO), INC. DATED APRIL 29, 2004 AND FILED IN THE WESTCHESTER COUNTY CLERK'S OFFICE ON SEPTEMBER 23, 2004 IN DEED CN. 442231357 AND A DEED FROM SANCTUARY VENTURES, L.L.C. TO CREME DE LA CREME (MT. KISCO), INC. AND FIELD IN THE WESTCHESTER COUNTY CLERK'S OFFICE ON JANUARY 4, 2005 AS DEED CN. 442720596.

4) THE FOLLOWING MAPS WERE USED IN THE PREPARATION OF THIS SURVEY:

A) A MAP TITLED "RE-SUBDIVISION OF LOT NO. 1 PREPARED FOR RADIO CIRCLE BUSINESS PARK, INC." PREPARED BY H. STANLEY JOHNSON LAST DATED MARCH 17, 1989 AND FILED IN THE WESTCHESTER COUNTY CLERK'S OFFICE AS MAP NO 24079.

B) A MAP TITLED "FINAL PLAT LOT LINE CHANGE PREPARED FOR CREME DE LA CREME (MT. KISCO) INC." PREPARED BY H STANLEY JOHNSON AND COMPANY LAST DATED JUNE 19, 2007 AND FILED IN THE WETCHESTER COUNTY CLERK'S OFFICE AS MAP NO. 28290.

C) A MAP TITLED "MAP OF A PROPOSED STREET PREPARED FOR KAY AREA REAL ESTATE CORP." PREPARED BY HAROLD F. CAMPBELL LAST DATED SEPTEMBER 14, 1961 AND FILED IN THE WESTCHESTER COUNTY CLERK'S OFFICE AS MAP NO. 13971.

D) A MAP TITLED "SUBDIVISION PREPARED FOR RADIO CIRCLE BUSINESS PARK, INC." PREPARED BY H. STANLEY JOHNSON AND COMPANY LAST DATED JULY 28, 1988 AND FILED IN THE WESTCHESTER COUNTY CLERK'S OFFICE AS MAP NO. 23573.

5) VERTICAL DATUM IS REFERENCED TO NAVD 1988 OBTAINED BY GPS METHODS.

6) UNDERGROUND UTILITIES ARE NOT SHOWN. THE LOCATION OR COMPLETENESS OF UNDERGROUND INFORMATION CANNOT BE GUARANTEED. VERIFY THE ACTUAL LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION OR CONSTRUCTION.

7) THE LOCATION OF SW-1, SW-2, SW-3 AND SW-4 ARE BASED UPON GPS OBSERVATIONS PROVIDED TO JOHN MEYER CONSULTING, PC BY OTHERS AND SHOULD BE CONSIDERED APPROXIMATE.

8) THE LOCATION OF THE KISCO RIVER IS BASED ON A FIELD SURVEY AND IN PART BY NYS GIS AERIAL PHOTOGRAPHY FROM 2009.

9) UNAUTHORIZED ALTERATION OR ADDITION TO A MAP BEARING THE SEAL OF A PROFESSIONAL ENGINEER OR A LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PER SECTION 7209, SUB-DIVISION 2.

10) ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY, MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES. UNAUTHORIZED REPRODUCTION OF THIS MAP IS A VIOLATION APPLICABLE LAWS.

TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

THOMAS M. SCHMIDT NY LIC. NO. 50221

08/29/2012

DATE

NO.	REVISION	DATE	BY
1.	ADDED ELEVATIONS	08/29/2012	JA

Previous Editions Obsolete

APPLICANT:

CARLIN-SIMPSON & ASSOCIATES
61 MAIN STREET
SAYREVILLE, NEW JERSEY 08872

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JOHN MEYER CONSULTING, PC
120 Bedford Road
Armonk, NY 10504
voice 914.273.5225 · fax 914.273.2102
www.johnmeyerconsulting.com

SURVEY OF PROPERTY

LOT 2 FILED MAP NO. 28290

2 MORGAN DRIVE
TOWN OF MOUNT KISCO, WESTCHESTER COUNTY, NEW YORK

DRAWN: JA	APPROVED: TS	
SCALE: 1" = 30'		
DATE: 08/22/2012		
PROJ. NO: 12066-S		
CONTROL.dwg	SU-1.tab	N/A
DRAWING NO: SU-1		

GENERAL NOTES:

1. GENERAL LAYOUT WAS OBTAINED FROM A DRAWING PREPARED BY H. STANLEY JOHNSON AND COMPANY LAND SURVEYORS, P.C., ENTITLED "FINAL PLAT AND LOT LINE CHANGE PREPARED FOR CREME DE LA CREME (MT. KISCO), INC. AND SANCTUARY VENTURES, LLC", DATED OCTOBER 2003, ORIGINAL SCALE: 1"=60'.
2. FACILITY COMPONENT LOCATIONS ARE APPROXIMATE.

LAND OF THE VILLAGE AND TOWN OF MOUNT KISCO
APPROXIMATE LOCATION OF EXISTING 12" VTP SANITARY SEWER MAIN
EXISTING SMH
EXISTING VALVE BOX
BRIDGE
TRAVELLED
GUARD RAIL
KISCO
NORTH
N/F KISCO RADIO CIRCLE ASSOCIATES, LLC
CIRCLE
N/F SAUL KATZ
PROPERTY LINE
SITE PROPERTY LINE
CHLORINATING WELL (PRE-1924)
FILTER BED 7 (4)
FORCE MAIN
PUMP HOUSE AND EFFLUENT DETENTION (BUILT 1937)
CHLORINE PLANT (1924-1963?)
FILTER BED 8 (D)
SPOIL AREA
CHLORINATING BLDG. (~1920-1924)
FILTER BED 2
FILTER BED 3
FILTER BED 4 (B)
SLUDGE BED 1 (~1907-1920)
FILTER BED 5 (C)
SLUDGE BED 2 (~1907-1920)
FILTER BED 6 (A)
STORM WATER EASEMENT
PORTION OF EXISTING SANITARY SEWER EASEMENT TO BE ABANDONED
RELOCATED 30' WIDE SANITARY SEWER EASEMENT
EXISTING DRAINAGE EASEMENT
WOODED WET AREA
POND-2
AREA = 4.060 ACRES
AREA = 5.716 ACRES
S40°11'43"E
N79°14'27"E
S85°11'43"E
N49°48'17"E
S49°48'17"W
N40°11'43"W
MORGAN DRIVE
EXISTING 8" SANITARY SEWER MAIN
APPROX. LOC. EX. 8" CIP WATER MAIN
PROPOSED 2" WATER SERV.
PORTION OF EXISTING DRAINAGE EASEMENT
N/F UNITED STATES POSTAL SERVICE
N/F FRITO-LAY, INC.
"RE-SUBDIVISION OF LOT NO.1 PREPARED FOR RADIO CIRCLE BUSINESS PARK, INC." FILED FEBRUARY 8, 1990 AS MAP NO. 24079
H. STANLEY JOHNSON AND COMPANY
LAND SURVEYORS, P.C.
42 SMITH AVENUE P.O. BOX 93
MT. KISCO, N.Y. 10549
TEL. 914-241-3872
FAX. 914-241-0438

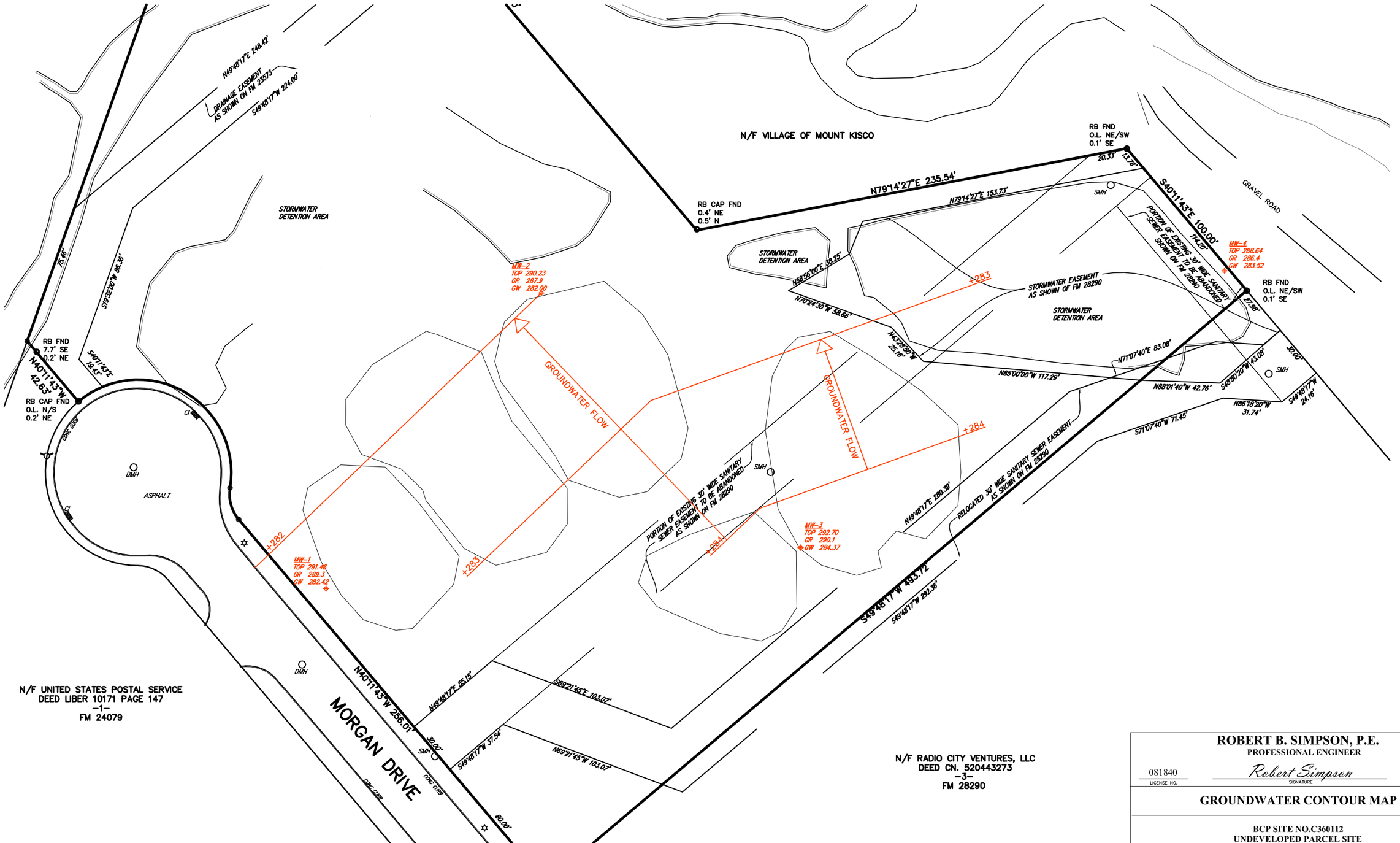
ROBERT B. SIMPSON, P.E.
PROFESSIONAL ENGINEER

LICENSE NO.	SIGNATURE	DATE
081840	Robert Simpson	12/3/12

SITE SURVEY WITH FORMER FACILITY COMPONENTS

BCP SITE NO.C360112
UNDEVELOPED PARCEL SITE
MT. KISCO, NEW YORK

DRAWN	SCALE	
MRA	1" = 40'	CARLIN-SIMPSON AND ASSOCIATES 61 Main Street Sayreville, NJ 08872
CHECKED: RBS	DATE: 3 DEC 12	
PROJECT NO.: 01-109	DWG NO.: FIG -4	Consulting Geotechnical and Environmental Engineers
APPROVED		



ROBERT B. SIMPSON, P.E.
PROFESSIONAL ENGINEER

081840	*Robert Simpson*	12/3/12
LICENSE NO.	SIGNATURE	DATE

GROUNDWATER CONTOUR MAP

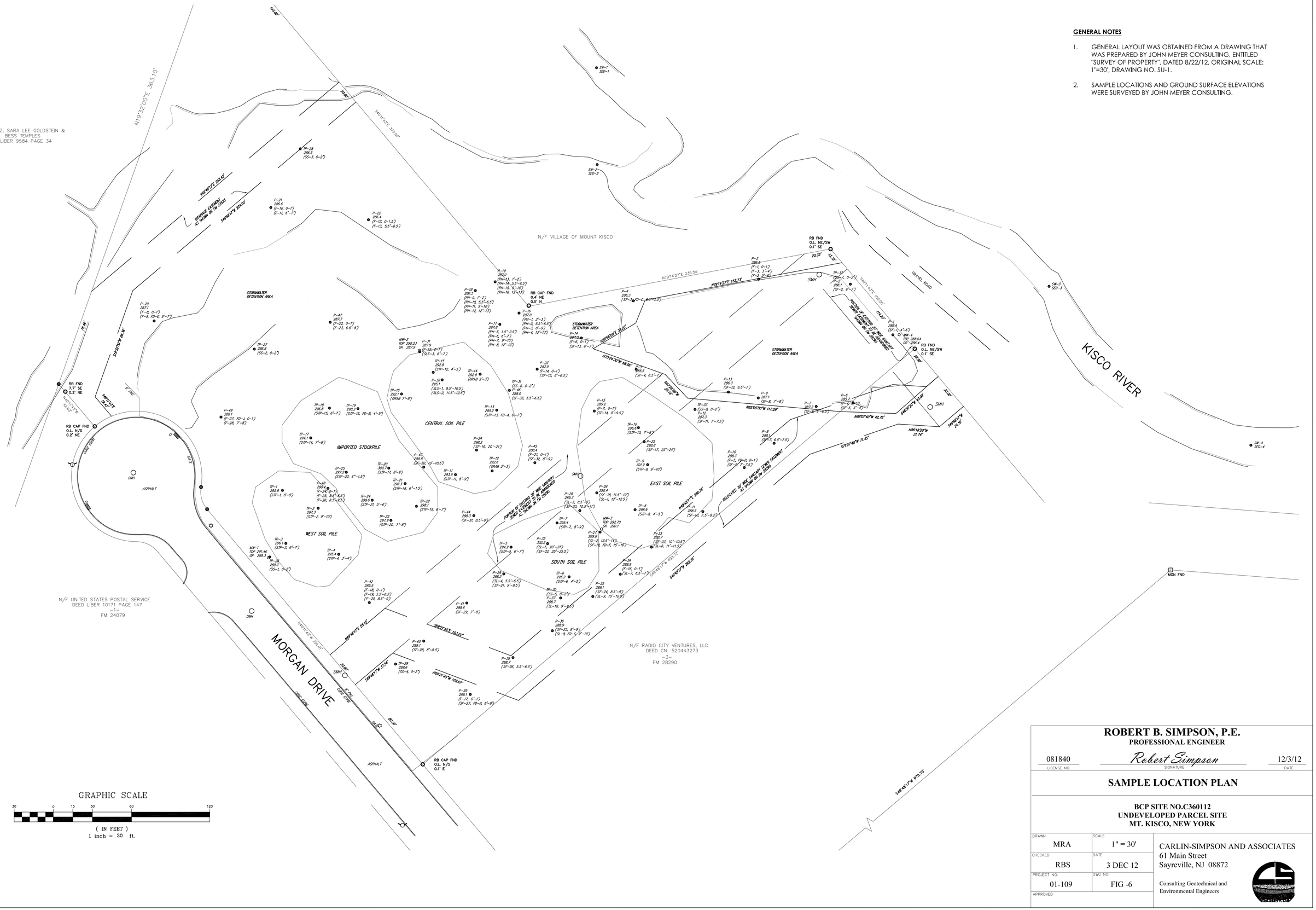
BCP SITE NO.C360112
UNDEVELOPED PARCEL SITE
MT. KISCO, NEW YORK

DRAWN	SCALE
MRA	1" = 50'
CHECKED	DATE
RBS	3 DEC 12
PROJECT NO.	DWG NO.
01-109	FIG -5
APPROVED	

CARLIN-SIMPSON AND ASSOCIATES
61 Main Street
Sayreville, NJ 08872
Consulting Geotechnical and Environmental Engineers

GENERAL NOTES

1. GENERAL LAYOUT WAS OBTAINED FROM A DRAWING THAT WAS PREPARED BY JOHN MEYER CONSULTING, ENTITLED "SURVEY OF PROPERTY", DATED 8/22/12, ORIGINAL SCALE: 1"=30', DRAWING NO. SU-1.
2. SAMPLE LOCATIONS AND GROUND SURFACE ELEVATIONS WERE SURVEYED BY JOHN MEYER CONSULTING.



GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)

1 inch = 30 ft.

ROBERT B. SIMPSON, P.E.
PROFESSIONAL ENGINEER

081840	*Robert Simpson*	12/3/12
LICENSE NO.	SIGNATURE	DATE

SAMPLE LOCATION PLAN

BCP SITE NO.C360112
UNDEVELOPED PARCEL SITE
MT. KISCO, NEW YORK

DRAWN	SCALE
MRA	1" = 30'
CHECKED	DATE
RBS	3 DEC 12
PROJECT NO.	DWG NO.
01-109	FIG -6
APPROVED	

CARLIN-SIMPSON AND ASSOCIATES
61 Main Street
Sayreville, NJ 08872
Consulting Geotechnical and Environmental Engineers

GENERAL NOTES

1. GENERAL LAYOUT WAS OBTAINED FROM A DRAWING THAT WAS PREPARED BY JOHN MEYER CONSULTING, ENTITLED "SURVEY OF PROPERTY", DATED 8/22/12, ORIGINAL SCALE: 1"=30', DRAWING NO. SU-1.
2. SAMPLE LOCATIONS AND GROUND SURFACE ELEVATIONS WERE SURVEYED BY JOHN MEYER CONSULTING.

ROBERT B. SIMPSON, P.E.
PROFESSIONAL ENGINEER

081840	Robert Simpson	12/3/12
LICENSE NO.	SIGNATURE	DATE

CONSTITUENTS THAT EXCEED COMMERCIAL USE OBJECTIVES

BCP SITE NO.C360112
UNDEVELOPED PARCEL SITE
MT. KISCO, NEW YORK

DRAWN MRA	SCALE 1" = 30'	CARLIN-SIMPSON AND ASSOCIATES 61 Main Street Sayreville, NJ 08872
CHECKED RBS	DATE 3 DEC 12	
PROJECT NO. 01-109	DWG NO. FIG -7	Consulting Geotechnical and Environmental Engineers
APPROVED		

APPENDIX A

TEST PIT LOGS AND BORING LOGS

BCP Site No. C360112
6 Morgan Drive
Mt. Kisco, New York
(01-109)

4 June 2012

TEST PIT LOGS

TP-1	Elevation +295.8		
0-5'0"	Brown medium to fine SAND, little Silt (topsoil) with pockets of roots and leaves	loose	moist
5'0"-9'0"	Gray brown SILT little, medium to fine Sand (topsoil) with several roots and limbs	loose	moist
	West Stockpile at North Side PID = 0.0-0.3 ppm Soil Sample STP-1, 8'0"-9'0" at 9:45 am		
TP-2	Elevation +297.3		
0-4'0"	Brown medium to fine SAND, little Silt (topsoil) with occasional roots	loose	moist
4'0"-10'0"	Gray brown medium to fine SAND, some (+) Silt (topsoil) with roots and leaves	loose	moist
	West Stockpile at East Side PID = 0.0-0.1 ppm Soil Sample STP-2, 9'0"-10'0" at 10:20 am		
TP-3	Elevation +296.1		
0-9'0"	Brown medium to fine SAND, little Silt (topsoil) with roots	loose	moist
	West Stockpile at West Side PID = 0.0-0.2 ppm Soil Sample STP-3, 6'0"-7'0" at 11:55 am		

BCP Site No. C360112
6 Morgan Drive
Mt. Kisco, New York
(01-109)

4 June 2012

TEST PIT LOGS

TP-4	Elevation +295.4		
0-4'0"	Brown medium to fine SAND, little Silt (topsoil) with occasional roots	loose	moist
4'0"-9'0"	Gray brown medium to fine SAND, some (+) Silt (topsoil) with roots	loose	moist
	West Stockpile at South Side PID = 0.0 ppm Soil Sample STP-4, 3'0"-4'0" at 12:30 pm Composite Soil Sample STP-C1 at 12:40 pm		
TP-5	Elevation +294.2		
0-4'0"	Brown coarse to fine SAND, little (+) Silt (topsoil) with roots	loose	moist
4'0"-7'0"	Gray brown coarse to fine SAND, some (+) Silt (topsoil) with roots	loose	moist
	South Stockpile at West Side PID = 0.0 ppm Soil Sample STP-5, 6'0"-7'0" at 12:50 pm		
TP-6	Elevation +295.2		
0-8'0"	Brown medium to fine SAND, little Silt, with few roots	loose	moist
	South Stockpile at South Side PID = 0.0 ppm Soil Sample STP-6, 4'0"-5'0" at 1:05 pm		

BCP Site No. C360112
6 Morgan Drive
Mt. Kisco, New York
(01-109)

4 June 2012

TEST PIT LOGS

TP-7	Elevation +295.4		
0-6'6"	Brown medium to fine SAND, little (+) Silt, with few roots	loose	moist
6'6"-9'0"	Brown medium to fine SAND, and Silt, with few roots	loose	moist
	South Stockpile at North Side PID = 0.0 ppm Soil Sample STP-7, 8'0"-9'0" at 1:15 pm Composite Soil Sample STP-C2 at 1:22 pm		
TP-8	Elevation +298.9		
0-8'6"	Brown coarse to fine SAND, little (+) Silt, little coarse to fine Gravel	loose	moist
	East Stockpile at South End PID = 0.0 ppm Soil Sample STP-8, 4'0"-5'0" at 1:40 pm		
TP-9	Elevation +301.2		
0-8'0"	Brown coarse to fine SAND, some Silt, trace coarse to fine Gravel	loose	moist
8'0"-10'0"	Gray coarse to fine SAND, some (+) Silt, trace medium to fine Gravel	loose	moist
	East Stockpile at Center PID = 0.0 ppm Soil Sample STP-9, 9'0"-10'0" at 1:58 pm		

BCP Site No. C360112
6 Morgan Drive
Mt. Kisco, New York
(01-109)

4 June 2012

TEST PIT LOGS

TP-10	Elevation +296.6		
0-9'0"	Brown coarse to fine SAND, some Silt, little (-) coarse to fine Gravel	loose	moist
	East Stockpile at North End PID = 0.0 ppm Soil Sample STP-10, 7'0"-8'0" at 2:12 pm Composite Soil Sample STP-C3 at 2:20 pm		
TP-11	Elevation +293.5		
0-9'0"	Brown coarse to fine SAND, little (-) Silt, few roots	loose	moist
	Central Stockpile at Southwest Side PID = 0.0 ppm Soil Sample STP-11, 8'0"-9'0" at 2:50 pm		
TP-12	Elevation +292.6		
0-3'0"	Brown coarse to fine SAND, little Silt, with few roots	loose	moist
	Central Stockpile at South Side PID = 0.0 ppm Soil Grab Sample for Composite Only, 2'0"-3'0"		
TP-13	Elevation +295.2		
0-8'0"	Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel, with roots	loose	moist
	Central Stockpile at East Side PID = 0.0 ppm Soil Samples STP-13 and FD-A, 6'0"-7'0" at 3:03 pm Composite Soil Samples STP-C4 and FD-A at 3:05 pm		

BCP Site No. C360112
6 Morgan Drive
Mt. Kisco, New York
(01-109)

4 June 2012

TEST PIT LOGS

TP-14 Elevation +292.9

0-4'6"	Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel, with few roots	loose	moist
	Central Stockpile at Northeast Side PID = 0.0 ppm Soil Grab Sample for Composite Only, 2'0"-3'0"		

TP-15 Elevation +292.8

0-8'6"	Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel, with few roots	loose	moist
	Central Stockpile at North Side PID = 0.0 ppm Soil Samples STP-12, STP-12MS, STP-12MSD, 4'0"-5'0" at 3:12 pm		

TP-16 Elevation +292.1

0-8'0"	Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel, with few roots	loose	moist
	Central Stockpile at Northwest Side PID = 0.0 ppm Soil Grab Sample for Composite, 7'0"-8'0" Composite Soil Samples STP-C5, STP-C5MS, STP-C5MSD at 3:30 pm		

BCP Site No. C360112
6 Morgan Drive
Mt. Kisco, New York
(01-109)

5 June 2012

TEST PIT LOGS

TP-17	Elevation +294.1		
0-8'0"	Brown coarse to fine SAND, little (+) Silt, some coarse to fine Gravel, with occasional cobbles or piece of asphalt	loose	moist
	Imported Stockpile at Northwest Side PID = 0.0 ppm Soil Sample STP-14, 7'0"-8'0" at 9:20 am		
TP-18	Elevation +296.8		
0-8'6"	Brown coarse to fine SAND, little (+) Silt, some coarse to fine Gravel, with occasional cobbles or piece of asphalt	loose	moist
	Imported Stockpile at North Side PID = 0.0 ppm Soil Sample STP-15, 6'0"-7'0" at 9:36 am		
TP-19	Elevation +298.2		
0-8'0"	Brown coarse to fine SAND, little (+) Silt, some coarse to fine Gravel, with occasional cobbles or piece of asphalt	loose	moist
	Imported Stockpile at Northeast Side PID = 0.0 ppm Soil Samples STP-16 and FD-B, 4'0"-5'0" at 9:52 am Composite Soil Sample STP-C6 at 9:59 am		

BCP Site No. C360112
6 Morgan Drive
Mt. Kisco, New York
(01-109)

5 June 2012

TEST PIT LOGS

TP-20	Elevation +300.7		
0-9'6"	Brown coarse to fine SAND, little (+) Silt, some coarse to fine Gravel, with occasional cobbles or piece of asphalt	loose	moist
	Imported Stockpile at East Side PID = 0.0 ppm Soil Sample STP-17, 8'0"-9'0" at 10:15 am		
TP-21	Elevation +298.3		
0-1'6"	Brown coarse to fine SAND, little (+) Silt, some coarse to fine Gravel, with occasional cobbles or piece of asphalt	loose	moist
	Imported Stockpile at Southeast Side PID = 0.0 ppm Soil Sample STP-18, 0'6"-1'6" at 10:26 am		
TP-22	Elevation +298.1		
0-8'0"	Brown coarse to fine SAND, little (+) Silt, some coarse to fine Gravel, with occasional cobbles or piece of asphalt	loose	moist
	Imported Stockpile at South Side PID = 0.0 ppm Soil Samples STP-19, STP-19MS, STP-19MSD, 6'0"-7'0" at 10:44 am Composite Soil Sample STP-C7 at 10:50 am		

BCP Site No. C360112
6 Morgan Drive
Mt. Kisco, New York
(01-109)

5 June 2012

TEST PIT LOGS

TP-23	Elevation +297.9		
0-8'6"	Brown coarse to fine SAND, little (+) Silt, some coarse to fine Gravel, with occasional cobbles or piece of asphalt	loose	moist
	Imported Stockpile at Southwest Side PID = 0.0 ppm Soil Sample STP-20, 7'0"-8'0" at 11:25 am		
TP-24	Elevation +299.6		
0-7'6"	Brown coarse to fine SAND, little (+) Silt, some coarse to fine Gravel, with occasional cobbles or piece of asphalt	loose	moist
	Imported Stockpile at West Side PID = 0.0 ppm Soil Sample STP-21, 5'0"-6'0" at 11:32 am		
TP-25	Elevation +297.2		
0-1'6"	Brown coarse to fine SAND, little (+) Silt, some coarse to fine Gravel, with occasional cobbles or piece of asphalt	loose	moist
	Imported Stockpile at West Side PID = 0.0 ppm Soil Sample STP-22, 0'6"-1'6" at 11:45 am Composite Soil Sample STP-C8 at 11:52 am		

BCP Site No. C360112
6 Morgan Drive
Mt. Kisco, New York
(01-109)

5 June 2012

TEST PIT LOGS

TP-26 Elevation +289.3

Soil Sample SS-1, 0'0"-0'2" at 1:40 pm

TP-27 Elevation +286.8

Soil Sample SS-2, 0'0"-0'2" at 1:53 pm

TP-28 Elevation +286.5

Soil Sample SS-3, 0'0"-0'2" at 2:15 pm

TP-29 Elevation +289.6

Soil Sample SS-4, 0'0"-0'2" at 2:40 pm

TP-30 Elevation +288.7

Soil Sample SS-5, 0'0"-0'2" at 2:58 pm

TP-31 Elevation +288.0

Soil Sample SS-6, 0'0"-0'2" at 3:14 pm

TP-32 Elevation +286.1

Soil Sample SS-7, 0'0"-0'2" at 3:22 pm

TP-33 Elevation +287.3

Soil Sample SS-8, 0'0"-0'2" at 3:30 pm

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-1

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**								**SHEET NO.:**	1 of 1
Client:	**Crème de la Crème**								**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**								**ELEVATION:**	+286.4
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**	**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**			**START DATE:**	18 Jun 12
6/18/2012		**4'0"**		**DIA.**		**1.5"**			**FINISH DATE:**	18 Jun 12
				WGHT					**DRILLER:**	Erik D.
				FALL					**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, a $, t mf G)	
2		S-1			**FILL (Brown coarse to fine Sand, and Silt, trace medium to fine Gravel)**	Rec = 31" PID = 0 ppm
3					3'0"	moist
4					FILL (Gr mc S, t (-) f G)	Sample SF-1
5					same **FILL (Gray medium to coarse SAND, trace (-) fine Gravel)**	9:40 am, 4'-6' bg
6		S-2				Rec = 19" PID = 0 ppm
7					7'3"	wet
8					Gr cf G, w/pc of clay pipe **Gray coarse to fine GRAVEL, with piece of clay pipe** 8'0"	
9					Gr br cf S, l $, s cf S	
10		S-3			**Gray brown coarse to fine SAND, little Silt, some coarse to fine Sand**	Rec = 6" PID = 0 ppm
11						wet
12					12'0"	
13					**End of Boring @ 12'0"**	
14						
15						
16						
17						
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-2
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +286.1

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	18 Jun 12
6/18/2012		4'0"		DIA.		1.5"			FINISH DATE:	18 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, s $, t cf G)	
					FILL (Brown coarse to fine SAND, some Silt, trace coarse to fine Gravel)	Rec = 31"
2		S-1			2'0"	PID = 0 ppm
					FILL (Gr mc S, t f G)	moist
3						
					FILL (Gray medium to coarse SAND, trace fine Gravel)	
4						
					same	
5					5'0"	
					FILL (Gr cf G, cf S, l $, w/clay pipe) 6'0"	Rec = 29"
6		S-2			**FILL (Gray coarse to fine GRAVEL little, coarse to fine Sand, little Silt, clay pipe**	PID = 0 ppm
						wet
7					Gr br cf S, s $, l (+) cf G	
					Gray brown coarse to fine SAND, some Silt, little (+) coarse to fine Gravel 8'0"	Sample SF-2
8						10:40 am, 6'-7' bg
9					Or br cf S, s $, l (+) cf G 9'0"	
					Orange brown coarse to fine SAND, some Silt, little (+) coarse to fine Gravel	Rec = 22"
10		S-3				PID = 0 ppm
					Gr br cf S, s cf G	wet
11					**Gray brown coarse to fine Sand, some Silt, some coarse to fine Gravel**	
12					12'0"	
					End of Boring @ 12'0"	
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-3
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +286.5

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	18 Jun 12
6/18/2012		7'0"		DIA.		1.5"			FINISH DATE:	18 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l $, t cf G)	Sample F-1 11:25 am, 0-1'
2		S-1			**FILL (Brown coarse to fine SAND, little Silt, trace coare to fine Gravel)**	Rec = 12" PID = 0 ppm moist
3						
4						Sample F-3 11:43 am, 3'-4'
5						Sample F-2 11:38, 5'-6'
6		S-2			Dk gr, bk $, l cf S	
7					**Dark gray, black SILT, little coarse to fine Sand**	Rec = 36" PID = 0 ppm moist organic odor
8						
9					9'0"	
10		S-3			Br mf S, a $ **Brown medium to fine SAND, and Silt** 10'0"	Rec = 36" PID = 0 ppm wet
11					Gr, gr br cf S, s $, s cf G **Gray, gray brown coarse to fine Sand, some Silt, some coarse to fine Gravel** 11'6"	
12					Gr br cf S, s $, t cf G	
13						
14		S-4			**Gray brown coarse to fine SAND, some Silt, trace coarse to fine Gravel**	Rec = 32" PID = 0 ppm wet
15						
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-4
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +286.3

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	18 Jun 12
6/18/2012		6'0"		DIA.		1.5"			FINISH DATE:	18 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l $, t cf G)	
2		S-1			**FILL (Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel)** 2'6"	Rec = 12" PID = 0 ppm moist
3					FILL (Gr br cf S, s (+) $, l cf G)	
4					**FILL (Gray brown coarse to fine SAND, some (+) Silt, little coarse to fine Gravel)** 4'6"	
5					Gr mf S	
6		S-2			**Gray medium to fine SAND** 6'6"	Rec = 36" PID = 0 ppm moist-wet
7					Dk gr cf S, s (+) $, l cf G	
8					**Dark gray coarse to fine SAND, some (+) Silt, little coarse to fine Gravel** 9'0"	Sample SF-3, FD-C 12:25 pm, 6'6"-7'6"
9						
10		S-3			Gr br, br cf G s (+), cf S, l $	
11					**Gray brown, brown coarse to fine GRAVEL some (+), coarse to fine Sand, little Silt**	Rec = 32" PID = 0 ppm wet
12					12'6"	
13					Gr br cf S, a $, t cf G	
14		S-4			**Gray brown coarse to fine SAND, and Silt, trace coarse to fine Gravel**	Rec = 38" PID = 0 ppm wet
15						
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-5
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		SHEET NO.: 1 of 1
Client: Crème de la Crème		JOB NUMBER: 01-109
Drilling Contractor: General Borings, Inc.		ELEVATION: +285.5

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE: 18 Jun 12
6/18/2012		5'0"		DIA.		1.5"			FINISH DATE: 18 Jun 12
				WGHT					DRILLER: Erik D.
				FALL					INSPECTOR: MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l (+) $, t cf G)	
2		S-1			**FILL (Brown coarse to fine SAND, little (+) Silt, trace coarse to fine Gravel)**	Rec = 8" PID = 0 ppm moist
3						
4					4'0"	
5					Gr mf S **Gray medium to fine SAND**	
6		S-2			6'0"	Rec = 40"
7					**Gray coarse to fine Gravel** 6'6" Gr $ s, cf S, t mf G, w/organic $ lenses	PID = 0 ppm wet
8						Sample SF-4 1:10 pm, 6'6"-7'0"
9					**Gray SILT some, coarse to fine Sand, trace medium to fine Gravel, with organic Silt lenses**	
10		S-3				Rec = 42" PID = 0 ppm
11					11'0"	wet
12					Gr br cf G s (+), cf S, l (+) $ **Gray brown coarse to fine GRAVEL some (+), coarse to fine Sand, little (+) Silt** 12'6"	
13						
14		S-4			Gr br S and $, l cf G	Rec = 42" PID = 0 ppm
15					**Gray brown Sand and Silt, little coarse to fine Gravel**	wet
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-6

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**								**SHEET NO.:**	1 of 1
Client:	**Crème de la Crème**								**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**								**ELEVATION:**	+285.7
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**	**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**			**START DATE:**	18 Jun 12
6/18/2012		**3'6"**		**DIA.**		**1.5"**			**FINISH DATE:**	18 Jun 12
				WGHT					**DRILLER:**	Erik D.
				FALL					**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1						Sample F-1 2:15 pm, 0-1'
2		S-1			**FILL (Brown coarse to fine SAND, some (+) Silt, trace coarse to fine Gravel)**	No recovery
3						
4						Sample SF-5 2:25 pm, 3'-4'
5					5'0"	
6		S-2			Gr br mf S, a $ **Gray brown medium to fine SAND, and Silt**	Rec = 48" PID = 0 ppm
7					7'0"	wet
8					Br cf S, a $, l (+) cf G	
9					**Brown coarse to fine Sand, and Silt, little (+) coarse to fine Gravel**	
10		S-3				Rec = 24" PID = 0 ppm
11					11'0"	wet
12					Gr br mf S, a $ **Gray brown medium to fine SAND, and Silt** 12'0"	
13					**End of Boring @ 12'0"**	
14						
15						
16						
17						
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-7

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**	**SHEET NO.:**	1 of 1
Client:	**Crème de la Crème**	**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**	**ELEVATION:**	+287.2
GROUNDWATER		**DATUM:**	
START DATE:	18 Jun 12		
FINISH DATE:	18 Jun 12		
DRILLER:	Erik D.		
INSPECTOR:	MRA		

DATE	TIME	DEPTH	CASING
6/18/2012		3'0"	

	CASING	SAMPLE	CORE	TUBE
TYPE		Geoprobe		
DIA.		1.5"		
WGHT				
FALL				

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Gr br cf S, s $, t (+) cf G)	
2		S-1			**FILL (Gray brown coarse to fine SAND, some Silt, trace (+) coarse to fine Gravel)**	Rec = 32"
3						PID = 0 ppm
4					3'6"	moist-wet
5					Gr mf S **Gray medium to fine SAND**	
6		S-2			5'6" **Gray coarse to fine GRAVEL** 6'0"	Rec = 36" PID = 0 ppm
7					Gr br cf S, a $, t cf G	wet
8					**Orange brown, gray brown coarse to fine SAND, and Silt, trace coarse to fine Gravel**	Sample SF-6 3:00 pm, 6'0"-6'6"
9					Or br, gr br, same	
10		S-3			9'6" Dk gr br cf S, s $, s cf G	Rec = 32"
11					**Dark gray brown coarse to fine Sand, some Silt, some coarse to fine Gravel**	PID = 0 ppm wet
12					12'0"	
13					**End of Boring @ 12'0"**	
14						
15						
16						
17						
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-8

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**								**SHEET NO.:**	1 of 1
Client:	**Crème de la Crème**								**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**								**ELEVATION:**	+288.1
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**	**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**			**START DATE:**	19 Jun 12
6/19/2012		**5'0"**	**HSA**	**DIA.**		**1.5"**			**FINISH DATE:**	19 Jun 12
				WGHT					**DRILLER:**	Erik D.
				FALL					**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l $, t cf G)	
2		S-1			**FILL (Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel)**	Rec = 38" moist PID = 0 ppm
3						
4					4'0"	
5					Gr mc S, t f G	
6		S-2			**Gray medium to coarse SAND, trace fine Gravel**	Rec = 34" wet
7					6'6"	PID = 0 ppm
8					Br cf S, s (+) $, l cf G	Sample SF-7 8:50 am, 6'6"-7'6"
9					**Brown coarse to fine SAND, some (+) Silt, little coarse to fine Gravel**	
10		S-3				Rec = 37" wet
11					10'6" Br mf S, s $	PID = 0 ppm
12					**Brown medium to fine SAND, some Silt** 12'0"	
13					**End of Boring @ 12'0"**	
14						
15						
16						
17						
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-9
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +287.1

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	19 Jun 12
6/19/2012		4'0"		DIA.		1.5"			FINISH DATE:	19 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l $, t cf G)	
2		S-1			**FILL (Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel)**	Rec = 40" PID = 0 ppm moist
3						
4					4'0"	
5					Gr cm S, t f G	
6		S-2			**Gray coarse to medium SAND, trace fine Gravel**	Rec = 24" PID = 0 ppm
7					7'0"	wet
8					**Gray coarse to fine SAND, some Silt, trace fine Gravel** 8'0"	Sample SF-8, 8MS, 8MSD 9:35 am, 7'-8'
9					Br, gr br cf S, s $, t f G	
10		S-3			**Brown, gray brown coarse to fine SAND, some Silt, trace fine Gravel**	Rec = 42" PID = 0 ppm
11					11'0"	wet
12					Or br , br cf S, s $, t cf G **Orange brown, brown coarse to fine SAND, some Silt, trace coarse to fine Gravel**	
13					13'0"	
14		S-4			Br cf S, s $, s cf G	Rec = 30"
15					**Brown coarse to fine SAND, some Silt, some coarse to fine Gravel**	PID = 0 ppm wet
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-10
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		SHEET NO.: 1 of 1
Client: Crème de la Crème		JOB NUMBER: 01-109
Drilling Contractor: General Borings, Inc.		ELEVATION: +288.3

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	19 Jun 12
6/19/2012		4'6"		DIA.		1.5"			FINISH DATE:	19 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, s $, t mf G)	Sample F-5, FD-D 10:30 am, 0-1'
2		S-1			**FILL (Brown coarse to fine SAND, some Silt, trace medium to fine Gravel)**	Rec = 32" PID = 0 ppm moist
3						
4						
5					4'6" Gr cm S, t f G	
6		S-2			**Gray coarse to medium SAND, trace fine Gravel**	Rec = 36" PID = 0 ppm wet
7					7'0"	
8					Gr br, gr $ a, cf S, t cf G **Gray brown, gray SILT and, coarse to fine Sand, trace coarse to fine Gravel** 8'6"	Sample SF-9 10:45 am, 7'0"-7'6"
9					Gr br cf S, s (+) $, l cf G	
10		S-3				Rec = 32" PID = 0 ppm wet
11						
12					**Gray brown coarse to fine SAND, some (+) Silt, little coarse to fine Gravel**	
13						
14		S-4				Rec = 44" PID = 0 ppm wet
15						
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-11

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**								**SHEET NO.:**	1 of 1
Client:	**Crème de la Crème**								**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**								**ELEVATION:**	+288.5
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**	**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**			**START DATE:**	19 Jun 12
6/19/2012		**4'6"**		**DIA.**		**1.5"**			**FINISH DATE:**	19 Jun 12
				WGHT					**DRILLER:**	Erik D.
				FALL					**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l (+) $, t cf G)	
2		S-1			**FILL (Brown coarse to fine SAND, little (+) Silt, trace coarse to fine Gravel)**	Rec = 36" PID = 0 ppm moist
3						
4						
5					4'6" Gr mc S, t mf G	
6		S-2			**Gray medium to coarse SAND, trace medium to fine Gravel**	Rec = 36" PID = 0 ppm wet
7					7'0"	
8					Gr, br mc G 7'6" **Gray, brown medium to coarse GRAVEL**	Sample SF-10 11:58 am, 7'6"-8'2"
9					Gr br cf S, s $, t cf G	
10		S-3			**Gray brown coarse to fine SAND, some Silt, trace coarse to fine Gravel**	Rec = 40" PID = 0 ppm wet
11						
12					11'6" Br $, l mf S	
13					**Brown, gray brown SILT little, coarse to fine Sand, trace medium to fine Gravel**	
14		S-4				Rec = 24"
15					Br, gr br $ l, cf S, t mf G	PID = 0 ppm wet
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-12
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +287.3

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	19 Jun 12
6/19/2012		4'6"		DIA.		1.5"			FINISH DATE:	19 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l $, t cf G)	
2		S-1			**FILL (Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel)**	Rec = 36"
3						PID = 0 ppm
4					3'6"	moist
5					Gr mc S, t mf G	
6		S-2			**Gray medium to coarse SAND, trace medium to fine Gravel**	Rec = 40"
7						PID = 0 ppm
8					**Gray, brown medium to fine GRAVEL** 7'0"	wet
9					**Gray brown coarse to fine SAND, some Silt, little coarse to fine Gravel** 8'0"	Sample SF-11
10		S-3			**Black Organic SILT** 8'6"	12:45 pm, 7'0"-7'6"
11					Gr $, l mf S	
12					**Gray SILT, little medium to fine Sand** 10'6"	Rec = 44"
13					Gr br cf S, s (+) $, t cf G	PID = 0 ppm
14					**Gray brown coarse to fine SAND, some (+) Silt, trace coarse to fine Gravel** 12'0"	wet
15					**End of Boring @ 12'0"**	
16						
17						
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-13
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +286.3

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	19 Jun 12
6/19/2012		4'0"		DIA.		1.5"			FINISH DATE:	19 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, s $, t cf G)	
2		S-1			**FILL (Brown coarse to fine SAND, some Silt, trace coarse to fine Gravel)**	Rec = 30"
3					3'0"	PID = 0 ppm moist-wet
4					Gr mc S, t f G	
5					**Gray medium to coarse SAND, trace fine Gravel**	
6		S-2			same	Rec = 24"
7					7'0"	PID = 0 ppm wet
8					Gr br cf S, s (+) $, t cf G	Sample SF-12
9					**Gray brown coarse to fine SAND, some (+) Silt, trace coarse to fine Gravel**	1:40 pm, 6'6"-7'0"
10		S-3				No recovery
11						pushed cobbles or gravel
12					12'0"	
13					**End of Boring @ 12'0"**	
14						
15						
16						
17						
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-14
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +287.0

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	19 Jun 12
6/19/2012		3'0"		DIA.		1.5"			FINISH DATE:	19 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l $, t f G)	Sample F-6, 6MS, 6MSD 2:25 pm, 0-1'
2		S-1			**FILL (Brown coarse to fine SAND, little Silt, trace fine Gravel)**	Rec = 40"
3						PID = 0 ppm
4					3'6"	moist-wet
5					Gr cm S, t f G	
6		S-2			**Gray coarse to medium SAND, trace fine Gravel**	Rec = 38"
7					6'0"	PID = 0 ppm
8					Gr mf S, a $	wet
9					**Gray medium to fine SAND, and Silt**	
10		S-3			7'6"	Sample SF-13 2:40 pm, 6'0"-7'0"
11					Bk O $	
12					**Black Organic SILT**	Rec = 12"
13					10'0"	PID = 0 ppm
14					Gr mf S, a $	wet
15					**Gray medium to fine SAND, and Silt**	
16					12'0"	
17					**End of Boring @ 12'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-15
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +289.2

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	19 Jun 12
6/19/2012		5'6"		DIA.		1.5"			FINISH DATE:	19 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l (+) $, t mf G)	Sample F-7 3:30 pm, 0-1'
2		S-1				Rec = 38"
3					**FILL (Brown coarse to fine SAND, little (+) Silt, trace medium to fine Gravel)**	PID = 0 ppm moist
4						
5						
6		S-2			6'0"	Rec = 36"
7					FILL (Gr cf s, s (+) $, l cf G) **FILL (Gray coarse to fine SAND, some (+) Silt, little coarse to fine Gravel)** 7'0"	PID = 0 ppm wet
8					Gr mf S	
9					**Gray medium to fine SAND** 9'0"	Sample SF-14 3:37 pm, 9'0"-9'6"
10		S-3			Gr br, br cf S, s (+) $, l cf G **Gray brown, brown coarse to fine SAND, some (+) Silt, little coarse to fine Gravel**	Rec = 36"
11					11'6"	PID = 0 ppm wet
12					Gr cf S, s (+) $, l cf G	
13					same **Gray coarse to fine SAND, some (+) Silt, little coarse to fine Gravel** 13'6"	
14		S-4			Bk O $	Rec = 26"
15					**Black Organic SILT** 14'6"	PID = 0 ppm wet
16					Gr br cf S, a $, t mf G **Gray brown coarse to fine SAND, and Silt, trace medium to fine Gravel** 16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-16
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +287.0

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	20 Jun 12
6/20/2012		6'6"		DIA.		1.5"			FINISH DATE:	20 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l $, t f G	Rec = 38"
2		S-1			**FILL (Brown coarse to fine SAND, little Silt, trace fine Gravel)**	PID = 0 ppm moist
3						Sample PH-1 9:25 am, 2'0"-3'0"
4					4'6"	Sample PH-2
5					Gr br cf S, s $, t cf G	9:29 am, 5'6"-6'6"
6		S-2			**Gray brown coarse to fine SAND, some Silt, trace coarse to fine Gravel**	Rec = 37"
7						PID = 0 ppm moist-wet
8					8'0"	
9					Dk gr, bk O $, t cf S	Sample PH-3 9:32 am, 8'0"-9'0"
10		S-3			**Dark gray, gray Organic Silt, trace coarse to fine Sand**	Rec = 38"
11					10'6" Gr br $ a, mf S	PID = 0 ppm wet
12					**Gray brown SILT and, medium to fine Sand**	
13					12'6" Gr br cf S, s (+) $, t (-) f G	Sample PH-4 9:34 am, 12'0"-13'0"
14		S-4			**Orange, gray brown coarse to fine SAND, some (+) Silt, trace (-) fine Gravel, with Silt lenses**	Rec = 40"
15					Or same, w/$ lenses	PID = 0 ppm wet
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-17
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +287.8

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	20 Jun 12
6/20/2012		6'6"		DIA.		1.5"			FINISH DATE:	20 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l $, t (-) f G)	Rec = 40"
						PID = 0 ppm
2		S-1				moist
3					**FILL (Brown coarse to fine SAND, little Silt, trace (-) fine Gravel, with wood)**	Sample PH-5
4						10:10 am, 1'6"-2'6"
5					same	Rec = 42"
6		S-2			same, w/wood 5'6"	PID = 0 ppm
7					Br cf S, l $, t cf G	moist-wet
8					**Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel**	Sample PH-6
9					Gr br, same 9'0"	10:14 am, 6'0"-7'0"
10		S-3			Bk O $	Sample PH-7
11					**Black Organic SILT** 11'0"	10:16 am, 9'0"-10'0"
12					Br $ l, mf S	Rec = 42"
13					**Brown SILT little, medium to fine Sand** 13'6"	PID = 0 ppm
14		S-4			Gr mf S, a $	wet
15					**Gray medium to fine SAND, and Silt**	Sample PH-8
16					16'0"	10:18 am, 12'0"-13'0"
17					**End of Boring @ 16'0"**	Rec = 36"
18						PID = 0 ppm
19						wet
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-18

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**								**SHEET NO.:**	1 of 1
Client:	**Crème de la Crème**								**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**								**ELEVATION:**	+286.5
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**	**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**			**START DATE:**	20 Jun 12
6/20/2012		**6'0"**		**DIA.**		**1.5"**			**FINISH DATE:**	20 Jun 12
				WGHT					**DRILLER:**	Erik D.
				FALL					**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l $, t (-) f G)	Sample PH-9 11:05 am, 1'0"-2'0"
2		S-1			**FILL (Brown coarse to fine SAND, little Silt, trace (-) fine Gravel)**	Rec = 33" PID = 0 ppm moist
3						
4					4'0"	
5					FILL (Br, gr br cf S, s $, l cf G) **FILL (Brown, gray brown coarse to fine SAND, some Silt, little coarse**	Sample PH-10 11:08 am, 5'6"-6'6"
6		S-2			**to fine Gravel)** 6'0"	Rec = 42"
7					Gr br cf S, t $, t mf G **Gray brown coarse to fine SAND, trace Silt, trace medium to fine**	PID = 0 ppm moist-wet
8					**Gravel** 7'8"	
9					Dk gr, bk O $	Sample PH-11 11:10 am, 9'0"-10'0"
10		S-3			**Dark gray, black Organic SILT** 10'0"	Rec = 40"
11					Gr mf S, a $	PID = 0 ppm wet
12					**Gray medium to fine SAND, and Silt**	
13					13'0"	Sample PH-12 11:12 am, 12'0"-13'0"
14		S-4			Gr cf S, a $, l mf G	Rec = 48"
15					**Gray coarse to fine Sand, and Silt, little medium to fine Gravel**	PID = 0 ppm wet
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-19

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**									**SHEET NO.:**	1 of 1
Client:	**Crème de la Crème**									**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**									**ELEVATION:**	+287.0
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**		**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**				**START DATE:**	20 Jun 12
6/20/2012		**6'6"**		**DIA.**		**1.5"**				**FINISH DATE:**	20 Jun 12
				WGHT						**DRILLER:**	Erik D.
				FALL						**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l $, t f G)	Sample PH-13 11:50 am, 1'0"-2'0"
2		S-1			**FILL (Brown coarse to fine SAND,**	Rec = 30"
3					**little Silt, trace fine Gravel)**	PID = 0 ppm moist
4						
5					same 5'0"	Sample PH-14 11:53 am, 5'6"-6'6"
6		S-2			Gr br cf S, l $, l cf G	Rec = 37"
7					**Gray brown coarse to fine SAND,**	PID = 0 ppm
8					**little Silt, little coarse to fine Gravel**	wet
9					9'0"	Sample PH-15 11:55 am, 9'0"-10'0"
10		S-3			Dk gr bk O $, l mf S	Rec = 36"
11					**Dark gray black Oranic SILT,**	PID = 0 ppm
12					**little medium to fine Sand** 10'6"	wet
13					Gr br cf S, s $, t cf G Dk gr same	Sample PH-16 11:57 am, 12'0"-13'0"
14		S-4			**Gray brown, gray coarse to fine SAND,**	Rec = 30"
15					**some Silt, trace coarse to fine Gravel**	PID = 0 ppm
16					14'6" Gr br, br cf S, s $, l cf G	wet
17					**Gray brown, brown coarse to fine SAND,**	
18					**some Silt, little coarse to fine Gravel** 16'0"	
19					**End of Boring @ 16'0"**	
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-20
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		SHEET NO.: 1 of 1
Client: Crème de la Crème		JOB NUMBER: 01-109
Drilling Contractor: General Borings, Inc.		ELEVATION: +287.1

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE: 20 Jun 12
6/20/2012		6'6"		DIA.		1.5"			FINISH DATE: 20 Jun 12
				WGHT					DRILLER: Erik D.
				FALL					INSPECTOR: MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION		REMARKS
1					FILL (Br cf S, l $, t (-) f G)		Sample F-8 1:10 pm, 0-1'
2		S-1			**FILL (Brown coarse to fine SAND, little Silt, trace (-) fine Gravel)**		Rec = 12" PID = 0 ppm moist
3							
4							
5						5'0"	
6		S-2			**Brown coarse to fine SAND, little Silt, little coarse to fine Gravel (possible fill)**	6'0"	Rec = 40"
7					Gr br cf S, s $, t cf G		PID = 0 ppm moist-wet
8					**Gray brown coarse to fine SAND, some Silt, trace coarse to fine Gravel**		Sample F-9, FD-E 1:14 pm, 6'-7'
9							
10		S-3					Rec = 36"
11						10'6"	PID = 0 ppm
12					Blk O $ **Black Organic SILT**	11'2"	wet
13					Gr mf S, a $ **Gray medium to fine SAND, and Silt**	12'0"	
14					**End of Boring @ 12'0"**		
15							
16							
17							
18							
19							
20							
21							
22							

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-21

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**								**SHEET NO.:**	1 of 1
Client:	**Crème de la Crème**								**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**								**ELEVATION:**	+286.6
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**	**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**			**START DATE:**	20 Jun 12
6/20/2012		**6'6"**		**DIA.**		**1.5"**			**FINISH DATE:**	20 Jun 12
				WGHT					**DRILLER:**	Erik D.
				FALL					**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l $, t f G)	Sample F-10 1:48 pm, 0-1'0"
2		S-1				Rec = 40"
3					**FILL (Brown coarse to fine SAND, little Silt, trace fine Gravel)**	PID = 0 ppm wet
4						
5					5'6"	
6		S-2			Gr br cf S, l (+) $, t (+) cf G	Rec = 32"
7					**Gray brown coarse to fine SAND, little (+) Silt, trace (+) coarse to fine Gravel** 7'0"	PID = 0 ppm moist-wet
8					**Concrete** 7'6"	
9					Gr br cf S, s (+) $, l cf G **Gray brown coarse to fine SAND, some (+) Silt, little coarse to fine Gravel** 9'0"	Sample F-11 1:52 pm, 6'-7'
10		S-3			Bk O $ **Black Organic SILT** 10'0"	Rec = 36"
11					Gr mf S, a $	PID = 0 ppm wet
12						
13					same w/occ O $ lenses	
14		S-4			**Gray medium to fine SAND, and Silt, with occassional Organic Silt lenses**	Rec = 44"
15						PID = 0 ppm wet
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-22
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +286.4

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	20 Jun 12
6/20/2012		6'0"		DIA.		1.5"			FINISH DATE:	20 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l $, t f G)	Sample F-12, 12 MS, 12 MSD 3:10 pm, 0-1'6"
2		S-1			**FILL (Brown coarse to fine SAND, little Silt, trace fine Gravel)**	Rec = 36"
3						PID = 0 ppm
4					3'6"	moist
5					Gr br cf S, l $, t cf G	Sample F-13 3:20 pm, 5'6"-6'6"
6		S-2			**Gray brown coarse to fine SAND, little Silt, trace coarse to fine Gravel**	Rec = 32"
7					6'0"	PID = 0 ppm
8					Bk O $	moist-wet
9					**Black Organic SILT**	
10		S-3			9'0"	Rec = 40"
11					Gr $, l mf S, w/occ O $ lenses	PID = 0 ppm
12					**Gray SILT, little medium to fine Sand with occasional Organic Silt lenses**	wet
13						
14		S-4			14'0"	Rec = 40"
15					Gr cf S, s $, t cf G	PID = 0 ppm
16					**Gray coarse to fine SAND, some Silt, trace coarse to fine Gravel**	wet
17					16'0"	
18					**End of Boring @ 16'0"**	
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-23

Project:	BLP Site C360112, Morgan Drive, Mt. Kisco, NY								**SHEET NO.:**	1 of 1
Client:	Crème de la Crème								**JOB NUMBER:**	01-109
Drilling Contractor:	General Borings, Inc.								**ELEVATION:**	+287.9
GROUNDWATER					CASING	SAMPLE	CORE	TUBE	**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		Geoprobe			**START DATE:**	21 Jun 12
6/21/2012		6'0"		DIA.		1.5"			**FINISH DATE:**	21 Jun 12
				WGHT					**DRILLER:**	Erik D.
				FALL					**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l $, t f G)	Sample F-14 9:03 am, 0-1'0"
2		S-1				Rec = 36"
3					**FILL (Brown coarse to fine SAND, little Silt, trace fine Gravel**	PID = 0 ppm moist
4						
5					5'0"	
6		S-2			Gr mf S **Gray medium to fine SAND** 6'0"	Rec = 40" PID = 0 ppm
7					Gr $, l mf S	wet
8					**Gray SILT, little medium to fine Sand**	Sample SF-15 9:11 am, 6'0"-6'6"
9					8'6" **Black Organic SILT** 9'0"	
10		S-3			Gr cf S, s $, l cf G	Rec = 44"
11					**Gray coarse to fine SAND, some Silt, little coarse to fine Gravel**	PID = 0 ppm wet
12					12'0"	
13					**End of Boring @ 12'0"**	
14						
15						
16						
17						
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	TEST BORING LOG	BORING NUMBER P-24

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**									**SHEET NO.:**	1 of 2
Client:	**Crème de la Crème**									**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**									**ELEVATION:**	+298.2
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**		**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**				**START DATE:**	21 Jun 12
6/21/2012		**18'0"**		**DIA.**		**1.5"**				**FINISH DATE:**	21 Jun 12
				WGHT						**DRILLER:**	Erik D.
				FALL						**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1						
2						Geoprobe pushed 12'0" through soil stockpile
3						
4						
5						
6						
7						
8						
9						
10						
11						
12					12'0"	
13					FILL (Br cf S, l $, t mf G)	
14		S-1				Rec = 14" PID = 0 ppm moist
15					**FILL (Brown coarse to fine SAND, little Silt, trace medium to fine Gravel)**	
16						
17					same	
18		S-2				Rec = 24" PID = 0 ppm wet
19						
20					20'0"	Sample SF-16 8:45 am, 20'0"-21'0"
21					**Gray coarse to fine SAND** 21'0"	
22		S-3			**Gray coarse to fine Gravel** 22'0"	

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	TEST BORING LOG	BORING NUMBER P-25
Project: BLP Site, C360112, Mt. Kisco, NY		**SHEET NO.:** 2 of 2
Client: Crème de la Crème		**JOB NUMBER:** 01-109

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
23		S-3 cont.			Dk gr cf S, s $, l cf G **Dark gray coarse to fine SAND, some Silt, little coarse to fine Gravel**	Rec = 36" PID = 0 ppm wet
24					24'0" **End of Boring @ 24'0"**	
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	TEST BORING LOG	BORING NUMBER P-25
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 2
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +298.8

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	21 Jun 12
6/21/2012		19'0"		DIA.		1.5"			FINISH DATE:	21 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1						
2						Geoprobe pushed 12'0" through soil stockpile
3						
4						
5						
6						
7						
8						
9						
10						
11						
12					12'0"	
13					FILL (Br cf S, l $, t cf G, w/few roots	
14		S-1			**FILL (Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel, with few roots)**	Rec = 28" PID = 0 ppm moist
15						
16					16'0"	
17					FILL (Br cf S, t $, t f G)	
18		S-2			**FILL (Brown coarse to fine SAND, trace Silt, trace fine Gravel)**	Rec = 38" PID = 0 ppm wet
19					19'0"	
20					FILL (Gr br cf S, l (+) $, t cf G) **FILL (Gray brown coarse to fine SAND, little (+) Silt, trace coarse to fine Gravel)**	
21					21'0"	
22		S-3			Gr cm S **Gray coarse to medium SAND**	

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	TEST BORING LOG	BORING NUMBER P-25
Project: BLP Site, C360112, Mt. Kisco, NY		**SHEET NO.:** 2 of 2
Client: Crème de la Crème		**JOB NUMBER:** 01-109

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
23		S-3 cont.			23'0"	Rec = 32"
					Gr br cf S, s $, l cf G	PID = 0 ppm
24					**Gray brown coarse to fine SAND, some Silt, little coarse to fine Gravel**	wet
25					25'0"	Sample SF-17
		S-4			Gr mf S, a $, w/o $ lenses	10:05 am, 23'-24'
26						
					Gray medium to fine SAND, and Silt, with Organic Silt lenses	Rec = 24"
27						PID = 0 ppm
						wet
28					28'0"	
					End of Boring @ 28'0"	
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-26

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**								**SHEET NO.:**	1 of 1
Client:	**Crème de la Crème**								**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**								**ELEVATION:**	+290.4
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**	**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**			**START DATE:**	21 Jun 12
6/21/2012		**7'0"**		**DIA.**		**1.5"**			**FINISH DATE:**	21 Jun 12
				WGHT					**DRILLER:**	Erik D.
				FALL					**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, l $, t f G)	
2		S-1				Rec = 30"
3						PID = 0 ppm
4					**FILL (Brown coarse to fine SAND, little Silt, trace fine Gravel)**	moist
5					same	
6		S-2				Rec = 30"
7						PID = 0 ppm
8						moist-wet
9					Gr br, same	Rec = 36"
10		S-3			9'6" Gr br cf S, t mf G	PID = 0 ppm wet
11					**Gray brown coarse to fine SAND, trace medium to fine Gravel**	Sample SF-18 10:50 am, 11'6"-12'
12					12'0" Dk gr bk o$, l cf S	slight organic odor
13					**Dark gray black organic SILT, little coarse to fine Sand** 13'0"	Sample SL-1 10:57 am, 12'0"-12'6"
14		S-4			Gr $, l mf S 14'0"	PID = 1.0 ppm
15					**Gray SILT, little medium to fine Sand** Gr br $, l mf S	Rec = 42"
16					**Gray brown SILT, little medium to fine Sand** 16'0"	PID = 0 ppm wet
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-27
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +289.8

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	21 Jun 12
6/21/2012		6'0"		DIA.		1.5"			FINISH DATE:	21 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br, gr br cf S, t $, t f G)	
2		S-1				Rec = 20"
3					**FILL (Brown, gray brown coarse to fine SAND, trace Silt, trace fine Gravel)**	PID = 0 ppm moist
4						
5						
6		S-2				Rec = 40"
7						PID = 0 ppm wet
8					8'0"	
9					Gr cf S, t (+) $	
10		S-3			**Gray coarse to fine SAND, trace (+) Silt**	Rec = 24"
11						PID = 0 ppm wet
12						Sample SL-2
13						11:56 am, 13'6"-14'0" PID = 6.5 ppm
14		S-4			same, l $ 14'0"	Rec = 48"
15					Gr mc S **Gray medium coarse SAND** 15'0"	wet
16					Gr br cf S, a $, t cf G **Gray brown coarse to fine Sand, and Silt, trace coarse to fine Gravel** 16'0"	Sample SF-19, FD-F 12:05 pm, 15'-16' PID = 0ppm
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-28
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +289.3

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	21 Jun 12
6/21/2012		7'0"		DIA.		1.5"			FINISH DATE:	21 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Gr br cf S, l $, l cf G,w/few roots)	
					FILL (Gray brown coarse to fine SAND, little Silt, little coarse to fine Gravel, with few roots) 1'0"	
2		S-1				Rec = 36"
3					FILL (Br, gr br cf S, l $)	PID = 0 ppm moist
4						
5					FILL (Gr br, same)	
6		S-2			**FILL (Brown, gray brown coarse to fine SAND, little Silt)**	Rec = 36" PID = 0 ppm
7					7'0"	moist-wet
8					Gr cf S **Gray coarse to fine SAND**	Sample SL-3
9					8'6" **Dark gray, black organic SILT little, coarse to fine Sand** 9'0"	1:03 pm, 8'5"-9'0" PID = 1.3 ppm
10		S-3				Rec = 44"
11					**Dark gray coarse to fine SAND, trace Silt** 11'0"	wet
12					**Gray coarse to fine GRAVEL little, coarse to fine Sand, trace Silt** 12'0"	Sample SF-20 1:10 pm, 10'5"-11'0"
13					**Gray coarse to fine SAND, trace Silt** 13'0"	PID = 0.3 ppm
14		S-4			Gr br cf S, a $, t cf G	Rec = 24"
15					**Gray brown coare to fine SAND, and Silt, trace coarse to fine Gravel**	wet
16					16'0"	
					End of Boring @ 16'0"	
17						
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-29

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**									**SHEET NO.:**	1 of 1
Client:	**Crème de la Crème**									**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**									**ELEVATION:**	+288.2
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**		**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**				**START DATE:**	21 Jun 12
6/21/2012		**6'0"**		**DIA.**		**1.5"**				**FINISH DATE:**	21 Jun 12
				WGHT						**DRILLER:**	Erik D.
				FALL						**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, t $, t mf G)	
2		S-1			**FILL (Brown, gray brown coarse to fine SAND, trace Silt, trace medium to fine Gravel)**	Rec = 36" PID = 0 ppm moist
3						
4						
5					FILL (Gr br, same) 5'0"	Sample SL-4 2:15 pm, 5'6"-6'6"
6		S-2			Gr br cf S, s $, t cf G **Gray brown coarse to fine SAND, some Silt, trace coarse to fine Gravel** 6'0"	Rec = 32" PID = 0 ppm
7					Gr cf S, t mf G	moist-wet
8					**Gray coarse to fine SAND, trace medium to fine Gravel**	
9					9'0"	Sample SF-21 2:05 pm, 9'0"-9'6"
10		S-3			Gr br cf S, s $, t cf G **Gray brown coarse to fine SAND, some Silt, trace coarse to fine Gravel**	Rec = 12"
11					11'0"	PID = 0 ppm wet
12					Gr br cf S, s $, s cf G **Gray brown coarse to fine Sand, some Silt, some coarse to fine Gravel** 12'0"	
13					Gr br f S, a $	
14		S-4			**Gray brown fine SAND, and Silt**	Rec = 34" PID = 0 ppm
15						wet
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	TEST BORING LOG	BORING NUMBER P-30
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 2
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +295.1

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	22 Jun 12
6/22/2012		11'6"		DIA.		1.5"			FINISH DATE:	22 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1						
2						Geoprobe pushed 8'0" through soil stockpile
3						
4						
5						
6						
7						
8					8'0"	
9					FILL (Br mf S, t $)	
10		S-1			**FILL (Brown medium to fine SAND, trace Silt)**	Rec = 32" PID = 0 ppm moist
11						
12					11'6" FILL (Dk gr bk $, l cf S, w/wood)	Sample SLS-1 8:50 am, 9'6"-10'6"
13					**FILL (Dark gray black SILT, little coarse to fine Sand, with wood)** 13'0"	Sample SLS-2
14		S-2			**Dark gray coarse to fine SAND, little Silt** 13'6"	9:00 am, 11'6"-12'6" PID = 1.3 ppm
15					Dk gr, $ l mf S, w/occ. o $ seams	Rec = 44" PID = 0 ppm
16						wet
17					**Dark gray SILT little, medium to fine Sand, with occassional Organic Silt seams**	
18		S-3				Rec = 12" PID = 0 ppm wet
19						
20						
21					21'0"	
22		S-4			Dk gr cf S, s $, t cf G	

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	TEST BORING LOG	BORING NUMBER P-25
Project: BLP Site, C360112, Mt. Kisco, NY		SHEET NO.: 2 of 2
Client: Crème de la Crème		JOB NUMBER: 01-109

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
23		S-4 cont.			**Dark gray coarse to fine SAND, some Silt, trace coarse to fine Gravel**	Rec = 40" PID = 0 ppm wet
24					24'0"	
					End of Boring @ 24'0"	
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-31
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +287.9

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	22 Jun 12
6/22/2012		6'6"		DIA.		1.5"			FINISH DATE:	22 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br mf S, t $)	Sample F-15 9:35 am, 0-1'
2		S-1				Rec = 40"
3					**FILL (Brown medium to fine SAND, trace Silt)**	PID = 0 ppm moist
4						
5					5'0"	
6		S-2			**FILL (Gray brown coarse to fine SAND, some Silt, trace coarse to fine Gravel, with few organics, little wood, coal)** 6'0"	Rec = 36"
7					Bk o $, w/wood, coal 7'0"	PID = 0 ppm moist-wet
8					**Black organic SILT, with wood, coal**	Sample SLS-3
9					Dk gr cf S, l $, t mf G, w/few organics **Dark gray coarse to fine SAND, little Silt, trace medium to fine Gravel, with few organics** 9'6"	9:43 am, 6'-7'
10		S-3				Rec = 44"
11					Dk gr mf S, a $, w/few organics	PID = 0 ppm wet
12						
13					**Dark gray medium to fine SAND, and Silt, with few organics**	
14		S-4			14'0"	Rec = 44"
15					Gr mf S, a $, w/O $ seams **Gray medium to fine SAND, and Silt, with Organic Silt seams**	PID = 0 ppm wet
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	TEST BORING LOG	BORING NUMBER P-32

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**									**SHEET NO.:**	1 of 2
Client:	**Crème de la Crème**									**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**									**ELEVATION:**	+302.2
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**		**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**				**START DATE:**	22 Jun 12
6/22/2012		**20'6"**		**DIA.**		**1.5"**				**FINISH DATE:**	22 Jun 12
				WGHT						**DRILLER:**	Erik D.
				FALL						**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1						
2						Geoprobe pushed 12'0" through soil stockpile
3						
4						
5						
6						
7						
8						
9						
10						
11						
12					12'0"	
13					FILL (Gr br cf S, l (+) $, l cf G, w/few organics)	
14		S-1			**FILL (Gray brown coarse to fine SAND, little (+) Silt, little coarse to fine Gravel, with few organics)**	Rec = 48" PID = 0 ppm moist
15						
16					15'6" FILL (Br mf S, l $	
17					**FILL (Brown medium to fine SAND, little Silt)**	
18		S-2				Rec = 48" PID = 0 ppm moist
19					FILL (Dk gr, gr br cf S, l $, t cf G, w/few organics)	
20					**FILL (Dark gray, gray brown coarse to fine SAND, little Silt, trace coarse to fine Gravel, with few organics)**	Sample SL-5 11:15 am, 20'0"-21'0"
21					21'0"	
22		S-3			FILL (Br mf S, l $)	

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	TEST BORING LOG	BORING NUMBER P-25
Project: BLP Site, C360112, Mt. Kisco, NY		**SHEET NO.:** 2 of 2
Client: Crème de la Crème		**JOB NUMBER:** 01-109

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
23		S-3 cont.			FILL (Br mf S, l $) **FILL (Brown medium to fine SAND, little Silt)**	Rec = 44" PID = 0 ppm
24					24'0"	wet
25					Gr mc S **Gray medium coarse SAND** 25'0"	Sample SF-22 11:05 am, 25'0"-25'6"
26		S-4			Gr br mf S, a $	
27					**Gray, brown medium to fine SAND, and Silt**	Rec = 40" PID = 0 ppm
28					28'0"	wet
29					**End of Boring @ 28'0"**	
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-33
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +288.7

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	22 Jun 12
6/22/2012		6'0"		DIA.		1.5"			FINISH DATE:	22 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br mf S, l $)	
2		S-1			**FILL (Brown medium to fine SAND, little Silt)**	Rec = 44"
3						PID = 0 ppm
4						moist
5					FILL (same)	
6		S-2			6'0"	Rec = 30"
7					FIL (Gr br mf S, a $) **FILL (Gray brown medium to fine SAND, and Silt)** 7'0"	PID = 0 ppm moist-wet
8					Gr br mc S	
9					Dk gr mc S	Rec = 48" PID = 0.5-1.1 ppm
10		S-3			**Dark gray, gray medium coarse SAND**	wet
11					11'0"	Sample SF-23
12					Bk o $ **Black organic SILT** 11'6" Gr mc S **Gray medium to coare SAND** 12'6"	11:55 am, 10'0"-10'6' PID = 0.4 ppm
13					Gr br $, s mf S	Sample SL-6 12:05 pm, 11'0"-11'6"
14		S-4			**Gray brown SILT, some medium to fine Sand**	PID = 1.1 ppm
15						Rec = 30"
16					16'0"	wet
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-34
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +288.9

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	22 Jun 12
6/22/2012		6'0"		DIA.		1.5"			FINISH DATE:	22 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
					Brown Topsoil 0'3"	Sample F-16
1					FILL (Br mf S, l $)	12:28 pm, 0-1'
2		S-1				Rec = 48"
3					**FILL (Brown medium to fine SAND, little Silt)**	PID = 0 ppm moist
4						
5					FILL (same)	Rec = 36"
6		S-2				PID = 0-0.2 ppm wet
7					6'6" Dk gr bk cf S, w/o $ 7'0"	Sample SL-7
8					**Dark gray black coarse to fine Sand, with organic Silt**	12:35 pm, 6'6"-7'0" PID = 0.2 ppm
9					Dk gr mc S	
10		S-3			**Dark gray medium to coarse SAND**	Rec = 18" PID = 0 ppm
11					11'0" Gr br $ l, mf S, w/$ seams	wet
12						
13					**Gray brown SILT little, medium to fine Sand, with Sand seams**	
14		S-4				Rec = 18" PID = 0 ppm
15						wet
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-35

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**								**SHEET NO.:**	1 of 1
Client:	**Crème de la Crème**								**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**								**ELEVATION:**	+289.1
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**	**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**			**START DATE:**	6/1222012
6/22/2012		**4'0"**		**DIA.**		**1.5"**			**FINISH DATE:**	6/1222012
				WGHT					**DRILLER:**	Erik D.
				FALL					**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
					Brown Topsoil 0'3"	
1					FILL (Br cf S, s $, t cf G)	
					FILL (Brown coarse to fine SAND,	Rec = 43"
2		**S-1**			**some Silt, trace coarse to fine Gravel)** 2'0"	PID = 0 ppm
					FILL (Br mf S, l $	wet
3						
					FILL (Brown medium to fine SAND,	
4					**little Silt**	
5						
						Rec = 39"
6		**S-2**				PID = 0 ppm
					6'6"	wet
7					Gr cm S	
					Gray coarse to medium SAND	Sample SF-24
8						1:15 pm, 8'6"-9'0"
					8'6"	PID = 0 ppm
9					Gr cf S, s $, t cf G	
					Gray coarse to fine SAND, some Silt,	Rec = 42"
10		**S-3**			**trace coarse to fine Gravel** 10'0"	wet
					Bk O $	
11					**Black organic SILT** 10'8"	Sample SL-9
					Gr mf S, a $	1:30 pm, 10'0"-10'8"
12						PID = 3.1 ppm
					Gray medium to fine SAND, and Silt	
13						
					13'6"	
14		**S-4**			Br $ l, cf S, t cf G	Rec = 32"
						PID = 0 ppm
15					**Brown SILT little, coarse to fine**	wet
					Sand, trace coarse to fine Gravel	
16					16'0"	
					End of Boring @ 16'0"	
17						
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-36
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		SHEET NO.: 1 of 1
Client: Crème de la Crème		JOB NUMBER: 01-109
Drilling Contractor: General Borings, Inc.		ELEVATION: +288.9

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE: 22 Jun 12
6/22/2012		4'6"		DIA.		1.5"			FINISH DATE: 22 Jun 12
				WGHT					DRILLER: Erik D.
				FALL					INSPECTOR: MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br cf S, s $, l cf G)	
					FILL (Brown coarse to fine SAND, some Silt, little coarse to fine Gravel)	
2		S-1			2'0"	Rec = 36"
					FILL (Br mf S, l $)	PID = 0 ppm
3						moist
4					**FILL (Brown medium to fine SAND, little Silt)**	
5						
						Rec = 30"
6		S-2			6'0"	PID = 0 ppm
					Gr cm S	wet
7						
					Gray coarse to medium SAND	Sample SF-25, 25MS, 25MSD
8						2:35 pm, 8'0"-9'0"
						PID = 0.5 ppm
9					9'0"	
					Gr $, l mf S, w/O $ lenses	Sample SL-8, 8MS, 8MSD
10		S-3				Sample FD-G
						2:50 pm, 9'0"-10'0"
11					**Gray SILT, little medium to fine Sand, with organic Silt lenses**	PID = 0.5 ppm
12						Rec = 36"
						wet
13					13'0"	
					Br $, l cf S, t cf G	
14		S-4				Rec = 24"
					Brown SILT little, coarse to fine Sand, trace coarse to fine Gravel	PID = 0 ppm
15						wet
16					16'0"	
					End of Boring @ 16'0"	
17						
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-37
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +288.7

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	25 Jun 12
6/25/2012		6'0"		DIA.		1.5"			FINISH DATE:	25 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br mf S, l $)	
2		S-1			**FILL (Brown, gray brown medium to fine Sand, little Silt)**	Rec = 48" PID = 0 ppm moist
3						
4						
5					FILL (Gr br mf S, l $)	
6		S-2				Rec = 36" PID = 0 ppm wet
7					6'6" Gr cm S	
8					**Gray coarse to medium SAND**	
9					9'0"	Sample SL-10 8:35 am, 9'0"-9'6"
10		S-3			Gr cf S, s $, t mf G, w/organics	Rec = 8" PID = 0.1 ppm wet
11					**Gray coarse to fine SAND, some Silt, trace medium to fine Gravel, with organics**	
12						
13						
14		S-4			13'6" Gr br $ s, mf S	Rec = 32" PID = 0 ppm wet
15					**Gray brown SILT some, medium to fine Sand**	
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-38
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		SHEET NO.: 1 of 1
Client: Crème de la Crème		JOB NUMBER: 01-109
Drilling Contractor: General Borings, Inc.		ELEVATION: +288.7

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	25 Jun 12
6/25/2012		6'0"		DIA.		1.5"			FINISH DATE:	25 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br mf S, l $)	
2		S-1			**FILL (Brown medium to fine SAND little Silt)**	Rec = 40" PID = 0 ppm moist
3						
4						
5						Sample SF-26 9:55 am, 5'6"-6'6"
6		S-2			5'6" Gr br $ s, cf S, t cf G	Rec = 36" PID = 0 ppm wet
7					**Gray brown SILT some, coarse to fine Sand, trace coarse to fine Gravel**	
8						
9						
10		S-3				Rec = 42" PID = 0 ppm wet
11					10"6" Br cf S, l $, t cf G, w/cobbles	
12					**Brown coarse to fine SAND, little Silt, trace coarse to fine Gravel, with cobbles** 12'6"	
13					Br $, l mf S	
14		S-4			**Brown SILT, little medium to fine Sand**	Rec = 24" PID = 0 ppm wet
15						
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-39
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +289.1

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	25 Jun 12
6/25/2012		5'6"		DIA.		1.5"			FINISH DATE:	25 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br mf S, l $)	Sample F-17
						10:38 am, 0-1'
2		S-1			**FILL (Brown medium to fine SAND, little Silt)**	Rec = 42"
					2'6"	PID = 0 ppm
3					FILL (Gr br cf S, a $, t cf G)	moist
4					**FILL (Gray brown coarse to fine Sand, and Silt, trace coarse to fine Gravel)**	
5						
					5'6"	
6		S-2			Gr cm S, t mf G	Rec = 38"
						PID = 0 ppm
7					**Gray coarse to medium SAND, trace medium fine Gravel**	wet
8					8'0"	
					Gr $ l, cf S, l mf G	Sample SF-27, FD-H
9					**Gray SILT, little coarse to fine Sand, little medium to fine Gravel**	10:50 am, 8'-9'
10		S-3			10'0"	Rec = 46"
					Br cf S, s (+) $, l cf G	PID = 0 ppm
11					**Brown coarse to fine SAND, some (+) Silt, little coarse to fine Gravel**	wet
12					11'6"	
					Br mf S, a $	
13					same	
					Brown medium to fine SAND, and Silt	
14		S-4				Rec = 28"
15						PID = 0 ppm
						wet
16					16'0"	
					End of Boring @ 16'0"	
17						
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-40
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		SHEET NO.: 1 of 1
Client: Crème de la Crème		JOB NUMBER: 01-109
Drilling Contractor: General Borings, Inc.		ELEVATION: +289.1

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE: 25 Jun 12
6/25/2012		5'6"		DIA.		1.5"			FINISH DATE: 25 Jun 12
				WGHT					DRILLER: Erik D.
				FALL					INSPECTOR: MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br mf S, l $)	
2		S-1			**FILL (Brown medium to fine SAND, little Silt)**	Rec = 44"
3						PID = 0 ppm
4						moist
5					same	
6		S-2			5'6" Gr cm S, t (-) $, t (-) f G	Rec = 20"
7					**Gray coarse to medium SAND, trace (-) Silt, trace (-) fine Gravel**	PID = 0 ppm wet
8					8'0"	
9					FILL (Gr br cf S, s (+) $, l (-) cf G) **FILL (Gray brown coarse to fine SAND, some (+) Silt, little (-) coarse to fine Gravel**	Sample SF-28 11:30 am, 8'0"-8'6"
10		S-3			10'0"	Rec = 38"
11					Dk gr br O $, t mf S **Dark gray brown organic SILT, trace medium to fine Sand** 11'0"	PID = 0 ppm wet
12					Gr mf S, a $ **Gray medium to fine SAND, and Silt** 12'6"	
13					Br, gr br cf S, l (+) $, l cf G	
14		S-4			**Brown, gray brown coarse to fine SAND, little (+) Silt, little coarse to fine Gravel**	Rec = 42"
15						PID = 0 ppm wet
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-41
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		SHEET NO.: 1 of 1
Client: Crème de la Crème		JOB NUMBER: 01-109
Drilling Contractor: General Borings, Inc.		ELEVATION: +288.6

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE: 25 Jun 12
6/25/2012		5'6"		DIA.		1.5"			FINISH DATE: 25 Jun 12
				WGHT					DRILLER: Erik D.
				FALL					INSPECTOR: MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br mf S, l $)	
2		S-1			**FILL (Brown medium to fine SAND, little Silt)**	Rec = 36"
3						PID = 0 ppm
4						moist
5					same	
6		S-2			6'0"	Rec = 36" PID = 0 ppm wet
7					Gr cm S **Gray coarse to medium SAND** 7'0"	
8					Gr br cf S, l (+) S, t cf G **Gray brown coarse to fine SAND, little (+) Silt, trace coarse to fine Gravel**	Sample SF-29, 29MS, 29MSD 12:04 pm, 7'-8'
9					9'0"	
10		S-3			Gr br O $, t mf S 9'6" **Gray brown organic SILT, trace medium to fine Sand**	Rec = 44"
11						PID = 0 ppm
12					Gr, gr br mf S, s $	wet
13					**Gray brown medium to fine SAND, some Silt** 13'6"	
14		S-4			**Gray brown coarse to fine SAND, little (+) Silt, trace coarse to fine Gravel**	Rec = 44"
15					15'0"	PID = 0 ppm wet
16					**Gray brown medium to fine SAND, and Silt** 16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-42
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +289.5

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	25 Jun 12
6/25/2012		6'0"		DIA.		1.5"			FINISH DATE:	25 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br mf S, l $)	Sample F-18
						12:50 pm, 0-1'
2		S-1			**FILL (Brown medium to fine**	
					SAND, little Silt)	Rec = 38"
3						PID = 0 ppm
						moist
4					3'6"	
					FILL (Gr br cf S, t $, l cf G)	
5						Rec = 40"
					FILL (Gray brown coarse to fine SAND,	wet
6		S-2			**trace Silt, little coarse to fine Gravel**	septic odor
					6'0"	PID = 6.9 ppm
7					FILL (Bk cf S, l $, l (-) cf G)	
						Sample F-19
8					**FILL (Black coarse to fine SAND, little**	12:55 pm, 5'6"-6'6"
					Silt, little (-) coarse to fine Gravel	
9					8'6"	Sample F-20
					Black Organic SILT 9'0"	1:00 pm, 8'6"-9'0"
10		S-3			Gr $ l, cf S, t mf G	
					Gray SILT little, coarwe to fine	Rec = 48"
11					**SAND, trace medium to fine Gravel**	wet
					11'0"	organic odor
12					Gr br cf S, l (+) $, l cf G	PID = 33.8 ppm
					Gray brown coarse to fine SAND, little (12'0"	
13					**Silt, little coarse to fine Gravel**	
					End of Boring @ 12'0"	
14						
15						
16						
17						
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-43

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**								**SHEET NO.:**	1 of 1
Client:	**Crème de la Crème**								**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**								**ELEVATION:**	+289.8
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**	**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**			**START DATE:**	25 Jun 12
6/25/2012		**6'0"**		**DIA.**		**1.5"**			**FINISH DATE:**	25 Jun 12
				WGHT					**DRILLER:**	Erik D.
				FALL					**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Gr br cf S, l (+) $, l cf G)	
					FILL (Gray brown coarse to fine SAND, little (+) Silt, little coarse to fine Gravel 1'0"	
2		**S-1**				Rec = 40"
3					FILL (Br mf S, l $)	PID = 0 ppm moist
4						
5					same **FILL (Brown medium to fine SAND, little Silt)**	
6		**S-2**				Rec = 42"
7						PID = 0 ppm moist
8					8'0"	
9					Gr cm S, t mf G **Gray coarse to medium SAND, trace medium to fine Gravel**	
10		**S-3**			10'0"	Rec = 36" PID = 0 ppm
11					Gr br cf S, s (+) $, l cf G	wet
12					**Gray brown coarse to fine SAND, some (+) Silt, little coarse to fine Gravel**	Sample SF-30 1:45 pm, 10'0"-10'6"
13						
14		**S-4**				Rec = 12"
15					14'6" Gr br mf S, a $	PID = 0 ppm wet
16					**Gray brown medium to fine SAND, and Silt** 16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-44

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**								**SHEET NO.:**	1 of 1
Client:	**Crème de la Crème**								**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**								**ELEVATION:**	+288.3
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**	**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**			**START DATE:**	26 Jun 12
6/26/2012		**3'6"**		**DIA.**		**1.5"**			**FINISH DATE:**	26 Jun 12
				WGHT					**DRILLER:**	Erik D.
				FALL					**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br mf S, l $)	
2		S-1				Rec = 36"
3					**FILL (Brown medium to fine SAND, little Silt)**	PID = 0 ppm moist-wet
4						
5						
6		S-2				Rec = 36" PID = 0 ppm
7					**FILL (Gray coarse to medium SAND)** 6'6"	wet
8					FILL (Gr br cf S, s (+) $, l cf G) 7'2" Gr cm S **Gray coarse to medium SAND**	
9					8'6" Gr br $ l, cf S, t mf G	Sample SF-31 8:40 am, 8'6"-9'0"
10		S-3				Rec = 38"
11					**Gray brown SILT little, coarse to fine Sand, trace medium to fine Gravel**	PID = 0 ppm wet
12						
13						
14		S-4				No recovery
15						
16					16'0" **End of Boring @ 16'0"**	
17						
18						
19						Probed with Geoprobe rods Refusal @ 26'6" on Possible Bedrock
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-45
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +288.4

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	26 Jun 12
6/26/2012		3'6"		DIA.		1.5"			FINISH DATE:	26 Jun 12
				WGHT					DRILLER:	Mike K.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br mf S, l $)	Sample F-21 9:20 am, 0-1'
2		S-1			**FILL (Brown medium to fine SAND, little Silt)**	Rec = 40" PID = 0 ppm moist
3					3'6"	
4					FILL (Gr br cf S, l (+) $, l cf G, w/wood)	
5					**FILL (Gray brown coarse to fine SAND, little (+) Silt, little coarse to fine Gravel, with wood)**	Rec = 24" PID = 0 ppm wet
6		S-2				
7						
8					8'0"	
9					Dk gr, bk O $	Sample SF-32 9:30 am, 8'-9'
10		S-3			**Dark gray, black organic SILT**	Rec = 16" PID = 4.0 wet
11					10'6"	
12					Gr br cf S, l (+) $, t cf G	
13					**Gray brown coarse to fine SAND, little (+) Silt, trace coarse to fine Gravel** 13'0"	
14		S-4			Gr br $ l, cf S, t cf G	Rec = 28" PID = 0 ppm wet
15					**Gray brown SILT little, coarse to fine Sand, trace coarse to fine Gravel**	
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-46
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		SHEET NO.: 1 of 1
Client: Crème de la Crème		JOB NUMBER: 01-109
Drilling Contractor: General Borings, Inc.		ELEVATION: +288.0

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE: 26 Jun 12
6/26/2012		6'0"		DIA.		1.5"			FINISH DATE: 26 Jun 12
				WGHT					DRILLER: Mike K
				FALL					INSPECTOR: MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br mf S, l $)	
2		S-1			**FILL (Brown medium to fine SAND, little Silt)**	Rec = 36"
3						PID = 0 ppm
4					4'0"	moist
5					FILL (Gr br cf S, l $, l cf G)	Sample SF-33 10:15 am, 5'6"-6'6"
6		S-2			**FILL (Gray brown coarse to fine SAND, little Silt, little coarse to fine Gravel)**	Rec = 40"
7					6'6" FILL (Gr br cf S, s (+) $, l cf G, w/minor wood)	PID = 0 wet
8					**FILL (Gray brown coarse to fine SAND, some (+) Siltl, little coarse to fine Gravel, with minor wood)**	
9						
10		S-3			10'0"	Rec = 44"
11					Gr, gr br O $, l mf S	PID = 0 wet
12					**Gray, gray brown organic SILT, little medium to fine Sand**	
13						
14		S-4			14'0"	Rec = 18"
15					Gr mf S, a $	PID = 0 wet
16					**Gray medium to fine SAND, and Silt** 16'0"	
17					**End of Boring @ 16'0"**	
18						
19						Probed with Geoprobe rods Refusal @ 31'0" on Possible Bedrock
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-47

Project:	**BLP Site C360112, Morgan Drive, Mt. Kisco, NY**								**SHEET NO.:**	1 of 1
Client:	**Crème de la Crème**								**JOB NUMBER:**	01-109
Drilling Contractor:	**General Borings, Inc.**								**ELEVATION:**	+287.7
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**	**DATUM:**	
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**Geoprobe**			**START DATE:**	26 Jun 12
6/26/2012		**5'6"**		**DIA.**		**1.5"**			**FINISH DATE:**	26 Jun 12
				WGHT					**DRILLER:**	Erik D.
				FALL					**INSPECTOR:**	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br mf S, l $)	Sample F-22 11:24 am, 0-1' PID = 7.4 ppm
2		S-1			**FILL (Brown medium to fine SAND, little Silt)**	Rec = 30" PID = 1.8-7.4 ppm moist
3						
4					3'10"	
5					FILL (Dk gr br cf S, l $, t cf G)	
6		S-2			**FILL (Dark gray brown coarse to fine SAND, little Silt, trace coarse to fine Gravel)** 6'6"	Rec = 32" PID = 62-76 ppm wet
7					Bk O $, w/peat, t mf S	petroleum and organic odors
8					**Black organic SILT, with Peat, trace medium to fine Sand**	Sample F-23, 23MS, 23MSD 11:32 am, 6'6"-8'0" PID = 76 ppm
9					9'6"	
10		S-3			Dk br Pt, w/O $	Rec = 48"
11					**Dark brown PEAT, with organic Silt** 10'6"	PID = 0-15 ppm wet
12					Gr $ l, mf S **Gray SILT little, medium to fine Sand**	
13					13'0"	
14		S-4			Gr, gr br mf S, a $	Rec = 48"
15					**Gray, gray brown medium to fine SAND, and Silt**	PID = 0 ppm wet
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-48
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +290.4

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE:	26 Jun 12
6/26/2012		9'0"		DIA.		1.5"			FINISH DATE:	26 Jun 12
				WGHT					DRILLER:	Erik D.
				FALL					INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br mf S, l $)	Sample F-24 1:10 pm, 0-1'
2		S-1			**FILL (Brown medium to fine SAND, little Silt)**	Rec = 40" PID = 0 ppm moist
3					3'6"	
4					FILL (Gr br cf S, s $, l cf G)	Sample F-25 1:15 pm, 5'6"-6'6"
5						
6		S-2			**FILL (Gray brown coarse to fine SAND, some Silt, little coarse to fine Gravel, with concrete)**	Rec = 36" PID = 0 ppm moist
7						
8						Concrete @ 7'0"-7'6"
9						Sample F-26 1:22 pm, 8'6"-9'6"
10		S-3				
11						Rec = 20" PID = 0 ppm wet
12					11'6" Dk gr br, bk cf S, l (+) $, l cf G	
13					**Dark gray brown, black coarse to fine SAND, little (+) Silt, little coarse to**	
14		S-4			**fine Gravel**	Rec = 48"
15					14'6" Dk br Peat, w O $	PID = 0 ppm wet
16					**Dark brown Peat, with organic Silt**	
17					16'0" **End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER P-49
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		SHEET NO.: 1 of 1
Client: Crème de la Crème		JOB NUMBER: 01-109
Drilling Contractor: General Borings, Inc.		ELEVATION: +288.1

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:
DATE	TIME	DEPTH	CASING	TYPE		Geoprobe			START DATE: 26 Jun 12
6/26/2012		8'0"		DIA.		1.5"			FINISH DATE: 26 Jun 12
				WGHT					DRILLER: Erik D.
				FALL					INSPECTOR: MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1					FILL (Br mf S, l $)	Sample F-27, FD-J 1:55 pm, 0-1'
2		S-1			**FILL (Brown medium to fine SAND, little Silt**	Rec = 30" PID = 0 ppm
3					3'0"	moist
4					FILL (Br, gr br cf S, l $, t cf G)	
5					FILL (Br cf S, l $, t cf G)	
6		S-2			**FILL (Brown, gray brown coarse to fine SAND, little Silt, trace coarse to fine Gravel)**	Rec = 18" PID = 0 ppm moist-wet
7						
8					8'0"	Sample F-28 2:20 pm, 7'-8'
9					FILL (G, S, $, plastic, cobbles)	
10		S-3			**FILL (Gravel, Sand, Silt, with plastic, cobbles)**	Rec = 10" PID = 0 ppm
11						wet
12					12'0"	
13					Gr cf S, l $, s cf G	
14		S-4			**Gray coarse to fine SAND, little Silt, some coarse to fine Gravel**	Rec = 30" PID = 0 ppm
15						wet
16					16'0"	
17					**End of Boring @ 16'0"**	
18						
19						
20						
21						
22						

APPENDIX B

MONITORING WELL LOGS AND WELL DEVELOPMENT FORMS

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER MW-1
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +289.3

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE	HSA	SS			START DATE:	05 Jun 12
6/5/2012	1000	6'6"		DIA.	4 1/4"	1 3/8"			FINISH DATE:	05 Jun 12
				WGHT		140#			DRILLER:	Erik D.
				FALL		30"			INSPECTOR:	JM

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
			4		**Brown Topsoil** 0'2"	
1		S-1	7		FILL (Br cf S, l $, s mf G)	Rec = 12"
			4			moist
2			13			PID = 5-44 ppm
			13		same, l cf G	
3		S-2	14			Rec = 12"
			14		**FILL (Brown, gray coarse to fine SAND,**	moist
4			17		**little Silt, little coarse to fine Gravel)**	PID = 2.5 ppm
5						
			9		Gr same, l mf G	
6		S-3	3			Rec = 20"
			3			moist
7			2		7'0"	PID = 0.5 ppm
			3		Br $ a, cf S, l mf G	
8		S-4	4			Rec = 8"
			5			moist
9			5		**Dark brown SILT and, coarse to fine**	PID = 2 ppm
					Sand, little medium to fine Gravel	
10						
			1		Dk br $ a, cf S, t (+) f G	
11		S-5	2			Rec = 10"
			1			wet
12			1		12'0"	PID = 5.5 ppm
			2		Dk gr $ s, cf S, t f G, w/peat	
13		S-6	2			Rec = 24"
			4		**Dark gray SILT some, coarse to fine**	wet
14			3		**Sand, trace fine Gravel, with Peat**	PID = 1.5 ppm
15					15'0"	
					End of Boring @ 15'0"	
16						
17						
18						
19						Constructed 2" monitoring
						well in completed borehole
20						See well log for details
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER MW-2
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +287.9

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE	HSA	SS			START DATE:	05 Jun 12
6/5/2012	1130	5'6"		DIA.	4 1/4"	1 3/8"			FINISH DATE:	05 Jun 12
				WGHT		140#			DRILLER:	Erik D.
				FALL		30"			INSPECTOR:	JM

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
			2		**Brown Topsoil** 0'2"	
1		S-1	4		FILL (Lt br cf S, t $, t (-) f G)	Rec = 20"
			6			moist
2			6			PID = 7 ppm
			10		same, t mf G	
3		S-2	10		**FILL (Light brown coarse to fine SAND,**	Rec = 20"
			10		**trace Silt, trace medium to fine Gravel)**	moist
4			8			PID = 0.5 ppm
5					5'0"	
			6		Dk gr cf S, l $, l mf G	
6		S-3	4			Rec = 22"
			6			moist
7			7		**Dark gray coarse to fine SAND, little**	PID = 1 ppm
			8		same **Silt, little medium to fine Gravel**	
8		S-4	14			Rec = 8"
			9			moist
9			9			PID = 1.5 ppm
					9'6"	
10						
			7		Dk gr mf S, a $	
11		S-5	2			Rec = 10"
			3			wet
12			5		**Dark gray medium to fine SAND,**	PID = 1 ppm
			2		same **and Silt**	
13		S-6	3			Rec = 24"
			4			wet
14			4			PID = 0 ppm
15					15'0"	
					End of Boring @ 15'0"	
16						
17						
18						
19						Constructed 2" monitoring
						well in completed borehole
20						See well log for details
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER MW-3
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +290.1

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE	HSA	SS			START DATE:	06 Jun 12
6/6/2012	0950	5'6"		DIA.	4 1/4"	1 3/8"			FINISH DATE:	06 Jun 12
				WGHT		140#			DRILLER:	Erik D.
				FALL		30"			INSPECTOR:	MRA

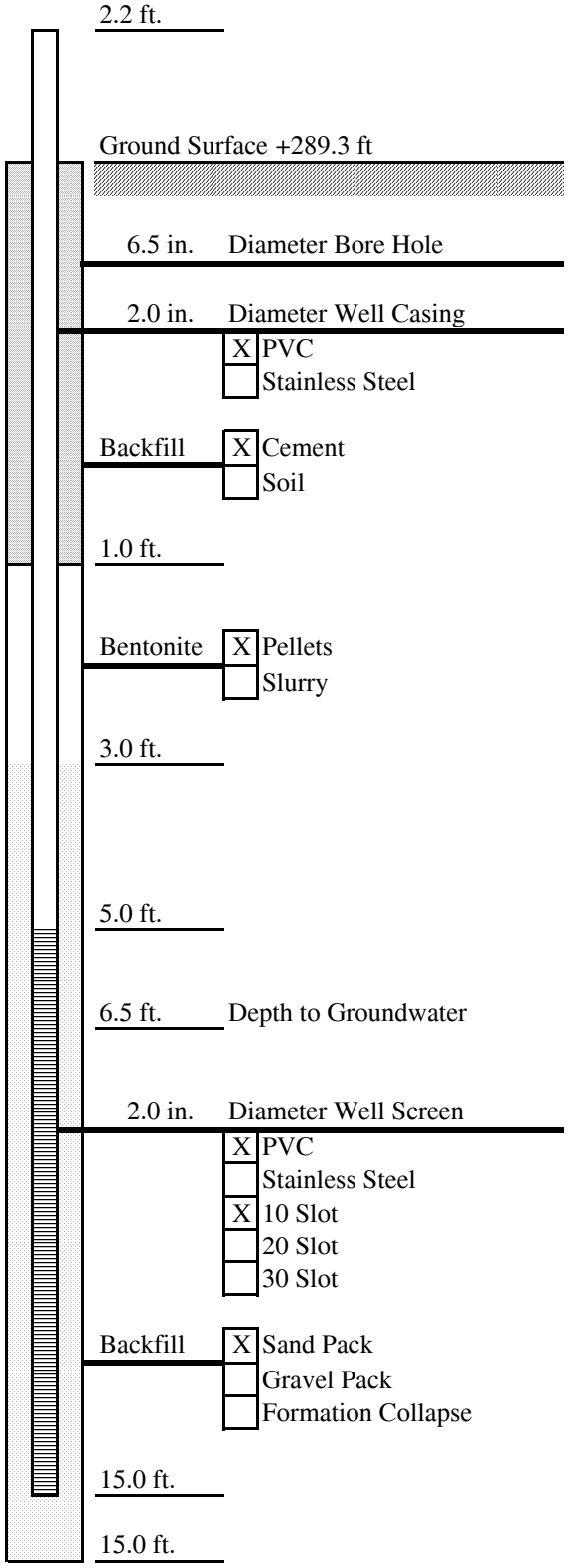
Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
			2		FILL (Br, gr br cf S, l (+) $, l (-) cf G)	
1		S-1	1			Rec = 14"
			3			moist
2			4			PID = 0 ppm
			7		FILL (same, t cf G)	
3		S-2	11			Rec = 18"
			15		**FILL (Brown, gray brown coarse to fine**	moist
4			19		**SAND, little (+) Silt, trace coarse to fine**	PID = 0 ppm
					Gravel, with occassional cobbles)	
5						
			11		FILL (Gr br cf S, l (+) $, t cf G)	
6		S-3	13			Rec = 18"
			10			moist-wet
7			9			PID = 0 ppm
			7		FILL (same, w/cobble)	
8		S-4	5			Rec = 6"
			5			moist-wet
9			6			PID = 0 ppm
10					10'0"	
			3		Dk gr cf S, l (-) $, t mf G	
11		S-5	5			Rec = 12"
			6		**Dark gray, gray coarse to fine SAND,**	wet
12			7		**trace Silt, little medium to fine Gravel**	PID = 0.4 ppm
			6		Gr cf S, t $, l mf G	slight organic odor
13		S-6	8			Rec = 12"
			8			wet
14			7		14'0"	PID = 1 ppm
					End of Boring @ 14'0"	slight organic odor
15						
16						
17						
18						
19						Constructed 2" monitoring
						well in completed borehole
20						See well log for details
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	GEOPROBE BORING LOG	BORING NUMBER MW-4
Project: BLP Site C360112, Morgan Drive, Mt. Kisco, NY		**SHEET NO.:** 1 of 1
Client: Crème de la Crème		**JOB NUMBER:** 01-109
Drilling Contractor: General Borings, Inc.		**ELEVATION:** +286.4

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM:	
DATE	TIME	DEPTH	CASING	TYPE	HSA	SS			START DATE:	06 Jun 12
6/6/2012	1145	3'0"		DIA.	4 1/4"	1 3/8"			FINISH DATE:	06 Jun 12
				WGHT		140#			DRILLER:	Erik D.
				FALL		30"			INSPECTOR:	MRA

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
			3		FILL (Br $ l, cf S, w/topsoil)	
1		S-1	5		**FILL (Brown SILT little, coarse to fine**	Rec = 6"
			2		**Sand, with topsoil)**	moist-wet
2			2		2'0"	PID = 1.1 ppm
			4		FILL (Gr cf S, t (+) $, s mf G)	
3		S-2	3			Rec = 12"
			4		**FILL (Gray, dark gray coarse to fine**	wet
4			7		**SAND, little Silt, little (+) medium to**	PID = 0 ppm
					fine Gravel)	
5						
			13		FILL (Dk gr cf S, l $, l (+) mf G)	
6		S-3	19		6'0"	Rec = 22"
			24		Gr br $ l, cf S, t mf G	wet
7			50/5		**Gray brown SILT little, coarse to fine**	PID = 0 ppm
					Sand, trace medium to fine Gravel 7'6"	
8						
						Cobbles
9					**Gray brown coarse to fine SAND,**	
					some Silt, little coarse to fine Gravel,	
10					**with cobbles**	
			5			
11		S-4	6		Gr br cf S, s $, l cf G	Rec = 12"
			9			wet
12			11			PID = 0 ppm
			8		same, a $, w/cobbles	
13		S-5	11			Rec = 12"
			22			wet
14			22		14'0"	PID = 0 ppm
					End of Boring @ 14'0"	
15						
16						
17						
18						
19						Constructed 2" monitoring
						well in completed borehole
20						See well log for details
21						
22						

CARLIN-SIMPSON & ASSOCIATES Sayreville, New Jersey	WELL CONSTRUCTION LOG	Well No. MW-1 Job No. 01-109



All measurements taken from ground surface

Client Crème de la Crème

Project BLP Site C360112, Morgan Drive

City Mount Kisco

County Westchester County

State New York

Well Permit Number N/A

Ground Surface Elevation 289.3 ft.

Drilling Method Hollow Stem Augers

Drilling Contractor General Borings Inc.

Drilling Fluid Water

Development Method and Date Whale Pump, 6/14/12

Water Removed During Development 32 gal.

Depth to Static Groundwater 6.5 ft. Below Ground Surface

Depth to GW after Pumping 10.6 ft. Below Ground Surface

Duration of Pumping 28 min.

Well Yield N/A

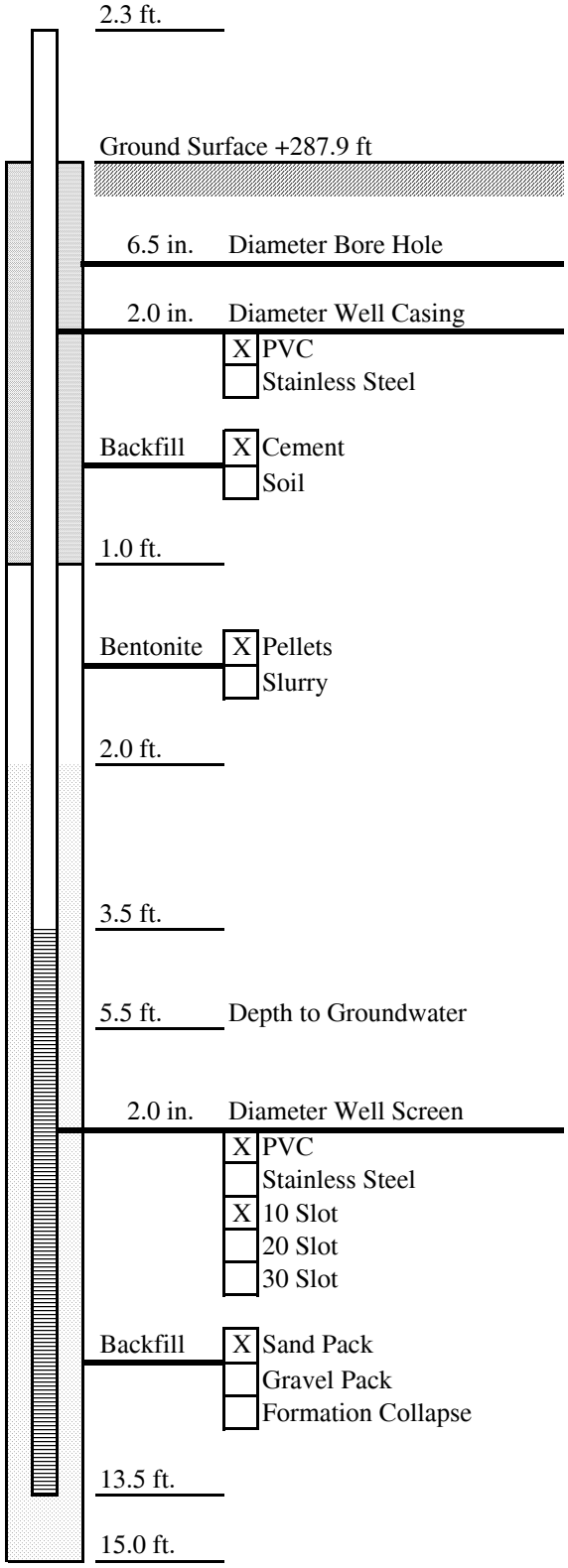
Purpose for Constructing Well:

Groundwater Sampling

Remarks

Prepared By: Meredith Anke

CARLIN-SIMPSON & ASSOCIATES Sayreville, New Jersey	WELL CONSTRUCTION LOG	Well No. MW-2 Job No. 01-109



All measurements taken from ground surface

Client Crème de la Crème

Project BLP Site C360112, Morgan Drive

City Mount Kisco

County Westchester County

State New York

Well Permit Number N/A

Ground Surface Elevation 287.9 ft.

Drilling Method Hollow Stem Augers

Drilling Contractor General Borings Inc.

Drilling Fluid Water

Development Method and Date Whale Pump, 6/14/12

Water Removed During Development 35 gal.

Depth to Static Groundwater 5.5 ft. Below Ground Surface

Depth to GW after Pumping 7.7 ft. Below Ground Surface

Duration of Pumping 29 min.

Well Yield N/A

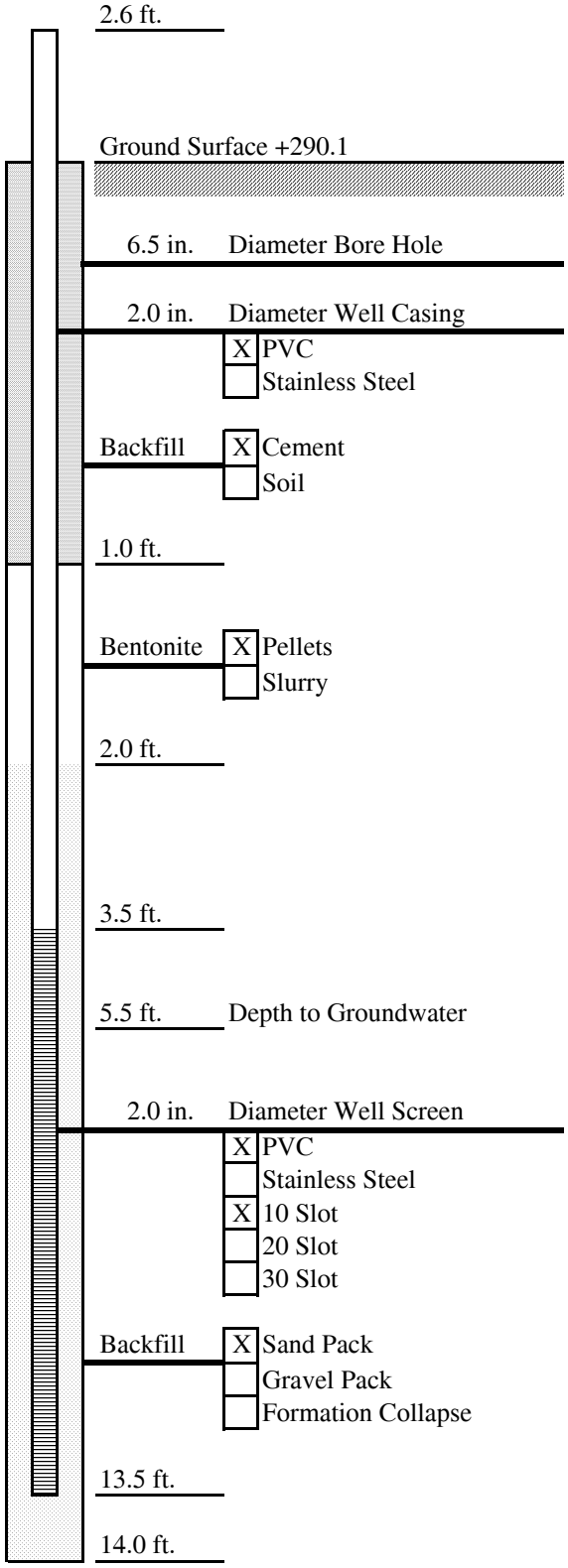
Purpose for Constructing Well:

Groundwater Sampling

Remarks

Prepared By: Meredith Anke

CARLIN-SIMPSON & ASSOCIATES Sayreville, New Jersey	WELL CONSTRUCTION LOG	Well No. MW-3 Job No. 01-109



All measurements taken from ground surface

Client Crème de la Crème

Project BLP Site C360112, Morgan Drive

City Mount Kisco

County Westchester County

State New York

Well Permit Number N/A

Ground Surface Elevation 290.1 ft.

Drilling Method Hollow Stem Augers

Drilling Contractor General Borings Inc.

Drilling Fluid Water

Development Method and Date Whale Pump, 6/14/12

Water Removed During Development 10 gal.

Depth to Static Groundwater 5.5 ft. Below Ground Surface

Depth to GW after Pumping 13.5 ft. Below Ground Surface

Duration of Pumping 31 min. (intermittent)

Well Yield N/A

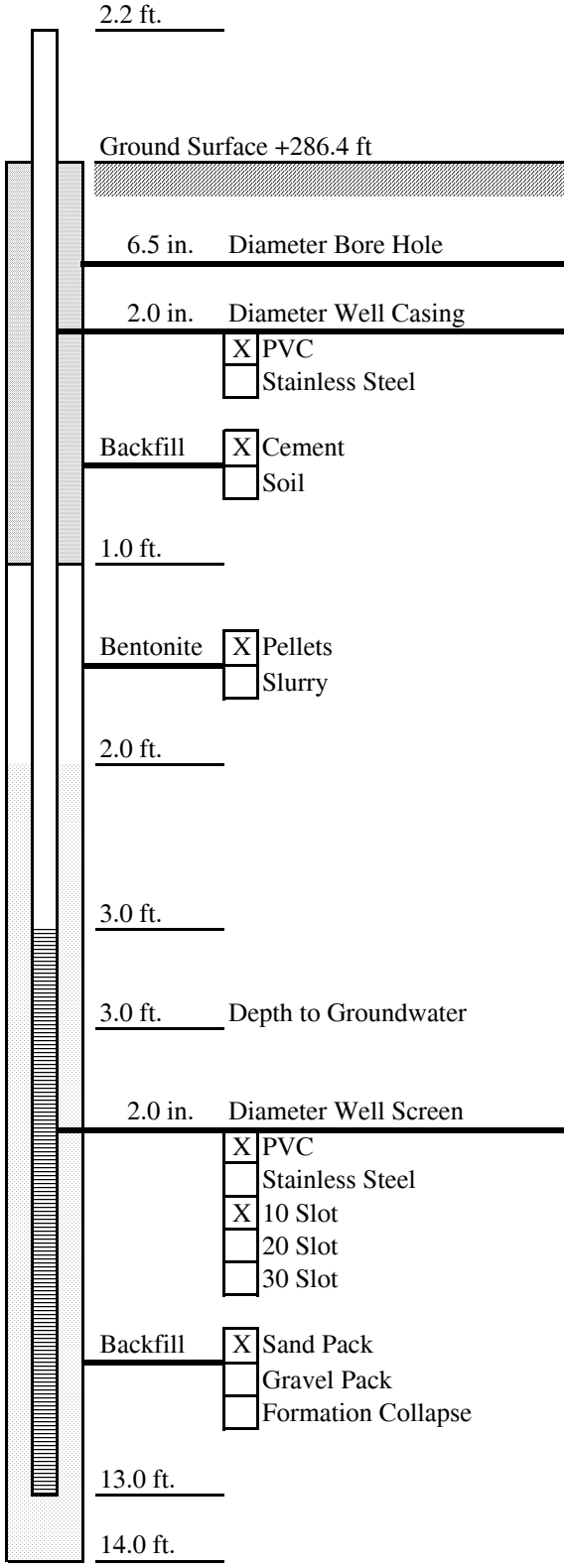
Purpose for Constructing Well:

Groundwater Sampling

Remarks Well kept pumping dry - allowed to recharge while developing another well

Prepared By: Meredith Anke

CARLIN-SIMPSON & ASSOCIATES Sayreville, New Jersey	WELL CONSTRUCTION LOG	Well No. MW-4 Job No. 01-109



All measurements taken from ground surface

Client Crème de la Crème

Project BLP Site C360112, Morgan Drive

City Mount Kisco

County Westchester County

State New York

Well Permit Number N/A

Ground Surface Elevation 286.4 ft.

Drilling Method Hollow Stem Augers

Drilling Contractor General Borings Inc.

Drilling Fluid Water

Development Method and Date Whale Pump, 6/14/12

Water Removed During Development 16 gal.

Depth to Static Groundwater 3.0 ft. Below Ground Surface

Depth to GW after Pumping 4.5 ft. Below Ground Surface

Duration of Pumping 22 min.

Well Yield N/A

Purpose for Constructing Well:

Groundwater Sampling

Remarks

Prepared By: Meredith Anke

CARLIN-SIMPSON & ASOCIATES
WELL DEVELOPMENT RECORD

Date:	**14-Jun-12**	**Job No:**	**01-109**
Well No:	**MW-1**	**Job Name:**	**BCP Site No. C360112**
Method:	**Whale Pump**	**Location:**	**Mt. Kisco, New York**

Time Start	Time Stop	Volume (gallons)	Pump Rate (gpm)	Remarks
10:00 AM	*10:15 AM*	*4.5*	*0.37*	*Example - grayish, no odor, pumped dry*
				DTW at start = 8.64 ft
12:35 PM				Very turbid initially, dark gray color, no odors
	12:40 PM			ph = 7.55, temp = 13.1 C
				Sp. Cond = 0.81 s/cm, DO = 5.4 g/L
				Turbidity = +++, TDS = 0.6 g/L
	12:47 PM	14	1.17	ph = 6.66, temp = 11.5 C
				Sp. Cond = 1.08 s/cm, DO = 1.17 g/L
				Turbidity = +, TDS = 0.7 g/L
				Starting to clear a little, gray color, no odors
12:50 PM	12:57 PM	9	0.9	ph = 6.50, temp = 11.5 C
				Sp. Cond = 1.08 s/cm, DO = 1.18 g/L
				Turbidity = 750, TDS = 0.7 g/L
1:00 PM	1:09 PM	9	1	ph = 6.48, temp = 11.5 C
				Sp. Cond = 1.12 s/cm, DO = 1.21 g/L
				Turbidity = 103, TDS = 0.7 g/L
				Water is clear, no odors
Totals:	28 minutes	32 gallons		DTW at end = 10.58 ft

CARLIN-SIMPSON & ASOCIATES
WELL DEVELOPMENT RECORD

Date:	**14-Jun-12**	**Job No:**	**01-109**
Well No:	**MW-2**	**Job Name:**	**BCP Site No. C360112**
Method:	**Whale Pump**	**Location:**	**Mt. Kisco, New York**

Time Start	Time Stop	Volume (gallons)	Pump Rate (gpm)	Remarks
10:00 AM	*10:15 AM*	*4.5*	*0.37*	*Example - grayish, no odor, pumped dry*
				DTW at start = 7.54 ft
11:02 AM				Very silty, dark gray, no odors
				ph = 7.12, temp = 15.8 C
				Sp. Cond = 1.11 s/cm, DO = 6.32 mg/L
				Turbidity = ++, TDS = 0.7 g/L
		16	1.2	ph = 6.65, temp = 13.1 C
				Sp. Cond = 1.56 s/cm, DO = 0.98 g/L
				Turbidity = 276, TDS =1.0 g/L
				Grayish color, no odors
		7	1.2	ph = 6.62, temp = 13.2 C
				Sp. Cond = 1.62 s/cm, DO = 0.79 g/L
				Turbidity = 205, TDS = 1.0 g/L
	11:31 AM	12	1.2	ph = 6.58, temp = 13.0 C
				Sp. Cond = 1.67 s/cm, DO = 0.78 g/L
				Turbidity = 93, TDS = 1.0 g/L
				Water is clear, no odors
Totals:	29 minutes	35 gallons		DTW at end = 7.74 ft

CARLIN-SIMPSON & ASOCIATES
WELL DEVELOPMENT RECORD

Date:	**14-Jun-12**	**Job No:**	**01-109**
Well No:	**MW-3**	**Job Name:**	**BCP Site No. C360112**
Method:	**Whale Pump**	**Location:**	**Mt. Kisco, New York**

Time Start	Time Stop	Volume (gallons)	Pump Rate (gpm)	Remarks
10:00 AM	*10:15 AM*	*4.5*	*0.37*	*Example - grayish, no odor, pumped dry*
				DTW at start = 6.95 ft
11:57 AM				Very silty, dark gray color, no odors
				ph = 7.01, temp = 16.1 C
				Sp. Cond = 0.64 s/cm, DO = 5.55 g/L
				Turbidity = +++, TDS = 0.42 g/L
	12:20 PM	4		Pumped dry, very silty
				Pumping for 30 second intervals
				Allowed well to recharge while developing
				another well
1:21 PM	1:23 PM	2		ph = 7.05, temp = 14.6 C
				Sp. Cond = 0.669 s/cm, DO = 6.06 g/L
				Turbidity = 364, TDS = 0.42 g/L
1:34 PM	1:35 PM	0.5		Still turbid, grayish color, no odors
1:40 AM	1:41 AM	0.5		
1:46 PM	1:47 PM	0.5		
1:52 PM	1:53 PM	0.5		
2:11 PM	2:13 PM	2		ph = 7.08, temp = 14.4 C
				Sp. Cond = 0.663 s/cm, DO = 6.10 g/L
				Turbidity = 57, TDS = 0.42 g/L
				Water is clear but well keeps pumping dry
Totals:	31 minutes	10 gallons		DTW at end = 13.5 ft

CARLIN-SIMPSON & ASOCIATES
WELL DEVELOPMENT RECORD

Date:	**14-Jun-12**	**Job No:**	**01-109**
Well No:	**MW-4**	**Job Name:**	**BCP Site No. C360112**
Method:	**Whale Pump**	**Location:**	**Mt. Kisco, New York**

Time Start	Time Stop	Volume (gallons)	Pump Rate (gpm)	Remarks
10:00 AM	*10:15 AM*	*4.5*	*0.37*	*Example - grayish, no odor, pumped dry*
				DTW at start = 4.51 ft
10:23 AM				Very turbid initially, brown color, no odors
				ph = 7.80, temp = 19.3 C
				Sp. Cond = 0.566 s/cm, DO = 2.3 g/L
				Turbidity = ++, TDS = 0.37 g/L
	10:35 AM	9	0.75	ph = 6.97, temp = 20.6 C
				Sp. Cond = 0.581 s/cm, DO = 7.17 g/L
				Turbidity = 105, TDS = 0.37 g/L
				Water is clear, no odors
10:40 AM	10:50 AM	7	0.7	ph = 6.96, temp = 20.6 C
				Sp. Cond = 0.581 s/cm, DO = 7.25 g/L
				Turbidity = 53, TDS = 0.37 g/L
				Water is clear, no odors
Totals:	22 minutes	16 gallons		DTW at end = 4.53 ft

APPENDIX C

WATER SAMPLING DATA SHEETS

CARLIN-SIMPSON & ASOCIATES
GROUNDWATER SAMPLING DATA FORM

Date:	**29-Jun-12**	**Job No:**	**01-109**
Well No:	**MW-1**	**Job Name:**	**BCP Site No. C360112**
Samplers:	**M. Anke, M. Wroblewski**	**Location:**	**Mt. Kisco, New York**

WELL OBSERVATIONS

Condition:	**Good**		**Depth to Bottom:**	**17.15**	**feet**
Locked:	**Yes**		**Depth to Water:**	**9.04**	**feet**
Diameter:	**2**	**inches**	**Well Volume:**	**1.33**	**gallons**
PID:	**3.3**	**ppm**	**Purge Method:**	**Low-Flow**	
Odor:	**No**		**Purge/Flow Rate:**	**0.17**	**gpm**
			Sample Method:	**Low-Flow**	

Time	DTW (feet)	pH (SU)	Specific Conductivity (s/cm)	Temp (^{o}C)	Dissolved Oxygen (g/L)	Turbidity (NTU)	Dissolved Solids (g/L)	Remarks
4:20 PM	9.04	8.87	1.18	14.5	18.57	89	0.70	Grayish
4:25 PM		8.71	1.05	14.3	17.93	97	0.60	color, No
4:30 PM	9.19	8.44	1.12	14.5	17.19	85	0.59	odors
4:35 PM		8.32	1.03	14.4	14.91	92	0.58	
4:40 PM	9.35	8.15	0.99	14.5	15.12	81	0.56	
4:45 PM		8.11	0.96	14.6	14.99	74	0.55	
4:50 PM	9.45	8.01	0.89	14.5	15.10	61	0.56	
4:55 PM		8.05	0.88	14.7	15.22	55	0.55	
5:00 PM	9.51	7.96	0.86	14.7	14.80	42	0.55	
5:10 PM	Samples MW-1 and FD-L collected							

CARLIN-SIMPSON & ASOCIATES
GROUNDWATER SAMPLING DATA FORM

Date:	**29-Jun-12**	**Job No:**	**01-109**
Well No:	**MW-2**	**Job Name:**	**BCP Site No. C360112**
Samplers:	**M. Anke, M. Wroblewski**	**Location:**	**Mt. Kisco, New York**

WELL OBSERVATIONS

Condition:	**Good**		**Depth to Bottom:**	**15.09**	**feet**
Locked:	**Yes**		**Depth to Water:**	**8.23**	**feet**
Diameter:	**2**	**inches**	**Well Volume:**	**1.13**	**gallons**
PID:	**1.6**	**ppm**	**Purge Method:**	**Low-Flow**	
Odor:	**No**		**Purge/Flow Rate:**	**0.17**	**gpm**
			Sample Method:	**Low-Flow**	

Time	DTW (feet)	pH (SU)	Specific Conductivity (s/cm)	Temp (^{o}C)	Dissolved Oxygen (g/L)	Turbidity (NTU)	Dissolved Solids (g/L)	Remarks
3:10 PM	8.23	8.01	1.63	15.3	17.20	155	1.1	Cloudy,
3:15 PM		8.04	1.79	15.9	17.41	141	1.0	Gray color,
3:20 PM	8.26	7.99	1.44	15.7	16.96	118	1.1	No Odors
3:25 PM		7.81	1.19	15.5	16.10	110	1.1	
3:30 PM	8.28	7.84	1.43	15.8	15.34	99	1.1	
3:35 PM		7.90	1.11	15.4	15.89	99	1.1	
3:40 PM	8.31	7.66	0.98	15.3	14.21	62	1.0	
3:45 PM		7.68	1.02	15.5	13.99	50	1.1	
3:50 PM	8.33	7.61	0.99	15.3	13.52	34.5	1.1	
4:00 PM	Sample MW-2 collected							

CARLIN-SIMPSON & ASOCIATES
GROUNDWATER SAMPLING DATA FORM

Date:	**29-Jun-12**	**Job No:**	**01-109**
Well No:	**MW-3**	**Job Name:**	**BCP Site No. C360112**
Samplers:	**M. Anke, M. Wroblewski**	**Location:**	**Mt. Kisco, New York**

WELL OBSERVATIONS

Condition:	**Good**		**Depth to Bottom:**	**15.3**	**feet**
Locked:	**Yes**		**Depth to Water:**	**8.33**	**feet**
Diameter:	**2**	**inches**	**Well Volume:**	**1.14**	**gallons**
PID:	**0.0**	**ppm**	**Purge Method:**	**Low-Flow**	
Odor:	**No**		**Purge/Flow Rate:**	**0.13**	**gpm**
			Sample Method:	**Bailer**	

Time	DTW (feet)	pH (SU)	Specific Conductivity (s/cm)	Temp (^{o}C)	Dissolved Oxygen (g/L)	Turbidity (NTU)	Dissolved Solids (g/L)	Remarks
2:15 PM	8.33	8.48	0.69	17.2	19.24	999	0.44	Turbid
2:20 PM	10.84	7.72	0.66	17.0	12.66	193	0.42	Cloudy
2:25 PM	12.51	7.48	0.66	17.0	9.53	131	0.43	Cloudy
2:27 PM	*Well was pumped dry*							
12:50 PM	9.26	7.44	0.65	17.1	NR	51	0.43	Cloudy
12:50 PM	Sample MW-3 collected							

CARLIN-SIMPSON & ASOCIATES
GROUNDWATER SAMPLING DATA FORM

Date:	**29-Jun-12**	**Job No:**	**01-109**
Well No:	**MW-4**	**Job Name:**	**BCP Site No. C360112**
Samplers:	**M. Anke, M. Wroblewski**	**Location:**	**Mt. Kisco, New York**

WELL OBSERVATIONS

Condition:	**Good**		**Depth to Bottom:**	**14.67**	**feet**
Locked:	**Yes**		**Depth to Water:**	**5.12**	**feet**
Diameter:	**2**	**inches**	**Well Volume:**	**1.57**	**gallons**
PID:	**0.0**	**ppm**	**Purge Method:**	**Low-Flow**	
Odor:	**No**		**Purge/Flow Rate:**	**0.17**	**gpm**
			Sample Method:	**Low-Flow**	

Time	DTW (feet)	pH (SU)	Specific Conductivity (s/cm)	Temp (^{o}C)	Dissolved Oxygen (g/L)	Turbidity (NTU)	Dissolved Solids (g/L)	Remarks
1:20 PM	5.12	8.29	0.65	21.5	14.45	230	0.41	Yellow
1:25 PM		8.03	0.63	22.2	14.67	152	0.39	color, No
1:30 PM	5.71	8.16	0.64	22.6	14.13	99	0.39	odors
1:35 PM		7.91	0.62	22.1	13.28	75	0.40	
1:40 PM	6.29	7.84	0.61	22.1	11.82	61	0.39	
1:45 PM		7.83	0.61	21.9	11.51	46	0.39	
1:50 PM	6.84	7.83	0.62	21.9	11.62	47	0.40	
1:55 PM	Sample MW-4 collected							

CARLIN-SIMPSON & ASOCIATES
SURFACE WATER SAMPLING DATA FORM

Date:	**29-Jun-12**	**Job No:**	**01-109**
Samples:	**Kisco River Surface Water**	**Job Name:**	**BCP Site No. C360112**
Samplers:	**M. Anke, M. Wroblewski**	**Location:**	**Mt. Kisco, New York**

Sample No.	PID Reading (ppm)	pH (SU)	Specific Conductivity (s/cm)	Temp (°C)	Dissolved Oxygen (g/L)	Turbidity (NTU)	Dissolved Solids (g/L)	Remarks
SW-1	0.0	7.21	0.34	20.6	20.0	16.9	0.25	No Odor
SW-2	0.0	7.29	0.33	20.6	20.0	14.1	0.25	No Odor
SW-3	0.0	7.17	0.39	20.6	20.0	17.4	0.25	No Odor
SW-4	0.0	7.19	0.38	20.6	20.0	16.7	0.25	No Odor

APPENDIX D

COMMUNITY AIR MONITORING PROGRAM (CAMP) LOGS

TrakPro Version 4.41 ASCII Data File

Model:,DustTrak II
Model Number:,8530
Serial Number:,8530092009
Test ID:,001
Test Abbreviation:,TEST 1_001 (Downwind)
Start Date:,06/04/2012
Start Time:,09:00:02
Duration (dd:hh:mm:ss):,0:06:31:00
Log Interval (mm:ss):,10:00
Number of points:,40
Notes:,ERROR: FLOW,

Statistics,Channel:,AEROSOL
,Units:,mg/m^3
,Average:,0.003
,Minimum:,0.000
,Time of Minimum:,14:43:02
,Date of Minimum:,06/04/2012
,Maximum:,0.214
,Time of Maximum:,13:32:02
,Date of Maximum:,06/04/2012

Calibration,Sensor:,AEROSOL
,Cal. date,05/23/2012

Date,Time,AEROSOL
MM/dd/yyyy,hh:mm:ss,mg/m^3
06/04/2012,09:01:02,0.050
06/04/2012,09:11:02,0.001
06/04/2012,09:21:02,0.002
06/04/2012,09:31:02,0.002
06/04/2012,09:41:02,0.003
06/04/2012,09:51:02,0.004
06/04/2012,10:01:02,0.003
06/04/2012,10:11:02,0.004
06/04/2012,10:21:02,0.003
06/04/2012,10:31:02,0.003
06/04/2012,10:41:02,0.005
06/04/2012,10:51:02,0.003
06/04/2012,11:01:02,0.002
06/04/2012,11:11:02,0.003
06/04/2012,11:21:02,0.005
06/04/2012,11:31:02,0.004
06/04/2012,11:41:02,0.003
06/04/2012,11:51:02,0.003
06/04/2012,12:01:02,0.003
06/04/2012,12:11:02,0.003
06/04/2012,12:21:02,0.003
06/04/2012,12:31:02,0.002
06/04/2012,12:41:02,0.001
06/04/2012,12:51:02,0.002
06/04/2012,13:01:02,0.001
06/04/2012,13:11:02,0.003
06/04/2012,13:21:02,0.002
06/04/2012,13:31:02,0.003
06/04/2012,13:41:02,0.001
06/04/2012,13:51:02,0.001
06/04/2012,14:01:02,0.001
06/04/2012,14:11:02,0.002
06/04/2012,14:21:02,0.002
06/04/2012,14:31:02,0.001

06/04/2012,14:41:02,0.001
06/04/2012,14:51:02,0.001
06/04/2012,15:01:02,0.001
06/04/2012,15:11:02,0.002
06/04/2012,15:21:02,0.004
06/04/2012,15:31:02,0.001

TrakPro Version 4.41 ASCII Data File

Model:,DustTrak II
Model Number:,8530
Serial Number:,8530092009
Test ID:,001
Test Abbreviation:,TEST 1_001 (Downwind)
Start Date:,06/05/2012
Start Time:,08:42:17
Duration (dd:hh:mm:ss):,0:06:37:00
Log Interval (mm:ss):,10:00
Number of points:,39
Notes:,ERROR: FLOW,

Statistics,Channel:,AEROSOL
,Units:,mg/m^3
,Average:,0.007
,Minimum:,0.003
,Time of Minimum:,15:19:17
,Date of Minimum:,06/05/2012
,Maximum:,0.034
,Time of Maximum:,08:43:17
,Date of Maximum:,06/05/2012

Calibration,Sensor:,AEROSOL
,Cal. date,05/23/2012

Date,Time,AEROSOL
MM/dd/yyyy,hh:mm:ss,mg/m^3
06/05/2012,08:43:17,0.034
06/05/2012,08:53:17,0.007
06/05/2012,09:03:17,0.006
06/05/2012,09:13:17,0.007
06/05/2012,09:23:17,0.005
06/05/2012,09:33:17,0.005
06/05/2012,09:43:17,0.004
06/05/2012,09:53:17,0.005
06/05/2012,10:03:17,0.005
06/05/2012,10:13:17,0.004
06/05/2012,10:23:17,0.005
06/05/2012,10:33:17,0.004
06/05/2012,10:43:17,0.004
06/05/2012,10:53:17,0.004
06/05/2012,11:03:17,0.006
06/05/2012,11:13:17,0.005
06/05/2012,11:23:17,0.005
06/05/2012,11:33:17,0.006
06/05/2012,11:43:17,0.009
06/05/2012,11:53:17,0.007
06/05/2012,12:03:17,0.007
06/05/2012,12:13:17,0.008
06/05/2012,12:23:17,0.009
06/05/2012,12:33:17,0.010
06/05/2012,12:43:17,0.009
06/05/2012,12:53:17,0.011
06/05/2012,13:03:17,0.010
06/05/2012,13:13:17,0.012
06/05/2012,13:23:17,0.011
06/05/2012,13:33:17,0.011
06/05/2012,13:43:17,0.008
06/05/2012,13:53:17,0.006
06/05/2012,14:03:17,0.006
06/05/2012,14:13:17,0.006

06/05/2012,14:23:17,0.007
06/05/2012,14:33:17,0.007
06/05/2012,14:43:17,0.008
06/05/2012,14:53:17,0.007
06/05/2012,15:03:17,0.009
06/05/2012,15:13:17,0.007
06/05/2012,15:19:17,0.003

Downwind - 6 June 2012

TrakPro Version 4.41 ASCII Data File

Model:,DustTrak II
Model Number:,8530
Serial Number:,8530092009
Test ID:,002
Test Abbreviation:,TEST 1_002 (Downwind)
Start Date:,06/06/2012
Start Time:,08:14:07
Duration (dd:hh:mm:ss):,0:04:42:00
Log Interval (mm:ss):,10:00
Number of points:,30
Notes:,

Statistics,Channel:,AEROSOL
,Units:,mg/m^3
,Average:,0.008
,Minimum:,0.006
,Time of Minimum:,09:15:07
,Date of Minimum:,06/06/2012
,Maximum:,0.033
,Time of Maximum:,08:15:07
,Date of Maximum:,06/06/2012

Calibration,Sensor:,AEROSOL
,Cal. date,05/23/2012

Date,Time,AEROSOL
MM/dd/yyyy,hh:mm:ss,mg/m^3
06/06/2012,08:15:07,0.033
06/06/2012,08:25:07,0.012
06/06/2012,08:35:07,0.015
06/06/2012,08:45:07,0.010
06/06/2012,08:55:07,0.009
06/06/2012,09:05:07,0.008
06/06/2012,09:15:07,0.006
06/06/2012,09:25:07,0.006
06/06/2012,09:35:07,0.007
06/06/2012,09:45:07,0.007
06/06/2012,09:55:07,0.007
06/06/2012,10:05:07,0.007
06/06/2012,10:15:07,0.008
06/06/2012,10:25:07,0.007
06/06/2012,10:35:07,0.007
06/06/2012,10:45:07,0.007
06/06/2012,10:55:07,0.006
06/06/2012,11:05:07,0.007
06/06/2012,11:15:07,0.007
06/06/2012,11:25:07,0.007
06/06/2012,11:35:07,0.006
06/06/2012,11:45:07,0.007
06/06/2012,11:55:07,0.007
06/06/2012,12:05:07,0.007
06/06/2012,12:15:07,0.007
06/06/2012,12:25:07,0.007
06/06/2012,12:35:07,0.007
06/06/2012,12:45:07,0.006
06/06/2012,12:55:07,0.007
06/06/2012,12:56:07,0.008

pDR-1000 S/N: 00000 Downwind Dust Monitoring
Tag Number: 05 18-Jun-12
Number of logged points: 37
Start time and date: 08:40:42 18-Jun
Elapsed time: 05:24:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.009 mg/m³
Time at maximum: 10:09:16 Jun 18
Max STEL Concentration: 0.001 mg/m³
Time at max STEL: 08:45:42 Jun 18
Overall Avg Conc: 0.000 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	18-Jun	08:41:42	0.002
2	18-Jun	08:42:42	0.002
3	18-Jun	08:43:42	0.001
4	18-Jun	08:44:42	0.001
5	18-Jun	08:45:42	0.001
6	18-Jun	08:55:42	0
7	18-Jun	09:05:42	0
8	18-Jun	09:15:42	0
9	18-Jun	09:25:42	0
10	18-Jun	09:35:42	0
11	18-Jun	09:45:42	0
12	18-Jun	09:55:42	0
13	18-Jun	10:05:42	0
14	18-Jun	10:15:42	0
15	18-Jun	10:25:42	0
16	18-Jun	10:35:42	0
17	18-Jun	10:45:42	0
18	18-Jun	10:55:42	0
19	18-Jun	11:05:42	0
20	18-Jun	11:15:42	0
21	18-Jun	11:25:42	0
22	18-Jun	11:35:42	0
23	18-Jun	11:45:42	0
24	18-Jun	11:55:42	0
25	18-Jun	12:05:42	0
26	18-Jun	12:15:42	0
27	18-Jun	12:25:42	0
28	18-Jun	12:35:42	0
29	18-Jun	12:45:42	0
30	18-Jun	12:55:42	0
31	18-Jun	13:05:42	0
32	18-Jun	13:15:42	0
33	18-Jun	13:25:42	0
34	18-Jun	13:35:42	0
35	18-Jun	13:45:42	0
36	18-Jun	13:55:42	0
37	18-Jun	14:05:42	0

pDR-1000 S/N: 00000 Downwind Dust Monitoring
Tag Number: 06 19-Jun-12
Number of logged points: 45
Start time and date: 08:31:08 19-Jun
Elapsed time: 07:15:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.014 mg/m³
Time at maximum: 11:40:59 Jun 19
Max STEL Concentration: 0.008 mg/m³
Time at max STEL: 11:52:39 Jun 19
Overall Avg Conc: 0.004 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	19-Jun	08:32:08	0.002
2	19-Jun	08:42:08	0.001
3	19-Jun	08:52:08	0
4	19-Jun	09:02:08	0.002
5	19-Jun	09:12:08	0.002
6	19-Jun	09:22:08	0.001
7	19-Jun	09:32:08	0.001
8	19-Jun	09:42:08	0.002
9	19-Jun	09:52:08	0.003
10	19-Jun	10:02:08	0.003
11	19-Jun	10:12:08	0.002
12	19-Jun	10:22:08	0.003
13	19-Jun	10:32:08	0.004
14	19-Jun	10:42:08	0.002
15	19-Jun	10:52:08	0.006
16	19-Jun	11:02:08	0.003
17	19-Jun	11:12:08	0.007
18	19-Jun	11:22:08	0.006
19	19-Jun	11:32:08	0.006
20	19-Jun	11:42:08	0.008
21	19-Jun	11:52:08	0.006
22	19-Jun	12:02:08	0.007
23	19-Jun	12:12:08	0.008
24	19-Jun	12:22:08	0.008
25	19-Jun	12:32:08	0.009
26	19-Jun	12:42:08	0.006
27	19-Jun	12:52:08	0.007
28	19-Jun	13:02:08	0.005
29	19-Jun	13:12:08	0.004
30	19-Jun	13:22:08	0.004
31	19-Jun	13:32:08	0.004
32	19-Jun	13:42:08	0.004
33	19-Jun	13:52:08	0.004
34	19-Jun	14:02:08	0.004
35	19-Jun	14:12:08	0.005
36	19-Jun	14:22:08	0.003
37	19-Jun	14:32:08	0.002
38	19-Jun	14:42:08	0.004
39	19-Jun	14:52:08	0.004
40	19-Jun	15:02:08	0.004

pDR-1000 S/N: 00000 Downwind Dust Monitoring
Tag Number: 06 19-Jun-12
Number of logged points: 45
Start time and date: 08:31:08 19-Jun
Elapsed time: 07:15:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.014 mg/m³
Time at maximum: 11:40:59 Jun 19
Max STEL Concentration: 0.008 mg/m³
Time at max STEL: 11:52:39 Jun 19
Overall Avg Conc: 0.004 mg/m³

Logged Data:

41	19-Jun	15:12:08	0.004
42	19-Jun	15:22:08	0.003
43	19-Jun	15:32:08	0.004
44	19-Jun	15:42:08	0.004
45	19-Jun	15:46:08	0.006

pDR-1000 S/N: 00000 Downwind Dust Monitoring
Tag Number: 01 20-Jun-12
Number of logged points: 43
Start time and date: 08:30:21 20-Jun
Elapsed time: 07:00:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.034 mg/m³
Time at maximum: 08:30:23 Jun 20
Max STEL Concentration: 0.019 mg/m³
Time at max STEL: 08:45:22 Jun 20
Overall Avg Conc: 0.010 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	20-Jun	08:31:21	0.03
2	20-Jun	08:41:21	0.016
3	20-Jun	08:51:21	0.019
4	20-Jun	09:01:21	0.015
5	20-Jun	09:11:21	0.012
6	20-Jun	09:21:21	0.012
7	20-Jun	09:31:21	0.01
8	20-Jun	09:41:21	0.008
9	20-Jun	09:51:21	0.01
10	20-Jun	10:01:21	0.01
11	20-Jun	10:11:21	0.009
12	20-Jun	10:21:21	0.007
13	20-Jun	10:31:21	0.008
14	20-Jun	10:41:21	0.01
15	20-Jun	10:51:21	0.009
16	20-Jun	11:01:21	0.01
17	20-Jun	11:11:21	0.009
18	20-Jun	11:21:21	0.008
19	20-Jun	11:31:21	0.009
20	20-Jun	11:41:21	0.007
21	20-Jun	11:51:21	0.008
22	20-Jun	12:01:21	0.008
23	20-Jun	12:11:21	0.009
24	20-Jun	12:21:21	0.012
25	20-Jun	12:31:21	0.011
26	20-Jun	12:41:21	0.01
27	20-Jun	12:51:21	0.01
28	20-Jun	13:01:21	0.011
29	20-Jun	13:11:21	0.01
30	20-Jun	13:21:21	0.01
31	20-Jun	13:31:21	0.009
32	20-Jun	13:41:21	0.009
33	20-Jun	13:51:21	0.01
34	20-Jun	14:01:21	0.011
35	20-Jun	14:11:21	0.01
36	20-Jun	14:21:21	0.009
37	20-Jun	14:31:21	0.008
38	20-Jun	14:41:21	0.009
39	20-Jun	14:51:21	0.01
40	20-Jun	15:01:21	0.01

pDR-1000 S/N: 00000 Downwind Dust Monitoring
Tag Number: 01 20-Jun-12
Number of logged points: 43
Start time and date: 08:30:21 20-Jun
Elapsed time: 07:00:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.034 mg/m³
Time at maximum: 08:30:23 Jun 20
Max STEL Concentration: 0.019 mg/m³
Time at max STEL: 08:45:22 Jun 20
Overall Avg Conc: 0.010 mg/m³

Logged Data:

41	20-Jun	15:11:21	0.009
42	20-Jun	15:21:21	0.008
43	20-Jun	15:31:21	0.008

pDR-1000 S/N: 00000 Downwind Dust Monitoring
Tag Number: 01 21-Jun-12
Number of logged points: 37
Start time and date: 08:21:11 21-Jun
Elapsed time: 06:00:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.024 mg/m³
Time at maximum: 08:22:03 Jun 21
Max STEL Concentration: 0.014 mg/m³
Time at max STEL: 08:35:41 Jun 21
Overall Avg Conc: 0.009 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	21-Jun	08:22:11	0.019
2	21-Jun	08:32:11	0.014
3	21-Jun	08:42:11	0.011
4	21-Jun	08:52:11	0.01
5	21-Jun	09:02:11	0.012
6	21-Jun	09:12:11	0.011
7	21-Jun	09:22:11	0.01
8	21-Jun	09:32:11	0.012
9	21-Jun	09:42:11	0.01
10	21-Jun	09:52:11	0.008
11	21-Jun	10:02:11	0.009
12	21-Jun	10:12:11	0.008
13	21-Jun	10:22:11	0.01
14	21-Jun	10:32:11	0.01
15	21-Jun	10:42:11	0.009
16	21-Jun	10:52:11	0.011
17	21-Jun	11:02:11	0.011
18	21-Jun	11:12:11	0.008
19	21-Jun	11:22:11	0.009
20	21-Jun	11:32:11	0.008
21	21-Jun	11:42:11	0.008
22	21-Jun	11:52:11	0.008
23	21-Jun	12:02:11	0.007
24	21-Jun	12:12:11	0.009
25	21-Jun	12:22:11	0.008
26	21-Jun	12:32:11	0.008
27	21-Jun	12:42:11	0.008
28	21-Jun	12:52:11	0.008
29	21-Jun	13:02:11	0.007
30	21-Jun	13:12:11	0.007
31	21-Jun	13:22:11	0.007
32	21-Jun	13:32:11	0.007
33	21-Jun	13:42:11	0.007
34	21-Jun	13:52:11	0.008
35	21-Jun	14:02:11	0.006
36	21-Jun	14:12:11	0.009
37	21-Jun	14:22:11	0.007

pDR-1000 S/N: 00000 Downwind Dust Monitoring
Tag Number: 02 22-Jun-12
Number of logged points: 24
Start time and date: 08:18:31 22-Jun
Elapsed time: 02:12:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.039 mg/m³
Time at maximum: 15:10:35 Jun 22
Max STEL Concentration: 0.014 mg/m³
Time at max STEL: 08:32:01 Jun 22
Overall Avg Conc: 0.008 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	22-Jun	08:19:31	0.033
2	22-Jun	08:29:31	0.008
3	22-Jun	08:39:31	0.002
4	22-Jun	08:49:31	0.004
5	22-Jun	08:59:31	0.002
6	22-Jun	09:09:31	0.008
7	22-Jun	09:19:31	0.006
8	22-Jun	09:29:31	0.004
9	22-Jun	09:39:31	0.002
10	22-Jun	09:43:31	0.002
Dust monitor was shut down from approximately 09:44 to 13:00			
11	22-Jun	13:00:24	0.025
12	22-Jun	13:10:24	0.011
13	22-Jun	13:20:24	0.009
14	22-Jun	13:30:24	0.009
15	22-Jun	13:40:24	0.007
16	22-Jun	13:50:24	0.005
17	22-Jun	14:00:24	0.005
18	22-Jun	14:10:24	0.004
19	22-Jun	14:20:24	0.004
20	22-Jun	14:30:24	0.014
21	22-Jun	14:40:24	0.006
22	22-Jun	14:50:24	0.005
23	22-Jun	15:00:24	0.005
24	22-Jun	15:10:24	0.03

pDR-1000 S/N: 00000 Downwind Dust Monitoring
Tag Number: 01 25-Jun-12
Number of logged points: 35
Start time and date: 08:15:25 25-Jun
Elapsed time: 05:39:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.013 mg/m³
Time at maximum: 08:16:12 Jun 25
Max STEL Concentration: 0.000 mg/m³
Time at max STEL: 08:15:25 Jun 25
Overall Avg Conc: 0.000 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	25-Jun	08:16:25	0.004
2	25-Jun	08:26:25	0
3	25-Jun	08:36:25	0
4	25-Jun	08:46:25	0
5	25-Jun	08:56:25	0
6	25-Jun	09:06:25	0
7	25-Jun	09:16:25	0
8	25-Jun	09:26:25	0
9	25-Jun	09:36:25	0
10	25-Jun	09:46:25	0
11	25-Jun	09:56:25	0
12	25-Jun	10:06:25	0
13	25-Jun	10:16:25	0
14	25-Jun	10:26:25	0
15	25-Jun	10:36:25	0
16	25-Jun	10:46:25	0
17	25-Jun	10:56:25	0
18	25-Jun	11:06:25	0
19	25-Jun	11:16:25	0
20	25-Jun	11:26:25	0
21	25-Jun	11:36:25	0
22	25-Jun	11:46:25	0
23	25-Jun	11:56:25	0
24	25-Jun	12:06:25	0
25	25-Jun	12:16:25	0
26	25-Jun	12:26:25	0
27	25-Jun	12:36:25	0
28	25-Jun	12:46:25	0
29	25-Jun	12:56:25	0
30	25-Jun	13:06:25	0
31	25-Jun	13:16:25	0
32	25-Jun	13:26:25	0
33	25-Jun	13:36:25	0
34	25-Jun	13:46:25	0
35	25-Jun	13:54:25	0

pDR-1000 S/N: 00000 Downwind Dust Monitoring
Tag Number: 02 26-Jun-12
Number of logged points: 39
Start time and date: 08:13:33 26-Jun
Elapsed time: 06:21:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.050 mg/m³
Time at maximum: 08:13:51 Jun 26
Max STEL Concentration: 0.001 mg/m³
Time at max STEL: 08:14:04 Jun 26
Overall Avg Conc: 0.000 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	26-Jun	08:14:33	0.009
2	26-Jun	08:24:33	0
3	26-Jun	08:34:33	0
4	26-Jun	08:44:33	0
5	26-Jun	08:54:33	0
6	26-Jun	09:04:33	0
7	26-Jun	09:14:33	0
8	26-Jun	09:24:33	0
9	26-Jun	09:34:33	0
10	26-Jun	09:44:33	0
11	26-Jun	09:54:33	0
12	26-Jun	10:04:33	0
13	26-Jun	10:14:33	0
14	26-Jun	10:24:33	0
15	26-Jun	10:34:33	0
16	26-Jun	10:44:33	0
17	26-Jun	10:54:33	0
18	26-Jun	11:04:33	0
19	26-Jun	11:14:33	0
20	26-Jun	11:24:33	0
21	26-Jun	11:34:33	0
22	26-Jun	11:44:33	0
23	26-Jun	11:54:33	0
24	26-Jun	12:04:33	0
25	26-Jun	12:14:33	0
26	26-Jun	12:24:33	0
27	26-Jun	12:34:33	0
28	26-Jun	12:44:33	0
29	26-Jun	12:54:33	0
30	26-Jun	13:04:33	0
31	26-Jun	13:14:33	0
32	26-Jun	13:24:33	0
33	26-Jun	13:34:33	0
34	26-Jun	13:44:33	0
35	26-Jun	13:54:33	0
36	26-Jun	14:04:33	0
37	26-Jun	14:14:33	0
38	26-Jun	14:24:33	0
39	26-Jun	14:34:33	0

TrakPro Version 4.41 ASCII Data File

Model:,DustTrak II
Model Number:,8530
Serial Number:,8530102507
Test ID:,001
Test Abbreviation:,TEST 2_001 (Upwind)
Start Date:,06/04/2012
Start Time:,08:53:08
Duration (dd:hh:mm:ss):,0:06:45:00
Log Interval (mm:ss):,10:00
Number of points:,42
Notes:,

Statistics,Channel:,AEROSOL
,Units:,mg/m^3
,Average:,0.004
,Minimum:,0.002
,Time of Minimum:,08:59:08
,Date of Minimum:,06/04/2012
,Maximum:,0.015
,Time of Maximum:,08:54:08
,Date of Maximum:,06/04/2012

Calibration,Sensor:,AEROSOL
,Cal. date,03/12/2012

Date,Time,AEROSOL
MM/dd/yyyy,hh:mm:ss,mg/m^3
06/04/2012,08:54:08,0.015
06/04/2012,09:04:08,0.004
06/04/2012,09:14:08,0.002
06/04/2012,09:24:08,0.003
06/04/2012,09:34:08,0.004
06/04/2012,09:44:08,0.005
06/04/2012,09:54:08,0.005
06/04/2012,10:04:08,0.006
06/04/2012,10:14:08,0.004
06/04/2012,10:24:08,0.004
06/04/2012,10:34:08,0.004
06/04/2012,10:44:08,0.004
06/04/2012,10:54:08,0.004
06/04/2012,11:04:08,0.004
06/04/2012,11:14:08,0.004
06/04/2012,11:24:08,0.005
06/04/2012,11:34:08,0.004
06/04/2012,11:44:08,0.004
06/04/2012,11:54:08,0.004
06/04/2012,12:04:08,0.004
06/04/2012,12:14:08,0.003
06/04/2012,12:24:08,0.004
06/04/2012,12:34:08,0.003
06/04/2012,12:44:08,0.003
06/04/2012,12:54:08,0.003
06/04/2012,13:04:08,0.003
06/04/2012,13:14:08,0.002
06/04/2012,13:24:08,0.004
06/04/2012,13:34:08,0.003
06/04/2012,13:44:08,0.002
06/04/2012,13:54:08,0.003
06/04/2012,14:04:08,0.004
06/04/2012,14:14:08,0.002
06/04/2012,14:24:08,0.003

06/04/2012,14:34:08,0.002
06/04/2012,14:44:08,0.004
06/04/2012,14:54:08,0.003
06/04/2012,15:04:08,0.003
06/04/2012,15:14:08,0.004
06/04/2012,15:24:08,0.003
06/04/2012,15:34:08,0.003
06/04/2012,15:38:08,0.003

TrakPro Version 4.41 ASCII Data File

Model:,DustTrak II
Model Number:,8530
Serial Number:,8530102507
Test ID:,001
Test Abbreviation:,TEST 2_001 (Upwind)
Start Date:,06/05/2012
Start Time:,08:44:53
Duration (dd:hh:mm:ss):,0:10:55:00
Log Interval (mm:ss):,10:00
Number of points:,43
Notes:,

Statistics,Channel:,AEROSOL
,Units:,mg/m^3
,Average:,0.007
,Minimum:,0.000
,Time of Minimum:,19:39:32
,Date of Minimum:,06/05/2012
,Maximum:,0.055
,Time of Maximum:,08:45:53
,Date of Maximum:,06/05/2012

Calibration,Sensor:,AEROSOL
,Cal. date,03/12/2012

Date,Time,AEROSOL
MM/dd/yyyy,hh:mm:ss,mg/m^3
06/05/2012,08:45:53,0.055
06/05/2012,08:55:53,0.005
06/05/2012,09:05:53,0.004
06/05/2012,09:15:53,0.004
06/05/2012,09:25:53,0.003
06/05/2012,09:35:53,0.004
06/05/2012,09:45:53,0.004
06/05/2012,09:46:53,0.004
06/05/2012,09:55:53,0.004
06/05/2012,10:05:53,0.004
06/05/2012,10:15:53,0.004
06/05/2012,10:25:53,0.004
06/05/2012,10:35:53,0.004
06/05/2012,10:45:53,0.004
06/05/2012,10:55:53,0.004
06/05/2012,11:05:53,0.004
06/05/2012,11:15:53,0.005
06/05/2012,11:25:53,0.005
06/05/2012,11:35:53,0.006
06/05/2012,11:45:53,0.006
06/05/2012,11:55:53,0.007
06/05/2012,12:05:53,0.007
06/05/2012,12:15:53,0.009
06/05/2012,12:25:53,0.010
06/05/2012,12:35:53,0.010
06/05/2012,12:45:53,0.010
06/05/2012,12:55:53,0.011
06/05/2012,13:05:53,0.010
06/05/2012,13:15:53,0.010
06/05/2012,13:25:53,0.013
06/05/2012,13:35:53,0.009
06/05/2012,13:45:53,0.007
06/05/2012,13:55:53,0.007
06/05/2012,14:05:53,0.006

06/05/2012,14:15:53,0.006
06/05/2012,14:25:53,0.007
06/05/2012,14:35:53,0.007
06/05/2012,14:45:53,0.007
06/05/2012,14:55:53,0.008
06/05/2012,15:05:53,0.009
06/05/2012,15:15:53,0.010
06/05/2012,15:25:53,0.010
06/05/2012,19:39:53,0.015

Upwind - 6 June 2012
TrakPro Version 4.41 ASCII Data File

Model:,DustTrak II
Model Number:,8530
Serial Number:,8530102507
Test ID:,001
Test Abbreviation:,TEST 2_001 (Upwind)
Start Date:,06/06/2012
Start Time:,08:23:12
Duration (dd:hh:mm:ss):,0:04:37:00
Log Interval (mm:ss):,10:00
Number of points:,29
Notes:,

Statistics,Channel:,AEROSOL
,Units:,mg/m^3
,Average:,0.009
,Minimum:,0.007
,Time of Minimum:,09:14:12
,Date of Minimum:,06/06/2012
,Maximum:,0.079
,Time of Maximum:,12:54:12
,Date of Maximum:,06/06/2012

Calibration,Sensor:,AEROSOL
,Cal. date,03/12/2012

Date,Time,AEROSOL
MM/dd/yyyy,hh:mm:ss,mg/m^3
06/06/2012,08:24:12,0.014
06/06/2012,08:34:12,0.013
06/06/2012,08:44:12,0.010
06/06/2012,08:54:12,0.010
06/06/2012,09:04:12,0.008
06/06/2012,09:14:12,0.007
06/06/2012,09:24:12,0.007
06/06/2012,09:34:12,0.007
06/06/2012,09:44:12,0.008
06/06/2012,09:54:12,0.008
06/06/2012,10:04:12,0.008
06/06/2012,10:14:12,0.010
06/06/2012,10:24:12,0.009
06/06/2012,10:34:12,0.008
06/06/2012,10:44:12,0.007
06/06/2012,10:54:12,0.007
06/06/2012,11:04:12,0.008
06/06/2012,11:14:12,0.008
06/06/2012,11:24:12,0.008
06/06/2012,11:34:12,0.007
06/06/2012,11:44:12,0.008
06/06/2012,11:54:12,0.008
06/06/2012,12:04:12,0.008
06/06/2012,12:14:12,0.008
06/06/2012,12:24:12,0.008
06/06/2012,12:34:12,0.008
06/06/2012,12:44:12,0.007
06/06/2012,12:54:12,0.079
06/06/2012,13:00:12,0.007

pDR-1000 S/N: 00000 Upwind Dust Monitoring
Tag Number: 01 18-Jun-12
Number of logged points: 43
Start time and date: 08:29:28 18-Jun
Elapsed time: 06:58:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.493 mg/m³
Time at maximum: 08:30:32 Jun 18
Max STEL Concentration: 0.015 mg/m³
Time at max STEL: 08:43:28 Jun 18
Overall Avg Conc: 0.006 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	18-Jun	08:30:28	0.054
2	18-Jun	08:40:28	0.008
3	18-Jun	08:50:28	0.008
4	18-Jun	09:00:28	0.008
5	18-Jun	09:10:28	0.007
6	18-Jun	09:20:28	0.006
7	18-Jun	09:30:28	0.006
8	18-Jun	09:40:28	0.006
9	18-Jun	09:50:28	0.006
10	18-Jun	10:00:28	0.006
11	18-Jun	10:10:28	0.005
12	18-Jun	10:20:28	0.005
13	18-Jun	10:30:28	0.006
14	18-Jun	10:40:28	0.005
15	18-Jun	10:50:28	0.005
16	18-Jun	11:00:28	0.006
17	18-Jun	11:10:28	0.005
18	18-Jun	11:20:28	0.006
19	18-Jun	11:30:28	0.005
20	18-Jun	11:40:28	0.005
21	18-Jun	11:50:28	0.005
22	18-Jun	12:00:28	0.006
23	18-Jun	12:10:28	0.005
24	18-Jun	12:20:28	0.005
25	18-Jun	12:30:28	0.005
26	18-Jun	12:40:28	0.005
27	18-Jun	12:50:28	0.005
28	18-Jun	13:00:28	0.005
29	18-Jun	13:10:28	0.005
30	18-Jun	13:20:28	0.005
31	18-Jun	13:30:28	0.004
32	18-Jun	13:40:28	0.004
33	18-Jun	13:50:28	0.004
34	18-Jun	14:00:28	0.004
35	18-Jun	14:10:28	0.004
36	18-Jun	14:20:28	0.005
37	18-Jun	14:30:28	0.005

pDR-1000 S/N: 00000 Upwind Dust Monitoring
Tag Number: 01 18-Jun-12
Number of logged points: 43
Start time and date: 08:29:28 18-Jun
Elapsed time: 06:58:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.493 mg/m³
Time at maximum: 08:30:32 Jun 18
Max STEL Concentration: 0.015 mg/m³
Time at max STEL: 08:43:28 Jun 18
Overall Avg Conc: 0.006 mg/m³

Logged Data:

38	18-Jun	14:40:28	0.005
39	18-Jun	14:50:28	0.004
40	18-Jun	15:00:28	0.006
41	18-Jun	15:10:28	0.006
42	18-Jun	15:20:28	0.005
43	18-Jun	15:27:28	0.004

pDR-1000 S/N: 00000 Upwind Dust Monitoring
Tag Number: 02 19-Jun-12
Number of logged points: 45
Start time and date: 08:35:01 19-Jun
Elapsed time: 07:13:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.578 mg/m³
Time at maximum: 15:47:16 Jun 19
Max STEL Concentration: 0.019 mg/m³
Time at max STEL: 15:48:02 Jun 19
Overall Avg Conc: 0.012 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	19-Jun	08:36:01	0.012
2	19-Jun	08:46:01	0.008
3	19-Jun	08:56:01	0.009
4	19-Jun	09:06:01	0.01
5	19-Jun	09:16:01	0.011
6	19-Jun	09:26:01	0.01
7	19-Jun	09:36:01	0.011
8	19-Jun	09:46:01	0.01
9	19-Jun	09:56:01	0.009
10	19-Jun	10:06:01	0.009
11	19-Jun	10:16:01	0.011
12	19-Jun	10:26:01	0.012
13	19-Jun	10:36:01	0.01
14	19-Jun	10:46:01	0.01
15	19-Jun	10:56:01	0.012
16	19-Jun	11:06:01	0.01
17	19-Jun	11:16:01	0.013
18	19-Jun	11:26:01	0.013
19	19-Jun	11:36:01	0.012
20	19-Jun	11:46:01	0.013
21	19-Jun	11:56:01	0.013
22	19-Jun	12:06:01	0.014
23	19-Jun	12:16:01	0.015
24	19-Jun	12:26:01	0.017
25	19-Jun	12:36:01	0.014
26	19-Jun	12:46:01	0.012
27	19-Jun	12:56:01	0.011
28	19-Jun	13:06:01	0.011
29	19-Jun	13:16:01	0.01
30	19-Jun	13:26:01	0.01
31	19-Jun	13:36:01	0.01
32	19-Jun	13:46:01	0.01
33	19-Jun	13:56:01	0.01
34	19-Jun	14:06:01	0.011
35	19-Jun	14:16:01	0.01
36	19-Jun	14:26:01	0.011
37	19-Jun	14:36:01	0.013

pDR-1000 S/N: 00000 Upwind Dust Monitoring
Tag Number: 02 19-Jun-12
Number of logged points: 45
Start time and date: 08:35:01 19-Jun
Elapsed time: 07:13:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.578 mg/m³
Time at maximum: 15:47:16 Jun 19
Max STEL Concentration: 0.019 mg/m³
Time at max STEL: 15:48:02 Jun 19
Overall Avg Conc: 0.012 mg/m³

Logged Data:

38	19-Jun	14:46:01	0.01
39	19-Jun	14:56:01	0.009
40	19-Jun	15:06:01	0.01
41	19-Jun	15:16:01	0.011
42	19-Jun	15:26:01	0.012
43	19-Jun	15:36:01	0.011
44	19-Jun	15:46:01	0.011
45	19-Jun	15:48:01	0.117

pDR-1000 S/N: 00000 Upwind Dust Monitoring
Tag Number: 01 20-Jun-12
Number of logged points: 43
Start time and date: 08:25:33 20-Jun
Elapsed time: 07:01:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.036 mg/m³
Time at maximum: 08:25:35 Jun 20
Max STEL Concentration: 0.023 mg/m³
Time at max STEL: 08:40:33 Jun 20
Overall Avg Conc: 0.015 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	20-Jun	08:26:33	0.033
2	20-Jun	08:36:33	0.02
3	20-Jun	08:46:33	0.021
4	20-Jun	08:56:33	0.019
5	20-Jun	09:06:33	0.015
6	20-Jun	09:16:33	0.015
7	20-Jun	09:26:33	0.017
8	20-Jun	09:36:33	0.012
9	20-Jun	09:46:33	0.016
10	20-Jun	09:56:33	0.014
11	20-Jun	10:06:33	0.016
12	20-Jun	10:16:33	0.015
13	20-Jun	10:26:33	0.013
14	20-Jun	10:36:33	0.014
15	20-Jun	10:46:33	0.015
16	20-Jun	10:56:33	0.016
17	20-Jun	11:06:33	0.015
18	20-Jun	11:16:33	0.016
19	20-Jun	11:26:33	0.013
20	20-Jun	11:36:33	0.013
21	20-Jun	11:46:33	0.015
22	20-Jun	11:56:33	0.014
23	20-Jun	12:06:33	0.015
24	20-Jun	12:16:33	0.015
25	20-Jun	12:26:33	0.015
26	20-Jun	12:36:33	0.015
27	20-Jun	12:46:33	0.016
28	20-Jun	12:56:33	0.015
29	20-Jun	13:06:33	0.014
30	20-Jun	13:16:33	0.016
31	20-Jun	13:26:33	0.014
32	20-Jun	13:36:33	0.015
33	20-Jun	13:46:33	0.015
34	20-Jun	13:56:33	0.016
35	20-Jun	14:06:33	0.015
36	20-Jun	14:16:33	0.014
37	20-Jun	14:26:33	0.015

pDR-1000 S/N: 00000 Upwind Dust Monitoring
Tag Number: 01 20-Jun-12
Number of logged points: 43
Start time and date: 08:25:33 20-Jun
Elapsed time: 07:01:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.036 mg/m³
Time at maximum: 08:25:35 Jun 20
Max STEL Concentration: 0.023 mg/m³
Time at max STEL: 08:40:33 Jun 20
Overall Avg Conc: 0.015 mg/m³

Logged Data:

38	20-Jun	14:36:33	0.015
39	20-Jun	14:46:33	0.014
40	20-Jun	14:56:33	0.012
41	20-Jun	15:06:33	0.014
42	20-Jun	15:16:33	0.015
43	20-Jun	15:26:33	0.013

pDR-1000 S/N: 00000 Upwind Dust Monitoring
Tag Number: 01 21-Jun-12
Number of logged points: 37
Start time and date: 08:25:45 21-Jun
Elapsed time: 05:53:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.460 mg/m³
Time at maximum: 13:13:58 Jun 21
Max STEL Concentration: 0.028 mg/m³
Time at max STEL: 13:15:45 Jun 21
Overall Avg Conc: 0.018 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	21-Jun	08:26:45	0.062
2	21-Jun	08:36:45	0.021
3	21-Jun	08:46:45	0.018
4	21-Jun	08:56:45	0.021
5	21-Jun	09:06:45	0.021
6	21-Jun	09:16:45	0.021
7	21-Jun	09:26:45	0.019
8	21-Jun	09:36:45	0.021
9	21-Jun	09:46:45	0.018
10	21-Jun	09:56:45	0.018
11	21-Jun	10:06:45	0.019
12	21-Jun	10:16:45	0.019
13	21-Jun	10:26:45	0.017
14	21-Jun	10:36:45	0.017
15	21-Jun	10:46:45	0.019
16	21-Jun	10:56:45	0.019
17	21-Jun	11:06:45	0.016
18	21-Jun	11:16:45	0.016
19	21-Jun	11:26:45	0.016
20	21-Jun	11:36:45	0.015
21	21-Jun	11:46:45	0.015
22	21-Jun	11:56:45	0.016
23	21-Jun	12:06:45	0.017
24	21-Jun	12:16:45	0.015
25	21-Jun	12:26:45	0.016
26	21-Jun	12:36:45	0.016
27	21-Jun	12:46:45	0.016
28	21-Jun	12:56:45	0.015
29	21-Jun	13:06:45	0.016
30	21-Jun	13:16:45	0.018
31	21-Jun	13:26:45	0.014
32	21-Jun	13:36:45	0.014
33	21-Jun	13:46:45	0.016
34	21-Jun	13:56:45	0.015
35	21-Jun	14:06:45	0.016
36	21-Jun	14:16:45	0.016
37	21-Jun	14:18:45	0.016

pDR-1000 S/N: 00000 Upwind Dust Monitoring
Tag Number: 02 22-Jun-12
Number of logged points: 43
Start time and date: 08:13:40 22-Jun
Elapsed time: 06:59:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.061 mg/m³
Time at maximum: 15:13:01 Jun 22
Max STEL Concentration: 0.023 mg/m³
Time at max STEL: 08:28:11 Jun 22
Overall Avg Conc: 0.019 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	22-Jun	08:14:40	0.038
2	22-Jun	08:24:40	0.018
3	22-Jun	08:34:40	0.014
4	22-Jun	08:44:40	0.014
5	22-Jun	08:54:40	0.015
6	22-Jun	09:04:40	0.016
7	22-Jun	09:14:40	0.023
8	22-Jun	09:24:40	0.02
9	22-Jun	09:34:40	0.022
10	22-Jun	09:44:40	0.019
11	22-Jun	09:54:40	0.019
12	22-Jun	10:04:40	0.021
13	22-Jun	10:14:40	0.019
14	22-Jun	10:24:40	0.018
15	22-Jun	10:34:40	0.018
16	22-Jun	10:44:40	0.021
17	22-Jun	10:54:40	0.02
18	22-Jun	11:04:40	0.022
19	22-Jun	11:14:40	0.02
20	22-Jun	11:24:40	0.02
21	22-Jun	11:34:40	0.021
22	22-Jun	11:44:40	0.022
23	22-Jun	11:54:40	0.019
24	22-Jun	12:04:40	0.019
25	22-Jun	12:14:40	0.023
26	22-Jun	12:24:40	0.02
27	22-Jun	12:34:40	0.018
28	22-Jun	12:44:40	0.017
29	22-Jun	12:54:40	0.017
30	22-Jun	13:04:40	0.018
31	22-Jun	13:14:40	0.016
32	22-Jun	13:24:40	0.017
33	22-Jun	13:34:40	0.019
34	22-Jun	13:44:40	0.017
35	22-Jun	13:54:40	0.017
36	22-Jun	14:04:40	0.017
37	22-Jun	14:14:40	0.016

pDR-1000 S/N: 00000 Upwind Dust Monitoring
Tag Number: 02 22-Jun-12
Number of logged points: 43
Start time and date: 08:13:40 22-Jun
Elapsed time: 06:59:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.061 mg/m³
Time at maximum: 15:13:01 Jun 22
Max STEL Concentration: 0.023 mg/m³
Time at max STEL: 08:28:11 Jun 22
Overall Avg Conc: 0.019 mg/m³

Logged Data:

38	22-Jun	14:24:40	0.018
39	22-Jun	14:34:40	0.022
40	22-Jun	14:44:40	0.019
41	22-Jun	14:54:40	0.015
42	22-Jun	15:04:40	0.016
43	22-Jun	15:12:40	0.018

pDR-1000 S/N: 00000 Upwind Dust Monitoring
Tag Number: 01 25-Jun-12
Number of logged points: 35
Start time and date: 08:18:44 25-Jun
Elapsed time: 05:40:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.019 mg/m³
Time at maximum: 08:18:47 Jun 25
Max STEL Concentration: 0.008 mg/m³
Time at max STEL: 08:33:44 Jun 25
Overall Avg Conc: 0.006 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	25-Jun	08:19:44	0.01
2	25-Jun	08:29:44	0.007
3	25-Jun	08:39:44	0.007
4	25-Jun	08:49:44	0.007
5	25-Jun	08:59:44	0.007
6	25-Jun	09:09:44	0.006
7	25-Jun	09:19:44	0.007
8	25-Jun	09:29:44	0.006
9	25-Jun	09:39:44	0.006
10	25-Jun	09:49:44	0.007
11	25-Jun	09:59:44	0.007
12	25-Jun	10:09:44	0.007
13	25-Jun	10:19:44	0.007
14	25-Jun	10:29:44	0.006
15	25-Jun	10:39:44	0.006
16	25-Jun	10:49:44	0.004
17	25-Jun	10:59:44	0.003
18	25-Jun	11:09:44	0.004
19	25-Jun	11:19:44	0.004
20	25-Jun	11:29:44	0.004
21	25-Jun	11:39:44	0.004
22	25-Jun	11:49:44	0.004
23	25-Jun	11:59:44	0.004
24	25-Jun	12:09:44	0.003
25	25-Jun	12:19:44	0.003
26	25-Jun	12:29:44	0.005
27	25-Jun	12:39:44	0.005
28	25-Jun	12:49:44	0.006
29	25-Jun	12:59:44	0.006
30	25-Jun	13:09:44	0.008
31	25-Jun	13:19:44	0.008
32	25-Jun	13:29:44	0.007
33	25-Jun	13:39:44	0.007
34	25-Jun	13:49:44	0.007
35	25-Jun	13:58:44	0.006

pDR-1000 S/N: 00000 Upwind Dust Monitoring
Tag Number: 02 26-Jun-12
Number of logged points: 40
Start time and date: 08:08:07 26-Jun
Elapsed time: 06:24:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.011 mg/m³
Time at maximum: 08:08:11 Jun 26
Max STEL Concentration: 0.007 mg/m³
Time at max STEL: 08:22:08 Jun 26
Overall Avg Conc: 0.006 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	26-Jun	08:09:07	0.008
2	26-Jun	08:19:07	0.007
3	26-Jun	08:29:07	0.007
4	26-Jun	08:39:07	0.007
5	26-Jun	08:49:07	0.006
6	26-Jun	08:59:07	0.006
7	26-Jun	09:09:07	0.006
8	26-Jun	09:19:07	0.006
9	26-Jun	09:29:07	0.006
10	26-Jun	09:39:07	0.006
11	26-Jun	09:49:07	0.006
12	26-Jun	09:59:07	0.006
13	26-Jun	10:09:07	0.006
14	26-Jun	10:19:07	0.006
15	26-Jun	10:29:07	0.006
16	26-Jun	10:39:07	0.006
17	26-Jun	10:49:07	0.006
18	26-Jun	10:59:07	0.006
19	26-Jun	11:09:07	0.005
20	26-Jun	11:19:07	0.006
21	26-Jun	11:29:07	0.006
22	26-Jun	11:39:07	0.006
23	26-Jun	11:49:07	0.005
24	26-Jun	11:59:07	0.006
25	26-Jun	12:09:07	0.006
26	26-Jun	12:19:07	0.006
27	26-Jun	12:29:07	0.005
28	26-Jun	12:39:07	0.006
29	26-Jun	12:49:07	0.005
30	26-Jun	12:59:07	0.006
31	26-Jun	13:09:07	0.005
32	26-Jun	13:19:07	0.005
33	26-Jun	13:29:07	0.005
34	26-Jun	13:39:07	0.005
35	26-Jun	13:49:07	0.005
36	26-Jun	13:59:07	0.005
37	26-Jun	14:09:07	0.005

pDR-1000 S/N: 00000 Upwind Dust Monitoring
Tag Number: 02 26-Jun-12
Number of logged points: 40
Start time and date: 08:08:07 26-Jun
Elapsed time: 06:24:00
Logging period (sec): 600
Calibration Factor (%): 100
Max Display Concentration: 0.011 mg/m³
Time at maximum: 08:08:11 Jun 26
Max STEL Concentration: 0.007 mg/m³
Time at max STEL: 08:22:08 Jun 26
Overall Avg Conc: 0.006 mg/m³

Logged Data:

38	26-Jun	14:19:07	0.005
39	26-Jun	14:29:07	0.005
40	26-Jun	14:32:07	0.005

12/06/04 09:06

Summary

Unit Name	MiniRAE 3000
Unit SN	592-907545
Unit Firmware Ver	V1.10A
Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	RAE00000
Begin	2012/06/04 09:06:22
End	2012/06/04 15:36:58
Sample Period(s)	600
Number of Records	40
Sensor	VOC(ppm)
Span	100.000
Span H	N/A
Low Alarm	5.000
High Alarm	100.000
Over Alarm	15000.000
STEL Alarm	25.000
TWA Alarm	10.000
Measurement Gas	Isobutylene
Calibration Time	2012/06/01 12:41
Peak	0.000
Min	0.000
Average	0.000

Datalog

Index	Date/Time	VOC(ppm)(Avg)	VOC(ppm)(Max)	VOC(ppm)(Real)
001	2012/06/04 09:07:22	0.019	0.097	0.000
002	2012/06/04 09:17:22	0.000	0.000	0.000
003	2012/06/04 09:27:22	0.000	0.000	0.000
004	2012/06/04 09:37:22	0.000	0.000	0.000
005	2012/06/04 09:47:22	0.000	0.000	0.000
006	2012/06/04 09:57:22	0.000	0.000	0.000
007	2012/06/04 10:07:22	0.000	0.000	0.000
008	2012/06/04 10:17:22	0.000	0.000	0.000
009	2012/06/04 10:27:22	0.000	0.000	0.000
010	2012/06/04 10:37:22	0.000	0.000	0.000
011	2012/06/04 10:47:22	0.000	0.000	0.000
012	2012/06/04 10:57:22	0.000	0.000	0.000
013	2012/06/04 11:07:22	0.000	0.000	0.000
014	2012/06/04 11:17:22	0.000	0.000	0.000
015	2012/06/04 11:27:22	0.000	0.000	0.000
016	2012/06/04 11:37:22	0.000	0.000	0.000
017	2012/06/04 11:47:22	0.000	0.000	0.000
018	2012/06/04 11:57:22	0.000	0.000	0.000
019	2012/06/04 12:07:22	0.000	0.000	0.000
020	2012/06/04 12:17:22	0.000	0.000	0.000
021	2012/06/04 12:27:22	0.000	0.000	0.000
022	2012/06/04 12:37:22	0.000	0.000	0.000

023, 2012/06/04 12:47:22, 0.000, 0.000, 0.000
024, 2012/06/04 12:57:22, 0.000, 0.000, 0.000
025, 2012/06/04 13:07:22, 0.000, 0.000, 0.000
026, 2012/06/04 13:17:22, 0.000, 0.000, 0.000
027, 2012/06/04 13:27:22, 0.000, 0.000, 0.000
028, 2012/06/04 13:37:22, 0.000, 0.000, 0.000
029, 2012/06/04 13:47:22, 0.000, 0.000, 0.000
030, 2012/06/04 13:57:22, 0.000, 0.000, 0.000
031, 2012/06/04 14:07:22, 0.000, 0.000, 0.000
032, 2012/06/04 14:17:22, 0.000, 0.000, 0.000
033, 2012/06/04 14:27:22, 0.000, 0.000, 0.000
034, 2012/06/04 14:37:22, 0.000, 0.000, 0.000
035, 2012/06/04 14:47:22, 0.000, 0.000, 0.000
036, 2012/06/04 14:57:22, 0.000, 0.000, 0.000
037, 2012/06/04 15:07:22, 0.000, 0.000, 0.000
038, 2012/06/04 15:17:22, 0.000, 0.000, 0.000
039, 2012/06/04 15:27:22, 0.000, 0.000, 0.000
040, 2012/06/04 15:36:22, 0.000, 0.000, 0.000
Peak, , 0.019, 0.097, 0.000,
Min, , 0.000, 0.000, 0.000,
Average, , 0.000, 0.000, 0.000,

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TWA/STEL
Index, Date/Time, VOC(ppm)(TWA), VOC(ppm)(STEL)
001, 2012/06/04 09:07:22, 0.000, ---
002, 2012/06/04 09:17:22, 0.000, ---
003, 2012/06/04 09:27:22, 0.000, 0.000
004, 2012/06/04 09:37:22, 0.000, 0.000
005, 2012/06/04 09:47:22, 0.000, 0.000
006, 2012/06/04 09:57:22, 0.000, 0.000
007, 2012/06/04 10:07:22, 0.000, 0.000
008, 2012/06/04 10:17:22, 0.000, 0.000
009, 2012/06/04 10:27:22, 0.000, 0.000
010, 2012/06/04 10:37:22, 0.000, 0.000
011, 2012/06/04 10:47:22, 0.000, 0.000
012, 2012/06/04 10:57:22, 0.000, 0.000
013, 2012/06/04 11:07:22, 0.000, 0.000
014, 2012/06/04 11:17:22, 0.000, 0.000
015, 2012/06/04 11:27:22, 0.000, 0.000
016, 2012/06/04 11:37:22, 0.000, 0.000
017, 2012/06/04 11:47:22, 0.000, 0.000
018, 2012/06/04 11:57:22, 0.000, 0.000
019, 2012/06/04 12:07:22, 0.000, 0.000
020, 2012/06/04 12:17:22, 0.000, 0.000
021, 2012/06/04 12:27:22, 0.000, 0.000
022, 2012/06/04 12:37:22, 0.000, 0.000
023, 2012/06/04 12:47:22, 0.000, 0.000
024, 2012/06/04 12:57:22, 0.000, 0.000
025, 2012/06/04 13:07:22, 0.000, 0.000
026, 2012/06/04 13:17:22, 0.000, 0.000
027, 2012/06/04 13:27:22, 0.000, 0.000
028, 2012/06/04 13:37:22, 0.000, 0.000
029, 2012/06/04 13:47:22, 0.000, 0.000
030, 2012/06/04 13:57:22, 0.000, 0.000
031, 2012/06/04 14:07:22, 0.000, 0.000
032, 2012/06/04 14:17:22, 0.000, 0.000
033, 2012/06/04 14:27:22, 0.000, 0.000
034, 2012/06/04 14:37:22, 0.000, 0.000
035, 2012/06/04 14:47:22, 0.000, 0.000
036, 2012/06/04 14:57:22, 0.000, 0.000
037, 2012/06/04 15:07:22, 0.000, 0.000
038, 2012/06/04 15:17:22, 0.000, 0.000

039, 2012/06/04 15:27:22, 0.000, 0.000
040, 2012/06/04 15:36:22, 0.000, 0.000

□==========
12/06/05 08:55
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Summary

Unit Name	MiniRAE 3000
Unit SN	592-907545
Unit Firmware Ver	V1.10A
Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	RAE00000
Begin	2012/06/05 08:55:34
End	2012/06/05 15:39:33
Sample Period(s)	600
Number of Records	42
Sensor	VOC(ppm)
Span	100.000
Span H	N/A
Low Alarm	5.000
High Alarm	100.000
Over Alarm	15000.000
STEL Alarm	25.000
TWA Alarm	10.000
Measurement Gas	Isobutylene
Calibration Time	2012/06/04 19:21
Peak	0.000
Min	0.000
Average	0.000

****
Datalog
Index, Date/Time, VOC(ppm)(Avg), VOC(ppm)(Max), VOC(ppm)(Real)
001, 2012/06/05 08:56:34, 0.000, 0.000, 0.000
002, 2012/06/05 09:06:34, 0.000, 0.000, 0.000
003, 2012/06/05 09:16:34, 0.000, 0.000, 0.000
004, 2012/06/05 09:26:34, 0.000, 0.000, 0.000
005, 2012/06/05 09:36:34, 0.000, 0.000, 0.000
006, 2012/06/05 09:46:34, 0.000, 0.000, 0.000
007, 2012/06/05 09:56:34, 0.000, 0.000, 0.000
008, 2012/06/05 10:06:34, 0.000, 0.000, 0.000
009, 2012/06/05 10:16:34, 0.000, 0.000, 0.000
010, 2012/06/05 10:26:34, 0.000, 0.000, 0.000
011, 2012/06/05 10:36:34, 0.000, 0.000, 0.000
012, 2012/06/05 10:46:34, 0.000, 0.000, 0.000
013, 2012/06/05 10:56:34, 0.000, 0.000, 0.000
014, 2012/06/05 11:06:34, 0.000, 0.000, 0.000
015, 2012/06/05 11:16:34, 0.000, 0.000, 0.000
016, 2012/06/05 11:26:34, 0.000, 0.000, 0.000
017, 2012/06/05 11:36:34, 0.000, 0.000, 0.000
018, 2012/06/05 11:46:34, 0.000, 0.000, 0.000

019, 2012/06/05 11:56:34, 0.000, 0.000, 0.000
020, 2012/06/05 12:06:34, 0.000, 0.000, 0.000
021, 2012/06/05 12:16:34, 0.000, 0.000, 0.000
022, 2012/06/05 12:26:34, 0.000, 0.000, 0.000
023, 2012/06/05 12:36:34, 0.000, 0.000, 0.000
024, 2012/06/05 12:46:34, 0.000, 0.000, 0.000
025, 2012/06/05 12:56:34, 0.000, 0.000, 0.000
026, 2012/06/05 13:06:34, 0.000, 0.000, 0.000
027, 2012/06/05 13:16:34, 0.000, 0.000, 0.000
028, 2012/06/05 13:26:34, 0.000, 0.000, 0.000
029, 2012/06/05 13:36:34, 0.000, 0.000, 0.000
030, 2012/06/05 13:46:34, 0.000, 0.000, 0.000
031, 2012/06/05 13:56:34, 0.000, 0.000, 0.000
032, 2012/06/05 14:06:34, 0.000, 0.000, 0.000
033, 2012/06/05 14:16:34, 0.000, 0.000, 0.000
034, 2012/06/05 14:26:34, 0.000, 0.000, 0.000
035, 2012/06/05 14:36:34, 0.000, 0.000, 0.000
036, 2012/06/05 14:46:34, 0.000, 0.000, 0.000
037, 2012/06/05 14:56:34, 0.000, 0.000, 0.000
038, 2012/06/05 15:06:34, 0.000, 0.000, 0.000
039, 2012/06/05 15:16:34, 0.000, 0.000, 0.000
040, 2012/06/05 15:26:34, 0.000, 0.000, 0.000
041, 2012/06/05 15:36:34, 0.000, 0.000, 0.000
042, 2012/06/05 15:38:34, 0.000, 0.000, 0.000
Peak, , 0.000, 0.000, 0.000,
Min, , 0.000, 0.000, 0.000,
Average, , 0.000, 0.000, 0.000,

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TWA/STEL
Index, Date/Time, VOC(ppm)(TWA), VOC(ppm)(STEL)
001, 2012/06/05 08:56:34, 0.000, ---
002, 2012/06/05 09:06:34, 0.000, ---
003, 2012/06/05 09:16:34, 0.000, 0.000
004, 2012/06/05 09:26:34, 0.000, 0.000
005, 2012/06/05 09:36:34, 0.000, 0.000
006, 2012/06/05 09:46:34, 0.000, 0.000
007, 2012/06/05 09:56:34, 0.000, 0.000
008, 2012/06/05 10:06:34, 0.000, 0.000
009, 2012/06/05 10:16:34, 0.000, 0.000
010, 2012/06/05 10:26:34, 0.000, 0.000
011, 2012/06/05 10:36:34, 0.000, 0.000
012, 2012/06/05 10:46:34, 0.000, 0.000
013, 2012/06/05 10:56:34, 0.000, 0.000
014, 2012/06/05 11:06:34, 0.000, 0.000
015, 2012/06/05 11:16:34, 0.000, 0.000
016, 2012/06/05 11:26:34, 0.000, 0.000
017, 2012/06/05 11:36:34, 0.000, 0.000
018, 2012/06/05 11:46:34, 0.000, 0.000
019, 2012/06/05 11:56:34, 0.000, 0.000
020, 2012/06/05 12:06:34, 0.000, 0.000
021, 2012/06/05 12:16:34, 0.000, 0.000
022, 2012/06/05 12:26:34, 0.000, 0.000
023, 2012/06/05 12:36:34, 0.000, 0.000
024, 2012/06/05 12:46:34, 0.000, 0.000
025, 2012/06/05 12:56:34, 0.000, 0.000
026, 2012/06/05 13:06:34, 0.000, 0.000
027, 2012/06/05 13:16:34, 0.000, 0.000
028, 2012/06/05 13:26:34, 0.000, 0.000
029, 2012/06/05 13:36:34, 0.000, 0.000
030, 2012/06/05 13:46:34, 0.000, 0.000
031, 2012/06/05 13:56:34, 0.000, 0.000
032, 2012/06/05 14:06:34, 0.000, 0.000

033, 2012/06/05 14:16:34, 0.000, 0.000
034, 2012/06/05 14:26:34, 0.000, 0.000
035, 2012/06/05 14:36:34, 0.000, 0.000
036, 2012/06/05 14:46:34, 0.000, 0.000
037, 2012/06/05 14:56:34, 0.000, 0.000
038, 2012/06/05 15:06:34, 0.000, 0.000
039, 2012/06/05 15:16:34, 0.000, 0.000
040, 2012/06/05 15:26:34, 0.000, 0.000
041, 2012/06/05 15:36:34, 0.000, 0.000
042, 2012/06/05 15:38:34, 0.000, 0.000

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12/06/06 08:14
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Summary

Unit Name	MiniRAE 3000
Unit SN	592-907545
Unit Firmware Ver	V1.10A

Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	RAE00000
User ID	RAE00000

Begin	2012/06/06 08:14:14
End	2012/06/06 13:00:14
Sample Period(s)	600
Number of Records	30

Sensor	VOC(ppm)
Span	100.000
Span H	N/A
Low Alarm	5.000
High Alarm	100.000
Over Alarm	15000.000
STEL Alarm	25.000
TWA Alarm	10.000
Measurement Gas	Isobutylene
Calibration Time	2012/06/05 19:02
Peak	0.129
Min	0.000
Average	0.000

****
Datalog
Index, Date/Time, VOC(ppm)(Avg), VOC(ppm)(Max), VOC(ppm)(Real)
001, 2012/06/06 08:15:14, 0.424, 0.939, 0.129
002, 2012/06/06 08:25:14, 0.000, 0.000, 0.000
003, 2012/06/06 08:35:14, 0.000, 0.000, 0.000
004, 2012/06/06 08:45:14, 0.000, 0.000, 0.000
005, 2012/06/06 08:55:14, 0.000, 0.000, 0.000
006, 2012/06/06 09:05:14, 0.000, 0.000, 0.000
007, 2012/06/06 09:15:14, 0.000, 0.000, 0.000
008, 2012/06/06 09:25:14, 0.000, 0.000, 0.000
009, 2012/06/06 09:35:14, 0.000, 0.000, 0.000
010, 2012/06/06 09:45:14, 0.000, 0.000, 0.000

011, 2012/06/06 09:55:14, 0.000, 0.000, 0.000
012, 2012/06/06 10:05:14, 0.000, 0.000, 0.000
013, 2012/06/06 10:15:14, 0.000, 0.000, 0.000
014, 2012/06/06 10:25:14, 0.000, 0.000, 0.000
015, 2012/06/06 10:35:14, 0.000, 0.000, 0.000
016, 2012/06/06 10:45:14, 0.000, 0.000, 0.000
017, 2012/06/06 10:55:14, 0.000, 0.000, 0.000
018, 2012/06/06 11:05:14, 0.000, 0.000, 0.000
019, 2012/06/06 11:15:14, 0.000, 0.000, 0.000
020, 2012/06/06 11:25:14, 0.000, 0.000, 0.000
021, 2012/06/06 11:35:14, 0.000, 0.000, 0.000
022, 2012/06/06 11:45:14, 0.000, 0.000, 0.000
023, 2012/06/06 11:55:14, 0.000, 0.000, 0.000
024, 2012/06/06 12:05:14, 0.000, 0.000, 0.000
025, 2012/06/06 12:15:14, 0.000, 0.000, 0.000
026, 2012/06/06 12:25:14, 0.000, 0.000, 0.000
027, 2012/06/06 12:35:14, 0.000, 0.000, 0.000
028, 2012/06/06 12:45:14, 0.000, 0.000, 0.000
029, 2012/06/06 12:55:14, 0.000, 0.000, 0.000
030, 2012/06/06 13:00:14, 0.000, 0.000, 0.000
Peak, , 0.424, 0.939, 0.129,
Min, , 0.000, 0.000, 0.000,
Average, , 0.002, 0.004, 0.000,

****
TWA/STEL
Index, Date/Time, VOC(ppm)(TWA), VOC(ppm)(STEL)
001, 2012/06/06 08:15:14, 0.000, ---
002, 2012/06/06 08:25:14, 0.000, ---
003, 2012/06/06 08:35:14, 0.000, 0.000
004, 2012/06/06 08:45:14, 0.000, 0.000
005, 2012/06/06 08:55:14, 0.000, 0.000
006, 2012/06/06 09:05:14, 0.000, 0.000
007, 2012/06/06 09:15:14, 0.000, 0.000
008, 2012/06/06 09:25:14, 0.000, 0.000
009, 2012/06/06 09:35:14, 0.000, 0.000
010, 2012/06/06 09:45:14, 0.000, 0.000
011, 2012/06/06 09:55:14, 0.000, 0.000
012, 2012/06/06 10:05:14, 0.000, 0.000
013, 2012/06/06 10:15:14, 0.000, 0.000
014, 2012/06/06 10:25:14, 0.000, 0.000
015, 2012/06/06 10:35:14, 0.000, 0.000
016, 2012/06/06 10:45:14, 0.000, 0.000
017, 2012/06/06 10:55:14, 0.000, 0.000
018, 2012/06/06 11:05:14, 0.000, 0.000
019, 2012/06/06 11:15:14, 0.000, 0.000
020, 2012/06/06 11:25:14, 0.000, 0.000
021, 2012/06/06 11:35:14, 0.000, 0.000
022, 2012/06/06 11:45:14, 0.000, 0.000
023, 2012/06/06 11:55:14, 0.000, 0.000
024, 2012/06/06 12:05:14, 0.000, 0.000
025, 2012/06/06 12:15:14, 0.000, 0.000
026, 2012/06/06 12:25:14, 0.000, 0.000
027, 2012/06/06 12:35:14, 0.000, 0.000
028, 2012/06/06 12:45:14, 0.000, 0.000
029, 2012/06/06 12:55:14, 0.000, 0.000
030, 2012/06/06 13:00:14, 0.000, 0.000

□==========
12/06/06 16:23
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PID Downwind - June 4-6, 2012

Summary

Unit Name	MiniRAE 3000
Unit SN	592-907545
Unit Firmware Ver	V1.10A
Running Mode	Hygiene Mode
Measure Type	Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	RAE00000
Begin	2012/06/06 16:23:26
End	2012/06/06 16:28:16
Sample Period(s)	60
Number of Records	4
Sensor	VOC(ppm)
Span	100.000
Span H	N/A
Low Alarm	5.000
High Alarm	100.000
Over Alarm	15000.000
STEL Alarm	25.000
TWA Alarm	10.000
Measurement Gas	Isobutylene
Calibration Time	2012/06/05 19:02
Peak	0.181
Min	0.000
Average	0.055

****

Datalog

Index	Date/Time	VOC(ppm)(Avg)	VOC(ppm)(Max)	VOC(ppm)(Real)
001	2012/06/06 16:24:26	0.430	0.998	0.181
002	2012/06/06 16:25:26	0.097	0.177	0.039
003	2012/06/06 16:26:26	0.021	0.041	0.000
004	2012/06/06 16:27:26	0.000	0.000	0.000
Peak	,	0.430	0.998	0.181
Min	,	0.000	0.000	0.000
Average	,	0.137	0.304	0.055

****

TWA/STEL

Index	Date/Time	VOC(ppm)(TWA)	VOC(ppm)(STEL)
001	2012/06/06 16:24:26	0.000	---
002	2012/06/06 16:25:26	0.000	---
003	2012/06/06 16:26:26	0.000	---
004	2012/06/06 16:27:26	0.000	---

PID Downwind - June 20-26, 2012

12/06/20 08:11

Summary

Unit Name	MiniRAE 3000
Unit SN	592-901773
Unit Firmware Ver	V1.05A
Running Mode	Hygiene Mode
Measure Type	Min; Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	00000001
Begin	2012/06/20 08:11:44
End	2012/06/20 15:31:16
Sample Period(s)	600
Number of Records	45
Sensor	VOC(ppm)
Span	100
Span H	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	35
Measurement Gas	Isobutene
Calibration Time	2012/06/19 18:31
Peak	0
Min	0
Average	0

Datalog

Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)	VOC(ppm)(Real)
001	2012/06/20 08:12:44	0	0	0	0
002	2012/06/20 08:22:44	0	0	0	0
003	2012/06/20 08:32:44	0	0	0	0
004	2012/06/20 08:42:44	0	0	0	0
005	2012/06/20 08:52:44	0	0	0	0
006	2012/06/20 09:02:44	0	0	0	0
007	2012/06/20 09:12:44	0	0	0	0
008	2012/06/20 09:22:44	0	0	0	0
009	2012/06/20 09:32:44	0	0	0	0
010	2012/06/20 09:42:44	0	0	0	0
011	2012/06/20 09:52:44	0	0	0	0
012	2012/06/20 10:02:44	0	0	0	0
013	2012/06/20 10:12:44	0	0	0	0
014	2012/06/20 10:22:44	0	0	0	0
015	2012/06/20 10:32:44	0	0	0	0
016	2012/06/20 10:42:44	0	0	0	0
017	2012/06/20 10:52:44	0	0	0	0
018	2012/06/20 11:02:44	0	0	0	0
019	2012/06/20 11:12:44	0	0	0	0
020	2012/06/20 11:22:44	0	0	0	0
021	2012/06/20 11:32:44	0	0	0	0

022	2012/06/20 11:42:44	0	0	0	0
023	2012/06/20 11:52:44	0	0	0	0
024	2012/06/20 12:02:44	0	0	0	0
025	2012/06/20 12:12:44	0	0	0	0
026	2012/06/20 12:22:44	0	0	0	0
027	2012/06/20 12:32:44	0	0	0	0
028	2012/06/20 12:42:44	0	0	0	0
029	2012/06/20 12:52:44	0	0	0	0
030	2012/06/20 13:02:44	0	0	0	0
031	2012/06/20 13:12:44	0	0	0	0
032	2012/06/20 13:22:44	0	0	0	0
033	2012/06/20 13:32:44	0	0	0	0
034	2012/06/20 13:42:44	0	0	0	0
035	2012/06/20 13:52:44	0	0	0	0
036	2012/06/20 14:02:44	0	0	0	0
037	2012/06/20 14:12:44	0	0	0	0
038	2012/06/20 14:22:44	0	0	0	0
039	2012/06/20 14:32:44	0	0	0	0
040	2012/06/20 14:42:44	0	0	0	0
041	2012/06/20 14:52:44	0	0	0	0
042	2012/06/20 15:02:44	0	0	0	0
043	2012/06/20 15:12:44	0	0	0	0
044	2012/06/20 15:22:44	0	0	0	0
045	2012/06/20 15:30:44	0	0	0	0
Peak	0	0	0	0	
Min	0	0	0	0	
Average	0	0	0	0	

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TWA/STEL

Index	Date/Time	VOC(ppm)(TWA)	VOC(ppm)(STEL)
001	2012/06/20 08:12:44	0	---
002	2012/06/20 08:22:44	0	---
003	2012/06/20 08:32:44	0	0
004	2012/06/20 08:42:44	0	0
005	2012/06/20 08:52:44	0	0
006	2012/06/20 09:02:44	0	0
007	2012/06/20 09:12:44	0	0
008	2012/06/20 09:22:44	0	0
009	2012/06/20 09:32:44	0	0
010	2012/06/20 09:42:44	0	0
011	2012/06/20 09:52:44	0	0
012	2012/06/20 10:02:44	0	0
013	2012/06/20 10:12:44	0	0
014	2012/06/20 10:22:44	0	0
015	2012/06/20 10:32:44	0	0
016	2012/06/20 10:42:44	0	0
017	2012/06/20 10:52:44	0	0
018	2012/06/20 11:02:44	0	0
019	2012/06/20 11:12:44	0	0
020	2012/06/20 11:22:44	0	0
021	2012/06/20 11:32:44	0	0
022	2012/06/20 11:42:44	0	0
023	2012/06/20 11:52:44	0	0
024	2012/06/20 12:02:44	0	0
025	2012/06/20 12:12:44	0	0
026	2012/06/20 12:22:44	0	0
027	2012/06/20 12:32:44	0	0
028	2012/06/20 12:42:44	0	0
029	2012/06/20 12:52:44	0	0
030	2012/06/20 13:02:44	0	0
031	2012/06/20 13:12:44	0	0
032	2012/06/20 13:22:44	0	0

033	2012/06/20 13:32:44	0	0
034	2012/06/20 13:42:44	0	0
035	2012/06/20 13:52:44	0	0
036	2012/06/20 14:02:44	0	0
037	2012/06/20 14:12:44	0	0
038	2012/06/20 14:22:44	0	0
039	2012/06/20 14:32:44	0	0
040	2012/06/20 14:42:44	0	0
041	2012/06/20 14:52:44	0	0
042	2012/06/20 15:02:44	0	0
043	2012/06/20 15:12:44	0	0
044	2012/06/20 15:22:44	0	0
045	2012/06/20 15:30:44	0	0

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12/06/21 08:13

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Summary

Unit Name	MiniRAE 3000
Unit SN	592-901773
Unit Firmware Ver	V1.05A

Running Mode	Hygiene Mode
Measure Type	Min; Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	RAE00000
User ID	00000001

Begin	2012/06/21 08:13:00
End	2012/06/21 14:21:55
Sample Period(s)	600
Number of Records	38

Sensor	VOC(ppm)
Span	100
Span H	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	35
Measurement Gas	Isobutene
Calibration Time	2012/06/20 19:38
Peak	0
Min	0
Average	0

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Datalog

Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)	VOC(ppm)(Real)
001	2012/06/21 08:14:00	0	0	0	0
002	2012/06/21 08:24:00	0	0	0	0
003	2012/06/21 08:34:00	0	0	0	0
004	2012/06/21 08:44:00	0	0	0	0
005	2012/06/21 08:54:00	0	0	0	0

006	2012/06/21 09:04:00	0	0	0	0
007	2012/06/21 09:14:00	0	0	0	0
008	2012/06/21 09:24:00	0	0	0	0
009	2012/06/21 09:34:00	0	0	0	0
010	2012/06/21 09:44:00	0	0	0	0
011	2012/06/21 09:54:00	0	0	0	0
012	2012/06/21 10:04:00	0	0	0	0
013	2012/06/21 10:14:00	0	0	0	0
014	2012/06/21 10:24:00	0	0	0	0
015	2012/06/21 10:34:00	0	0	0	0
016	2012/06/21 10:44:00	0	0	0	0
017	2012/06/21 10:54:00	0	0	0	0
018	2012/06/21 11:04:00	0	0	0	0
019	2012/06/21 11:14:00	0	0	0	0
020	2012/06/21 11:24:00	0	0	0	0
021	2012/06/21 11:34:00	0	0	0	0
022	2012/06/21 11:44:00	0	0	0	0
023	2012/06/21 11:54:00	0	0	0	0
024	2012/06/21 12:04:00	0	0	0	0
025	2012/06/21 12:14:00	0	0	0	0
026	2012/06/21 12:24:00	0	0	0	0
027	2012/06/21 12:34:00	0	0	0	0
028	2012/06/21 12:44:00	0	0	0	0
029	2012/06/21 12:54:00	0	0	0	0
030	2012/06/21 13:04:00	0	0	0	0
031	2012/06/21 13:14:00	0	0	0	0
032	2012/06/21 13:24:00	0	0	0	0
033	2012/06/21 13:34:00	0	0	0	0
034	2012/06/21 13:44:00	0	0	0	0
035	2012/06/21 13:54:00	0	0	0	0
036	2012/06/21 14:04:00	0	0	0	0
037	2012/06/21 14:14:00	0	0	0	0
038	2012/06/21 14:21:00	0	0	0	0
Peak		0	0	0	0
Min		0	0	0	0
Average		0	0	0	0

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TWA/STEL Index	Date/Time	VOC(ppm)(TWA)	VOC(ppm)(STEL)
001	2012/06/21 08:14:00	0	---
002	2012/06/21 08:24:00	0	---
003	2012/06/21 08:34:00	0	0
004	2012/06/21 08:44:00	0	0
005	2012/06/21 08:54:00	0	0
006	2012/06/21 09:04:00	0	0
007	2012/06/21 09:14:00	0	0
008	2012/06/21 09:24:00	0	0
009	2012/06/21 09:34:00	0	0
010	2012/06/21 09:44:00	0	0
011	2012/06/21 09:54:00	0	0
012	2012/06/21 10:04:00	0	0
013	2012/06/21 10:14:00	0	0
014	2012/06/21 10:24:00	0	0
015	2012/06/21 10:34:00	0	0
016	2012/06/21 10:44:00	0	0
017	2012/06/21 10:54:00	0	0
018	2012/06/21 11:04:00	0	0
019	2012/06/21 11:14:00	0	0
020	2012/06/21 11:24:00	0	0
021	2012/06/21 11:34:00	0	0
022	2012/06/21 11:44:00	0	0
023	2012/06/21 11:54:00	0	0

024	2012/06/21 12:04:00	0	0
025	2012/06/21 12:14:00	0	0
026	2012/06/21 12:24:00	0	0
027	2012/06/21 12:34:00	0	0
028	2012/06/21 12:44:00	0	0
029	2012/06/21 12:54:00	0	0
030	2012/06/21 13:04:00	0	0
031	2012/06/21 13:14:00	0	0
032	2012/06/21 13:24:00	0	0
033	2012/06/21 13:34:00	0	0
034	2012/06/21 13:44:00	0	0
035	2012/06/21 13:54:00	0	0
036	2012/06/21 14:04:00	0	0
037	2012/06/21 14:14:00	0	0
038	2012/06/21 14:21:00	0	0

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12/06/22 08:18

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Summary

Unit Name	MiniRAE 3000
Unit SN	592-901773
Unit Firmware Ver	V1.05A

Running Mode	Hygiene Mode
Measure Type	Min; Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	RAE00000
User ID	00000001

Begin	2012/06/22 08:18:32
End	2012/06/22 15:12:07
Sample Period(s)	600
Number of Records	43

Sensor	VOC(ppm)
Span	100
Span H	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	35
Measurement Gas	Isobutene
Calibration Time	2012/06/21 19:42
Peak	1
Min	0
Average	0

****

Datalog

Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)	VOC(ppm)(Real)
001	2012/06/22 08:19:32	0	0	0	0
002	2012/06/22 08:29:32	0	1	1	1
003	2012/06/22 08:39:32	0	0	0	0

004	2012/06/22	08:49:32	0	0	0	0
005	2012/06/22	08:59:32	0	0	0	0
006	2012/06/22	09:09:32	0	0	0	0
007	2012/06/22	09:19:32	0	0	0	0
008	2012/06/22	09:29:32	0	0	0	0
009	2012/06/22	09:39:32	0	0	0	0
010	2012/06/22	09:49:32	0	0	0	0
011	2012/06/22	09:59:32	0	0	0	0
012	2012/06/22	10:09:32	0	0	0	0
013	2012/06/22	10:19:32	0	0	0	0
014	2012/06/22	10:29:32	0	0	0	0
015	2012/06/22	10:39:32	0	0	0	0
016	2012/06/22	10:49:32	0	0	0	0
017	2012/06/22	10:59:32	0	0	0	0
018	2012/06/22	11:09:32	0	0	0	0
019	2012/06/22	11:19:32	0	0	0	0
020	2012/06/22	11:29:32	0	0	0	0
021	2012/06/22	11:39:32	0	0	0	0
022	2012/06/22	11:49:32	0	0	0	0
023	2012/06/22	11:59:32	0	0	0	0
024	2012/06/22	12:09:32	0	0	0	0
025	2012/06/22	12:19:32	0	0	0	0
026	2012/06/22	12:29:32	0	0	0	0
027	2012/06/22	12:39:32	0	0	0	0
028	2012/06/22	12:49:32	0	0	0	0
029	2012/06/22	12:59:32	0	0	0	0
030	2012/06/22	13:09:32	0	0	0	0
031	2012/06/22	13:19:32	0	0	0	0
032	2012/06/22	13:29:32	0	0	0	0
033	2012/06/22	13:39:32	0	0	0	0
034	2012/06/22	13:49:32	0	0	0	0
035	2012/06/22	13:59:32	0	0	0	0
036	2012/06/22	14:09:32	0	0	0	0
037	2012/06/22	14:19:32	0	0	0	0
038	2012/06/22	14:29:32	0	0	0	0
039	2012/06/22	14:39:32	0	0	0	0
040	2012/06/22	14:49:32	0	0	0	0
041	2012/06/22	14:59:32	0	0	0	0
042	2012/06/22	15:09:32	0	0	0	0
043	2012/06/22	15:11:32	0	0	0	0
Peak		1	1	1	1	
Min		0	0	0	0	
Average		0	0	0	0	

****

TWA/STEL

Index	Date/Time	VOC(ppm)(TWA)	VOC(ppm)(STEL)
001	2012/06/22 08:19:32	0	---
002	2012/06/22 08:29:32	0	---
003	2012/06/22 08:39:32	0	1
004	2012/06/22 08:49:32	0	0
005	2012/06/22 08:59:32	0	0
006	2012/06/22 09:09:32	0	0
007	2012/06/22 09:19:32	0	0
008	2012/06/22 09:29:32	0	0
009	2012/06/22 09:39:32	0	0
010	2012/06/22 09:49:32	0	0
011	2012/06/22 09:59:32	0	0
012	2012/06/22 10:09:32	0	0
013	2012/06/22 10:19:32	0	0
014	2012/06/22 10:29:32	0	0
015	2012/06/22 10:39:32	0	0
016	2012/06/22 10:49:32	0	0

017	2012/06/22 10:59:32	0	0
018	2012/06/22 11:09:32	0	0
019	2012/06/22 11:19:32	0	0
020	2012/06/22 11:29:32	0	0
021	2012/06/22 11:39:32	0	0
022	2012/06/22 11:49:32	0	0
023	2012/06/22 11:59:32	0	0
024	2012/06/22 12:09:32	0	0
025	2012/06/22 12:19:32	0	0
026	2012/06/22 12:29:32	0	0
027	2012/06/22 12:39:32	0	0
028	2012/06/22 12:49:32	0	0
029	2012/06/22 12:59:32	0	0
030	2012/06/22 13:09:32	0	0
031	2012/06/22 13:19:32	0	0
032	2012/06/22 13:29:32	0	0
033	2012/06/22 13:39:32	0	0
034	2012/06/22 13:49:32	0	0
035	2012/06/22 13:59:32	0	0
036	2012/06/22 14:09:32	0	0
037	2012/06/22 14:19:32	0	0
038	2012/06/22 14:29:32	0	0
039	2012/06/22 14:39:32	0	0
040	2012/06/22 14:49:32	0	0
041	2012/06/22 14:59:32	0	0
042	2012/06/22 15:09:32	0	0
043	2012/06/22 15:11:32	0	0

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12/06/25 08:08

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Summary

Unit Name	MiniRAE 3000
Unit SN	592-901773
Unit Firmware Ver	V1.05A

Running Mode	Hygiene Mode
Measure Type	Min; Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	RAE00000
User ID	00000001

Begin	2012/06/25 08:08:20
End	2012/06/25 13:56:30
Sample Period(s)	600
Number of Records	36

Sensor	VOC(ppm)
Span	100
Span H	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	35
Measurement Gas	Isobutene

PID Downwind - June 20-26, 2012

Calibration Time	2012/06/24 17:22
Peak	0
Min	0
Average	0

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Datalog

Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)	VOC(ppm)(Real)
001	2012/06/25 08:09:20	0	0	0	0
002	2012/06/25 08:19:20	0	0	0	0
003	2012/06/25 08:29:20	0	0	0	0
004	2012/06/25 08:39:20	0	0	0	0
005	2012/06/25 08:49:20	0	0	0	0
006	2012/06/25 08:59:20	0	0	0	0
007	2012/06/25 09:09:20	0	0	0	0
008	2012/06/25 09:19:20	0	0	0	0
009	2012/06/25 09:29:20	0	0	0	0
010	2012/06/25 09:39:20	0	0	0	0
011	2012/06/25 09:49:20	0	0	0	0
012	2012/06/25 09:59:20	0	0	0	0
013	2012/06/25 10:09:20	0	0	0	0
014	2012/06/25 10:19:20	0	0	0	0
015	2012/06/25 10:29:20	0	0	0	0
016	2012/06/25 10:39:20	0	0	0	0
017	2012/06/25 10:49:20	0	0	0	0
018	2012/06/25 10:59:20	0	0	0	0
019	2012/06/25 11:09:20	0	0	0	0
020	2012/06/25 11:19:20	0	0	0	0
021	2012/06/25 11:29:20	0	0	0	0
022	2012/06/25 11:39:20	0	0	0	0
023	2012/06/25 11:49:20	0	0	0	0
024	2012/06/25 11:59:20	0	0	0	0
025	2012/06/25 12:09:20	0	0	0	0
026	2012/06/25 12:19:20	0	0	0	0
027	2012/06/25 12:29:20	0	0	0	0
028	2012/06/25 12:39:20	0	0	0	0
029	2012/06/25 12:49:20	0	0	0	0
030	2012/06/25 12:59:20	0	0	0	0
031	2012/06/25 13:09:20	0	0	0	0
032	2012/06/25 13:19:20	0	0	0	0
033	2012/06/25 13:29:20	0	0	0	0
034	2012/06/25 13:39:20	0	0	0	0
035	2012/06/25 13:49:20	0	0	0	0
036	2012/06/25 13:56:20	0	0	0	0
Peak		0	0	0	0
Min		0	0	0	0
Average		0	0	0	0

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TWA/STEL

Index	Date/Time	VOC(ppm)(TWA)	VOC(ppm)(STEL)
001	2012/06/25 08:09:20	0	---
002	2012/06/25 08:19:20	0	---
003	2012/06/25 08:29:20	0	0
004	2012/06/25 08:39:20	0	0
005	2012/06/25 08:49:20	0	0
006	2012/06/25 08:59:20	0	0
007	2012/06/25 09:09:20	0	0
008	2012/06/25 09:19:20	0	0
009	2012/06/25 09:29:20	0	0
010	2012/06/25 09:39:20	0	0
011	2012/06/25 09:49:20	0	0

012	2012/06/25 09:59:20	0	0
013	2012/06/25 10:09:20	0	0
014	2012/06/25 10:19:20	0	0
015	2012/06/25 10:29:20	0	0
016	2012/06/25 10:39:20	0	0
017	2012/06/25 10:49:20	0	0
018	2012/06/25 10:59:20	0	0
019	2012/06/25 11:09:20	0	0
020	2012/06/25 11:19:20	0	0
021	2012/06/25 11:29:20	0	0
022	2012/06/25 11:39:20	0	0
023	2012/06/25 11:49:20	0	0
024	2012/06/25 11:59:20	0	0
025	2012/06/25 12:09:20	0	0
026	2012/06/25 12:19:20	0	0
027	2012/06/25 12:29:20	0	0
028	2012/06/25 12:39:20	0	0
029	2012/06/25 12:49:20	0	0
030	2012/06/25 12:59:20	0	0
031	2012/06/25 13:09:20	0	0
032	2012/06/25 13:19:20	0	0
033	2012/06/25 13:29:20	0	0
034	2012/06/25 13:39:20	0	0
035	2012/06/25 13:49:20	0	0
036	2012/06/25 13:56:20	0	0

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12/06/26 08:10

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Summary

Unit Name	MiniRAE 3000
Unit SN	592-901773
Unit Firmware Ver	V1.05A

Running Mode	Hygiene Mode
Measure Type	Min; Avg; Max; Real
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	RAE00000
User ID	00000001

Begin	2012/06/26 08:10:42
End	2012/06/26 14:36:40
Sample Period(s)	600
Number of Records	40

Sensor	VOC(ppm)
Span	100
Span H	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	35
Measurement Gas	Isobutene
Calibration Time	2012/06/25 18:42
Peak	0

Min	0
Average	0

****

Datalog

Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)	VOC(ppm)(Real)
001	2012/06/26 08:11:42	0	0	0	0
002	2012/06/26 08:21:42	0	0	0	0
003	2012/06/26 08:31:42	0	0	0	0
004	2012/06/26 08:41:42	0	0	0	0
005	2012/06/26 08:51:42	0	0	0	0
006	2012/06/26 09:01:42	0	0	0	0
007	2012/06/26 09:11:42	0	0	0	0
008	2012/06/26 09:21:42	0	0	0	0
009	2012/06/26 09:31:42	0	0	0	0
010	2012/06/26 09:41:42	0	0	0	0
011	2012/06/26 09:51:42	0	0	0	0
012	2012/06/26 10:01:42	0	0	0	0
013	2012/06/26 10:11:42	0	0	0	0
014	2012/06/26 10:21:42	0	0	0	0
015	2012/06/26 10:31:42	0	0	0	0
016	2012/06/26 10:41:42	0	0	0	0
017	2012/06/26 10:51:42	0	0	0	0
018	2012/06/26 11:01:42	0	0	0	0
019	2012/06/26 11:11:42	0	0	0	0
020	2012/06/26 11:21:42	0	0	0	0
021	2012/06/26 11:31:42	0	0	0	0
022	2012/06/26 11:41:42	0	0	0	0
023	2012/06/26 11:51:42	0	0	0	0
024	2012/06/26 12:01:42	0	0	0	0
025	2012/06/26 12:11:42	0	0	0	0
026	2012/06/26 12:21:42	0	0	0	0
027	2012/06/26 12:31:42	0	0	0	0
028	2012/06/26 12:41:42	0	0	0	0
029	2012/06/26 12:51:42	0	0	0	0
030	2012/06/26 13:01:42	0	0	0	0
031	2012/06/26 13:11:42	0	0	0	0
032	2012/06/26 13:21:42	0	0	0	0
033	2012/06/26 13:31:42	0	0	0	0
034	2012/06/26 13:41:42	0	0	0	0
035	2012/06/26 13:51:42	0	0	0	0
036	2012/06/26 14:01:42	0	0	0	0
037	2012/06/26 14:11:42	0	0	0	0
038	2012/06/26 14:21:42	0	0	0	0
039	2012/06/26 14:31:42	0	0	0	0
040	2012/06/26 14:35:42	0	0	0	0
Peak		0	0	0	0
Min		0	0	0	0
Average		0	0	0	0

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TWA/STEL

Index	Date/Time	VOC(ppm)(TWA)	VOC(ppm)(STEL)
001	2012/06/26 08:11:42	0	---
002	2012/06/26 08:21:42	0	---
003	2012/06/26 08:31:42	0	0
004	2012/06/26 08:41:42	0	0
005	2012/06/26 08:51:42	0	0
006	2012/06/26 09:01:42	0	0
007	2012/06/26 09:11:42	0	0
008	2012/06/26 09:21:42	0	0
009	2012/06/26 09:31:42	0	0

PID Downwind - June 20-26, 2012

010	2012/06/26 09:41:42	0	0
011	2012/06/26 09:51:42	0	0
012	2012/06/26 10:01:42	0	0
013	2012/06/26 10:11:42	0	0
014	2012/06/26 10:21:42	0	0
015	2012/06/26 10:31:42	0	0
016	2012/06/26 10:41:42	0	0
017	2012/06/26 10:51:42	0	0
018	2012/06/26 11:01:42	0	0
019	2012/06/26 11:11:42	0	0
020	2012/06/26 11:21:42	0	0
021	2012/06/26 11:31:42	0	0
022	2012/06/26 11:41:42	0	0
023	2012/06/26 11:51:42	0	0
024	2012/06/26 12:01:42	0	0
025	2012/06/26 12:11:42	0	0
026	2012/06/26 12:21:42	0	0
027	2012/06/26 12:31:42	0	0
028	2012/06/26 12:41:42	0	0
029	2012/06/26 12:51:42	0	0
030	2012/06/26 13:01:42	0	0
031	2012/06/26 13:11:42	0	0
032	2012/06/26 13:21:42	0	0
033	2012/06/26 13:31:42	0	0
034	2012/06/26 13:41:42	0	0
035	2012/06/26 13:51:42	0	0
036	2012/06/26 14:01:42	0	0
037	2012/06/26 14:11:42	0	0
038	2012/06/26 14:21:42	0	0
039	2012/06/26 14:31:42	0	0
040	2012/06/26 14:35:42	0	0

APPENDIX E

FWIA DECISION KEY

Appendix 3C Fish and Wildlife Resources Impact Analysis Decision Key		If YES Go to:	If NO Go to:
1.	Is the site or area of concern a discharge or spill event?	13	2
2.	Is the site or area of concern a point source of contamination to the groundwater which will be prevented from discharging to surface water? Soil contamination is not widespread, or if widespread, is confined under buildings and paved areas.	13	3
3.	Is the site and all adjacent property a developed area with buildings, paved surfaces and little or no vegetation?	4	9
4.	Does the site contain habitat of an endangered, threatened or special concern species?	Section 3.10.1	5
5.	Has the contamination gone off-site?	6	14
6.	Is there any discharge or erosion of contamination to surface water or the potential for discharge or erosion of contamination?	7	14
7.	Are the site contaminants PCBs, pesticides or other persistent, bioaccumulable substances?	Section 3.10.1	8
8.	Does contamination exist at concentrations that could exceed ecological impact SCGs or be toxic to aquatic life if discharged to surface water?	Section 3.10.1	14
9.	Does the site or any adjacent or downgradient property contain any of the following resources? i. Any endangered, threatened or special concern species or rare plants or their habitat ii. Any DEC designated significant habitats or rare NYS Ecological Communities iii. Tidal or freshwater wetlands iv. Stream, creek or river v. Pond, lake, lagoon vi. Drainage ditch or channel vii. Other surface water feature viii. Other marine or freshwater habitat ix. Forest x. Grassland or grassy field xi. Parkland or woodland xii. Shrubby area xiii. Urban wildlife habitat xiv. Other terrestrial habitat	11	10
10.	Is the lack of resources due to the contamination?	3.10.1	14
11.	Is the contamination a localized source which has not migrated and will not migrate from the source to impact any on-site or off-site resources?	14	12
12.	Does the site have widespread surface soil contamination that is not confined under and around buildings or paved areas?	Section 3.10.1	12
13.	Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? (See #9 for list of potential resources. Contact DEC for information regarding endangered species.)	Section 3.10.1	14
14.	No Fish and Wildlife Resources Impact Analysis needed.		

APPENDIX F

LABORATORY ANALYTICAL RESULTS FOR SOIL (ON ATTACHED CD)

APPENDIX G

LABORATORY ANALYTICAL RESULTS FOR WATER (ON ATTACHED CD)

APPENDIX H

LABORATORY ANALYTICAL RESULTS FOR SEDIMENT (ON ATTACHED CD)

APPENDIX I

DATA USABILITY SUMMARY REPORTS
(ON ATTACHED CD)