River Plaza Shopping Center

124 TO 134 WILDEY STREET
TARRYTOWN, WESTCHESTER COUNTY, NEW YORK

Site Management Plan

NYSDEC Site Number: 360084

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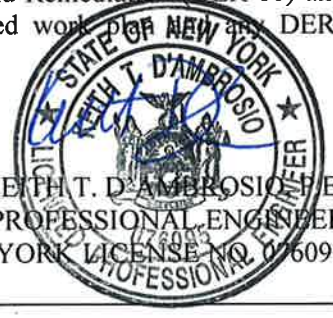
Revisions to Final Approved Site Management Plan:

Revision #	Submitted Date	Summary of Revision	DEC Approval Date
1	April 16, 2013	Update to include SSDS system in the Osaka Japanese Restaurant and well abandonment	

I, Keith T. D'ambrosio, certify that I am currently a New York State Professional Engineer and that this Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigations and Remediation (DER-10) and that all activities were performed in accordance with the DER-approved work plan and any DER-Approved modifications.



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UPDATED APRIL 2013

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SITE MANAGEMENT PLAN

1.0 INTRODUCTION AND DESCRIPTION OF REMEDIAL PROGRAM

1.1 INTRODUCTION

This document is required as an element of the remedial program at River Plaza Shopping Center located at 124 to 134 Wildey Street, Tarrytown, New York (hereinafter referred to as the "Site") under the New York State (NYS) Inactive Hazardous Waste Disposal Site Remedial Program administered by the New York State Department of Environmental Conservation (NYSDEC). The site was remediated in accordance with Order on Consent Index #W3-1127-08-11, Site #360084, which was executed on May 12, 2005 and last amended December 2008.

1.1.1 General

Acadia Tarrytown, LLC entered into an Order on Consent with the NYSDEC to remediate a 3.3-acre property located in Tarrytown, Westchester County, New York. This Order on Consent required the Remedial Party, Acadia Tarrytown, LLC, to investigate and remediate contaminated media at the site. A figure showing the site location and boundaries of this 3.3-acre site is provided in Figure 1. The boundaries of the site are more fully described in the metes and bounds site description that is part of the Environmental Easement.

After completion of the remedial work described in the Remedial Action Work Plan, some contamination was left in the subsurface at this site, which is hereafter referred to as 'remaining contamination." This Site Management Plan (SMP) was prepared to manage remaining contamination at the site until the Environmental Easement is extinguished in accordance with ECL Article 71, Title 36. All reports associated with the site can be viewed by contacting the NYSDEC or its successor agency managing environmental issues in New York State.

This SMP was prepared by Whitestone Associates, Inc., on behalf of Acadia Tarrytown, LLC, in accordance with the requirements in NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, dated May 2010, and the guidelines provided by NYSDEC. This SMP addresses the means for implementing the Institutional Controls (ICs) and Engineering Controls (ECs) that are required by the Environmental Easement for the site.

1.1.2 Purpose

The site contains contamination left after completion of the remedial action. Engineering Controls have been incorporated into the site remedy to control exposure to remaining contamination during the use of the site to ensure protection of public health and the environment. An Environmental Easement granted to the NYSDEC, and recorded with the

Westchester County Clerk, will require compliance with this SMP and all ECs and ICs placed on the site. The ICs place restrictions on site use, and mandate operation, maintenance, monitoring and reporting measures for all ECs and ICs. This SMP specifies the methods necessary ensure compliance with all ECs and ICs required by the Environmental Easement for contamination that remains at the site. This plan has been approved by the NYSDEC, and compliance with this plan is required by the grantor of the Environmental Easement and the grantor's successors and assigns. This SMP may only be revised with the approval of the NYSDEC.

This SMP provides a detailed description of all procedures required to manage remaining contamination at the site after completion of the Remedial Action, including: (1) implementation and management of all Engineering and Institutional Controls; (2) media monitoring; (3) operation and maintenance of all treatment, collection, containment, or recovery systems; (4) performance of periodic inspections, certification of results, and submittal of Periodic Review Reports; and (5) defining criteria for termination of treatment system operations.

To address these needs, this SMP includes three plans: (1) an Engineering and Institutional Control Plan for implementation and management of EC/ICs; (2) a Monitoring Plan for implementation of Site Monitoring; (3) an Operation and Maintenance Plan for implementation of remedial collection, containment, treatment, and recovery systems (including, where appropriate, preparation of an Operation and Maintenance Manual for complex systems).

This plan also includes a description of Periodic Review Reports for the periodic submittal of data, information, recommendations, and certifications to NYSDEC.

It is important to note that:

- This SMP details the site-specific implementation procedures that are required by the Environmental Easement. Failure to properly implement the SMP is a violation of the Environmental Easement, which is grounds for revocation of the Certificate of Completion (COC);
- Failure to comply with this SMP is also a violation of Environmental Conservation Law, 6NYCRR Part 375 and the Order on Consent (Index #W3-1127-08-11; Site #360084) for the site, and thereby subject to applicable penalties.

1.1.3 Revisions

Revisions to this plan will be proposed in writing to the NYSDEC's project manager. In accordance with the Environmental Easement for the site, the NYSDEC will provide a notice of any approved changes to the SMP, and append these notices to the SMP that is retained in its files.

1.2 SITE BACKGROUND

1.2.1 Site Location and Description

The site is located in Tarrytown, Westchester County, New York, and is identified as Section 1, Block 2, Lots P25 and P-25B on the Tarrytown, Westchester County Tax Map. The site is an approximately 3.3-acre area and currently consists of an approximately 24,000 square feet (footprint), single-story retail building occupied by Walgreens, Dunkin' Donuts, Van Tassel Cleaners, and Chase Bank in the southern portion of the site and an approximately 9,000 square feet (footprint), retail-strip building occupied (from west to east) by a vacant space, Osaka Japanese Restaurant, a Laundromat, a nail salon, and a dollar store. The remaining portions of the site consist of asphalt-paved parking and driveway and landscaped areas. The area immediately surrounding the subject property consists of a mix of residential and commercial uses. The site is bound by residential properties beyond Wildey Street to the north; residential properties and a playground beyond Central Avenue to the east; a residential apartment building to the south; and a McDonald's restaurant, Cortland Street, commercial properties, and railroad tracks to the west (see Figure 1). The boundaries of the site are more fully described in Appendix B – Metes and Bounds.

1.2.2 Site History

According to historical sources reviewed by Whitestone, the current site buildings reportedly were constructed in 1976. The current Walgreens building formerly was occupied by a supermarket. The retail-strip building has been occupied by a dry cleaning facility since construction. This facility reportedly utilized an open-loop cleaning system from 1976 until 1980 when a closed-loop system was installed. Prior to 1976, the subject property was occupied by a variety of commercial retail uses dating back to the late-1800's. The site currently is owned by Arcadia Tarrytown, LLC.

1.2.3 Geologic Conditions

Surface topography at the subject property is relatively flat with an approximate average elevation of approximately 25 feet above mean sea level (msl). The subsurface conditions encountered in the soil borings and monitor wells installed at the site by Whitestone consisted of the following generalized strata in order of increasing depth.

Surface Material: Six inches of asphalt/subbase or topsoil were encountered in the borings and monitor wells drilled at the site.

Fill Materials: Fill materials generally consisting of gray medium to fine sand with variable amounts of silt, gravel, and debris were encountered in the borings drilled during this investigation. The debris encountered in the borings consisted of brick, asphalt, concrete, and wood fragments. The borings penetrated through the fill material at depths ranging from approximately 0.5 feet below ground surface (fbgs) to 6.0 fbgs. Fill material historically had been documented at the site to depths of 7.0 fbgs.

Native Materials: Underlying the fill materials, three strata of soils were encountered in the borings. The first stratum consisted of layers of dark grayish-brown sand and silt between 6.0 fbgs and 14.0 fbgs. The second stratum consisted of a layer of dark brownish-black fibrous peat between 14.0 fbgs and 16.0 fbgs and the third stratum consisted of intermingled layers of clay, silt, and sand to termination depths of 30.0 fbgs.

Groundwater: Static groundwater conditions recorded during the current investigations and monitoring activities were encountered at depths that ranged from approximately 5.0 fbgs to 8.0 fbgs. RI activities conducted by Whitestone have not identified perched groundwater conditions at the site. Groundwater at the site flows to the southwest which is suspected to be consistent with regional conditions Groundwater flow direction is shown in Figure 1.

1.3 SUMMARY OF REMEDIAL INVESTIGATION FINDINGS

A Remedial Investigation (RI) was performed to characterize the nature and extent of contamination at the site. The results of the RI are described in detail in the following reports:

- August 1998 (finalized October 1998) *Limited Subsurface Investigation* prepared by Property Solutions, Inc. (PSI);
- September 2003 *Focused Subsurface Investigation* prepared by ATC Associates, Inc. (ATC);
- October 2003 *Limited Subsurface Investigation* prepared by CNS Management Corp. (CNS);
- January 12, 2005 *Site Characterization Report and Remedial Action Plan* prepared by J.R. Holzmacher, P.E., LLC (JRH) in joint venture with CNS;
- March 14, 2005 *Geoprobe Investigation* prepared by CNS;
- June 24, 2009 *Remedial Investigation Report and Supplemental Remedial Investigation/Corrective Action Workplan* prepared by Whitestone;
- April 7, 2010 *Sub-Slab Depressurization System Design Plan* prepared by Whitestone; and
- August 2011 *Comprehensive Remedial Investigation/Final Engineering Report and Corrective Action Workplan* (CRI/FER & CAW) prepared by Whitestone.

After completion of the RI at the site, low-level soil and groundwater contamination was documented to remain (hereafter referred to as “remaining contamination”). Generally, the RI activities determined that subsurface investigations conducted within and immediately north of the on-site drycleaners in the late 1990's and early 2000's identified tetrachloroethene (PCE) as well as select degradation compounds of PCE at low-level concentrations in shallow soil and groundwater exceeding NYSDEC Remedial Program Unrestricted Use Soil Cleanup Objectives (SCOs) and NYSDEC Technical & Operational Guidance Series (1.1.1) Water Quality Standards (TOGS WQS). Acetone was also detected above the NYSDEC Remedial Program Unrestricted Use SCOs, however, is considered a laboratory contaminant and not a contaminant of concern at the site. The volatile organic compounds (VOCs) were not detected at concentrations exceeding NYSDEC Remedial Program Restricted Use Commercial SCOs, however, PCE and methylene

chloride were detected at concentrations exceeding their NYSDEC Protection of Groundwater SCOs in one soil sample. As a result of the identification of the VO contamination, a total of eight groundwater monitor wells were installed at the site along with supplemental borings to collect additional soil and groundwater data. The results of the soil and groundwater RI activities as well as initial air sampling conducted by others required a soil vapor intrusion (SVI) investigation at the site. Results of the SVI investigation required the installation of a sub-slab depressurization system (SSDS) within the drycleaners unit to address VOCs in indoor air as well as performing post-mitigation indoor air sampling. Upon construction of the Osaka Japanese Restaurant, a second SSDS was required to be installed.

In addition to the low-level VOC contamination identified in the immediate vicinity of the drycleaners, select semi-volatile organic compounds (SVOCs) and metals have been identified in soils located throughout the site exceeding NYSDEC Remedial Program Unrestricted Use SCOs. A single pesticide (p,p'-DDD) was also detected in one soil sample exceeding the NYSDEC Remedial Program Unrestricted Use SCO. The select SVOCs, pesticides, and metals were not detected at concentrations exceeding NYSDEC Remedial Program Restricted Use Commercial SCOs with the exception of the SVO benzo[a]pyrene. In addition, the majority of the metals concentrations and p,p'-DDD only exceed the NYSDEC Protection of Ecological Resources SCOs which are not applicable to the completely developed subject property. Select SVOCs were also detected at concentrations exceeding the Protection of Groundwater SCO. This soil contamination can be attributed to historic fill material located throughout the site and naturally occurring concentrations.

Select metals have also been identified in groundwater throughout the site exceeding NYSDEC TOGS WQS, however, these concentrations are generally consistent with and appear to be attributed to naturally occurring background conditions. The pesticide dieldrin was detected in one upgradient on-site groundwater monitor well at a concentration exceeding the NYSDEC TOGS WQS and may be the result of a potential off-site source.

Below is a summary of site conditions when the RI was performed in 1998 through 2010. The results of these RI activities are outlined in Tables 1, 2, and 3 and shown on Figure 2.

<u>Site-Related Soil and Groundwater</u>

- A limited subsurface investigation conducted by PSI in August 1998 identified the VOC PCE (1.829 parts per million [ppm]) in one soil sample collected and the VOC methylene chloride (0.136 ppm) in one soil sample collected as well as PCE (8 ppm and 43 ppm) in both of the groundwater samples collected in the vicinity of the former drycleaners at concentrations exceeding NYSDEC Remedial Program Unrestricted SCOs and NYSDEC TOGS WQS. The NYSDEC TOGS WQS for PCE is 5 parts per billion (ppb). The PCE and methylene chloride soil concentrations did not exceed their NYSDEC Remedial Program Restricted Use Commercial SCOs of 150 ppm and 500 ppm, respectively. The PCE and methylene chloride concentrations exceed their NYSDEC Protection of Groundwater SCOs of 1.3 ppm and 0.05 ppm, respectively. Further investigation was recommended to determine the extent of PCE in groundwater and soil.

- A subsurface investigation conducted by ATC in August 2003 identified the VOC vinyl chloride (13 ppb) in one of the three groundwater samples collected at a concentration

exceeding the NYSDEC TOGS WQS of 2.0 ppb. ATC indicated that the vinyl chloride concentration detected in the groundwater sample likely was attributed to the operations of the drycleaners. SVOCs were detected at concentrations below NYSDEC Remedial Program Unrestricted Use SCOs. ATC recommended a UST tightness test (never performed) and additional delineation of VOCs in groundwater.

- Additional subsurface investigations conducted in the vicinity of the fuel oil UST and former drycleaners by CNS in October 2003 revealed select SVOCs in one of eight soil samples collected at concentrations exceeding their respective NYSDEC Remedial Program Unrestricted Use SCOs. The SVOC benzo[a]pyrene (1.1 ppm) was also detected at a concentration exceeding the NYSDEC Remedial Program Restricted Use Commercial SCO of 1 ppm. The SVOC concentrations were below NYSDEC Protection of Groundwater SCOs. Total SVOCs were less than 500 parts per million (ppm). The VOC acetone was identified in two of eight soil samples collected at concentrations (0.17 ppm and 0.43 ppm) exceeding the NYSDEC Remedial Program Unrestricted Use SCO of 0.05 ppm, however, below the Restricted Use Commercial SCO of 500 ppm. Acetone is considered a laboratory contaminant and not a contaminant of concern at the site. VOCs including PCE and vinyl chloride were detected in six of 11 soil samples collected, however, were detected at concentrations below their respective NYSDEC Remedial Program Unrestricted Use SCOs. Groundwater analytical results identified methyl tert butyl ether (MTBE) in one of the groundwater samples collected at a concentration (13 ppb) slightly exceeding the NYSDEC TOGS WQS of 10 ppb. CNS indicated that no previous investigations had detected this compound, therefore, was not a compound of concern at the site. MTBE was not detected during any future RI activities at concentrations exceeding the NYSDEC TOGS WQS.

- On March 8, 2004, the 550 gallon fuel oil UST located to the north of the former drycleaners was removed from the site by JRH and replaced with the existing UST. No evidence of holes were noted in the UST and no evidence of impacted soils were noted within the excavation. Post-excavation soil samples were collected and analyzed for VOCs and SVOCs. Analytical results indicated that select SVOCs were detected in two of the soil samples at concentrations exceeding their respective NYSDEC Remedial Program Unrestricted Use SCOs. The SVOC benzo[a]pyrene was also detected at a concentration exceeding the NYSDEC Remedial Program Restricted Use Commercial SCO in one of the samples. Total SVOCs were less than 500 ppm. Based on their visual inspection of the UST and UST excavation and soil boring data, JRH concluded that the SVOC detections likely were attributed to fill materials beneath the site. VOCs including PCE were detected in select soil samples, however, at concentrations below their respective NYSDEC Remedial Program Unrestricted Use SCOs.

- Additional subsurface investigations conducted by JRH in conjunction with CNS between March 2004 and January 2005 included the installation and sampling of four soil

borings/groundwater monitor wells (identified as MW-1 through MW-4). Sampling results indicated that select SVOCs were detected at concentrations exceeding their respective Remedial Program Unrestricted Use SCOs in one shallow soil sample collected during the installation of monitor well MW-4 in the vicinity of the fuel oil tank and drycleaners. The SVOC benzo[a]pryrene (2.6 ppm) was also detected at a concentration exceeding the NYSDEC Remedial Program Restricted Use Commercial SCOs of 1 ppm. Benzo[a]anthracene (2.9 ppm), benzo[b]fluoranthene (2.6 ppm), and chysene (3.2 ppm) were detected at concentrations exceeding their NYSDEC Protection of Groundwater SCOs of 1.0 ppm, 1.7 ppm, and 1.0 ppm, respectively. Total SVOCs were less than 500 ppm. Based on these results, JRH concluded that SVOCs present in shallow soils at the site are related to fill and are not associated with the former fuel oil UST. JRH also indicated that these compounds were not detected in groundwater, indicating they are not leaching from the soil.

- JRH and CNS indicated that PCE was detected in eight of 20 soil samples collected as part of the investigations conducted between August 2003 and March 2004, however, the concentrations were significantly below the Remedial Program Unrestricted Use SCO of 1.3 ppm and these detections did not warrant further investigation and/or corrective action. Elevated detections of PCE and methylene chloride were only detected in soil during the 1998 RI and have not been detected in RI soil samples collected in that area at concentrations exceeding NYSDEC Remedial Program Unrestricted Use SCOs since that time.

- PCE (5.4 ppb) was detected in monitor well MW-3 and vinyl chloride (5.1 ppb to 11 ppb) was detected in monitor wells MW-1 through MW-3 during groundwater sampling activities conducted in March 2004 by JRH and CNS at concentrations exceeding their respective NYSDEC TOGS WQS of 5 ppb and 2 ppb.

- PCE (6.8 ppb) was detected in monitor well MW-3 and vinyl chloride (3 ppb to 12 ppb) was detected in monitor wells MW-1 through MW-3 during groundwater sampling activities conducted in October 2004 by JRH and CNS at concentrations exceeding their respective NYSDEC TOGS WQS of 5 ppb and 2 ppb.

- PCE (14.4 ppb) was detected in monitor well MW-3 and vinyl chloride (3.08 ppb to 10.5 ppb) was detected in monitor wells MW-1 through MW-3 during groundwater sampling activities conducted in November 2004 by CNS at concentrations exceeding their respective NYSDEC TOGS WQS of 5.0 ppb and 2.0 ppb. Since there was no documented source of PCE in soil, JRH and CNS concluded that the low-level PCE concentrations detected in groundwater isolated to the north of the former drycleaners (MW-3) likely would continue to decline. JRH and CNS recommended groundwater monitoring and additional soil borings to delineate the extent of PCE and degradation products in the shallow groundwater isolated near the rear of the former drycleaners.

- In December 2004, one groundwater sample and two soil samples were collected by CNS from one boring drilled inside the former drycleaners and analyzed for VOCs. Five additional borings were attempted, however, refusal was encountered at shallow depths (suspected to be caused by an obstruction and not bedrock). Analytical results only identified acetone (considered a laboratory contaminant and not a contaminant of concern at the site) in one of the two soil samples collected at a concentration of 0.276 ppm. PCE was detected at a concentration below its NYSDEC TOGS WQS of 5 ppb in the groundwater sample collected during these activities.

- In January 2005, four additional borings were advanced in the vicinity of the former drycleaners by CNS. One groundwater sample was collected from each boring and analyzed for VOCs. Vinyl chloride (8.9 ppb) was detected in one of the samples at a concentration exceeding the NYSDEC TOGS WQS of 2 ppb. PCE and several other degradation products were detected in the samples, however, below their respective NYSDEC TOGS WQS.

- The VOC acetone was detected in soil samples collected during investigation activities conducted in January 2009 including the installation of borings/wells MW-5 and WB-1 to WB-4 at concentrations (0.083 ppm to 0.19 ppm) exceeding the NYSDEC Remedial Program Unrestricted Use SCO (based on the NYSDEC Protection of Groundwater SCO) of 0.05 ppm, however, these concentrations do not exceed the NYSDEC Remedial Program Restricted Use Commercial SCO of 500 ppm. Acetone is a common laboratory contaminant and is not considered a contaminant of concern for this investigation or the site. The SVOC benzo[a]pyrene (2.0 ppm) was detected in soil sample WB-4 at a concentration slightly exceeding the NYSDEC Remedial Program Restricted Use Commercial SCO of 1 ppm (total SVO concentrations below 500 ppm). Benzo[a]pyrene was detected below the NYSDEC Protection of Groundwater SCO of 22 ppm. The detection is suspected to be associated with historic fill at the site and in the boring. Select metals were detected in soil samples WB-2, MW-6S, WB-7S, and WB-3 at concentrations exceeding the NYSDEC Remedial Program Unrestricted Use SCOs. These concentrations are below the NYSDEC Remedial Program Restricted Use Commercial SCOs. These metal detections appeared to be representative of natural background concentrations. With the exception of iron, the metals (aluminum and chromium) only exceed NYSDEC Protection of Ecological Resources SCOs. These SCOs are not applicable to the completely developed subject property and iron (11,000 ppm to 19,000 ppm) is a naturally-occurring metal. Iron does not have NYSDEC Protection of Groundwater or Commercial SCOs. No residual VOC contamination was identified in the soil samples collected at the site during these investigation activities.

- A slight exceedance of the NYSDEC TOGS WQS of 5.0 ppb was identified in monitor well MW-3 for PCE (5.3 ppb) during Whitestone's February 2009 monitor well sampling event. Duplicate groundwater sample DUP-E was also analyzed for VOCs to confirm the result. PCE was detected at a concentration of 6.9 ppb in duplicate sample DUP-E.

VOCs were not detected at concentrations exceeding NYSDEC TOGS WQS in the remaining seven wells.

- A slight exceedance of the NYSDEC TOGS WQS of 0.004 ppb was identified in a duplicate sample collected from monitor well MW-7 for the pesticide dieldrin (0.024 ppb) during Whitestone's February 2009 monitor well sampling event. This low-level detection in this upgradient well may be the result of an off-site source of contamination.

- Select metals were detected in the unfiltered groundwater samples collected at the site at concentrations exceeding NYSDEC TOGS WQS during Whitestone's January 2009 and February 2009 sampling activities. Magnesium (36,000 ppb), sodium (34,000 ppb to 260,000 ppb), manganese (880 ppb and 2,400 ppb), and/or iron (5,000 ppb) were also detected in select filtered groundwater samples collected from the site at concentrations exceeding their NYSDEC TOGS WQS of 35,000 ppb, 20,000 ppb, 600 ppb, and 600 ppb, respectively. These filtered metals exceedances appear to be representative of natural background concentrations. Metals impacts to groundwater from releases or fill material at the site were not identified.

- The VOC acetone (up to 0.094 ppm) was detected in soil samples collected during investigation activities conducted in February 2010 including the installation of borings/wells MW-8, WB-6 to WB-9 and ST-1 at concentrations exceeding the NYSDEC Remedial Program Restricted Use SCO (based on the NYSDEC Protection of Groundwater SCO) of 0.05 ppm, however, below the Remedial Program Restricted Use Commercial SCO of 500 ppm. Acetone is a common laboratory contaminant and is not considered a contaminant of concern for this investigation or the site. Select SVOCs were detected in shallow soil samples ST-1S, MW-8S-A, and WB-8S at concentrations exceeding NYSDEC Remedial Program Restricted Use SCOs, however, these concentrations did not exceed NYSDEC Remedial Program Restricted Use Commercial SCOs with the exception of the benzo[a] pyrene concentrations in soil samples MW-8S-A (1.8 ppm) and WB-5 (3.9 ppm). None of the concentrations exceed NYSDEC Protection of Groundwater SCOs. The anomalous detections are suspected to be associated with fill at the site and in the borings. Select metals were detected in soil samples MW-8S-A, MW-8S-B, WB-5, WB-6, WB-7, WB-8S, WB-8D, WB-9, ST-1S, and ST-1D at concentrations exceeding NYSDEC Remedial Program Unrestricted Use SCOs. These concentrations are below NYSDEC Remedial Program Restricted Use Commercial SCOs. These metal detections appeared to be representative of natural background concentrations. With the exception of iron (which only has a NYSDEC Restricted Use Residential SCO), the metals only exceed NYSDEC Protection of Ecological Resources SCOs. These SCOs are not applicable to the completely developed subject property and iron is a naturally occurring metal. No residual VOC contamination was identified in the soil samples collected at the site during these investigation activities. The pesticide p,p'-DDD was detected at a concentration (0.0043 ppm) exceeding the

NYSDEC Remedial Program Unrestricted Use SCO of 0.0033 ppm in soil sample ST-1S, however, below the NYSDEC Remedial Program Restricted Use Commercial SCO of 92 ppm and Protection of Groundwater SCO of 14 ppm. This pesticide detection only exceeds the NYSDEC Remedial Program Protection of Ecological Resources SCO which is not applicable to the completely developed subject property.

- Select metals were detected in the unfiltered groundwater samples collected at the site at concentrations exceeding NYSDEC TOGS WQS during Whitestone's February 2010 and March 2010 sampling activities. Magnesium, sodium, manganese, and/or iron were also detected in select filtered groundwater samples collected from the site at concentrations exceeding NYSDEC TOGS WQS. These filtered metals exceedances appear to be representative of natural background concentrations. Metals impacts to groundwater from releases or fill material at the site were not identified.

Site-Related Soil Vapor Intrusion

As part of the NYSDEC-approved September 2007 SIW prepared by JRH, three sub-slab soil gas vapor samples were collected from the former drycleaners on March 27, 2008 by Quest. One indoor air sample and one outdoor air sample also were collected. Samples were analyzed for VOCs using EPA Method TO-15. The results of these investigations are summarized in Quest's October 13, 2008 report. These results indicate that PCE (341.11 ug/m^3 to 4,156.65 ug/m^3) was detected in all three sub-slab soil gas vapor samples. PCE (4.9 ug/m^3) and TCE (15.9 ug/m^3) were detected in the indoor air sample collected from within the former drycleaners. No VOCs were detected in the sample collected of ambient air outside of the former drycleaners. The TCE concentration was above the NYSDOH Air Guideline Value in the indoor air sample.

As a follow-up to Quest's investigation, Whitestone conducted supplemental soil vapor intrusion (SVI) activities at the site in February 2010. One sub-slab soil gas sample was collected within the former Van Tassel Cleaners space as well as in each of the four units located within the retail-strip structure (former Tappen Zee Dental Group [current Osaka Japanese Restaurant], the laundromat, the former video store [current nail salon], and the dollar store) in order to investigate the potential for SVI. Concurrently, one indoor air sample was collected from within each of the five units which occupy the structure.

Soil gas vapor samples were also collected to assess the potential for SVI into the adjacent McDonald's restaurant. Specifically, one soil gas vapor sample was collected immediately northwest and one soil gas vapor sample was collected immediately southwest of the former drycleaners unit to assess the potential for SVI into the McDonald's restaurant. Whitestone attempted to collect one additional soil gas vapor sample in the parking lot area to the southeast of the former drycleaners unit to assess the potential for SVI into the Walgreens building, however, due to the presence of trapped water in the subbase beneath the asphalt pavement in this area, this sample could not be properly collected. One ambient air quality sample was also collected from outside the retail-strip building to establish background conditions.

The sub-slab, soil gas, indoor air, and ambient air samples were collected over the same 8-hour duration utilizing Summa canisters and submitted to Alpha Analytical Laboratories, a NYSDOH-certified laboratory, for VOC analyses by USEPA Method TO-15. The samples were collected utilizing the methodologies outlined in NYSDOH's *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (October 2006). The negative inches of mercury contained within the Summa canisters were recorded prior to and following sample collection and were displayed on the laboratory chain of custody. The sample locations are identified on Figure 2. The analytical results from this sampling event are provided in Table 3 and were compared with the criteria outlined in NYSDOH's *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (October 2006). Elevated laboratory reported detection limits were not identified in the analytical data. Following sub-slab and soil gas vapor sampling, the sampling holes were sealed with concrete or asphalt, as appropriate.

The SVI sampling activities were conducted on February 18, 2010 during the heating season which runs from November 15th through March 31st. As listed in Table 3, the analytical results identified select VOC exceedances of NYSDOH's Soil Vapor/Indoor Air Matrices. PCE was detected in sub-slab air sample SS-1 at a concentration of 220 ug/m^3 and indoor air sample IAQ-1 at a concentration of 57.4 ug/m^3 from the former drycleaners unit warranting mitigation per NYSDOH's Soil Vapor/Indoor Air Matrix 2. PCE was not identified at concentrations warranting further monitoring or mitigation per NYSDOH's Soil Vapor/Indoor Air Matrix 2 in the sub-slab or indoor air samples from the four adjoining units.

TCE was detected in sub-slab air sample SS-1 at a concentration of 13.4 ug/m^3 and indoor air sample IAQ-1 at a concentration of 2.89 ug/m^3 from the former drycleaners unit warranting additional monitoring per to NYSDOH's Soil Vapor/Indoor Air Matrix 1. PCE was not identified at concentrations warranting further monitoring or mitigation per NYSDOH's Soil Vapor/Indoor Air Matrix 1 in the sub-slab or indoor air samples from the four adjoining units. PCE and TCE as well as methylene chloride were not detected at concentrations exceeding NYSDOH Air Guidance Values in the indoor air samples.

Additional VOCs including acetone, chloroform, isopropanol, and ethanol were detected in select sub-slab and/or indoor air samples at slightly elevated levels. The most elevated levels of acetone (20.1 ug/m^3), ethanol (349 ug/m^3), and isopropanol (624 ug/m^3) detected in indoor air were documented in former Tappen Zee Dental Group. The presence of these compounds is attributable to the disinfectants and sterilizers including rubbing alcohol utilized within the dental facility. Products containing isopropanol also were identified in the former video store and products containing ethanol were identified in the former drycleaners and dentist. Chloroform was detected at a slightly elevated concentration (34.6 ug/m^3) in indoor air in the laundromat. The presence of chloroform may be attributable to clothing dyes present in the laundromat on a daily basis. The remainder of the VOCs detected exceeding laboratory reported detection limits appear to be contributable to background conditions, products stored in the individual units, or off-gasing building materials. With the exception of PCE and TCE, the VOCs detected at the site are not compounds of concern.

Subsequent to the installation and activation of the SSDS, one indoor air sample was collected within the former Tappan Zee Dental Group. Concurrently, one ambient air sample was collected from outside of the structure to establish background conditions. The indoor air and ambient air samples were collected to assess the effectiveness of the SSDS.

The indoor air and ambient air samples were collected over the same 8-hour duration utilizing Summa canisters and submitted to Alpha Analytical Laboratories for VOC analyses by USEPA Method TO-15. The samples were collected utilizing the methodologies outlined in NYSDOH's *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (October 2006). The negative inches of mercury contained within the Summa canisters were recorded prior to and following sample collection and were displayed on the laboratory chain of custody. The sample locations are identified on Figure 2. The analytical results from this sampling event are provided in Table 3, and were compared with the criteria outlined in NYSDOH's *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (October 2006). Elevated laboratory reported detection limits were not identified in the analytical data.

The post-mitigation air sampling activities were conducted on January 18, 2011 during the heating season which runs from November 15th through March 31st. As listed in Table 3, the analytical results identified one VOC exceedance of NYSDOH's Soil Vapor/Indoor Air Matrices. PCE was detected at a concentration of 3.2 ug/m^3 in the indoor air sample (IAS-1) collected from the former Tappan Zee Dental Group unit warranting monitoring per NYSDOH's Soil Vapor/Indoor Air Matrix 2. TCE was not identified at a concentration of 1.36 ug/m^3 warranting further monitoring or mitigation per NYSDOH's Soil Vapor/Indoor Air Matrix 2 in the indoor air sample from the unit.

Underground Storage Tanks

Based on a site survey, a suspected UST location had been identified in the parking lot area to the southeast of the retail-strip building. A Ground Penetrating Radar (GPR) survey was conducted at the subject property on February 17, 2010 in an effort to locate the suspected UST location. A magnetic locator was also utilized to supplement the effort of the GPR unit.

The GPR survey did not identify an anomaly indicative of an UST or an UST excavation in this area. Accordingly, one boring (ST-1) was advanced using Geoprobe sampling equipment in the vicinity of the downgradient side of the suspected UST location based on the site survey for site characterization purposes. One shallow soil sample (ST-1S), one deep soil sample (ST-1D), and one groundwater sample (ST-1GW) were collected from this boring and analyzed for VOCs and SVOCs. The locations of these borings are shown on Figure 2.

As listed in Table 1, the VOC acetone was detected in soil samples ST-1S (0.15 ppm) and ST-1D (0.11 ppm) at concentrations exceeding the NYSDEC Remedial Program Unrestricted Use SCO (based on the NYSDEC Protection of Groundwater SCO) of 0.05 ppm, however, these concentrations do not exceed the NYSDEC Remedial Program Restricted Use Commercial SCO of 500 ppm. According to a May 13, 2010 letter from the HCV Quality Assurance (QA) director (included in Appendix E), the acetone concentrations detected in these soil samples are the result of laboratory contamination. Acetone is a common laboratory contaminant and is not considered a contaminant of concern for this investigation or the site. The SVOCs benzo[b]fluoranthene (1.1 ppm) and indeno[1,2,3-cd]pyrene (0.56 ppm) were detected in shallow soil sample ST-1S at concentrations slightly exceeding NYSDEC Remedial Program Unrestricted Use SCOs of 1 ppm and 0.5 ppm, respectively. However, these concentrations do not exceed NYSDEC Remedial Program Restricted Use Commercial SCOs of 5.6 ppm. The detections are suspected to be associated with fill materials at the site and in the boring. Mercury (0.24 ppm), chromium (10 ppm), lead (230 ppm), calcium (15,000 ppm), iron (37,000 ppm), and zinc (250 ppm) were

detected in shallow soil sample ST-1S at concentrations exceeding NYSDEC Remedial Program Unrestricted Use SCOs, however, these concentrations do not exceed the NYSDEC Remedial Program Restricted Use Commercial SCOs. Iron was also detected in soil sample ST-1D at a concentration (17,000 ppm) above the NYSDEC Remedial Program Unrestricted Use SCO of 2,000 ppm. There are no NYSDEC Restricted Use Commercial SCO or Protection of Groundwater SCO for iron. With the exception of iron (which only has a NYSDEC Restricted Use Residential SCO), the metals detected in this area only exceeding the NYSDEC Remedial Program Protection of Ecological Resources SCO which are not applicable to the completely developed subject property and iron is a naturally occurring metal. The metals detections are suspected to be associated with fill material at the site. As listed in Table 2, groundwater sample ST-1GW did not exhibit VOC or SVOC exceedances of NYSDEC TOGS WQS.

The pesticide p,p'-DDD was detected in soil sample ST-1S at a concentration (0.0043 ppm) exceeding the NYSDEC Remedial Program Unrestricted Use SCO of 0.0033 ppm, however, at a concentration below the Restricted Use Commercial SCO of 93 ppm. This pesticide detection only exceeds the NYSDEC Remedial Program Protection of Ecological Resources SCO which is not applicable to the completely developed subject property.

A 550 gallon fuel oil UST currently is located immediately north of the former drycleaners unit and is utilized to fuel the unit's boiler. The UST reportedly was installed in 2004 upon removal of a former 550 gallon fuel oil UST in this area as described above.

1.4 SUMMARY OF REMEDIAL ACTIONS

The site was remediated in accordance with Whitestone's January 21, 2010 *Supplemental Remedial Investigation Workplan (Rev. 1)* (SWIR) approved by NYSDEC and NYSDOH on February 3, 2010, Whitestone's April 7, 2010 *Interim Remedial Measure Workplan* (revised to *Sub-Slab Depressurization System Design Plan*) approved by NYSDEC and NYSDOH on May 12, 2010, Whitestone's September 29, 2011 *Soil Vapor Intrusion Workplan* approved by NYSDEC and NYSDOH on September 29, 2011, Whitestone's June 8, 2012 *Updated Soil Management and Characterization and Regulatory Reporting Plan*, and the September 2007 *Supplemental Investigation Workplan* (SIW) prepared by JRH on behalf of The Robert Martin Company (former owner) as approved by the NYSDEC on October 1, 2007.

The following is a summary of the Remedial Actions performed at the site:

1. Maintenance of a soil cover system consisting of existing concrete building slabs, asphalt-paved parking areas, concrete sidewalks, and landscaped areas to prevent human exposure to remaining contaminated soil/fill remaining at the site;

2. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the site.

3. Installation and operation of Sub-Slab Depressurization Systems (SSDSs) to prevent human exposure to vapor intrusion concerns;

4. Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2)

monitoring, (3) operation and maintenance and (4) reporting;

Remedial activities were completed at the site in July 2010 (installation of a SSDS), July 2012 (installation of a SSDS), April 2012 (monitor well abandonment), and March 2012 and June 2012 (soil management and characterization).

1.4.1 Removal of Contaminated Materials from the Site

The contaminated materials that have been removed from the site include 55-gallon drums of soil cuttings and purged groundwater associated with monitor well installation and sampling activities and approximately 34.77 tons of nonhazardous/non-TSCA soil that was excavated and disposed off site during water line and plumbing installation activities in March/June 2012.

A list of the soil cleanup objectives (SCOs) for the primary contaminants of concern (COCs) and applicable land use for this site is provided in Table 4.

1.4.2 Site-Related Treatment Systems

In accordance with Whitestone's April 7, 2010 *Sub-Slab Depressurization System Design Plan*, a SSDS was installed in the former drycleaners unit of the retail-strip building on July 28, 2010. The SSDS consisted of a four-inch diameter PVC pipe installed in the sub-base immediately below the building's floor slab which extended vertically upward through the roof and was connected to a motorized fan and exhaust stack. The SSDS system initially utilized a Radonaway Model RP-145 fan. Following the installation of the SSDS, communication testing performed to evaluate the effectiveness of the system identified inconsistent levels of differential pressures beneath the building's floor slab including pressures below the required -0.0025 inches of water column (WC).

Accordingly, Whitestone tested the Radonaway Model HS-5000 fan on the SSDS. The Radonaway Model HS-5000 fan is capable of establishing a greater amount of vacuum pressure in poor sub-base materials and over large square footages while creating approximately 53 cubic feet per minute (CFM) of exhaust. Communication test results recorded while utilizing the Radonaway Model HS-5000 fan achieved sufficient, consistent levels of differential pressure exceeding -0.0025 inches WC across the building's floor slab. Based on these results, Whitestone substituted the Radonaway Model HS-5000 fan for the Radonaway Model RP-145 fan in the design of the SSDS.

In accordance with Whitestone's September 29, 2011 *Soil Vapor Intrusion Workplan*, a SSDS was installed in the Osaka Japanese Restaurant unit of the retail-strip building on July 23, 2013. The SSDS consisted of a four-inch diameter PVC pipe installed in the sub-base immediately below the building's floor slab which extended vertically upward through the roof and was connected to a motorized fan and exhaust stack. The SSDS system utilizes a Radonaway Model HS-5000 fan. Following the installation of the SSDS, communication testing performed to evaluate the effectiveness of the system identified consistent levels of differential pressures beneath the building's floor exceeding the required -0.0025 inches of WC. The SSDS locations are shown on Figure 3.

1.4.3 Remaining Contamination

After completion of the RI at the site, low-level soil and groundwater contamination was documented to remain (hereafter referred to as "remaining contamination"). Generally, the RI activities determined that subsurface investigations conducted within and immediately north of the former drycleaners in the late 1990's and early 2000's identified PCE as well as select degradation compounds of PCE at low-level concentrations in shallow soil and groundwater exceeding NYSDEC Remedial Program Unrestricted Use SCOs and NYSDEC TOGS WQS. Acetone was also detected above the NYSDEC Remedial Program Unrestricted Use SCOs, however, is considered a laboratory contaminant and not a contaminant of concern at the site. The VOCs were not detected at concentrations exceeding NYSDEC Remedial Program Restricted Use Commercial SCOs, however, PCE and methylene chloride were detected at concentrations exceeding their NYSDEC Protection of Groundwater SCOs in one soil sample. As a result of the identification of the VO contamination, a total of eight groundwater monitor wells were installed at the site along with supplemental borings to collect additional soil and groundwater data. The results of the soil and groundwater RI activities as well as initial air sampling conducted by others required a SVI investigation at the site. Results of the SVI investigation required the installation of a SSDS within the former drycleaners and the Osaka Japanese Restaurant units to address VOCs in indoor air as well as performing post-mitigation indoor air sampling in the former drycleaners unit.

In addition to the low-level VOC contamination identified in the immediate vicinity of the former drycleaners, select SVOCs and metals have been identified in soils located throughout the site exceeding NYSDEC Remedial Program Unrestricted Use SCOs. A single pesticide (p,p'-DDD) was also detected in one soil sample exceeding the NYSDEC Remedial Program Unrestricted Use SCO. The select SVOCs, pesticides, and metals were not detected at concentrations exceeding NYSDEC Remedial Program Restricted Use Commercial SCOs with the exception of the SVO benzo[a]pyrene. In addition, the majority of the metals concentrations and p,p'-DDD only exceed the NYSDEC Protection of Ecological Resources SCOs which are not applicable to the completely developed subject property. Select SVOCs were also detected at concentrations exceeding the Protection of Groundwater SCO. This soil contamination can be attributed to historic fill material located throughout the site and naturally-occurring concentrations.

Select metals have also been identified in groundwater throughout the site exceeding NYSDEC TOGS WQS, however, these concentrations are generally consistent with and appear to be attributed to naturally-occurring background conditions. The pesticide dieldrin was detected in one upgradient on-site groundwater monitor well at a concentration exceeding the NYSDEC TOGS WQS and may be the result of a potential off-site source.

A minimum of four inches of concrete building slab, three inches of concrete sidewalk, four inches of asphalt pavement, and six inches of topsoil in landscaped areas serve as demarcation layers across the site. Impacted soils are located immediately below these covers.

Table 5 and Figure 2 summarize the results of all soil samples remaining at the site after completion of Remedial Action that exceed the unrestricted SCOs.

2.0 ENGINEERING AND INSTITUTIONAL CONTROL PLAN

2.1 INTRODUCTION

2.1.1 General

Since remaining contaminated soil, groundwater, and soil vapor exists beneath the site, Engineering Controls and Institutional Controls (EC/ICs) are required to protect human health and the environment. This Engineering and Institutional Control Plan describes the procedures for the implementation and management of all EC/ICs at the site. The EC/IC Plan is one component of the SMP and is subject to revision by NYSDEC.

2.1.2 Purpose

This plan provides:

- A description of all EC/ICs on the site;
- The basic implementation and intended role of each EC/IC;
- A description of the key components of the ICs set forth in the Environmental Easement;
- A description of the features to be evaluated during each required inspection and periodic review;
- A description of plans and procedures to be followed for implementation of EC/ICs, such as the implementation of the Excavation Work Plan for the proper handling of remaining contamination that may be disturbed during maintenance or redevelopment work on the site; and
- Any other provisions necessary to identify or establish methods for implementing the EC/ICs required by the site remedy, as determined by the NYSDEC.

2.2 ENGINEERING CONTROLS

2.2.1 Engineering Control Systems

2.2.1.1 Soil Cover

Exposure to remaining contamination in soil/fill at the site is prevented by a soil cover system placed over the site. This cover system is comprised of a minimum of six inches of clean topsoil, four inches of asphalt pavement, three inches of concrete-covered sidewalks, and four inches of concrete building slabs. The Excavation Work Plan that appears in Appendix A outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining contamination is disturbed. Procedures for the inspection and maintenance of this cover are provided in the Monitoring Plan included in Sections 3 and 4 of this SMP.

2.2.1 Sub-slab Depressurization Systems

The Sub-Slab Depressurization Systems (SSDS) were constructed in the northeastern portion of the former drycleaners unit and the northeastern portion of the Osaka Japanese Restaurant unit of the retail-strip building by placing four-inch diameter PVC pipes in the sub-base immediately below the building's floor slab. The pipes extend vertically (upward) through the units and vent to the exterior atmosphere above the roof. Fans (Radonaway Model HS-5000) capable of mechanically venting a minimum of 53 CFM of air from beneath the slab were placed in line with the vent pipes above the roof. Sealable sampling ports were installed at the base of the units for future sampling purposes (if necessary). Additionally, in-line magnahelic vacuum gauges and alarm systems (Radonaway Checkpoint II) were installed on the SSDS units. The fans and gauges/alarms each have their own dedicated electrical circuits. The SSDSs continually operate to remove soil vapors from and depressurize beneath the building. A plan depicting the SSDS system locations is included as Figure 3 and the designs of the systems are shown in Appendix E. Specifications for the gauge/alarm systems and fans used on the SSDSs are attached in Appendix F.

Procedures for operating and maintaining the SSDS systems are documented in the Operation and Maintenance Plan (Section 4 of this SMP). Procedures for monitoring the systems are included in the Monitoring Plan (Section 3 of this SMP). The Monitoring Plan also addresses severe condition inspections in the event that a severe condition, which may affect controls at the site, occurs.

2.2.2 Criteria for Completion of Remediation/Termination of Remedial Systems

Generally, remedial processes are considered completed when effectiveness monitoring indicates that the remedy has achieved the remedial action objectives identified by the decision document. The framework for determining when remedial processes are complete is provided in Section 6.6 of NYSDEC DER-10.

2.2.2.1 Composite Cover System

The composite cover system is a permanent control and the quality and integrity of this system will be inspected at defined, regular intervals in perpetuity.

2.2.2.2 Sub-slab Depressurization Systems (SSDSs)

The active SSDSs will not be discontinued unless prior written approval is granted by the NYSDEC. In the event that monitoring data indicates that the SSDSs are no longer required, a proposal to discontinue the SSDSs will be submitted by the property owner to the NYSDEC and NYSDOH.

2.3 INSTITUTIONAL CONTROLS

A series of Institutional Controls is required by the CRI/FER & CAW to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the site to restricted commercial uses only. Adherence to these Institutional Controls on the site is required by the Environmental Easement and will be implemented under this Site Management Plan. These Institutional Controls are:

- Compliance with the Environmental Easement and this SMP by the Grantor and the Grantor's successors and assigns;
- All Engineering Controls must be operated and maintained as specified in this SMP;
- All Engineering Controls on the Controlled Property must be inspected at a frequency and in a manner defined in the SMP.
- Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in this SMP;

Institutional Controls identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the Environmental Easement.

The site has a series of Institutional Controls in the form of site restrictions. Adherence to these Institutional Controls is required by the Environmental Easement. Site restrictions that apply to the Controlled Property are:

- The property may only be used for restricted commercial use provided that the long-term Engineering and Institutional Controls included in this SMP are employed.
- The property may not be used for a higher level of use, such as unrestricted use, restricted use, or restricted residential use without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC;
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with this SMP;
- The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use;
- The potential for vapor intrusion must be evaluated for any buildings developed in the area noted on Figure 3 and any potential impacts that are identified must be monitored or mitigated;
- Vegetable gardens and farming on the property are prohibited;
- The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

2.3.1 Excavation Work Plan

The site has been remediated for restricted commercial use. Any future intrusive work that will penetrate the soil cover or cap, or encounter or disturb the remaining contamination, including any modifications or repairs to the existing cover system will be performed in compliance with the Excavation Work Plan (EWP) that is attached as Appendix A to this SMP.

Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) prepared for the site. A sample HASP is attached as Appendix A to this SMP that is in current compliance with DER-10, and 29 CFR 1910, 29 CFR 1926, and all other applicable Federal, State and local regulations. Based on future changes to State and federal health and safety requirements, and specific methods employed by future contractors, the HASP and CAMP will be updated and re-submitted with the notification provided in Section A-1 of the EWP. Any intrusive construction work will be performed in compliance with the EWP, HASP and CAMP, and will be included in the periodic inspection and certification reports submitted under the Site Management Reporting Plan (See Section 5).

The site owner and associated parties preparing the remedial documents submitted to the State, and parties performing this work, are completely responsible for the safe performance of all intrusive work, the structural integrity of excavations, proper disposal of excavation de-water, control of runoff from open excavations into remaining contamination, and for structures that may be affected by excavations (such as building foundations and bridge footings). The site owner will ensure that site development activities will not interfere with, or otherwise impair or compromise, the engineering controls described in this SMP.

2.3.2 Soil Vapor Intrusion Evaluation

Prior to the construction of any enclosed structures located over areas that contain remaining contamination and the potential for soil vapor intrusion (SVI) has been identified (see Figure 3), an SVI evaluation will be performed to determine whether any mitigation measures are necessary to eliminate potential exposure to vapors in the proposed structure. Alternatively, an SVI mitigation system may be installed as an element of the building foundation without first conducting an investigation. This mitigation system will include a vapor barrier and passive sub-slab depressurization system that is capable of being converted to an active system.

Prior to conducting an SVI investigation or installing a mitigation system, a work plan will be developed and submitted to the NYSDEC and NYSDOH for approval. This work plan will be developed in accordance with the most recent NYSDOH "Guidance for Evaluating Vapor Intrusion in the State of New York". Measures to be employed to mitigate potential vapor intrusion will be evaluated, selected, designed, installed, and maintained based on the SVI evaluation, the NYSDOH guidance, and construction details of the proposed structure.

Preliminary (unvalidated) SVI sampling data will be forwarded to the NYSDEC and NYSDOH for initial review and interpretation. Upon validation, the final data will be transmitted to the agencies, along with a recommendation for follow-up action, such as mitigation. If any indoor air test results exceed NYSDOH guidelines, relevant NYSDOH fact sheets will be provided to all tenants and occupants of the property within 15 days of receipt of validated data.

SVI sampling results, evaluations, and follow-up actions will also be summarized in the next Periodic Review Report.

2.4 INSPECTIONS AND NOTIFICATIONS

2.4.1 Inspections

Inspections of all remedial components installed at the site will be conducted at the frequency specified in the SMP Monitoring Plan schedule. A comprehensive site-wide inspection will be conducted annually, regardless of the frequency of the Periodic Review Report. The inspections will determine and document the following:

- Whether Engineering Controls continue to perform as designed;
- If these controls continue to be protective of human health and the environment;
- Compliance with requirements of this SMP and the Environmental Easement;
- Achievement of remedial performance criteria;
- If site records are complete and up to date; and
- Changes, or needed changes, to the remedial or monitoring system;

Inspections will be conducted in accordance with the procedures set forth in the Monitoring Plan of this SMP (Section 3). The reporting requirements are outlined in the Periodic Review Reporting section of this plan (Section 5).

If an emergency, such as a natural disaster or an unforeseen failure of any of the ECs occurs, an inspection of the site will be conducted within 5 days of the event to verify the effectiveness of the EC/ICs implemented at the site by a qualified environmental professional as determined by NYSDEC.

2.4.2 Notifications

Notifications will be submitted by the property owner to the NYSDEC as needed for the following reasons:

- 60-day advance notice of any proposed changes in site use that are required under the terms of the Order on Consent, 6 NYCRR Part 375, and/or Environmental Conservation Law.
- 7-day advance notice of any proposed ground-intrusive activities pursuant to the Excavation Work Plan.
- Notice within 48-hours of any damage or defect to the foundations/structures that reduces or has the potential to reduce the effectiveness of other Engineering Controls and likewise any action to be taken to mitigate the damage or defect.
- Verbal notice by noon of the following day of any emergency, such as a fire, flood, or earthquake that reduces or has the potential to reduce the effectiveness of Engineering Controls in place at the site, with written confirmation within 7 days that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public.

- Follow-up status reports on actions taken to respond to any emergency event requiring ongoing responsive action shall be submitted to the NYSDEC within 45 days and shall describe and document actions taken to restore the effectiveness of the ECs.

Any change in the ownership of the site or the responsibility for implementing this SMP will include the following notifications:

- At least 60 days prior to the change, the NYSDEC will be notified in writing of the proposed change. This will include a certification that the prospective purchaser has been provided with a copy of the Order on Consent and all approved work plans and reports, including this SMP
- Within 15 days after the transfer of all or part of the site, the new owner's name, contact representative, and contact information will be confirmed in writing.

2.5 CONTINGENCY PLAN

Emergencies may include injury to personnel, fire or explosion, environmental release, or serious weather conditions. The following sections are included to mitigate potential impacts to the site in the event of an emergency.

2.5.1 Emergency Telephone Numbers

In the event of any environmentally related situation or unplanned occurrence requiring assistance the Owner or Owner's representative(s), contact the appropriate party from the contact list below. For emergencies, appropriate emergency response personnel should be contacted. Prompt contact should also be made to Christopher Seib of Whitestone Associates, Inc. These emergency contact lists must be maintained in an easily accessible location at the site.

Table 10: Emergency Contact Numbers

Medical, Fire, and Police:	911
One Call Center:	(800) 272-4480 (3 day notice required for utility markout)
Poison Control Center:	(800) 222-1222
Pollution Toxic Chemical Oil Spills:	(800) 424-8802
NYSDEC Spills Hotline	(800) 457-7362

Table 11: Contact Numbers

Christopher Seib Director, Environmental Division Whitestone Associates, Inc.	908-668-7777
Keith T. D'Ambrosio, P.E. Principal, Environmental Services Whitestone Associates, Inc.	215-712-2700
Patrick Beesley Environmental Specialist Whitestone Associates, Inc.	908-668-7777
Joanne Landau Owner Wildey Group, LLC	914-271-5700

* Note: Contact numbers subject to change and should be updated as necessary

2.5.2 Map and Directions to Nearest Health Facility

Site Location: 124 to 134 Wildey Street, Tarrytown, New York 10591

Nearest Hospital Name: Phelps Memorial Hospital Center

Hospital Location: 701 Broadway, Sleep Hollow, New York 10591

Hospital Telephone: 914-366-3000

Directions to the Hospital:

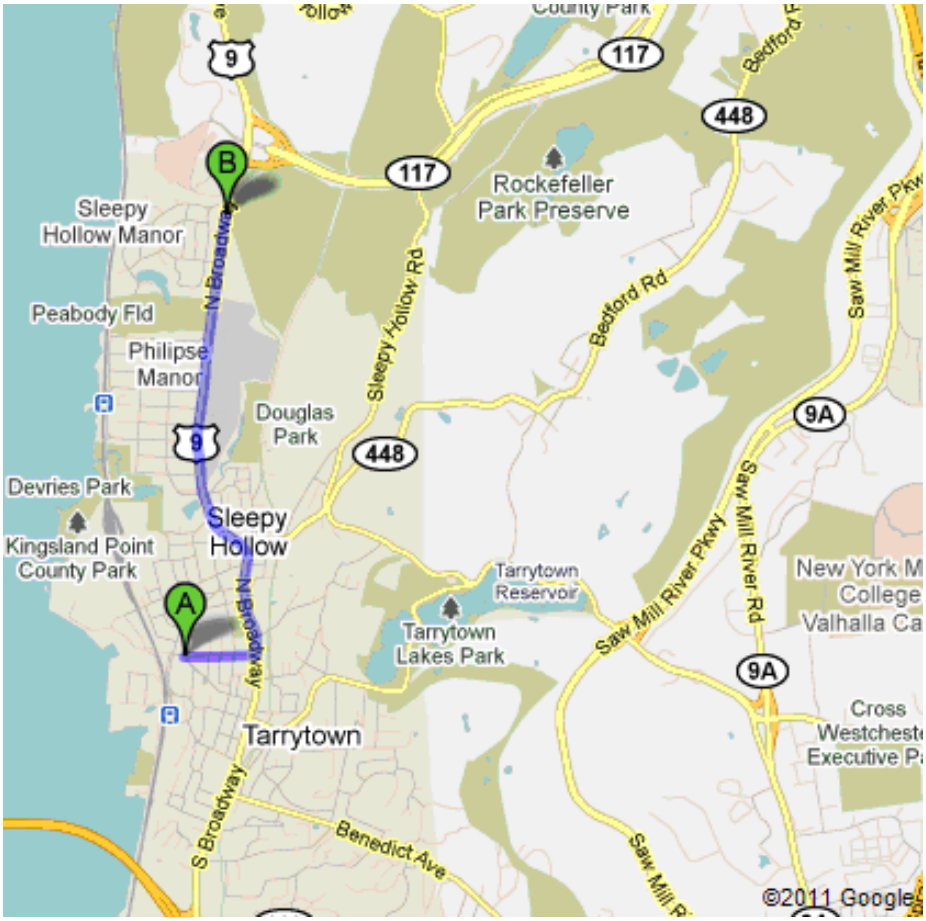
1. Head east on Wildey Street toward Valley Street. 0.3 mile
2. Turn left at US-9 N/N. Broadway. 1.9 mile
3. End at 701 N. Broadway

Total Distance: 2.2 miles

Total Estimated Time: Six minutes

Figure 5

Map Showing Route from the site to the Hospital:



2.5.3 Response Procedures

As appropriate, the fire department and other emergency response group will be notified immediately by telephone of the emergency. The emergency telephone number list is found at the beginning of this Contingency Plan (Table 10). The list will also be posted prominently at the site and made readily available to all personnel at all times.

2.5.3.1 Spills

The following procedures will be utilized in the event of a spill or release at the project site.

1. Administer first aid to injured/contaminated persons. Any employee observing a spill will act immediately to remove and/or protect injured/contaminated persons from any life-threatening situations. First aid and/or decontamination procedures will be implemented as appropriate. The employee should not endanger themselves to remove another person from a life-threatening event.

2. Warn unsuspecting persons/vehicles of the hazard. Employees will act to prevent any unsuspecting persons from coming in contact with spilled materials by alerting other nearby persons and by obtaining assistance of other project personnel who are familiar with spill control and cleanup techniques.

3. Stop the spill at the source, if possible. Without taking unnecessary risks, employees will attempt to stop the spill at the source. This may involve activities such as uprighting a drum, closing a valve, or temporarily sealing a hole with a plug. Employees will not expend more than a brief effort prior to notifying the field engineer.

4. Notify the Field Engineer. Utilizing available on-site communication systems or other rapid communication procedures, the field engineer will be notified of the spill, including information on material spilled, quantity, personnel injuries, and immediate life-threatening hazards.

If a flammable liquid is involved in the spill, remove all ignition sources and monitor for explosive conditions with an explosive meter during the clean-up. Also, remove any surrounding materials that might chemically react with the spill materials.

The field engineer will make a rapid assessment of any spill occurring at the project site, apply the appropriate safety considerations to the use of protective clothing and equipment in the spill release zone, and advise the responsible party as to primary containment measures. Depending upon the nature of the spill, primary containment measures may include, but are not limited to:

A. Constructing a temporary containment berm to control the horizontal flow of the spill using absorbent pads, booms, sandbags, sand, and/or other inert materials;

B. Placing drums under the leak to collect the spilling material before it flows onto the ground;

C. Digging a sump, installing a polyethylene liner and diverting the spilled material to the sump; and/or

D. Transferring the material from its original container to another container.

The field engineer will notify the project manager about the spill and steps taken to institute primary containment.

5. Clean-Up. The responsible party must develop an incident-specific spill clean-up plan that takes into consideration associated hazards, quantity of spilled material, disposal methods, and costs. The incident-specific spill clean-up plan will be reviewed by the Owner's/Responsible Party's field engineer and project manager and/or other involved federal, state, or local regulatory personnel. Once approved, the spill clean-up plan will be implemented by the responsible party under the direct observation of the field engineer.

Generally, all visually detectable spills, leaks, or releases of fuel oil will be collected and cleaned up using absorbent pads, booms, sandbags, sand, and/or other inert materials as practicable using the response procedures outlined below.

Spill Type	**Response**
Waste Oil on Ground	Contain spill and excavate visually contaminated soil. Containerize, sample for classification purposes, and dispose off site.
Building/Paved Surfaces	Contain spill. Power wash contaminated area. Collect and containerize resultant washwater. Sample for classification purposes and dispose off site.
Vehicle	Power wash and collect, handle, and dispose of decon fluids.

6. Inspection. The field engineer and/or project manager will jointly inspect the spill site with representatives of the Client, Responsible Party, and/or Property Owner to determine that the spill has been cleaned up by the responsible party to the satisfaction of involved regulatory agencies.

2.5.3.2 Excavation Routes and Procedures

Emergency escape routes shall be designated for use in situations where rapid egress from the worksite is required. The locations of these routes will be reviewed with site personnel during daily tool-box meetings.

An emergency evacuation alarm (i.e., air or vehicle horn) will be kept on site during site work activities. A series of regularly spaced, repeated blasts (four blasts) shall be used to signify that all personnel should evacuate the work area. After exiting the work area, personnel will meet at an upwind location designated by the field engineer. The emergency alarm will be sounded in the event of any serious problem or emergency on site which requires the assistance

of site personnel or site evacuation.

In all situations when an on-site emergency results in evacuation of the work zone, personnel will not be permitted to re-enter until:

- The conditions resulting in the emergency have been corrected;
- The hazards have been re-assessed;
- The site-specific HASP has been reviewed; and
- Site personnel have been briefed on any changes in the HASP.

3.0 Site Monitoring Plan

3.1 INTRODUCTION

3.1.1 General

The Monitoring Plan describes the measures for evaluating the performance and effectiveness of the remedy to reduce or mitigate contamination at the site, the soil cover system, and all affected site media identified below. Monitoring of other Engineering Controls is described in Chapter 4, Operation, Monitoring and Maintenance Plan. This Monitoring Plan may only be revised with the approval of NYSDEC.

3.1.2 Purpose and Schedule

This Monitoring Plan describes the methods to be used for:

- Sampling and analysis of all appropriate media (e.g., groundwater, indoor air, soil vapor, soils);
- Assessing compliance with applicable NYSDEC standards, criteria and guidance, particularly ambient groundwater standards and Part 375 SCOs for soil;
- Assessing achievement of the remedial performance criteria;
- Evaluating site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment; and/or
- Preparing the necessary reports for the various monitoring activities.

To adequately address these issues, this Monitoring Plan provides information on:

- Sampling locations, protocol, and frequency;
- Information on all designed monitoring systems (e.g., well logs);
- Analytical sampling program requirements;
- Reporting requirements;
- Quality Assurance/Quality Control (QA/QC) requirements;
- Inspection and maintenance requirements for monitoring wells;
- Monitoring well decommissioning procedures; and/or
- Annual inspection and periodic certification.

Annual inspection of the performance of the remedy will be conducted for the first five years. The frequency thereafter will be determined by NYSDEC. Following this period, trends in contaminant levels in air in the affected area, will be evaluated to determine if the remedy continues to be effective in achieving remedial goals.

Monitoring programs are summarized in Table 8 and outlined in detail in Sections 3.2 and 3.3 below.

Table 8: Monitoring/Inspection Schedule

Monitoring Program	Frequency*	Matrix	Analysis
Soil Cover/Cap Inspection	Annual	Soil/Concrete/Asphalt	NA
SSDS Inspection	Annual Regularly (by tenant)	Soil Vapor/Indoor Air SSDS Functioning	NA NA

* The frequency of events will be conducted as specified until otherwise approved by NYSDEC and NYSDOH

NA – Not Applicable

3.2 SOIL COVER SYSTEM MONITORING

A soil cover/cap inspection of the concrete building slabs, concrete sidewalks, asphalt pavement areas, and landscaped areas will be performed on an annual basis to ensure their integrities. Inspections will also be conducted following severe weather events.

3.3 MEDIA MONITORING PROGRAM

3.3.1 Groundwater Monitoring

Based on the groundwater data for the site as outlined in Section 1.3, groundwater monitoring will not be performed. Groundwater monitoring is not required as groundwater contamination at the site does not have a continued source, is present at concentrations slightly above the NYSDEC TOGS WQS, and the site has water use restrictions as part of this SMP and the Environmental Easement. The site and surrounding area also are serviced by public water. Therefore, there are no concerns for exposure to the low-level groundwater concentration.

3.3.1.1 Sampling Protocol

Unless otherwise requested in the future by NYSDEC to remove the Environmental Easement, groundwater monitoring will not be performed at the site.

3.3.1.2 Monitoring Well Repairs, Replacement And Decommissioning

Well abandonment was performed in April 2012 in accordance with NYSDEC's "Groundwater Monitoring Well Decommissioning Procedures." Specifically, the six on site and two off site wells were abandoned. No wells remain on site.

3.4 SITE-WIDE INSPECTION

Site-wide inspections will be performed on a regular schedule at a minimum of once a year. Site-wide inspections will also be performed after all severe weather conditions that may affect Engineering Controls or monitoring devices. During these inspections, an inspection form will be completed (Appendix G). The form will compile sufficient information to assess the following:

- Compliance with all ICs, including site usage;
- An evaluation of the condition and continued effectiveness of ECs;
- General site conditions at the time of the inspection;
- The site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection;
- Compliance with permits and schedules included in the Operation and Maintenance Plan; and
- Confirm that site records are up to date.

3.5 MONITORING QUALITY ASSURANCE/QUALITY CONTROL

Media monitoring is not required as part of the SMP. Accordingly, a Quality Assurance Project Plan (QAPP) is not necessary for the site.

3.6 MONITORING REPORTING REQUIREMENTS

Forms and any other information generated during regular inspections will be kept on file onsite. All forms, and other relevant reporting formats used during the inspection events, will be (1) subject to approval by NYSDEC and (2) submitted at the time of the Periodic Review Report, as specified in the Reporting Plan of this SMP.

A summary of the inspection program deliverables are summarized in Table 9 below.

Table 9: Schedule of Monitoring/Inspection Reports

Task	Reporting Frequency*
Soil Cover/Cap System Inspection	Annually
SSDS Operation Inspection	Annually

* The frequency of events will be conducted as specified until otherwise approved by NYSDEC

4.0 OPERATION AND MAINTENANCE PLAN

4.1 INTRODUCTION

This Operation and Maintenance Plan describes the measures necessary to operate, monitor and maintain the mechanical components of the remedy selected for the site. This Operation and Maintenance Plan:

- Includes the steps necessary to allow individuals unfamiliar with the site to operate and maintain the Sub-Slab Depressurization Systems;
- Includes an operation and maintenance contingency plan; and
- Will be updated periodically to reflect changes in site conditions or the manner in which the Sub-Slab Depressurization Systems are operated and maintained.

Information on non-mechanical Engineering Controls (i.e. soil cover system) is provided in Section 3 - Engineering and Institutional Control Plan. A copy of this Operation and Maintenance Plan, along with the complete SMP, will be kept at the site. This Operation and Maintenance Plan is not to be used as a stand-alone document, but as a component document of the SMP.

4.2 SUB-SLAB DEPRESSURIZATION SYSTEM OPERATION AND MAINTENANCE

4.2.1 Scope

The scope of this section pertains to the operation and maintenance of the SSDSs located within the vacant unit (former Van Tassel Cleaners) and the Osaka Japanese Restaurant unit. The SSDS systems consist of a four-inch diameter PVC pipes placed in the sub-base immediately below the building's floor slab. The pipes extend vertically (upward) through the units and vent to the exterior atmosphere above the roof. Fans (Radonaway Model HS-5000) capable of mechanically venting a minimum of 53 CFM of air from beneath the slab were placed in line with the vent pipes above the roof. Sealable sampling ports were installed at the bases of the units for future sampling purposes (if any). Additionally, in-line magnahelic vacuum gauges and alarm systems (Radonaway Checkpoint II) were installed on the SSDS units. The fans and gauges/alarms each have dedicated electrical circuits. The operation and maintenance program is designed to ensure that the SSDSs operate on a continuous basis at the site and provide the appropriate depressurization beneath the floor slab of the retail-strip building. The program primarily consists of the inspection of non-mechanical components and the inspection, maintenance, and repair/replacement of mechanical components. The SSDS in the former Van Tassel Cleaners began operation in October 2010. The SSDS in the Osaka Japanese Restaurant began operation in December 2012. As-builts of the SSDSs are provided in Appendix E.

4.2.2 System Start-Up and Testing

The Radonaway HS-5000 exhaust fans must be plugged into its dedicated 120V outlet.

Prior to start up, the connections to the Radonaway HS-5000 exhaust fans should be inspected to ensure all connections are tight. The integrity of the remainder of the SSDSs should also be inspected and the seals in the floor slabs around the SSDSs verified. The magnahelic gauges/alarms should also be plugged into their dedicated 120V outlets. To ensure the alarms are functioning, the alarm should sound and a red light be visible, once plugged in, when the exhaust fan is not operating.

The Radonaway HS-5000 is thermally protected such that it will shut off when the internal temperature is above 104 degrees F. Thus, if the Radonaway HS-5000 is idle in an area where the ambient temperature exceeds this shut off, it will not start/restart until the internal temperature falls below 104 degrees F.

START-UP OPERATION CHECKS

- Make final operation checks by verifying all connections are tight and leak-free.
- Ensure the Radonaway HS-5000 exhaust fans and all connections are secure, vibration-free, and free of obstruction.
- Turn on pressure alarms/gauges and ensure they are functioning.
- Turn on exhaust fans.
- Verify system vacuum pressures with magnehelic gauges. Ensure vacuum pressure is maintained. If adequate pressure is being maintained, the alarms will not sound and green lights will be visible on the alarm units.
- Upon start-up, allow systems to run a minimum of one hour and re-inspect. The inspection should include listening for leaks in the connections/seals of the SSDSs and feeling the units for vibration.

The installation and specification manuals for the Randonaway HS-5000 and Radonaway Checkpoint II magnehelic gauge/alarm are included in Appendix F. All manufacture requirements and recommendations should be followed.

The system testing described above will be conducted if, in the course of the Sub-Slab Depressurization Systems lifetimes, significant changes are made to the systems, and the systems must be restarted.

4.2.3 System Operation: Routine Operation Procedures

- The SSDSs are to run continuously. Tenant to perform routine inspections to ensure the systems are operational and the pressure alarms are not sounding.

- If the SSDS are not functioning or appear damaged, contact the personnel in Table 11.
- The systems must be operated in accordance with the requirements of the Westchester County Department of Heath Certificates to Operate a Source of Air Contamination Permit #52-7309 (#001) and 52-7276 (#002).

The installation and operation manuals for the Randonaway HS-5000 and Radonaway Checkpoint II magnehelic gauge/alarm are included in Appendix F.

4.2.4 System Operation: Routine Equipment Maintenance

There are no user serviceable parts located inside the HS-5000 fan unit. Do NOT attempt to open. Return unit to the factory for service.

A visual inspection of the SSDSs will be performed on an annual basis to ensure integrity of the systems and assess the need for maintenance. As needed, mechanical/equipment, fittings, and seals will be changed/replaced in accordance with the approved SSDS designs.

The installation and operation/maintenance manuals for the Randonaway HS-5000 and Radonaway Checkpoint II magnehelic gauge/alarm are included in Appendix F.

4.2.5 System Operation: Non-Routine Equipment Maintenance

There are no user serviceable parts located inside the fan unit. No NOT attempt to open. Return unit to the factory for service.

The Radonaway Checkpoint II alarm system is calibrated and sealed in the factory to alarm when the vacuum pressure falls below the factory setting of -0.25" water column and should not require field calibration.

If the SSDS alarm sounds (red light also present) or the system does not appear to be functioning, the personnel in Table 11 should be notified. These personnel will troubleshoot the system per the equipment manuals and make the appropriate repairs or replacements, as necessary. If inspections identify that damage to the SSDS has occurred from weather or other factors, the damaged components must be repaired or replaced per the approved SSDS designs. If modification to the SSDSs are necessary, NYSDEC/NYSDOH must be notified and approval for the modification obtained.

The installation and operation manuals for the Randonaway HS-5000 and Radonaway Checkpoint II magnehelic gauge/alarm are included in Appendix F.

4.3 SUB-SLAB DEPRESSURIZATION SYSTEM PERFORMANCE MONITORING

A SSDS has been installed within the former drycleaners unit of the retail-strip building to mitigate vapor intrusion concerns within the building. In accordance with Whitestone's April 7, 2010 *Sub-Slab Depressurization System Design Plan*, the SSDS

was installed at the site on July 28, 2010 and began operation on October 22, 2010. The SSDS consists of a four-inch diameter PVC pipe installed in the sub-base immediately below the building's floor slab which extend vertically upward through the roof and is connected to a motorized fan and exhaust stack. The system is monitored by a Radonaway Checkpoint II magnehelic gauge/alarm. Without sufficient pressure, the alarm sounds and displays a red light.

A SSDS has been installed within the Osaka Japanese Restaurant unit of the retail-strip building to mitigate vapor intrusion concerns within the building. In accordance with Whitestone's September 29, 2011 *Soil Vapor Intrusion Workplan,* the SSDS was installed at the site on July 23, 2012 and began operation on December 1, 2012. The SSDS consists of a four-inch diameter PVC pipe installed in the sub-base immediately below the building's floor slab which extend vertically upward through the roof and is connected to a motorized fan and exhaust stack. The system is monitored by a Radonaway Checkpoint II magnehelic gauge/alarm. Without sufficient pressure, the alarm sounds and displays a red light.

4.3.1 Monitoring Schedule

The visual inspection of the SSDSs will be performed on an annual basis to ensure the integrity of the systems and assess the need for maintenance and repair. The tenant of the former drycleaners and Osaka Japanese Restaurant units will also regularly inspect the SSDSs to ensure they are functioning. If the alarm is not sounding/showing red, the system is operational and creating sufficient sub-slab depressurization consistent with what was originally documented immediately follow installation. If the alarms aresounding/showing red, the tenant will contact the Owner and/or Owner's representative(s) (see Table 11) and the event will be documented in a *Non-Routine Maintenance Report.*

Inspection frequency is subject to change with the approval of the NYSDEC. Unscheduled inspections and/or sampling may take place when a suspected failure of one or both of the sub-slab depressurization systems has been reported or an emergency occurs that is deemed likely to affect the operation of the systems. Inspection deliverables for the sub-slab depressurization systems are specified later in this Plan.

4.3.2 General Equipment Monitoring

A visual inspection of the complete systems will be conducted during the monitoring event. Sub-slab depressurization systems components to be monitored include, but are not limited to, the following:

- Vacuum blower/fan (HS-5000);
- General system piping and fittings/seals;
- System alarm (Radonaway Checkpoint II); and
- Electrical system.

A complete list of components to be checked is provided in the Inspection Checklist, presented in Appendix G. If any equipment readings are not within their

typical range, any equipment is observed to be malfunctioning, or the systems are not performing within specifications, maintenance and repair as per the Operation and Maintenance Plan are required immediately, and the sub-slab depressurization systems restarted.

4.3.3 System Monitoring Devices and Alarms

The sub-slab depressurization systems have a warning device (Radonaway Checkpoint II) to indicate that the systems are not operating properly. In the event that the warning device is activated, applicable maintenance and repairs will be conducted, as specified in the Operation and Maintenance Plan, and the sub-slab depressurization systems restarted. Operational problems will be noted in the subsequent Periodic Review Report.

4.3.4 Sampling Event Protocol

Should a SSDS malfunction be identified during the annual inspection of the SSDS that is not related to damage or breaking of the SSDS equipment, communication testing as outlined in Whitestone's April 7, 2010 *Sub-Slab Depressurization System Design Plan* and September 29, 2011 *Soil Vapor Intrusion Workplan* will be performed to evaluate differential pressures beneath the building's floor slab.

4.4 MAINTENANCE AND PERFORMANCE MONITORING REPORTING REQUIREMENTS

Maintenance reports and any other information generated during regular operations at the site will be kept on-file on site. All reports, forms, and other relevant information generated will be available upon request to the NYSDEC and submitted as part of the Periodic Review Report, as specified in the Section 5 of this SMP.

4.4.1 Routine Maintenance Reports

Checklists or forms (see Appendices D and G) will be completed during each routine maintenance event. Checklists/forms will include, but not be limited to the following information:

- Date;
- Name, company, and position of person(s) conducting maintenance activities;
- Maintenance activities conducted;
- Any modifications to the system;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents noted (included either on the checklist/form or on an attached sheet); and

- Other documentation such as copies of invoices for maintenance work, receipts for replacement equipment, etc., (attached to the checklist/form).

4.4.2 Non-Routine Maintenance Reports

During each non-routine maintenance event, a form will be completed which will include, but not be limited to, the following information:

- Date;
- Name, company, and position of person(s) conducting non-routine maintenance/repair activities;
- Presence of leaks;
- Date of leak repair;
- Other repairs or adjustments made to the system;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents (included either on the form or on an attached sheet); and
- Other documentation such as copies of invoices for repair work, receipts for replacement equipment, etc. (attached to the checklist/form).

5.0 INSPECTIONS, REPORTING AND CERTIFICATIONS

5.1 SITE INSPECTIONS

5.1.1 Inspection Frequency

All inspections will be conducted at the frequency specified in the schedules provided in Section 3 Monitoring Plan and Section 4 Operation and Maintenance Plan of this SMP. At a minimum, a site-wide inspection will be conducted annually. Inspections of remedial components will also be conducted when a breakdown of any treatment system component has occurred or whenever a severe condition has taken place, such as an erosion or flooding event that may affect the ECs.

5.1.2 Inspection Forms, Sampling Data, and Maintenance Reports

All inspections and monitoring events will be recorded on the appropriate forms for their respective system which are contained in Appendix G (Sub-Slab Depressurization System). Additionally, a general site-wide inspection form will be completed during the site-wide inspection (see Appendix D). These forms are subject to NYSDEC revision.

All applicable inspection forms and other records, including all media sampling data and system maintenance reports, generated for the site during the reporting period will be provided in electronic format in the Periodic Review Report.

5.1.3 Evaluation of Records and Reporting

The results of the inspection and site monitoring data will be evaluated as part of the EC/IC certification to confirm that the:

- EC/ICs are in place, are performing properly, and remain effective;
- The Monitoring Plan is being implemented;
- Operation and maintenance activities are being conducted properly; and based on the above items,
- The site remedy continues to be protective of public health and the environment and is performing as designed in the RAWP and FER.

5.2 CERTIFICATION OF ENGINEERING AND INSTITUTIONAL CONTROLS

After the last inspection of the reporting period, a Professional Engineer licensed to practice in New York State will prepare the following certification:

> For each institutional or engineering control identified for the site, I certify that all of the following statements are true:

- The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control;
- Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document;
- Use of the site is compliant with the Environmental Easement;
- The engineering control systems are performing as designed and are effective;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program and generally accepted engineering practices; and
- The information presented in this report is accurate and complete.
- I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Keith T. D'Ambrosio, P.E., of Whitestone Associates, Inc., am certifying as Owner's Designated Site Representative for the site.

The signed certification will be included in the Periodic Review Report described below.

For each institutional identified for the site, I certify that all of the following statements are true:

- The institutional control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control;

- Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document;
- Use of the site is compliant with the Environmental Easement.
- The information presented in this report is accurate and complete.
- I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Keith T. D'Ambrosio, P.E., of Whitestone Associates, Inc., am certifying as Owner's Designated Site Representative for the site.

5.3 PERIODIC REVIEW REPORT

A Periodic Review Report will be submitted to the Department every year, beginning eighteen months after the release letter is issued. In the event that the site is subdivided into separate parcels with different ownership, a single Periodic Review Report will be prepared that addresses the site described in Appendix B (Metes and Bounds). The report will be prepared in accordance with NYSDEC DER-10 and submitted within 45 days of the end of each certification period. Media sampling results will also incorporated into the Periodic Review Report. The report will include:

- Identification, assessment and certification of all ECs/ICs required by the remedy for the site;
- Results of the required annual site inspections and severe condition inspections, if applicable;
- All applicable inspection forms and other records generated for the site during the reporting period in electronic format;
- A summary of any discharge monitoring data and/or information generated during the reporting period with comments and conclusions;
- A site evaluation, which includes the following:
    - The compliance of the remedy with the requirements of the site-specific RAWP, ROD or Decision Document;
    - The operation and the effectiveness of all treatment units, etc., including identification of any needed repairs or modifications;
    - Any new conclusions or observations regarding site contamination based on inspections or data generated by the Monitoring Plan for the media being monitored;

- Recommendations regarding any necessary changes to the remedy and/or Monitoring Plan; and
- The overall performance and effectiveness of the remedy.

- A performance summary for all treatment systems at the site during the calendar year, including information such as:
  - The number of days the system was run for the reporting period;
  - The average, high, and low flows per day;
  - The contaminant mass removed;
  - A description of breakdowns and/or repairs along with an explanation for any significant downtime;
  - A description of the resolution of performance problems;
  - A summary of the performance, effluent and/or effectiveness monitoring; and
  - Comments, conclusions, and recommendations based on data evaluation.

The Periodic Review Report will be submitted, in hard-copy format, to the NYSDEC Regional Office in which the site is located, and in electronic format to NYSDEC Regional Office and the NYSDOH Bureau of Environmental Exposure Investigation.

5.4 CORRECTIVE MEASURES PLAN

If any component of the remedy is found to have failed, or if the periodic certification cannot be provided due to the failure of an institutional or engineering control, a corrective measures plan will be submitted to the NYSDEC for approval. This plan will explain the failure and provide the details and schedule for performing work necessary to correct the failure. Unless an emergency condition exists, no work will be performed pursuant to the corrective measures plan until it is approved by the NYSDEC.

APPENDIX A – EXCAVATION WORK PLAN

A-1 NOTIFICATION

At least 15 days prior to the start of any activity that is anticipated to encounter remaining contamination, the site owner or their representative will notify the Department. Currently, this notification will be made to:

Ms. Janet Brown, Project Manager and

Mr. Edward Moore, Regional Remediation Engineer

NYSDEC Region 3

21 South Putt Corners Road

New Paltz, New York 12561-1696

This notification will include:

- A detailed description of the work to be performed, including the location and areal extent, plans for site re-grading, intrusive elements or utilities to be installed below the soil cover, estimated volumes of contaminated soil to be excavated and any work that may impact an engineering control,
- A summary of environmental conditions anticipated in the work areas, including the nature and concentration levels of contaminants of concern, potential presence of grossly contaminated media, and plans for any pre-construction sampling;
- A schedule for the work, detailing the start and completion of all intrusive work,
- A summary of the applicable components of this EWP,
- A statement that the work will be performed in compliance with this EWP and 29 CFR 1910.120,
- A copy of the contractor's health and safety plan, in electronic format, if it differs from the HASP also provided in Appendix A of this document,
- Identification of disposal facilities for potential waste streams,
- Identification of sources of any anticipated backfill, along with all required chemical testing results.

Simple excavations may only require compliance with a portion of the EWP. For example, excavation of a small volume of soil from above the water table that is directly loaded for off-site disposal would not require the stockpiling or fluids management provisions of this template.

A-2 SOIL SCREENING METHODS

Visual, olfactory and instrument-based soil screening will be performed by a qualified environmental professional during all remedial and development excavations into known or potentially contaminated material (remaining contamination). Soil screening will be performed regardless of when the invasive work is done and will include all excavation and invasive work performed during development, such as excavations for foundations and utility work, after issuance of the COC.

Soils will be segregated based on previous environmental data and screening results into material that requires off-site disposal, material that requires testing, material that can be returned to the subsurface, and material that can be used as cover soil.

A-3 STOCKPILE METHODS

Soil stockpiles will be continuously encircled with a berm and/or silt fence. Hay bales will be used as needed near catch basins, surface waters and other discharge points.

Stockpiles will be kept covered at all times with appropriately anchored tarps. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced.

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by NYSDEC.

A-4 MATERIALS EXCAVATION AND LOAD OUT

A qualified environmental professional or person under their supervision will oversee all invasive work and the excavation and load-out of all excavated material.

The owner of the property and its contractors are solely responsible for safe execution of all invasive and other work performed under this Plan.

The presence of utilities and easements on the site will be investigated by the qualified environmental professional. It will be determined whether a risk or impediment to the planned work under this SMP is posed by utilities or easements on the site.

Loaded vehicles leaving the site will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate Federal, State, local, and NYSDOT requirements (and all other applicable transportation requirements).

A truck wash will be operated on site. The qualified environmental professional will be responsible for ensuring that all outbound trucks will be washed at the truck wash before leaving the site until the activities performed under this section are complete.

Locations where vehicles enter or exit the site shall be inspected daily for evidence of off-site soil tracking.

The qualified environmental professional will be responsible for ensuring that all egress points for truck and equipment transport from the site are clean of dirt and other materials derived from the site during intrusive excavation activities. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to site-derived materials.

A-5 MATERIALS TRANSPORT OFF-SITE

All transport of materials will be performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded.

Material transported by trucks exiting the site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

All trucks will be washed prior to leaving the site. Truck wash waters will be collected and disposed of off-site in an appropriate manner.

Truck transport routes are as follows: No excavations currently are scheduled or anticipated to be scheduled in the near future at the site. Accordingly, no truck routes have been established to date. Should site redevelopment necessitate soil excavation and off-site disposal, truck routes will be provided to NYSDEC along with notification of intended activities (at least 15 days prior to commencement). All trucks loaded with site materials will exit the vicinity of the site using only these approved truck routes. This is the most appropriate route and takes into account: (a) limiting transport through residential areas and past sensitive sites; (b) use of city mapped truck routes; (c) prohibiting off-site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport.

Trucks will be prohibited from stopping and idling in the neighborhood outside the project site.

Egress points for truck and equipment transport from the site will be kept clean of dirt and other materials during site remediation and development.

Queuing of trucks will be performed on-site in order to minimize off-site disturbance. Off-site queuing will be prohibited.

A-6 MATERIALS DISPOSAL OFF-SITE

All soil/fill/solid waste excavated and removed from the site will be treated as contaminated and regulated material and will be transported and disposed in accordance with all local, State (including 6NYCRR Part 360) and Federal regulations. If disposal of soil/fill from this site is proposed for unregulated off-site disposal (i.e. clean soil removed for development purposes), a formal request with an associated plan will be made to the NYSDEC. Unregulated off-site management of materials from this site will not occur

without formal NYSDEC approval.

Off-site disposal locations for excavated soils will be identified in the pre-excavation notification. This will include estimated quantities and a breakdown by class of disposal facility if appropriate, i.e. hazardous waste disposal facility, solid waste landfill, petroleum treatment facility, C/D recycling facility, etc. Actual disposal quantities and associated documentation will be reported to the NYSDEC in the Periodic Review Report. This documentation will include: waste profiles, test results, facility acceptance letters, manifests, bills of lading and facility receipts.

Non-hazardous historic fill and contaminated soils taken off-site will be handled, at minimum, as a Municipal Solid Waste per 6NYCRR Part 360-1.2. Material that does not meet Track 1 unrestricted SCOs is prohibited from being taken to a New York State recycling facility (6NYCRR Part 360-16 Registration Facility).

A-7 MATERIALS REUSE ON-SITE

Soil generated from the site during future construction activities may be reused on the site or exported for off-site reuse provided sampling demonstrates compliance with NYSDEC SCOs as detailed in Table 6. The off-site reuse of soil MUST be approved by NYSDEC. Soil that does not meet the criteria for off-site and/or on-site reuse will be disposed at a permitted disposal facility. The Unrestricted Use SCOs that must be met to allow for off-site reuse (upon NYSDEC approval) are provided in Table 6. The way in which soil is reused on site is dependant of the SCOs that are exceeded as outlined in Table 6.

Based on the required sampling frequency for on-site and off-site reuse, material being evaluated should be stockpiled in approximately 50 to 100 cubic yard piles depending on the volume of material

All sampling methods and laboratory analyses should be conducted in accordance with Chapter 2 of DER-10. The full Target Compound List/Target Analyte List and TICs, in accordance with subparagraph 2.1 (a)1.ii of DER-10, should be sampled and analyzed for unless otherwise approved by NYSDEC. The required sampling frequencies are outlined in Table 7.

Chemical criteria for on-site reuse of material have been approved by NYSDEC and are listed in Table 6. The qualified environmental professional will ensure that procedures defined for materials reuse in this SMP are followed and that unacceptable material does not remain on-site. Contaminated on-site material, including historic fill and contaminated soil, that is acceptable for re-use on-site will be placed below the demarcation layer or impervious surface, and will not be reused within a cover soil layer, within landscaping berms, or as backfill for subsurface utility lines.

Any demolition material proposed for reuse on-site will be sampled for asbestos and the results will be reported to the NYSDEC for acceptance. Concrete crushing or processing on-site will not be performed without prior NYSDEC approval. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and

grubbing of the site will not be reused on-site.

A-8 FLUIDS MANAGEMENT

All liquids to be removed from the site, including excavation dewatering and groundwater monitoring well purge and development waters, will be handled, transported and disposed in accordance with applicable local, State, and Federal regulations. Dewatering, purge and development fluids will not be recharged back to the land surface or subsurface of the site, but will be managed off-site.

Discharge of water generated during large-scale construction activities to surface waters (i.e. a local pond, stream or river) will be performed under a SPDES permit.

A-9 COVER SYSTEM RESTORATION

After the completion of soil removal and any other invasive activities the cover system will be restored in a manner that complies with the CAW and SMP. The demarcation layer, consisting of orange snow fencing material or equivalent material will be replaced to provide a visual reference to the top of the 'Remaining Contamination Zone', the zone that requires adherence to special conditions for disturbance of remaining contaminated soils defined in this Site Management Plan. A demarcation layer currently does not exist on site as soil removal was not conducted. If the type of cover system changes from that which exists prior to the excavation (i.e., a soil cover is replaced by asphalt) as shown on Figure 4 and discussed in Section 2.2, this will constitute a modification of the cover element of the remedy and the upper surface of the 'Remaining Contamination. A figure showing the modified surface will be included in the subsequent Periodic Review Report and in any updates to the Site Management Plan.

A-10 BACKFILL FROM OFF-SITE SOURCES

For sampling fill imported to the site, the remedial party will sample and analyze the fill being imported to the site in accordance with this section of the SMP and Table 7. Samples of the fill will be collected based on the soil quantity and type of constituents identified in Table 7 and will be a combination of discrete and composite samples, handled as follows:

- For VOCs only, grab samples are allowed. These grab samples are one or more discrete samples taken from the fill, with the number as specified in the VOC column of Table 7 for the soil quantity in question, and analyzed for the VOCs identified in Appendix 5 of DER-10.
- For SVOCs, inorganics and polychlorinated biphenyls (PCBs)/pesticides;
    - one or more composite samples are collected from the volume of soil identified in Table 7 for analyses, each composite from a different location in the fill volume;

- each composite is prepared by collecting discrete samples from three to five random locations from the volume of soil to be tested; and
- the discrete samples are mixed, and after mixing, a sample of the mixture is analyzed for the SVOCs, inorganic and PCBs/pesticide constituents identified in Appendix 5 of DER-10.

Based on the development at the site and the lack of ecological receptors, the Ecological Resources SCOs are not applicable to the subject property. Applicable SCOs for the site include the Restricted Use Commercial and Protection of Groundwater SCOs.

Based on the required sampling frequency for imported soils, material being evaluated should be stockpiled in approximately 50 to 100 cubic yard stockpiles at the source for sampling and analyses depending on the volume of material.

All materials proposed for import onto the site will be approved by the qualified environmental professional and will be in compliance with provisions in this SMP prior to receipt at the site. This will include an evaluation of the past use of the source site.

Material from industrial sites, spill sites, or other environmental remediation sites or potentially contaminated sites will not be imported to the site.

All imported soils will meet the backfill and cover soil quality standards established in 6NYCRR 375-6.7(d). Based on an evaluation of the land use, protection of groundwater and protection of ecological resources criteria, the resulting soil quality standards are listed in Table 4. Soils that meet 'exempt' fill requirements under 6 NYCRR Part 360, but do not meet backfill or cover soil objectives for this site, will not be imported onto the site without prior approval by NYSDEC. Solid waste will not be imported onto the site.

Trucks entering the site with imported soils will be securely covered with tight fitting covers. Imported soils will be stockpiled separately from excavated materials and covered to prevent dust releases.

A-11 STORMWATER POLLUTION PREVENTION

A Stormwater Pollution Prevention Plan that conforms to the requirements of NYSDEC Division of Water guidelines and NYS regulations should be provided to NYSDEC for review and approval based on site-specific requirements for large excavations or disturbances exceeding one acre.

Barriers and hay bale checks will be installed and inspected once a week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by NYSDEC. All necessary repairs shall be made immediately.

Accumulated sediments will be removed as required to keep the barrier and hay bale check functional.

All undercutting or erosion of the silt fence toe anchor shall be repaired immediately with appropriate backfill materials.

Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

Erosion and sediment control measures identified in the SMP shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters

Silt fencing or hay bales will be installed around the entire perimeter of the construction area.

A-12 CONTINGENCY PLAN

If underground tanks or other previously unidentified contaminant sources are found during post-remedial subsurface excavations or development related construction, excavation activities will be suspended until sufficient equipment is mobilized to address the condition.

Sampling will be performed on product, sediment and surrounding soils, etc. as necessary to determine the nature of the material and proper disposal method. Chemical analysis will be performed for full a full list of analytes (TAL metals; TCL volatiles and semi-volatiles, TCL pesticides and PCBs), unless the site history and previous sampling results provide a sufficient justification to limit the list of analytes. In this case, a reduced list of analytes will be proposed to the NYSDEC for approval prior to sampling.

Identification of unknown or unexpected contaminated media identified by screening during invasive site work will be promptly communicated by phone to NYSDEC's Project Manager. Reportable quantities of petroleum product will also be reported to the NYSDEC spills hotline. These findings will be also included in the periodic reports prepared pursuant to Section 5 of the SMP.

A-13 COMMUNITY AIR MONITORING PLAN

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. Periodic monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the

proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

VOCs must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate.

The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter 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 equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

A figure showing the location of air sampling stations based on generally prevailing wind conditions is shown in Figure 2. These locations will be adjusted on a daily or more frequent basis based on actual wind directions to provide an upwind and at least two downwind monitoring stations. If a sensitive receptor, such as a school, day care or residential area is adjacent to the site, a fixed monitoring station should be located at the site perimeter, regardless of wind direction, and discussed in the text.

Exceedances of action levels listed in the CAMP will be reported to NYSDEC and NYSDOH Project Managers.

A-14 ODOR CONTROL PLAN

This odor control plan is capable of controlling emissions of nuisance odors off-site and on-site. Specific odor control methods to be used on a routine basis will include the measures outlined below. If nuisance odors are identified at the site boundary, or if odor complaints are received, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of any other complaints about the project. Implementation of all odor controls, including the halt of work, is the responsibility of the property owner's Remediation Engineer, and any measures that are implemented will be discussed in the Periodic Review Report.

All necessary means will be employed to prevent on- and off-site nuisances. At a minimum, these measures will include: (a) limiting the area of open excavations and size of soil stockpiles; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-site disposal; (e) use of chemical odorants in spray or misting systems; and, (f) use of staff to monitor odors in surrounding neighborhoods.

If nuisance odors develop during intrusive work that cannot be corrected, or where the control of nuisance odors cannot otherwise be achieved due to on-site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering the excavation and handling areas in a temporary containment structure equipped with appropriate air venting/filtering systems.

A-15 DUST CONTROL PLAN

A dust suppression plan that addresses dust management during invasive on-site work will include, at a minimum, the items listed below:

- Dust suppression will be achieved through the use of a dedicated on-site water truck for road wetting. The truck will be equipped with a water cannon capable of spraying water directly onto off-road areas including excavations and stockpiles.
- Clearing and grubbing of larger sites will be done in stages to limit the area of exposed, unvegetated soils vulnerable to dust production.
- Gravel will be used on roadways to provide a clean and dust-free road surface.
- On-site roads will be limited in total area to minimize the area required for water truck sprinkling.

A-16 OTHER NUISANCES

A plan for rodent control will be developed and utilized by the contractor prior to and during site clearing and site grubbing, and during all remedial work.

A plan will be developed and utilized by the contractor for all remedial work to ensure compliance with local noise control ordinances.

APPENDIX A
Excavation Work Plan (including Example HASP/CAMP)

APPENDIX A – EXCAVATION WORK PLAN

A-1 NOTIFICATION

At least 15 days prior to the start of any activity that is anticipated to encounter remaining contamination, the site owner or their representative will notify the Department. Currently, this notification will be made to:

Ms. Janet Brown, Project Manager and

Mr. Edward Moore, Regional Remediation Engineer

NYSDEC Region 3

21 South Putt Corners Road

New Paltz, New York 12561-1696

This notification will include:

- A detailed description of the work to be performed, including the location and areal extent, plans for site re-grading, intrusive elements or utilities to be installed below the soil cover, estimated volumes of contaminated soil to be excavated and any work that may impact an engineering control,
- A summary of environmental conditions anticipated in the work areas, including the nature and concentration levels of contaminants of concern, potential presence of grossly contaminated media, and plans for any pre-construction sampling;
- A schedule for the work, detailing the start and completion of all intrusive work,
- A summary of the applicable components of this EWP,
- A statement that the work will be performed in compliance with this EWP and 29 CFR 1910.120,
- A copy of the contractor's health and safety plan, in electronic format, if it differs from the HASP also provided in Appendix A of this document,
- Identification of disposal facilities for potential waste streams,
- Identification of sources of any anticipated backfill, along with all required chemical testing results.

Simple excavations may only require compliance with a portion of the EWP. For example, excavation of a small volume of soil from above the water table that is directly loaded for off-site disposal would not require the stockpiling or fluids management provisions of this template.

A-2 SOIL SCREENING METHODS

Visual, olfactory and instrument-based soil screening will be performed by a qualified environmental professional during all remedial and development excavations into known or potentially contaminated material (remaining contamination). Soil screening will be performed regardless of when the invasive work is done and will include all excavation and invasive work performed during development, such as excavations for foundations and utility work, after issuance of the COC.

Soils will be segregated based on previous environmental data and screening results into material that requires off-site disposal, material that requires testing, material that can be returned to the subsurface, and material that can be used as cover soil.

A-3 STOCKPILE METHODS

Soil stockpiles will be continuously encircled with a berm and/or silt fence. Hay bales will be used as needed near catch basins, surface waters and other discharge points.

Stockpiles will be kept covered at all times with appropriately anchored tarps. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced.

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by NYSDEC.

A-4 MATERIALS EXCAVATION AND LOAD OUT

A qualified environmental professional or person under their supervision will oversee all invasive work and the excavation and load-out of all excavated material.

The owner of the property and its contractors are solely responsible for safe execution of all invasive and other work performed under this Plan.

The presence of utilities and easements on the site will be investigated by the qualified environmental professional. It will be determined whether a risk or impediment to the planned work under this SMP is posed by utilities or easements on the site.

Loaded vehicles leaving the site will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate Federal, State, local, and NYSDOT requirements (and all other applicable transportation requirements).

A truck wash will be operated on site. The qualified environmental professional will be responsible for ensuring that all outbound trucks will be washed at the truck wash before leaving the site until the activities performed under this section are complete.

Locations where vehicles enter or exit the site shall be inspected daily for evidence of off-site soil tracking.

The qualified environmental professional will be responsible for ensuring that all egress points for truck and equipment transport from the site are clean of dirt and other materials derived from the site during intrusive excavation activities. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to site-derived materials.

A-5 MATERIALS TRANSPORT OFF-SITE

All transport of materials will be performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded.

Material transported by trucks exiting the site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

All trucks will be washed prior to leaving the site. Truck wash waters will be collected and disposed of off-site in an appropriate manner.

Truck transport routes are as follows: No excavations currently are scheduled or anticipated to be scheduled in the near future at the site. Accordingly, no truck routes have been established to date. Should site redevelopment necessitate soil excavation and off-site disposal, truck routes will be provided to NYSDEC along with notification of intended activities (at least 15 days prior to commencement). All trucks loaded with site materials will exit the vicinity of the site using only these approved truck routes. This is the most appropriate route and takes into account: (a) limiting transport through residential areas and past sensitive sites; (b) use of city mapped truck routes; (c) prohibiting off-site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport.

Trucks will be prohibited from stopping and idling in the neighborhood outside the project site.

Egress points for truck and equipment transport from the site will be kept clean of dirt and other materials during site remediation and development.

Queuing of trucks will be performed on-site in order to minimize off-site disturbance. Off-site queuing will be prohibited.

A-6 MATERIALS DISPOSAL OFF-SITE

All soil/fill/solid waste excavated and removed from the site will be treated as contaminated and regulated material and will be transported and disposed in accordance with all local, State (including 6NYCRR Part 360) and Federal regulations. If disposal of soil/fill from this site is proposed for unregulated off-site disposal (i.e. clean soil removed

for development purposes), a formal request with an associated plan will be made to the NYSDEC. Unregulated off-site management of materials from this site will not occur without formal NYSDEC approval.

Off-site disposal locations for excavated soils will be identified in the pre-excavation notification. This will include estimated quantities and a breakdown by class of disposal facility if appropriate, i.e. hazardous waste disposal facility, solid waste landfill, petroleum treatment facility, C/D recycling facility, etc. Actual disposal quantities and associated documentation will be reported to the NYSDEC in the Periodic Review Report. This documentation will include: waste profiles, test results, facility acceptance letters, manifests, bills of lading and facility receipts.

Non-hazardous historic fill and contaminated soils taken off-site will be handled, at minimum, as a Municipal Solid Waste per 6NYCRR Part 360-1.2. Material that does not meet Track 1 unrestricted SCOs is prohibited from being taken to a New York State recycling facility (6NYCRR Part 360-16 Registration Facility).

A-7 MATERIALS REUSE ON-SITE

Soil generated from the site during future construction activities may be reused on the site or exported for off-site reuse provided sampling demonstrates compliance with NYSDEC SCOs as detailed in Table 6. The off-site reuse of soil MUST be approved by NYSDEC. Soil that does not meet the criteria for off-site and/or on-site reuse will be disposed at a permitted disposal facility.. The Unrestricted Use SCOs that must be met to allow for off-site reuse (upon NYSDEC approval) are provided in Table 6. The way in which soil is reused on site is dependant of the SCOs that are exceeded as outlined in Table 6.

Based on the required sampling frequency for on-site and off-site reuse, material being evaluated should be stockpiled in approximately 50 to 100 cubic yard piles depending on the volume of material

All sampling methods and laboratory analyses should be conducted in accordance with Chapter 2 of DER-10. The full Target Compound List/Target Analyte List and TICs, in accordance with subparagraph 2.1 (a)1.ii of DER-10, should be sampled and analyzed for unless otherwise approved by NYSDEC. The required sampling frequencies are outlined in Table 7.

Chemical criteria for on-site reuse of material have been approved by NYSDEC and are listed in Table 6. The qualified environmental professional will ensure that procedures defined for materials reuse in this SMP are followed and that unacceptable material does not remain on-site. Contaminated on-site material, including historic fill and contaminated soil, that is acceptable for re-use on-site will be placed below the demarcation layer or impervious surface, and will not be reused within a cover soil layer, within landscaping berms, or as backfill for subsurface utility lines.

Any demolition material proposed for reuse on-site will be sampled for asbestos and the results will be reported to the NYSDEC for acceptance. Concrete crushing or

processing on-site will not be performed without prior NYSDEC approval. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the site will not be reused on-site.

A-8 FLUIDS MANAGEMENT

All liquids to be removed from the site, including excavation dewatering and groundwater monitoring well purge and development waters, will be handled, transported and disposed in accordance with applicable local, State, and Federal regulations. Dewatering, purge and development fluids will not be recharged back to the land surface or subsurface of the site, but will be managed off-site.

Discharge of water generated during large-scale construction activities to surface waters (i.e. a local pond, stream or river) will be performed under a SPDES permit.

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After the completion of soil removal and any other invasive activities the cover system will be restored in a manner that complies with the CAW and SMP. The demarcation layer, consisting of orange snow fencing material or equivalent material will be replaced to provide a visual reference to the top of the 'Remaining Contamination Zone', the zone that requires adherence to special conditions for disturbance of remaining contaminated soils defined in this Site Management Plan. A demarcation layer currently does not exist on site as soil removal was not conducted. If the type of cover system changes from that which exists prior to the excavation (i.e., a soil cover is replaced by asphalt) as shown on Figure 4 and discussed in Section 2.2, this will constitute a modification of the cover element of the remedy and the upper surface of the 'Remaining Contamination. A figure showing the modified surface will be included in the subsequent Periodic Review Report and in any updates to the Site Management Plan.

A-10 BACKFILL FROM OFF-SITE SOURCES

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- one or more composite samples are collected from the volume of soil identified in Table 7 for analyses, each composite from a different location in the fill volume;
- each composite is prepared by collecting discrete samples form three to five random locations from the volume of soil to be tested; and
- the discrete samples are mixed, and after mixing, a sample of the mixture is analyzed for the SVOCs, inorganic and PCBs/pesticide constituents identified in Appendix 5 of DER-10.

Based on the development at the site and the lack of ecological receptors, the Ecological Resources SCOs are not applicable to the subject property. Applicable SCOs for the site include the Restricted Use Commercial and Protection of Groundwater SCOs.

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If underground tanks or other previously unidentified contaminant sources are found during post-remedial subsurface excavations or development related construction, excavation activities will be suspended until sufficient equipment is mobilized to address the condition.

Sampling will be performed on product, sediment and surrounding soils, etc. as necessary to determine the nature of the material and proper disposal method. Chemical analysis will be performed for full a full list of analytes (TAL metals; TCL volatiles and semi-volatiles, TCL pesticides and PCBs), unless the site history and previous sampling results provide a sufficient justification to limit the list of analytes. In this case, a reduced list of analytes will be proposed to the NYSDEC for approval prior to sampling.

Identification of unknown or unexpected contaminated media identified by screening during invasive site work will be promptly communicated by phone to NYSDEC's Project Manager. Reportable quantities of petroleum product will also be reported to the NYSDEC spills hotline. These findings will be also included in the periodic reports prepared pursuant to Section 5 of the SMP.

A-13 COMMUNITY AIR MONITORING PLAN

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. Periodic monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while

opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

VOCs must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate.

The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter 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 equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

A figure showing the location of air sampling stations based on generally prevailing wind conditions is shown in Figure 2. These locations will be adjusted on a daily or more frequent basis based on actual wind directions to provide an upwind and at least two downwind monitoring stations. If a sensitive receptor, such as a school, day care or residential area is adjacent to the site, a fixed monitoring station should be located at the site perimeter, regardless of wind direction, and discussed in the text.

Exceedances of action levels listed in the CAMP will be reported to NYSDEC and NYSDOH Project Managers.

A-14 ODOR CONTROL PLAN

This odor control plan is capable of controlling emissions of nuisance odors off-site and on-site. Specific odor control methods to be used on a routine basis will include the measures outlined below. If nuisance odors are identified at the site boundary, or if odor complaints are received, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of any other complaints about the project. Implementation of all odor controls, including the halt of work, is the responsibility of the property owner's Remediation Engineer, and any measures that are implemented will be discussed in the Periodic Review Report.

All necessary means will be employed to prevent on- and off-site nuisances. At a minimum, these measures will include: (a) limiting the area of open excavations and size of soil stockpiles; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-site disposal; (e) use of chemical odorants in spray or misting systems; and, (f) use of staff to monitor odors in surrounding neighborhoods.

If nuisance odors develop during intrusive work that cannot be corrected, or where the control of nuisance odors cannot otherwise be achieved due to on-site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering the excavation and handling areas in a temporary containment structure equipped with appropriate air venting/filtering systems.

A-15 DUST CONTROL PLAN

A dust suppression plan that addresses dust management during invasive on-site work will include, at a minimum, the items listed below:

- Dust suppression will be achieved though the use of a dedicated on-site water truck for road wetting. The truck will be equipped with a water cannon capable of spraying water directly onto off-road areas including excavations and stockpiles.
- Clearing and grubbing of larger sites will be done in stages to limit the area of exposed, unvegetated soils vulnerable to dust production.
- Gravel will be used on roadways to provide a clean and dust-free road surface.
- On-site roads will be limited in total area to minimize the area required for water truck sprinkling.

A-16 OTHER NUISANCES

A plan for rodent control will be developed and utilized by the contractor prior to and during site clearing and site grubbing, and during all remedial work.

A plan will be developed and utilized by the contractor for all remedial work to ensure compliance with local noise control ordinances.

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EXAMPLE

SITE-SPECIFIC HEALTH AND SAFETY PLAN AND COMMUNITY AIR MONITORING PLAN

RIVER PLAZA SHOPPING CENTER
124 TO 134 WILDEY STREET
TARRYTOWN, WESTCHESTER COUNTY, NEW YORK
NYSDEC SITE ID NO.: 360084

Submitted to:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation, Region 3
21 South Putt Corners Road
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Whitestone Project No.: EJ0810744.005
December 2011

EXAMPLE

SITE-SPECIFIC HEALTH AND SAFETY PLAN AND COMMUNITY AIR MONITORING PLAN

River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

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SITE-SPECIFIC HEALTH AND SAFETY PLAN AND COMMUNITY AIR MONITORING PLAN

River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

SIGNATURE SHEET

This Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) has been reviewed and hereby approved. By their signatures, the following undersigned certify that this Health and Safety Plan meets the requirements of 29 CFR 1910.120 and all other applicable regulations for the protection of health and safety of all persons entering upon this site based on current site data. This HASP/CAMP has been prepared as a minimum guide for health and safety procedures and must be specifically modified or supplemented based on the proposed future intrusive activities at the site that might be associated with remediation or construction/redevelopment.

_____ _____

Keith T. D'Amborio, P.E.• Principal, Environmental Services
Technical Advisor — Date
Whitestone Associates, Inc.

_____ _____

Christopher Seib • Director, Environmental Division — Date
Whitestone Associates, Inc.

_____ _____

Patrick Beesley • Environmental Specialist — Date
Whitestone Associates, Inc

_____ _____

Date

SITE-SPECIFIC HEALTH AND SAFETY PLAN AND

EXAMPLE

COMMUNITY AIR MONITORING PLAN

River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

NOTICE

Site personnel shall comply with the minimum requirements specified in this document as appropriate to conducted future environmental remediation or construction/redevelopment. This HASP/CAMP has been prepared as a minimum guide for health and safety procedures and must be specifically modified or supplemented based on the proposed future intrusive activities at the site that might be associated with remediation or construction/redevelopment.

Personnel unable to read or understand the contents of this document shall have their Supervisor explain the contents of the document prior to working on the site. Personnel who have questions should discuss their questions with their Supervisor for clarification. If the questions cannot be satisfactorily answered, the Supervisor shall contact Client's project representative for assistance.

In the event of an emergency (injury or illness, skin or clothing contamination, fatality, vehicle accident, serious property damage, spill, etc.), immediately notify your Supervisor.

EXAMPLE

SITE-SPECIFIC HEALTH AND SAFETY PLAN AND COMMUNITY AIR MONITORING PLAN

River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

ACRONYMS AND ABBREVIATIONS

ACGIH	American Conference of Governmental Industrial Hygienists
ANSI	American National Standards Institute
CEQR	City Environmental Quality Review
CFR	Code of Federal Regulations
CRZ	Contamination Reduction Zone
dBA	Decibels, A-weighted
EUS	Eastern United States
GFCI	Ground Fault Circuit Indicator
GW	Groundwater
H&S	Health and Safety
HASP	Site-Specific Health and Safety Plan
IDLH	Immediately Dangerous to Life and Health
LEL	Lower Explosive Limit
mg/m^3	Milligram per cubic meter
MSA	Mine Safety Apparatus
MSDS	Material Safety Data Sheet
MSHA	Mine Safety Health Administration
NFA	No Further Action
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PID	Photoionization Detector
PPE	Personal Protective Equipment
PRCS	Permit Required Confined Space
RF	Respirable Fraction
SHSO	Site Health and Safety Officer
SOP	Standard Operating Procedure
SOW	Scope of Work
STEL	Short-Term Exposure Limit
SVOC	Semivolatile Organic Compound
NYSDEC SCOs	NYSDEC Part 375 Soil Cleanup Objectives
TAL	Target Analyte List
TD	Total Dust
TLV	Threshold Limit Value
TOGS	NYSDEC Technical and Operational Series Guidance Series (1.1.1) Ambient Groundwater Quality Standards
TWA	Time-Weighted Average
UEL	Upper Explosive Limit
USCG	United States Coast Guard
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

SECTION 1.0

Introduction

1.1 PURPOSE AND SCOPE

1.1.1 Purpose

This Site-Specific Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) provides the minimum acceptable requirements for ensuring worker safety and health during site excavation and earthwork activities associated with any potential future site construction/redevelopment or remediation, and the management of soils or groundwater containing low levels of volatile organic compounds (VOCs), pesticides, semi-volatile organic compounds (SVOCs), and/or metals at concentrations exceeding New York State Department of Environmental Conservation (NYSDEC) Part 375 Soil Cleanup Objectives (NYSDEC SCOs) or Technical and Operation Guidance Series (1.1.1) Water Quality Standards (TOGS WQS). This HASP/CAMP also addresses the necessary minimum requirements to ensure protection of the environment and compliance with applicable environmental regulations.

1.1.2 Scope

This HASP/CAMP is directly applicable to future site excavation and earthwork activities identified in Section 1.4.2 of this document. This HASP/CAMP has been prepared as a minimum guide for health and safety procedures and must be specifically modified or supplemented based on the proposed intrusive activities at the site that might be associated with remediation or construction/redevelopment.

1.2 REFERENCES

OSHA 29 CFR 1910	General Industry, Occupational Safety and Health (OSHA) Safety and Health Standards
OSHA 29 CFR 1926	Construction Industry, OSHA Safety and Health Standards
NIOSH 85-115	NIOSH/OSHA/USCG/USEPA, Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities;
ANSI Z41.1	Protective Footwear
ANSI Z87.1	Practice for Occupational and Educational Eye and Face Protection
ANSI Z88.2	Practice for Respiratory Protection
ANSI Z88.6	Physical Qualifications for Respirator Use
ACGIH	American Conference of Government Industrial Hygienist, Threshold Limit Values and Biological Exposure Indices, Current Edition

--- Other applicable local, state, and/or federal environmental, health and safety-related codes, standards, regulations, and requirements.

1.3 DEFINITIONS

A. **"The Project Site"** - River Plaza Shopping Center located at 124 to 134 Wildey Street in Tarrytown, Westchester County, New York.

B. **"The Project"** - Future site excavation and earthwork activities associated with potential site construction/redevelopment and remediation, and the management of soils and groundwater containing low levels of VOCs, pesticides, SVOCs, and/or metals at concentrations exceeding NYSDEC Part 375 SCOs or TOGS WQS.

C. **"The Client"** - Project specific.

D. **"The Consultant"** - Companies engaged by the client or client's general contractor to provide environmental services during the construction/redevelopment or remediation efforts.

E. **"On-Site Contractors"** - Companies engaged by the client or client's general contractor to conduct construction/redevelopment or remediation efforts at the Project Site.

F. **"Qualified Person"** - A person with a recognized degree or professional certificate along with extensive knowledge and experience in the subject field who is capable of doing design, analysis, evaluation, and specifications.

G. **"Competent Person"** - A person who, because of training and experience, is capable of identifying hazardous or dangerous conditions in the subject work activities and of training site workers to identify such conditions.

H. **"Authorized Personnel" -** A person approved or assigned by the employer to perform a specific type of duty or duties or to be at a specific location or locations at the project site.

I. **"Stop Work Authority"** - Designated qualified and competent persons will have the authority to stop work in imminent danger situations, or in any situation deemed unsafe or unhealthful to those working on the site. Work shall remain stopped until the impact or condition has been corrected as per the requirements of this HASP/CAMP.

1.4 SITE DESCRIPTION AND WORK SCOPE

1.4.1 Description of Site

The subject property is located at 124 to 134 Wildey Street in Tarrytown, Westchester County, New York. The property is further identified as Tax Sheet 2, Lots P25 and P-25B, and comprises approximately 3.3 acres.

1.4.1.1 Site Use

The subject property currently consists of an approximately 24,000 square feet (footprint), single-story, retail building occupied by Walgreens, Dunkin' Donuts, a vacant space and Chase Bank in the southern portion of the site and an approximately 9,000 square feet (footprint), retail-strip building occupied (from west to east) by Van Tassel Cleaners, a vacant space (former Tappan Zee Dental Group), a laundromat, a vacant space (a former video store), and a former dollar store. The remaining portions of the site consist of asphalt-paved parking and driveway areas and landscaped areas. The parcel located immediately west of the retail-strip building currently is occupied by a McDonald's restaurant.

1.4.1.2 Uses of Adjoining Properties

The area immediately surrounding the subject property consists of a mix of residential and commercial uses. The site is bound by a playground and residential properties beyond Wildey Street to the north; residential properties beyond Central Avenue to the east; a residential apartment building to the south; and a McDonald's restaurant, Cortland Street, commercial properties, and railroad tracks to the west.

1.4.1.3 Physical Setting

Surface topography at the subject property is relatively flat with an approximate average elevation of approximately 25 feet above mean sea level (msl). The subsurface conditions encountered in the soil borings and monitor wells installed at the site by Whitestone consisted of the following generalized strata in order of increasing depth.

Surface Material: Six inches of asphalt/subbase or topsoil were encountered in the borings and monitor wells drilled at the site.

Fill Materials: Fill materials generally consisting of gray medium to fine sand with variable amounts of silt, gravel, and debris were encountered in the borings drilled during this investigation. The debris encountered in the borings consisted of brick, asphalt, concrete, and wood fragments. The borings penetrated through the fill material at depths ranging from approximately 0.5 feet below ground surface (fbgs) to 6.0 fbgs. Fill material historically had been documented at the site to depths of 7.0 fbgs.

Native Materials: Underlying the fill materials, three strata of soils were encountered in the borings. The first stratum consisted of layers of dark grayish-brown sand and silt between 6.0 fbgs and 14.0 fbgs. The

second stratum consisted of a layer of dark brownish-black fibrous peat between 14.0 fbgs and 16.0 fbgs and the third stratum consisted of intermingled layers of clay, silt, and sand to termination depths of 30.0 fbgs.

Groundwater: Static groundwater conditions recorded during the current investigations and monitoring activities were encountered at depths that ranged from approximately 6.0 fbgs to 8.0 fbgs. RI activities conducted by Whitestone have not identified perched groundwater conditions at the site. Groundwater at the site flows to the southwest which is suspected to be consistent with regional conditions.

1.4.1.4 Groundwater

Groundwater was encountered beneath the subject property during the most recent investigation activities at depths of approximately 6.0 fbgs to 8.0 fbgs. RI activities conducted by Whitestone have not identified perched groundwater conditions at the site. Following the installation and gauging of an additional groundwater monitor well (MW-8) in the southwestern portion of the site during Whitestone's most recent RI activities, a southwesterly groundwater flow direction has been confirmed. Groundwater flow direction is shown on Figures 4 and 5.

Groundwater sampling and analyses identified the VOCs and vinyl chloride, the pesticide dieldrin, and select metals in the groundwater at concentrations exceeding NYSDEC Technical and Operational Series Guidance Series (1.1.1) Ambient Groundwater Quality Standards (TOGS). Metals concentrations are indicative of regional background conditions, and not indicative of an impact to groundwater from site operations.

Although remediation of groundwater is not required, de-watering may be necessary during excavation and construction activities. In the event that de-watering is required, groundwater sampling should be conducted to characterize the groundwater which will be dewatered. Based on the results of the groundwater sampling activities, the appropriate remedial systems should be implemented or the necessary permits obtained in accordance with State and local regulations.

1.4.2 Scope of Work

The scope of work (SOW) covered by this HASP/CAMP generally includes potential excavation and earthwork activities associated with future site construction/redevelopment or remediation, and the management of soils and groundwater containing low levels of VOCs, SVOCs, pesticides, and metals at concentrations exceeding NYSDEC Part 375 SCOs or TOGS WQS. The actual SOW shall be as stated in the contractual agreement between the client/owner and its on-site contractors. This HASP/CAMP has been prepared as a future guide for health and safety procedures and must be specifically modified or supplemented based on the proposed intrusive activities at the site that might be associated with remediation and/or construction/redevelopment.

All earthwork/intrusive activities and soil and groundwater management must also be conducted in accordance with the property's *Site Management Plan* (SMP). The SMP outlines the disturbance, management, and replacement of impacted soils and groundwater at the site. The SMP also provides details on the characterization of these materials. The intrusive activities must ensure human health and the environment are protected and all established site covers are restored as outlined in the SMP.

On-site contractors will be responsible for ensuring that the proper health and safety measures are employed during earthwork and construction activities (including particulate monitoring, dust mitigation measures, and soil erosion sediment control techniques, as required).

1.5 ON-SITE CONTRACTOR H&S REQUIREMENTS

On-site contractors will be required to follow their own general safety plans/requirements for typical construction-related activities. At a minimum, on-site contractors shall meet the requirements of this document and all applicable federal, state, and local regulations. This HASP/CAMP has been prepared as a minimum guide for health and safety procedures and must be specifically modified or supplemented based on the proposed intrusive activities at the site that might be associated with remediation or construction/redevelopment.

On-site contractors are responsible for designating a Site Health and Safety Officer (SHSO). On-site contractor SHSOs shall act as a liaison with project representative regarding regulatory compliance and worker health and safety (H&S). On-site contractor SHSOs shall be experienced in fulfilling H&S functions relating to their specific scope of work.

EXAMPLE

SECTION 2.0
Health and Safety Organization

2.1 RESPONSIBILITIES

2.1.1 Competent Person

Competent persons designated by the Client and/or on-site contractor will maintain an on-site presence during the future construction/redevelopment or remediation activities.

Although on-site contractors will be responsible for ensuring and monitoring their own employee's health and safety throughout the construction/redevelopment or remediation activities, the Consultant will coordinate and review health and safety procedures to ensure that on-site contractors comply with pertinent OSHA and other pertinent safety regulations and requirements.

The competent person will compile daily field inspection reports and log pertinent on-site activity, as necessary contractors. Copies of such field logs/reports will be compiled and submitted to the Client.

2.1.2 On-Site Contractors

As previously stated, on-site contractors will be responsible for ensuring and monitoring their own employee's health and safety throughout the referenced redevelopment/remediation activities. Each on-site contractor shall designate a qualified Site Health and Safety Officer (SHSO) to monitor its site operations.

2.2 SURVEILLANCE & INTERNAL AUDITING RESPONSIBILITIES

The competent person will monitor job-site safety. Safety violations shall be reported to the contractor's SHSO. All observed safety violations will be immediately corrected by the offending party, explained to the perpetrator, and reviewed at the next safety meeting. Excessive violations of the site safety rules will be grounds for disciplinary action and could lead to expulsion of on-site contractor personnel from the site.

EXAMPLE

SECTION 3.0
Hazard Analyses

3.1 CHEMICAL HAZARDS

3.1.1 Chemical Hazards

After completion of the RI at the site, low-level soil and groundwater contamination was documented to remain (hereafter referred to as "remaining contamination"). Generally, the RI activities determined that subsurface investigations conducted within and immediately north of the on-site drycleaners in the late 1990's and early 2000's identified PCE as well as select degradation compounds of PCE at low-level concentrations in shallow soil and groundwater exceeding NYSDEC Remedial Program Unrestricted Use SCOs and NYSDEC TOGS WQS. Acetone was also detected above the NYSDEC Remedial Program Unrestricted Use SCOs, however, is considered a laboratory contaminant and not a contaminant of concern at the site. The VOCs were not detected at concentrations exceeding NYSDEC Remedial Program Restricted Use Commercial SCOs. As a result of the identification of the VO contamination, a total of eight groundwater monitor wells were installed at the site along with supplemental borings to collect additional soil and groundwater data. The results of the soil and groundwater RI activities as well as initial air sampling conducted by others required a SVI investigation at the site. Results of the SVI investigation required the installation of a SSDS within the drycleaners unit to address VOCs in indoor air as well as performing post-mitigation indoor air sampling. The installation and testing of the SSDS are outlined in Section 5.0.

In addition to the low-level VOC contamination identified in the immediate vicinity of the drycleaners, select SVOCs and metals have been identified in soils located throughout the site exceeding NYSDEC Remedial Program Unrestricted Use SCOs. A single pesticide (p,p'-DDD) was also detected in one soil sample exceeding the NYSDEC Remedial Program Unrestricted Use SCO. The select SVOC, pesticides, and metals were not detected at concentrations exceeding NYSDEC Remedial Program Restricted Use Commercial SCOs with the exception of the SVO benzo[a]pyrene. In addition, the majority of the metals concentrations and p,p'-DDD only exceed the NYSDEC Protection of Ecological Resources SCOs which are not applicable to the completely developed subject property. This soil contamination can be attributed to historic fill material located throughout the site and naturally occurring concentrations.

Select metals have also been identified in groundwater throughout the site exceeding NYSDEC TOGS WQS, however, these concentrations are generally consistent with and appear to be attributed to naturally occurring background conditions. The pesticide dieldrin was detected in one upgradient on-site groundwater monitor well at a concentration exceeding the NYSDEC TOGS WQS and may be the result of a potential off-site source.

Table 1 identifies specific constituents of concern at the site and provides pertinent chemical exposure and treatment information.

Potential hazards associated with the elevated contaminant concentrations will be mitigated through training, administrative controls (e.g., proper labeling and storage), and proper use of prescribed personal protective equipment (PPE).

Additionally, as with any construction site, hazardous materials can be expected to be present in various everyday forms. Some common types MAY include:

- Fuel and lubricants (e.g., diesel fuel, hydraulic oil);
- Cleaning agents (e.g., detergents, respirator sanitizers, hand cleaners); and
- Miscellaneous chemicals (e.g., marking paint, bulk office supplies).

A Material Safety Data Sheet (MSDS) is required for all hazardous materials brought on site pursuant to 29 CFR 1910.1200.

TABLE 1
Chemical Hazard/Exposure Data Summary

Chemical of Concern	OSHA PEL	Contaminated Media	Routes of Exposure	Exposure Symptoms/ Primary Hazards
SVOCs (Constituents Detected Above NYSDEC SCOs)				
SVOCs: Benzo(a)anthracene Benzo(b)fluroanthene Benzo(k)fluroanthene Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Indeno[1,2,3-cd]pyrene	0.2 mg/m^3	Fill/Soil	Inhalation Ingestion Contact	Coal Tar Pitch Volatiles - CANCER SUSPECT AGENTS Irritation, pulmonary edema, sensitizer, dermatitis, dizziness, nausea, convulsions, kidney and liver damage.
VOCs (Soil Constituents Detected Above NYSDEC SCOs and GW Constituents Detected Above NYSDEC TOGS WQS)				
PCE (tetrachloroethene)	5 ppm 35 mg/m^3	GW/Soil	Inhalation Contact	LOW CARCINOGEN HAZARD. Acute (short-term) exposure by inhalation in humans has resulted in effects on the liver, and respiratory, central nervous, and gastrointestinal systems. Chronic exposure by inhalation results in effects on the liver (jaundice and an enlarged liver) and CNS (headaches, tremors, dizziness, numbness, and drowsiness).
Acetone	1,000 ppm	Soil	Inhalation Contact	Colorless liquid with a fragrant mint-like odor. Exposure may result in irritation to the eyes, nose, throat. Overexposure may cause headache and dizziness. Contact with skin may cause dermatitis. Target organs are listed as the respiratory system (lungs) and skin.

EXAMPLE

TABLE 1
Chemical Hazard/Exposure Data Summary

Chemical of Concern	OSHA PEL	Contaminated Media	Routes of Exposure	Exposure Symptoms/ Primary Hazards
Methyl Tertiary Butyl Ether (MTBE)	TLV: 40 ppm	GW	Inhalation Contact	Flammable liquid used as an additive in unleaded gasoline. Drinking or breathing MTBE may cause nausea, nose and throat irritation, and nervous system effects.
Vinyl Chloride	TLV: 1 ppm STEL: 5 ppm	Unfiltered GW	Inhalation Contact	CARCINOGEN HAZARD. Vinyl chloride is a colorless gas with a mild, sweet odor. Acute (short-term) exposure to high levels of vinyl chloride in air has resulted in central nervous system (CNS), such as dizziness, headaches, and giddiness in human. Chronic (long-term) exposure to vinyl chloride through inhalation and oral exposure in humans has resulted in liver damage.
Methylene Chloride	25 ppm	Soil	Inhalation Contact Ingestion	Inhalation is the most important route of exposure and methylene chloride vapor is absorbed readily from the lungs. Olfactory fatigue may also occur at high concentrations. Methylene chloride is heavier than air and may cause asphyxiation in closed, poorly ventilated, or low-lying areas. Children exposed to the same levels of methylene chloride as adults may receive larger doses because they have greater lung surface area: body weight ratios and increased minute volumes: weight ratios. In addition, they may be exposed to higher levels than adults in the same location because of their short stature and the higher levels of methylene chloride vapor found nearer to the ground. Exposure to high levels of methylene chloride vapor can cause skin and eye irritation. Prolonged dermal contact with liquid methylene chloride may produce chemical burns. Methylene chloride is absorbed slowly through intact skin but probably not in quantities that cause acute systemic toxicity. Acute toxic effect including death, can result in ingestion.
Metals (Soil Constituents Detected Above NYSDEC Program SCOs and Groundwater Constituents Detected above NYSDEC TOGS WQS)				
Chromium	0.5 mg/m^3	Soil	Inhalation Contact	CARCINOGEN - HANDLE WITH EXTREME CAUTION Chromium metal ore has been reported to cause lung allergy. Chromium fumes can cause "metal fume fever," a flu like illness lasting about 24 hours with chills, aches, cough, and fever. Chromium particles can irritate the eyes.
Lead	0.05 mg/m^3	GW	Inhalation Contact	TERATOGEN - HANDLE WITH EXTREME CAUTION. Repeated exposure causes lead build-up in the body. Low levels may cause tiredness, mood changes, headaches, stomach problems, and trouble sleeping. Higher levels may cause aching, weakness, and concentration or memory problems. Lead also can cause serious permanent kidney or brain damage at high levels. Lead exposure increases the risk of high blood pressure.

EXAMPLE

TABLE 1
Chemical Hazard/Exposure Data Summary

Chemical of Concern	OSHA PEL	Contaminated Media	Routes of Exposure	Exposure Symptoms/ Primary Hazards
Mercury	0.01mg/m^3 (TWA) 0.04 mg/m^3 (Ceiling)	Soil	Inhalation Contact	High exposure can cause chest pain, shortness of breath, and a build-up of fluid in the lungs (pulmonary edema). This can cause death. Repeated exposures can cause Mercury poisoning with kidney disease, tremors, gum problems, trouble remembering and concentrating, and changes in mood. Long-term exposure can cause clouding of the eyes. Mercury is a corrosive chemical.
Zinc	15 mg/m^3 - TD 5 mg/m^3 - RF	Soil	Inhalation Ingestion Contact	Zinc is a soft white metal with a bluish tinge. Exposure to solid Zinc is not known to cause acute or chronic health effects, but heated Zinc may give off Zinc Oxide Fume which can cause health effects. Metal fragments can scratch the eyes. When Zinc is refined, Cadmium is released. Cadmium is a cancer causing agent.
Calcium	15 mg/m^3 - TD 5 mg/m^3 - RF	Soil	Inhalation Contact	Exposure can make you feel dizzy, flushed, and lightheaded. Drinking alcohol (beer, wine, liquor, etc.) shortly before or after exposure can make these effects worse, and can cause nausea, vomiting, shock, and possibly death. Contact can severely irritate the skin and eyes. Prolonged contact can cause skin ulcers. Skin allergy can occur. Can irritate the nose and throat.
Iron	10 mg/m^3	GW/Soil	Inhalation Contact	Iron is a gray crystalline powder or chips. Prolonged contact may cause skin irritation. Dust may irritate skin or eyes. Chronic effects include irritation of skin, eyes, nose, throat, and lungs. Iron can be an explosion hazard, especially when heated.
Magnesium	15 mg/m^3	GW	Inhalation Contact	Fire may produce irritating or poisonous gases. Contact may cause burns to skin and eyes. Repeated exposure causes metal build-up in the body. Low levels may cause tiredness, mood changes, headaches, stomach problems, and trouble sleeping. Higher levels may cause aching, weakness, and concentration or memory problems. Metals also can cause serious permanent kidney or brain damage at high levels. Metal exposure increases the risk of high blood pressure.
Manganese	5 mg/m^3 (Ceiling)	GW	Inhalation Contact	Repeated exposure can cause permanent brain damage. Early symptoms include poor appetite, weakness, and sleepiness. Later effects include changes in speech, balance, and personality. The later symptoms are identical to Parkinson's Disease. Heated Manganese can release fumes causing a flu like illness with chills, fever, and aching. Chest congestion resembling pneumonia can also occur. Exposure may also cause a lung allergy. It may damage the kidneys and liver.

TABLE 1
Chemical Hazard/Exposure Data Summary

Chemical of Concern	OSHA PEL	Contaminated Media	Routes of Exposure	Exposure Symptoms/ Primary Hazards
Sodium	0.05 mg/m^3	GW	Inhalation Contact	Exposure can cause sudden death. First symptoms may be irritation of the eyes, nose, and throat, headache, and pounding of the heart. These can progress to death rapidly. Contact can irritate the skin. Repeated lower exposures can cause mild, chronic poisoning with symptoms of nosebleeds, headache, fast heart beat, and nausea. Sodium Cyanide may cause the thyroid gland to enlarge. Exposure can damage the nervous system and may change the blood cell count.
Aluminum	15 mg/m^3	Soil	Inhalation Contact	Acute exposure to aluminum dust has resulted in eye irritation. The signs and symptoms of chronic exposure to aluminum metal dust include shortness of breath, weakness, and cough.
Pesticides (Soil Constituents Detected Above NYSDEC SCOs and GW Constituents Detected Above NYSDEC TOGS WQS)				
p,p'-DDD	NE	Soil	Inhalation Contact	Effects of exposure, acute-moderately toxic. May be fatal or harmful if inhaled, swallowed, or absorbed through skin. Skin: may cause irritation and allergic reactions. Inhalation: irritation, asthma, and lung congestion. Chronic dermatitis and kidney and liver damage. Target organs: lungs, kidney, liver, and skin. Signs and symptoms of over exposure: irritation, difficulty in breathing, coughing, wheezing, running nose, watery eyes, and dry and itchy skin.
Dieldrin	NE	GW	Inhalation Contact	Acute Inhalation: Convulsant/highly toxic. May cause CNS stimulation with symptoms of headache, dizziness, visual disturb, malaise, sweating, mild chronic jerking, nausea, and vomit. Sometimes delayed and sudden dermal absorption may result in CNS stimulation.

NOTES:

OSHA PEL	Occupational Safety & Health Administration's Final Rule Limits Permissible Exposure Limit for an 8-hour, time-weighted average (TWA) from CFR 1910.1000, Tables Z-1A, Z-2, and Z-3.
TD	Total Dust
RF	Respirable Fraction
mg/m^3	Milligrams of substance per cubic meter of air. When entry is in mg/m^3 only, the value is exact; when listed with a ppm entry, it is approximate.
NE	Not Established

3.2 PHYSICAL HAZARDS

The following is a list of potential physical hazards associated with the work. The on-site contractor shall conduct its own hazard assessment prior to initiating site work. The on-site contractor is responsible for informing its employees of potential hazards and for providing training to mitigate identified hazards.

3.2.1 Excavations

At least three (3) days prior to commencing subsurface activities, the on-site contractor shall contact the appropriate utility locating service to request utility mark-out. Identified utilities shall be protected by the excavation contractor.

The on-site contractor shall provide adequate sloping or sheeting/shoring of the sides of the excavations as per OSHA requirements and regularly inspect the excavations for changing conditions. Material from the excavations shall be stockpiled in a manner to prevent cave-ins and pit instability.

Any excavation exceeding a depth of four will be supervised by a competent person who will determine when subsidence control measures are required, what those controls will be, and how they will be implemented. The competent person will inspect excavations and controls to ensure reinforced structures are barricaded or marked (barricade tape and/or traffic cones or equivalent) during active excavation activities. In the event excavations must remain open prior to backfill, those excavations will be fenced or barricaded. Compliance with OSHA 29 CFR 1926 Subpart P and Section 10.2.4 of this HASP will be maintained. Excavations shall be backfilled as soon as practical and possible.

3.2.2 Operation of Heavy Equipment

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent person and certified to be in safe operating condition. The on-site contractor shall designate a competent person to be responsible for the inspection of all machinery and equipment daily and during use to make sure it is in safe operating condition. Tests shall be made at the beginning of each shift during which the equipment is to be used to determine that the brakes and operating systems are in proper working condition. All inspections shall be documented. Any machinery or equipment found to be unsafe shall be deadlined and its use prohibited until unsafe conditions have been corrected. Equipment deficiencies observed at anytime which affect safe operation shall be corrected before continuing operation.

Only designated personnel holding required licenses shall operate machinery and mechanize equipment.

The on-site contractor shall adhere to the Mechanical Equipment Inspection and Operation SOP provided in Section 10.3.4 of this HASP.

3.2.3 Noise

Exposure to high noise levels is a potential hazard associated with the operation of heavy equipment, power tools, and similar activities that may be executed by the on-site contractor. Exposure to intermittent high noise levels exceeding accepted standards may result in hearing loose. Noise monitoring shall be conducted by the on-site contractor's SHSO as required.

Whenever noise levels are measured or anticipated to exceed a time-weighted average (TWA) Action level of 85 decibels as measured on the A scale (dBA), worker protection against the effects of noise exposure shall be provided in accordance with 29 CFR 1910.95 or 29 CFR 1926.52 as appropriate. Administrative or engineering controls shall be provided where feasible. If such controls fail to reduce the exposure to below 85 dBA TWA, appropriate hearing protection shall be provided and the work area or equipment shall be posted with warning signs to alert workers to the requirement for hearing protection use.

For high noise activities (greater than a TWA of 85 dBA), a written hearing conservation program meeting the requirements of 29 CFR 1910.95 is required and shall be implemented for affected personnel.

3.2.4 Heat and Cold Stress

The following program shall be implemented when the ambient air temperatures exceed 70°F (heat stress monitoring) or drop below 40°F (cold stress monitoring).

3.2.4.1 Heat Stress

Site personnel who wear protective clothing allow body heat to be accumulated with an elevation of the body temperature. Heat cramps, heat exhaustion, and heat stroke can be experienced, which, if not remedied, can threaten life or health. Therefore, an American Red Cross Standard First Aid book or equivalent will be maintained on site so that the HSO and site personnel will be able to recognize symptoms of heat emergencies and be capable of controlling the problem.

When protective clothing is worn, especially Levels A, B, and C, the suggested guidelines for ambient temperature and maximum wearing time per excursion are:

Ambient Temperature (°F)	**Maximum Wearing Time Per Excursion (Minutes)**
Above 90	15
85 to 90	30
80 to 85	60
70 to 80	90
60 to 70	120
50 to 60	180

One method of measuring the effectiveness of employees' rest-recovery regime is by monitoring the heart rate as follows:

- During a 3-minute period, count the pulse rate for the last 30 seconds of the first minute, the last 30 seconds of the second minute, and the last 30 seconds of the third minute.
- Double the count.

If the recovery pulse rate during the last 30 seconds of the first minute is at 110 beats/minute or less and the deceleration between the first, second, and third minutes is at least 10 beats/minute, the work-recovery regime is acceptable. If the employee's rate is above that specified, a longer rest period is required, accompanied by an increased intake of fluids.

In the case of heat cramps or heat exhaustion, "Gatorade" or its equivalent is suggested as part of the treatment regime. The reason for this type of liquid refreshment is that such beverages will return much-needed electrolytes to the system. Without these electrolytes, body systems cannot function properly, thereby increasing the represented health hazard.

This liquid refreshment will be stored in a cooler at the edge of the decontamination zone in plastic squeeze bottles. The plastic bottles will be marked with individual's names. Disposable cups with lids and straws may be used in place of the squeeze bottles. Prior to drinking within the decontamination zone, the project personnel shall follow the following decontamination procedures:

A. Personnel shall wash and rinse their outer gloves and remove them.

B. Personnel shall remove their hard hats and respirators and place on table.

C. Personnel shall remove their inner gloves and place them on table.

D. Personnel shall wash and rinse their face and hands.

E. Personnel shall carefully remove their personal bottle or cup from the cooler to ensure that their outer clothes do not touch any bottles, cups, etc.

F. The used bottle or cups will not be returned to the cooler, but will be placed in a receptacle or container to be cleaned or disposed of.

G. Personnel shall replace their respirators, hard hats, gloves and tape gloves prior to re-entering the hazardous zone.

When personnel are working in situations where the ambient temperatures and humidity are high-and especially in situations where protection Levels A, B, and C are required the on-site contractor's SHSO must:

- Assure that all employees drink plenty of fluids ("Gatorade" or its equivalent);
- Assure that frequent breaks are scheduled so overheating does not occur; and
- Revise work schedules, when necessary, to take advantage of the cooler parts of the day (i.e., 5:00 a.m. to 1:00 p.m., and 6:00 p.m. to nightfall).

3.2.4.2 Cold Stress

Whole-body protection shall be provided to all site personnel that have prolonged exposure to cold air. The right kind of protective clothing shall be provided to site personnel to prevent cold stress. The following dry clothing shall be worn as deemed necessary by the on-site contractor's SHSO.

- Appropriate underclothing (wool or other);
- Outer coats that repel wind and moisture;
- Face, head, and ear coverings;
- Extra pair of socks;
- Insulated safety boots; and
- Glove liners (wool) or wind- and water-repellant gloves.

The on-site contractor's SHSO will use the equivalent chill temperature when determining the combined cooling effect of wind and low temperatures on exposed skin or when determining clothing insulation requirements.

Site personnel working continuously in the cold are required to warm themselves on a regular basis in the on-site hygiene facility. Warm, sweet drinks will also be provided to site personnel to prevent dehydration. The on-site contractor's SHSO shall follow the work practices and recommendations for cold stress threshold limit values as stated by the current edition of the Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices by the American Conference of Governmental Industrial Hygienists or equivalent cold stress prevention methods.

3.2.5 Manual Lifting

There may be opportunities for personnel working at the Project Site to handle, lift, and move objects and structures of varying weights and sizes. Proper lifting techniques shall also be used when manual lifting is required. Personnel shall always seek assistance and/or use material handling equipment/devices when a load is determined to be too heavy or large to be safely lifted alone. Proper lifting techniques will be addressed in the on-site contractor's HASP based on the following guidelines:

- Avoid extending tasks requiring continuous lifting beyond an 8-hour duration.
- Avoid repeated one hand lifting.
- Restrict lifting in constrained (kneeling or crouched) positions to minimum weight and repetition.
- Use gloves as required by materials being handled.
- Maintain clear work areas where lifting tasks are performed.
- Keep loads centered and close to the body.
- Avoid twisting motion during load transfer.

- Arrange lifting tasks so that loads are between knuckle height (when arms are handing at sides) and shoulder level.
- Take breaks a minimum of every two hours.

3.2.6 Slips, Trips, Falls

The on-site contractor shall clearly delineate open pits, wells, and other fall hazards with caution tape and securely cover as appropriate. To minimize hazards associated with slips, trips, and falls, site workers shall:

- Exercise extreme caution in all work areas.
- Be sure of footing during equipment access/egress and when moving through the work area.
- Avoid stepping or standing on uneven or unsteady surfaces.

3.2.7 Operation of Hand/Power Tools

Verify that guards and safety devices are in place before, during, and after operation. Tag and remove defective hand or power tools from service. Maintain and inspect according to the manufacturer's recommendations. Utilize proper eye and face protection. Hand-arm segmental vibration should be minimized while jack hammering the concrete. Workers should be instructed regarding the physiological hazard of "white-finger" syndrome and the precautions that will be taken to limit exposure to vibration.

3.2.8 Electrical

Guard and maintain electrical lines/cords. Tag/remove damaged equipment or flexible electrical extension cords from service.

Any temporary electrical power used for this project will conform to NFPA 70 and ANSI C2. Where possible, motorized vehicles will be grounded. Bonding and grounding will be performed during all refueling operations of equipment and vehicles. Air monitoring and sampling equipment will be rated intrinsically safe for Class I, Division 1, Grounds A, B, C, and D areas. Ground Fault Circuit Interrupters (GFCI) will be installed to protect workers using portable electrical equipment. Clearances to any adjacent overhead transmission and distribution electrical lines will be sufficient height for the movement of vehicles and operation of construction equipment. The requirements stated in 29 CFR 1926 and NFPA 70 shall be followed.

3.3 BIOLOGICAL HAZARDS

3.3.1 Bites and Stings

The potential exists for encountering biting animals (rats) and insects (bees, spiders, flies). All animal and insect bites will be reported to first aid for treatment and evaluation. Individuals with allergies to wasps or bees shall notify his/her immediate supervisor of his/her condition prior to working at the site and should have a medical ID bracelet and epinephrine pen in his/her possession.

3.3.2 Bloodborne Pathogens

The following program has been developed in compliance with OSHA regulation 29 CFR 1910.1030 to protect first aid responders who may come into contact with blood containing potentially infectious materials (i.e., bloodborne pathogens). Potentially, all employees trained in first-aid may have exposure to infectious materials. All workers providing first-aid and cardio-pulmonary resuscitation will use universal precautions to prevent contact with contaminated blood or blood products.

In general, employees shall:

- Avoid contact with blood,
- Clean-up blood with disinfectant,
- Wear PPE while cleaning up blood, and
- Contact the SHSO regarding medical evaluation if exposed (i.e., blood contacts eyes, mouth, or nose).

In addition, the following general guidelines will apply:

- All employees will wash their hands immediately after potential exposure to infectious materials.
- No eating, smoking, or applying cosmetics or lip balm will be permitted in designated work, decontamination and first aid areas.
- PPE (i.e, gloves, CPR shields, and respirators) will be available with all first aid kits.
- PPE will be used by employees who are trained in first aid to prevent exposure to blood or other potentially infectious materials.
- If a garment (including gloves) is penetrated by blood or other potentially infectious materials, the garment or garments will be removed immediately or as soon as feasible.
- All equipment and environmental and working surfaces will be cleaned and decontaminated with an appropriate disinfectant immediately or as soon as feasible when surfaces are overtly contaminated or after any spill of blood or other potentially infectious materials.

- After an exposure incident, a confidential medical evaluation and follow-up will be immediately available to the exposed individual. Arrangements for the medical evaluation should be coordinated with the SHSO.

First Aid Kits will be equipped with antiseptic hand cleanser or antiseptic towelettes. Employees will receive training on blood borne pathogens as part of the pre-entry safety briefing and thereafter when new tasks or procedures will affect the employee's occupational exposure.

3.4 AIR QUALITY HAZARDS

The potential exists for dust hazards during excavation and earthwork activities. Dust shall be kept to a minimum. Clean (i.e., free from salt, oil, and other deleterious materials) water will be applied to control dust as necessary. A tank spray bar and pump with discharge pressure gauge or similar equipment will be used to apply the water. The spray bar will be positioned at a height above grade with the nozzle spacing and spray pattern arranged in a manner which will provide complete coverage of ground with water. The application rate will be controlled so as to prevent surface run-off. A CAMP is included as Section 11.0 of this document and provides additional details regarding air quality hazards and monitoring.

3.5 RADIOLOGICAL HAZARDS

No radiological hazard is expected during future projects.

SECTION 4.0
Site Personnel Training Requirements

4.1 GENERAL TRAINING

On-site contractors shall provide their site workers with the H&S training required to comply with this HASP/CAMP, achieve compliance with regulatory standards, and other training and qualifications necessary for the workers to complete the assigned job duties safely and in an environmentally sound manner.

Documentation of all required training (e.g., training certificates, attendance rosters) shall be maintained by on-site contractors and made available for inspection. Training documentation shall be maintained in an organized manner that is readily retrievable and shows that individual workers have the required training.

All consultant and on-site contractor personnel shall have the right and responsibility to stop work anytime when unsafe conditions (i.e., those that have not been previously addressed) arise, or the scope of work changes from that which was originally briefed or understood.

4.2 SITE-SPECIFIC TRAINING/SAFETY MEETINGS

4.2.1 Site Orientation

Prior to the commencement of field activities, all personnel assigned to the project shall have completed site-specific training that includes hazardous activities, procedures, monitoring and equipment used in the site operations. Site-specific training also will include site layout, potential hazardous, risks associated with identified hazardous substances at the site, hazard communication as necessary, PPE, incident reporting, emergency response actions, and available emergency services. This training shall allow site workers to clarify anything they do not understand and to reinforce their responsibilities regarding H&S requirements and work operations for their particular activity.

4.2.2 Daily "Toolbox" Safety Meetings

On-site contractors shall conduct daily "toolbox" health and safety meetings prior to the start of each day's work. The meetings shall include a discussion of the planned work activities and periodic special H&S topics of interest to site personnel. In addition, the following items shall be discussed as appropriate:

- Necessary training requirements and site work rules;
- Changes in work practices or environmental conditions;
- Precautions and safe work practices related to the day's site activities;
- New or modified procedures or requirements;

- Incident alerts;
- Disclosure of potential hazards or hazardous operations;
- Procedures into restricted areas;
- Vehicle rules and requirements;
- Equipment to be used;
- Restrictions on handling of materials; and
- PPE requirements.

Documentation of daily H&S meetings shall be maintained by the on-site contractor's SHSO and made available for inspection upon request.

4.3 OSHA TRAINING

Any personnel that are assigned to work in contaminated areas will be in trained per the requirements of 29 CFR 1910 and 1926 as listed below. Site personnel shall have met the following requirements prior to the start of operations at the site:

- A 40-hour minimum hazardous materials safety and health course, as stipulated in 29 CFR 1926.65 e(3).

- An eight (8)-hour minimum refresher course per year after the 40-hour minimum training has occurred (29 CFR 1926.65.e[8]).

On-site managers and supervisors will be in compliance with the additional supervisory training requirements of 29 CFR 1926.65.e(4).

OSHA training certificates shall be maintained by the on-site contractor's SHSO and shall be made available for inspection upon request.

4.4 SUBSTANCE ABUSE

The Project site will be "Drug Free Site". On-site contractors shall maintain and implement a Drug Free Workplace Program for all work activities performed on the project. Use, or working under the influence of alcohol or controlled substances (other than prescribed or over-the-counter medication) is strictly prohibited at all times during the work shift. Use of alcohol or controlled substances at any time during the work shift, shall result in immediate removal from the site and permanent loss of access. Site workers are subject to substance use testing at any time "for cause" or following a safety or property damage incident. Each on-site contractor is responsible for conducting testing as specified by its own company policy.

4.5 OTHER REQUIRED TRAINING AND QUALIFICATIONS

Other training and qualification may be required depending on the task work scope and assigned duties on an individual site worker. This may include training for waste handling, respiratory protection, hazard communication, noise exposure or hearing conservation, and various qualified/competent person requirements (e.g., operation of heavy equipment, confined space entry, excavation). Specific additional training/qualified person requirements will be identified by the on-site contractor. On-site contractors are responsible for ensuring that identified training and/or qualified/competent person requirements are met for site workers. On-site contractors must identify who its competent person is for the activity as required. Documentation is required for establishing the basis of competency.

EXAMPLE

SECTION 5.0
Personal Protective Equipment

5.1 GENERAL

Personal Protective Equipment (PPE) shall be selected, used, maintained, and stored in accordance with 29 CFR 1910 Subpart I, 29 CFR 1926 Subpart E, and the manufacturer's recommendations. Engineering, administrative, and/or work practice controls shall be implemented where feasible, rather than relying exclusively on PPE.

5.1.1 Description of Levels of Protection

PPE will be used when project and support activities involve known or suspected atmospheric contamination, when vapors, gases, or particulate may be generated by site activities, or when direct contact with skin-affecting substances may occur. Full face-piece respirators protect lungs, gastrointestinal tract, and eyes against airborne toxicants. Chemical resistant clothing protects skin from contact with skin destructive and absorbable chemicals.

The specific levels of protection and necessary components for each have been divided into four categories according to the degrees of protection afforded:

Level A: Should be worn when the highest level of respiratory, skin, and eye protection is needed.

The Level A PPE ensemble includes a self-contained breathing apparatus inside a fully-encapsulting, air-tight, vapor-tight, chemical protective suit. Only specially trained and qualified individuals may don Level A, usually only under emergency conditions. The use of Level A is not anticipated on this project.

Level B: Should be worn when the highest level of respiratory protection, but a lesser level of skin protection is needed.

The Level B PPE ensemble includes an airline respirator, chemical suit, overboots, neoprene gloves with liners, a hard hat, and work boots. Hearing protection shall be utilized as directed by the SHSO. The use of Level B is not anticipated on this project.

Level C: Should be worn when the criteria for using air-purifying respirators are met, and a lesser level of skin protection is needed.

The Level C PPE ensemble includes work clothing as dictated by weather, coated PVC Tyvek coveralls, inner latex gloves and outer work gloves, a full- or half-face air-purifying respirator an organic vapor acid gas cartridge/filter, a hard hat, booties, work boots, and

safety glasses. Hearing protection (ear plugs) shall be worn as directed by the SHSO. Level C will be available on-site in the event an upgraded in protection is required.

Level D: Level D provides minimal protection against chemical hazards. It is normally worn only as a work uniform and not in any area of significant respiratory or skin contact hazards. **Level D Modified** should be worn when respiratory protection is not warranted but dermal protection is necessary.

The Level D PPE ensemble will include work clothing as dictated by weather, a hard hat, work gloves (as directed by the SHSO based on work task), work boots, and safety glasses. Hearing protection (ear plugs) will be worn as directed by the SHSO. Level D Modified includes the afore-mentioned and latex gloves.

Modifications of these levels are permitted by the SHSO and routinely employed during site work activities to maximize efficiency. Likewise, the type of chemical protective ensemble will depend upon contaminants, concentration, and extent of contact.

5.1.2 Initial Levels of Protection

Personnel will be required to utilize the following minimum PPE:

Work Task	Initial Level of Protection
Work Zone Operations	Level D
Support Zone Activities	Level D

5.2 SELECTION AND USE OF PPE

Selection and use of PPE is based on the performance characteristics of the PPE and task or site-specific hazards. The minimum PPE identified in Section 5.1 may be changed based on field reconnaissance, results of site monitoring or additional hazard analysis.

5.3 MAINTENANCE AND STORAGE

Assigned PPE shall be maintained and stored in a clean and sanitary manner. The on-site contractor shall ensure that adequate facilities and supplies for cleaning, maintenance, and storage of PPE (including respiratory protection) are made available if necessary.

5.4 TRAINING

Appropriate training shall be provided to PPE users. Training shall be documented as required by 29 CFR 1910.132 and Section 4.0 of this HASP.

5.5 RESPIRATORY PROTECTION

Use of respiratory protection is not anticipated for this project. Should respiratory protection be required, on-site contractors shall have a respiratory protection program which meets the requirements of 29 CFR 1910.134 and the following subsections.

5.5.1 General

Site workers must only use respirators that are approved by the Mine Safety and Health Administration (MSHA) and the National Institute for Occupational Safety and Health (NIOSH) and adhere to the regulatory requirements set forth by the Occupational Safety and Health Administration (OSHA) in 29 CFR1910.134 and 29 CFR1926.103. Respirators must be cleaned/disinfected, maintained, inspected, and stored pursuant to 29 CFR1910.134.

5.5.2 Medical Clearance/Fit Testing

All employees assigned to tasks where they must wear a respirator must have prior medical clearance. Medical evaluations and fit testing will be provided by the on-site contractor. Fit test records and employee medical documentation will be maintained on-site by the on-site contractor's SHSO. This information will be available for inspection upon request. Medical limitations and restrictions will be strictly enforced and no employee will be permitted to use a respirator if he or she has any face abnormality or facial hair that may affect the fit or seal of the face piece.

5.5.3 Training

All respirator users shall be adequately trained in proper use of assigned respirators and the applicable respiratory protection program procedures. Personnel responsible for respirator cleaning, storage, maintenance, and issuance shall be provided additional training as necessary to ensure that respirator program requirements are met. All respiratory protection training shall meet the requirements of 29 CFR 1910.134.

5.5.4 Inspection

All respirators to be used on a job will be inspected by the employees prior to using them. Respirators will be inspected be inspected for damage before and after each use. Each employee, after training, will be responsible for inspection. The following will be inspected:

1. Tightness of connections
2. Face piece
3. Headbands
4. Inhalation valve
5. Cartridge or filter fittings
6. Pliability of rubber or elastic parts
7. Signs of deterioration

Any malformation, distortion, missing parts, cracks, etc. in the respirator will cause the respirator to be deemed useless until a qualified technician properly repairs the respirator. If necessary, a new respirator will be issued.

5.5.5 Cleaning/Disinfection

Reusable respirators will be cleaned after each use either by the employees or a person assigned to the decontamination of personal protection equipment. The steps required to clean a respirator after use include:

- Remove the cartridges and headbands
- Disassemble all respirator parts
- Wash all respiratory parts (except cartridges and headbands) in a cleaner-disinfectant solution or use soap and hot (100 ºF) water
- Rinse completely in clean, warm water to remove all traces of detergent and disinfectant
- Air-dry in a clean and sanitary area
- Re-assemble the respirator
- Store cleaned respirator in a sealed bag to protect it against dust, sunlight, extreme temperature, moisture or abrasives

5.5.6 Maintenance

Qualified personnel will conduct respirator maintenance in accordance with the manufacturer's recommendations.

5.5.7 Storage

Respirators will be stored in a sealed bag to protect against dust, sunlight, extreme temperature, moisture, or abrasives. Inhalation holes will be covered with duct tape (or equivalent) immediately after leaving a contaminated area. The tape will be left on until the respirator is donned for the next entry into a contaminated area. This tape will prevent any contaminants from being dislodged from the cartridge.

Respirators should be packed or stored so that the face piece and exhalation valve will rest in a normal position and function will not be impaired by the elastic setting in an abnormal position. The respirator shall not be hung to store or air-dry by the straps.

5.5.8 Standard Procedures for Use of Respirators

Personnel will adhere to the following Standard Operating Procedures (SOPs) for respirator use.

1. Carefully inspect the respirator using the procedures set forth in Section 5.5.4 prior to entering potentially contaminated work areas.

2. Remove duct tape from cartridge prior to entering potentially contaminated work areas (if applicable).

3. Conduct positive and negative pressure leak tests each time a respirator is donned.

   Positive Pressure Leak Test: Close off the exhalation valve with hand. Breathe into the mask. The face-to-face piece seal is satisfactory if some pressure can be built up inside the mask and sustained.

   Negative Pressure Leak Test: Close off the inlet openings of the cartridge with the palm of the hand. Inhale gently so that a vacuum occurs inside the mask. Hold breath for 10 seconds. If the vacuum is sustained and no inward leakage is detected, the respirator fits properly.

4. Do not remove respirator in contaminated work areas. In the event of a medical emergency or if breathing becomes difficult, remove respirator and immediately leave or remove injured person(s) from the contaminated work area.

5. Wear respirator with straps inside disposable garments in order to maintain respiratory protection during personnel decontamination/contaminated garment removal.

5.5.9 Respirator Types

The type of respiratory protection required for this Project is identified in Section 5.1.

EXAMPLE

EXAMPLE

SECTION 6.0
Medical Surveillance

Medical monitoring is required by OSHA as a means of monitoring worker exposure to certain toxic substances under 29 CFR 1910.120(f), OSHA's Hazardous Waste Operations and Emergency Response Standard.

If required, on-site contractors shall maintain on-site documentation certifying that workers who will be required to work in areas where exposure to chemical hazards is possible have had a Medical Surveillance Exam meeting the requirements 29 CFR 1910.120 and ANSI 88.2 (1980) not more than one year prior to reporting to the job site. This documentation shall be made available for inspection upon request.

SECTION 7.0
Site Control Measures

7.1 BUDDY SYSTEM

Each field team member will be assigned a buddy. Field personnel will watch for hazards or problems his/her buddy might encounter. Buddies will pre-arrange hand signals or other means of emergency signals for communication when respiratory protection or distance makes communication difficult. Communication between buddies must be maintained at all times. Visual contact must be maintained between buddies. Further, buddies must remain in close proximity to each other in order to assist in case of emergencies.

7.2 SITE COMMUNICATIONS PLAN

For emergency situations when two-way radio communication is not available or practical, oral, hand, and semaphore safety signals have been established to protect project personnel. These signals will be made available to personnel for all phases of operation before going on-site. This will ensure quick communication during adverse or emergency situations.

Examples of established signals and their meanings are provided below.

Signal	Indicates
Hand gripping throat	Out of air, can't breath
Wave hands over head from side-to-side	Attention: stand-by for next signal
Swing hand from direction of person receiving signal to directly overhead and through in a circle	Come here
Pointed finger on extended arm	Look in that direction
Grip partner's/buddy's wrist or both hands around wrist	Leave the area immediately
Hands on top of head	Need assistance
Thumbs up	OK, I'm alright, I understand
Thumbs down	No, negative

Examples of audio signals include:

One long blast of air or vehicle horn	Caution or look here
Two long blasts of air or vehicle horn	Leave when possible
Three long blasts of air or vehicle horn	Leave area immediately - Emergency Situation

Repeated short blasts of air or vehicle horn	Send Backup Support

7.3 SITE SECURITY

On-site contractors will safely guard all work, materials, equipment, and property from loss, theft, damage, and vandalism. On-site contractors will safely guard the client's property and other private property from injury or loss in connection with the performance of this Project.

7.4 DEFINITION OF WORK ZONES

The Site will be divided into three major zones as follows.

1. The **Contaminated Work Zone or Exclusion Zone** will encompass areas in which exposure to chemical contamination is possible, as well as any areas being utilized for the temporary storage of potentially contaminated material.

2. The **Contamination Reduction Zone** (CRZ) will be the transitional area between the identified "contaminated" and "clean" areas and shall provide for the transfer of equipment and materials from the Support Zone to the Exclusion Zone; the decontamination of personnel and equipment prior to entering the "clean" area; and the physical segregation of the "clean" and "contaminated" areas.

3. The **Support Zone** will include a designated area adjacent to the Exclusion Zone.

On-site contractor SHSOs will insure that the Work Zones are properly established and maintained. All Work Zones will be clearly laid out and delineated to prevent unauthorized access. **Unauthorized persons will not be permitted entry into established work areas.**

7.5 NEAREST MEDICAL ASSISTANCE

The location of the nearest medical facility is provided in Attachment B page B-9. The name and phone number of this facility and a map showing the fastest route to the facility (see page B-8) must be posted on site.

7.6 VISITOR CONTROL

All visitors must be escorted full-time by a consultant or on-site contractor employee trained in H&S requirements. At a minimum, visitors shall wear a hard hat and eye protection. Visitors shall receive a H&S orientation briefing from Whitestone's project representative (consultant visitors) or the on-site contractor's SHSO (on-site contractor visitors).

EXAMPLE

SECTION 8.0
Decontamination Procedures

Personnel and equipment decontamination procedures to be employed when exiting contaminated work areas at this project site are detailed in the following subsections.

8.1 PERSONNEL DECONTAMINATION

All personnel will be made aware of any personal habit that may allow contaminants into or onto the body. All personnel will check that regularly worn PPE (e.g., hard hats and liners, eye protection, etc.) is clean and in good condition. Any products for personal consumption or application are prohibited in any work area. Break area(s) will be limited to specific areas where eating, drinking, smoking, etc. and the storage of these materials will be allowed.

No PPE will be removed from a designated contaminated work area without proper decontamination or disposal. All personnel leaving the contaminated work area will pass through a contamination reduction zone where they will remove their PPE and thoroughly wash/rinse exposed skin with water and biodegradable soap before leaving the project site.

On-site contractors shall establish a temporary personnel decontamination station when deemed necessary by the Whitestone project representative. The personnel decontamination station shall be equipped with clean water and non-phosphate detergent/soap. Personnel exiting contaminated work areas shall be required to dress down in the temporary decontamination area in accordance with the following seven-step procedure.

Step 1: Place equipment and/or samples in area(s) designated in the Equipment Drop-Off Station.

Step 2: Scrape gross contamination from boots and outer gloves, wash using soap in water solution, and rinse with water into a designated container in the CRZ

Step 3: Remove tape from around boots and outer gloves (if worn) and deposit in collection drum. Remove overboots and outer gloves and place in collection drum.

Step 4: Remove respiratory cartridges (if used) and place in collection drum.

Step 5: Remove disposable coveralls and place in collection drum. Remove boots and store in appropriate location. Remove disposable inner gloves (if worn) and place in collection drum. Remove hard hat and safety glasses: decontaminate as necessary (wash with sanitizing solution [MSA sanitizing solution or equivalent], rinse with potable water, and allow to dry at the end of each day).

Step 6: Remove respirator (if used) and deposit in plastic liner. Avoid touching face with fingers. Respirators shall be washed in a sanitizing solution (MSA sanitizer or equivalent), rinsed with potable water, and allowed to air dry at the end of each day.

Step 7: Thoroughly wash/rinse exposed skin with water and biodegradable soap and rinse with water. Shower and launder personal clothing as soon as possible upon completing daily activities.

All materials generated during decontamination will be drummed for disposal by the on-site contractor in accordance with applicable local, state, and federal regulations.

8.2 EQUIPMENT DECONTAMINATION

Equipment which may have been contaminated during the course of contract operations will be decontaminated prior to removal from the site. Generally, equipment decontamination will be performed as follows:

1. Conduct gross removal of solids at point of use.
2. Move equipment to the CRZ for decontamination via pressure washing.

SECTION 9.0
SOPs and Accident Prevention Practices

9.1 SAFE WORK PROCEDURES

Site personnel shall observe the following safe work procedures at the project site.

1. All safety equipment and protective clothing shall be kept clean and well maintained.

2. All prescription eyeglasses in use on this project shall be safety glasses which are compatible with respirators. No contact lenses shall be allowed to be used with a respirator.

3. All disposable or reusable gloves worn on the site shall be approved by the SHSO.

4. Respirator filters shall be changed during periods of prolonged respirator use in contaminated areas. Respirator filters shall always be changed daily. Respirator cartridges should be changed out twice daily.

5. All PPE used on site shall be decontaminated or disposed of at the end of the work day. The SHSO shall be responsible for ensuring decontamination of PPE before reuse.

6. All respirators shall be individually assigned. Do not interchange respirators between workers without cleaning and sanitizing. Field personnel unable to pass a fit test as a result of facial hair or facial configuration shall not enter or work in an area that requires respiratory protection.

7. All project personnel shall have vision or corrected vision to at least 20/40 in one eye.

8. On-site personnel found to be disregarding any provision of this HASP/CAMP shall be barred from the project.

9. Disposable outerwear such as coveralls, gloves, and boots shall not be reused. Used disposable outerwear shall be removed upon leaving the hazardous work zone and shall be placed inside disposable containers provided for that purpose. These containers hall be stored at the site at the designated staging area and the Contractor shall be responsible for proper disposal of these materials at the completion of the project.

10. Protective coveralls that become torn or badly soiled shall be immediately replaced.

11. Eating, drinking, chewing gum or tobacco, and smoking is prohibited in established Work Zones.

12. All personnel shall thoroughly cleanse their hands, face, and forearms and other exposed areas prior to eating, smoking, or drinking.

13. Workers who have worked in an Exclusion Zone shall shower at the completion of the work day.
14. All personnel shall wash their hands, face, and forearms before using toilet facilities.

15. Do not allow alcohol, firearms, or drugs (without prescriptions) on site at any time.

16. All personnel who are on medication should report it to the SHSO who shall make a determination whether or not the individual will be allowed to work and in what capacity. The SHSO may require a letter from the individual's personal physician stating what limitations (if any) the medication may impose on the individual.

9.2 STANDARD OPERATING PROCEDURES

9.2.1 Confined Space Entry

All confined space entries shall be controlled through the use of a permit system. The on-site contractor shall comply with the Confined Space Entry requirements specified in 29 CFR 1910.146, Section 11.0 of this Plan, and its own confined space entry program.

9.2.2 Lockout/Tagout Procedures

Circuits and equipment must be disconnected from all electric energy sources before work on them begins. Lockout and tagging devices is used to prevent the accidental re-energization of equipment.

De-energizing circuits and equipment. Disconnect the circuits and equipment to be worked on from all electric energy sources and release stored energy that could accidentally re-energize equipment.

Application of locks and tags. Only authorized employees are allowed to place a lock and tag on each disconnecting-means used to de-energize the circuits or equipment before work begins. The locks prevent unauthorized persons from re-energizing the equipment or circuits and the tags prohibit unauthorized operation of the disconnecting, device.

Verification of de-energized condition of circuits and equipment. Prior to work on the equipment, a "qualified" employee must verify that the equipment is de-energized and cannot be restarted.

Re-energizing circuits and equipment. Before circuits or equipment are re-energized, the following steps must be taken in this order:

1. A "qualified" employee conducts tests and verifies that all tools and devices have been removed.

2. All exposed employees are warned to stay clear of circuits and equipment.

3. Authorized employees remove their own locks and tags.

4. The SHSO conducts a visual inspection of the area to be sure all employees are clear of the circuits and equipment.

9.2.3 Electrical Grounding

Only qualified employees may work on or around electrical equipment. On-site contractors shall follow the standards set by OSHA and the National Electrical Code for the purchase and maintenance of electrical equipment and systems.

The working space around electrical equipment will be large enough to permit access to all parts of it, and it must never be used for the storage of other materials so that immediate access can be gained.

Only authorized electrical tools may be used. Portable electrical tools must have grounding protection and be insulated against shock. Single-phase electrical tools must be approved by Underwriters Laboratories and must be plugged into properly grounded receptacles.

The use of extension cords is discouraged, and they may never be used in traffic areas where they may be a hazard or where they may come unplugged. They must always be grounded. Any energized electrical equipment operating at 50 volts or higher must be protected by a cabinet or other approved enclosure, with warning signs immediately visible.

9.2.4 Excavation Safety

All excavation activities shall be conducted in accordance with 29 CFR 1926, Subpart P.

The excavation on-site contractor shall ensure that all personnel performing work in an excavation have awareness training which includes a discussion of the hazards and control measures associated with underground utilities, cave-ins, access and egress, use of protective systems (benching, shoring, sloping, trench boxes), potential atmospheric hazards, equipment operations hazards, water accumulation hazards, stability of adjacent structures, and the on-site contractor's excavation inspection program.

The excavation on-site contractor shall assign a competent person to each excavation where a hazard to personnel, equipment, or facilities may exist. The competent person shall be available on-site (at the excavation area as necessary) and involved in all important aspects of planning and executing excavation work.

Any excavations which are deeper than five feet and into which employees must enter will be sloped, shored, or somehow contained to protect the employees from collapsing soil. When employees are required to work in depths of more than four feet, a means of egress (e.g. ladder) must be provided for every 25 feet of lateral distance. The ladder will not be removed until all employees have exited the excavation site.

Excavated materials (spoils) shall be placed a minimum distance of two feet from the edge of the excavation.

9.3 ACCIDENT PREVENTION PLAN

9.3.1 Safety Meeting

Daily tailgate meetings will be conducted as stated in Section 4.0 of this HASP.

9.3.2 Fire Prevention And Protection

The following measures shall be considered by the on-site contractor.

1. Smoking is allowed in designated areas only (to be identified by the on-site contractor).

2. All work operations shall comply with the requirements of 29 CFR 1926, Subpart F, Fire Protection.

3. A minimum 10 lb type ABC fire extinguisher shall be provided with 75 feet of storage areas at which more than 5 gallons of flammable or combustible liquids or more than 5 pounds of flammable gas are being stored.

4. Fire extinguishers shall be installed in all occupied job trailers and equipment.

5. Fire extinguishers shall be inspected and maintained monthly and equipped with inspection tags.

6. Flammable and combustible liquid and gas storage and dispensing areas shall be posted "No Smoking or Open Flame".

7. All fire-fighting equipment will be inspected on a regular basis, maintained in proper working condition, and will be located in an accessible place at all times. All employees will be notified of their location and procedures will be reviewed on a regular basis.

9.3.3 Walking and Working Surfaces

The following measures shall be considered by the on-site contractor.

1 . Floor openings will be guarded on all exposed sides by a standard railing and toeboards or cover.

2. Every open-sided floor or platform that is 6 or more feet above adjacent floor or ground level will be guarded by a standard railing on all open sides.

3. Runways 4 or more feet high will have standard railings on all open sides, unless operating conditions prohibit it.

4. Temporary floor openings will have standard railings, or a temporary cover.

9.3.4 Site Housekeeping

The following measures shall be considered by the on-site contractor.

1. All excess material and debris will be kept clear from all working areas.

2. Combustible materials will be removed at regular intervals, and all wastes will be properly disposed of at frequent intervals.

3. Containers will be provided for the collection and separation of all discarded materials and refuse, and covers and identification will be provided for containers used for flammable or harmful substances.

9.3.5 Mechanical Equipment and Vehicle Safety

The following measures shall be considered by the on-site contractor.

A. All vehicles and equipment to be used on a project shall be checked at the beginning of each shift to assure that all parts that affect safe operation are in proper working condition and that they are free from defects.

B. No employee will be permitted to use any vehicle or equipment that has an obstructed view to the rear unless there is a reverse signal alarm or a signal man is assigned to assist.

C. Employees may not work or walk under or between equipment that has parts which are suspended or held aloft unless or until the parts are substantially blocked to prevent their falling or shifting.

9.3.5.1 High-Pressure Washers

Only trained and authorized employees may operate high-pressure washers. This policy is intended to protect both employees and any property where the equipment is to be used. The following safety guidelines shall be considered by the on-site contractor.

1. The lance must always be pointed at the specific work area.

2. All other employees must remain at least 25 feet away from the washer and the structure to be washed.

3. Special care should be taken to ensure the proper footing of the operator.

4. The operator and his assistant shall wear the following personal protective equipment:

   - Hard hat with face shield
   - Goggles
   - Safety boots with metal foot and shin guards Hearing protection
   - PVC rain or acid suit
   - Heavy gloves
   - Any additional equipment to protect against chemicals, as needed.

5. Operators shall be rotated on at least an hourly basis.

6. Training in emergency shut down procedures and general equipment maintenance is required of all operators and assistants.

7. Under no circumstances will an operator be allowed to make modifications to a power washer while on a job.

9.3.5.2 Vehicle and Equipment Safety

Only fully trained and qualified employees may operate construction equipment and vehicles. This policy is intended to protect all employees and client properties and is in effect at all times.

The following safety guidelines shall be considered by the on-site contractor.

- Every unit is to be inspected prior to its use on a project site and then inspected periodically depending upon the equipment involved and the manufacturer's specifications.
- No repair work or refueling may be done while vehicles or equipment are in operation. The engine is to be turned off and all buckets, blades, gates, or booms lowered to the ground or substantial support.
- Back up alarms must be operational and audible over surrounding noise levels. If not, an assistant will be required to clear the way.
- Only authorized employees are permitted to ride in company vehicles or equipment. Under no circumstances will an employee be permitted to either get on or get off a moving vehicle.
- Operators of equipment must wear the following personal protective equipment:

  ✓ Boots or sturdy work shoes,
  ✓ Ear protection devices when the noise level is expected to be in excess of 90 DBA,
  ✓ Heavy work gloves, and
  ✓ Hard hat.

- Vehicles and equipment not in use will be parked off roads and major access routes with their wheels blocked. They will be turned off and the keys given to the appropriate supervisor on the site.
- If an unit is equipped with seat belts, the operator and any assistants must wear the seat belts at all times.
- All windshields, side windows, mirrors, and lights will be cleaned as often as necessary to ensure proper visibility.

9.3.6 Incident Reporting and Investigation

An incident is defined as follows:

- A work-related injury or illness
- An exposure to a hazardous substance above the allowable exposure limit
- A material handling accident
- An electrical accident

- Property/vehicle/equipment damage
- An uncontrolled fire or explosion
- A spill or release (including air releases)to the environment
- A permit or permit equivalent exceedance or non-compliance
- Any unexpected contact or damage to aboveground or belowground utilities.
- A "near miss" or an unplanned event that has a reasonable probability of resulting in one of the outcomes described above, and for which modifications to the management programs will reduce the probability of occurrence or the severity of the outcome.

9.3.6.1 Employee Responsibility

All on-site contractor personnel have the responsibility to immediately report any incident to their supervisor. Supervisors shall take appropriate corrective action, and immediately report the incident to the Client's project representative.

9.3.6.3 Incident Report

On-site contractors will prepare a written report for all incidents. The report is to be prepared by the supervisor responsible for the on-site contractor activity/area where in incident occurred.

9.3.6.3 Incident Investigation

An incident investigation shall be performed for all incidents for which a report is prepared. The on-site contractor's supervisor and Client's project representative will perform the investigation and shall include participation by others as necessary. The investigation is to be initiated as soon as possible after the incident.

9.3.6.4 Investigation Follow-Up

On-site contractors will establish a follow-up system for all investigation findings under its control. The system shall identify the corrective action(s) to be taken, the individual responsible for each corrective action, and the date the corrective action was implemented or verified.

9.3.6.5 Case Management of Potential Injuries or Illnesses

On-site contractors are responsible for implementing and maintaining an effective case management program for its employees that addresses potential injuries or illnesses related to work on the project. The goal of the case management program is to ensure that workers receive the appropriate level of care; that injured or ill workers return to normal work duties as soon as possible; that injury or illness records are consistently and

accurately maintained; that unnecessary or fraudulent injury or illness cases are avoided; and that the on-site contractor actively seeks to minimize the impact of any incident with respect to recordability, restricted duty, and lost time aspects.

EXAMPLE

SECTION 10.0
Confined Space Entry Operations

Personnel entering and working in confined spaces will be required to adhere to the OSHA Permit-Required Confined Space Standard 29 CFR 1910.146 (Publications 58-FR-4549 and 58-FR-34845); the OSHA Construction Standard 1926.21 (B)(6); and the OSHA General Duty Clause.

10.1 DEFINITION

10.1.1 Confined Space

OSHA defines a confined space as having the following characteristics:

1. The space is large enough that it can be bodily entered;
2. The space has restricted means of entry and exit; and
3. The space is not designed for continuous human occupancy.

Examples of confined spaces include tanks, underground vaults, manholes, and excavations greater than four feet deep. There are two types of confined spaces: permit-required and non-permit required. The "PRCS Evaluation Procedures and Decision Flow Chart" provided as Exhibit 1 at the end of this section shall be used to evaluate the potential for permit-required confined spaces.

10.1.2 Permit-Required Confined Space (PRCS)

OSHA defines a permit-required confined space (PRCS) as have one or more of the following hazards:

1. The space contains, or has the potential to contain, a hazardous atmosphere. A hazardous atmosphere is defined as oxygen below 19.5% or above 23.5%, combustible vapors above 10% LEL, or high toxic concentrations which may cause death, incapacitation, or an impaired ability to self-rescue.

2. The space contains a material that may engulf an entrant.

3. The space has an internal configuration that may trap or asphyxiate entrants.

4. The space contains any other serious health and safety hazard.

All PRCSs shall be identified with a sign reading:

DANGER
PERMIT-REQUIRED CONFINED SPACE
DO NOT ENTER

The above sign will be prominently posted on-site in the immediate vicinity of the PRCS to inform personnel of the existence and location of, and the danger posed by, the PRCS.

Entry into a PRCS requires special training, rescue procedures, and a confined space entry permit.

10.1.3 Non-Permit Required Confined Space

OSHA defines a non-permit required confined space as a PRCS in which all serious hazards have been eliminated. Non-permit required confined spaces shall be reevaluated by the SHSO using the "PRCS Evaluation Procedures and Decision Flow Chart" (Exhibit 1) whenever they or their characteristics change in a way that could lead to reclassification as a PRCS.

10.2 PERSONNEL RESPONSIBILITIES

10.2.1 Entry Supervisors

The on-site contractor will designate an entry supervisor to oversee confined space entry and ensure that all personnel engaged in PRCS entry operations comply with this procedure. Entry supervisors shall:

A. Verify that all tests specified by the permit have been conducted and that all procedures and equipment specified by the permit are in place before endorsing the permit and allowing entry to begin.

B. Terminate the entry and cancel the permit when the entry operations covered by the entry permit have been completed or whenever a condition that is not allowed under the entry permit arises in or near the PRCS.

C. Verify that rescue services are available and that the means for summoning them are operable.

D. Remove unauthorized individuals who enter or who attempt to entry the PRCS during entry operations.

E. Determine (at intervals dictated by the hazards and operations performed within the PRCS and whenever responsibility for a PRCS entry operation is transferred) that entry operations are consistent with terms of the entry permit and that acceptable entry conditions are maintained.

10.2.2 Attendants

The Entry Supervisor designate a qualified attendant for each PRCS entry operation. To be qualified, an attendant must know the hazards that authorized entrants may encounter during entry (including information on the mode, signs and symptoms, and consequences of exposure) and must be aware of behavioral effects (symptoms) of hazard exposure.

Attendants shall:

1. Remain outside the PRCS during entry operations until relieved by another attendant.

2. Take action:

   a. Warn that unauthorized entrants that they must stay away from the PRCS or that they must immediately exit if they have entered the PRCS; and

   b. Inform authorized persons and the Entry Supervisor if unauthorized persons have entered the PRCS

3. Continuously maintain an accurate count of authorized entrants in the PRCS and ensure that the means used to identify authorized entrants accurately identify the entrants.

4. Communicate with authorized entrants as necessary to monitor entrant status and to alert entrants of the need to evacuate the PRCS.

5. Monitor activities inside and outside the PRCS to determine if it is safe for entrants to remain in the PRCS.

6. Immediately order evacuation of the PRCS if the attendant detects a prohibited condition, the behavioral effects of hazard exposure in an authorized entrant, or a situation outside the PRCS that could endanger the authorized entrants, or if the attendant cannot effectively and safely perform any of his or her duties and responsibilities.

7. Perform non-entry rescues as specified by the Confined Space Entry Permit; summon rescue and other emergency services as soon as it is determined that authorized entrants may need assistance to escape from PRCS hazards.

Attendants shall NOT, under any circumstances:

- Monitor more than one occupied PRCS at any given time;
- Perform any duty that might interfere with their primary duty to monitor and protect the authorized entrants; or
- Enter into the PRCS for rescue purposes.

10.2.3 Authorized Entrants

Authorized PRCS entrants shall be identified on each Confined Space Entry Permit. Authorized entrants shall:

1. Know the hazards, including information on the mode, signs or symptoms, and consequences of exposure.

2. Properly use PPE provided for PRCS entry.

3. Communicate with the attendant as necessary so the attendant can monitor entrant status and alert entrants of any need to evacuate the PRCS.

4. Evacuate the PRCS and alert the attendant whenever they recognize any warning sign or symptom of exposure to a dangerous situation or they detect a prohibited condition or whenever the attendant or entry supervisor orders evacuation or an evacuation alarm is activated.

10.3 TRAINING

Site personnel shall be instructed not to enter PRCSs without the proper permit and without following the procedures and practices outlined in this SOP and the Confined Space Entry Permit. Employees who are required to enter PRCSs or act as an attendant or entry supervisor shall be trained to acquire the understanding, knowledge, and skills necessary for the safe performance of their assigned responsibilities and duties. These employees also must be familiar with the kinds of hazards they might face during entry and understand the modes, signs and symptoms, and consequences of exposure.

Entrants will receive training on:

a. The methods use to communicate with attendants and the means attendants will use to notify them of emergencies;

b. The operation of any specialized equipment they are expected to use, including monitoring and rescue equipment; and

c. Evacuation signals and procedures and the need for entrants to notify the attendant and evacuate the PRCS if they detect any dangerous condition.

Attendants will receive training on:

a. Procedures for monitoring inside and outside the PRCS and in recognizing conditions that might be hazardous to entrants;

b. Procedures for communicating with entrants;

c. Procedures for evacuating entrants from the PRCS and under what conditions evacuation is required;

d. Procedures for controlling access to the PRCS and to warn unauthorized people away from the space;

e. Their responsibility to remain outside the PRCS during entry, unless they are relieved by another attendant; and

f. Non-entry rescue procedures.

Entry Supervisors will receive training on:

a. Verifying that the Confined Space Entry Permit has been completed properly;

b. Procedures for verifying that all tests specified by the permit have been conducted;

c. Requirements for verifying that all procedures and equipment specified by the permit are in place before allowing entry to begin;

d. Procedures for determining if conditions are acceptable for entry;

e. Authorizing entry operations; and

f. Terminating entry.

The above training will be conducted:

a. Before the employee is first assigned confined space duties (initial training);

b. Before a change in assigned duties;

c. Whenever there is a change in permit space operations that presents a hazard about which an employee has not previously been trained; and

d. Whenever Whitestone or involved regulatory officials have reason to believe that are inadequacies in knowledge or use of these procedures.

When complete, training will be certified by the instructor. The certification will list the names of the personnel presenting and receiving the training and the dates of training. Training certification documentation shall be maintained as part of the project file and in individual personnel files in the home office.

10.4 PRCS ENTRY PROCEDURE

10.4.1 Atmospheric Testing

Before an employee enters any confined space, the Entry Supervisor will test the internal atmosphere with a calibrated, direct-reading instrument to determine if acceptable entry conditions exist for the following conditions in the order given:

	Condition	Acceptable Parameter(s)
A.	Oxygen Content	Above 19.5% and Below 23.5%
B.	Flammable Gases and Vapors	Less than 10% LEL
C.	Potential Toxic Air Contaminants	Below Action Levels for Selected PPE

Continuous systems which cannot be isolated (i.e., sewers) or activities which generate significant airborne contaminants (i.e., welding) will be continuously monitored during entry unless forced mechanical ventilation is used and has been shown to maintain an acceptable atmosphere.

10.4.2 PRCS Entry

The SHSO will utilize the "PRCS Evaluation Procedures and Decision Flow Chart" (Exhibit 1) to verify the presence of a PRCS. If it is determined that a PRCS does exist, the SHSO will review confined space entry procedures with entry personnel; post OSHA-required danger signs at entrances to the PRCS(s) and notify site personnel of PRCS locations; notify off-site rescue/emergency response services of the required PRCS(s); and prepare a Confined Space Entry Permit.

10.4.2.1 Hazard Elimination or Control

The SHSO will determine if hazards can be controlled with continuous forced mechanical ventilation or eliminated by removing potential sources of air contaminants, using proper shoring or sloping, installing standard guardrails, locking out electrical systems, etc. If potential hazards can be eliminated, then the PRCS may be reclassified as a non-permit confined space. If potential hazardous are controlled with continuous forced mechanical ventilation, then the Non-PRCS Entry Procedure provided in Section 11.5 of this HASP can be used.

10.4.2.2 Confined Space Entry Permit

The Entry Supervisor will be responsible for completing the Confined Space Entry Permit (sample provided in Attachment A of this HASP). All items on the permit MUST be completed. The Entry Supervisor MUST verify that all entry personnel are aware of the specific hazards associated with the PRCS; that all necessary safety equipment and materials are in place; that emergency response procedures are in place; and that pre-entry air monitoring results indicate acceptable entry conditions before signing the permit.

NOTE: Only one permit at a time may be used for PRCS entry.

10.4.2.3 Pre-Entry Briefing

The Entry Supervisor will conduct a pre-entry briefing with attendants and authorized entrants to discuss the requirements of the permit and ensure that all involved personnel understand their responsibilities and the specific hazards associated with the PRCS. A pre-entry briefing will be conducted once for each attendant and authorized entrant prior to entry and whenever new hazards are identified.

10.4.2.4 Entry Authorization

The Entry Supervisor will sign the Confined Space Permit AFTER the permit has been completed, safety equipment is in place, air monitoring results are acceptable, the pre-entry briefing has been conducted, and rescue procedures have been established.

Once the permit has been signed:

1. Entrants will don all necessary safety and rescue equipment;
2. The permit will be posted at, or near, the PRCS entrance; and
3. Entry will begin.

10.4.2.5 Confined Space Entry Permit Expiration and Cancellation

Each Confined Space Entry Permit will be valid for only one (1) shift. Permits will be canceled if:

1. A new hazard is identified or encountered;

2. An entrant is seriously injured and requires evacuation and/or rescue; or if

3. A change in the Scope of Work requires new activities which may create previously unanticipated hazards that may cause serious injury or death.

Expired and canceled permits must be returned to the Site Superintendent who will file and maintain them with the project documents. Reissuance of expired or canceled permits will be as specified in of this SOP.

10.5 NON-PRCS ENTRY PROCEDURE

The following procedure may be utilized only if the following conditions have been met:

1. The only serious hazard that cannot be eliminated is an actual or potential hazardous atmosphere;
2. Continuous forced ventilation along is sufficient to prevent a hazardous atmosphere; and
3. Monitoring data is available to support the adequacy of ventilation.

If the conditions of this non-PRCS entry procedure can be met, then the entry permit, attendant, and rescue procedures specified in this SOP are not required, however, it is necessary to complete a Confined Space Entry Permit prior to entry. The permit will document that the space has been classified as a non-PRCS. AIR MONITORING IS REQUIRED DURING NON-PRCS ENTRY.

All non-PRCS entrants will be required to have completed PRCS training, comply with all other applicable site safety regulations, and adhere to the following procedure:

1. Eliminate conditions making it unsafe to remove an entrance cover prior to removing the cover (i.e., use non-sparking tools).

2. Setup barriers around the opening to prevent adjacent work activities from endangering entrants.

3. Conduct pre-entry air monitoring per this SOP.

4. Setup forced mechanical ventilation if a hazardous atmosphere is encountered or anticipated. Continue ventilation for as long as entrants are in the space.

5. Evacuate entrants if a hazardous atmosphere develops and implement corrective actions to prevent recurrence.

6. Check the Non-PRCS box on the Confined Space Entry Permit and document the following: date of entry, location of the space, description of the work to be conducted within the space, and pre-entry air monitoring results. The person authorizing the Non-PRCS procedure will sign the permit in the space provided.

10.6 RESCUE/EMERGENCY RESPONSE

10.6.1 On-Site Rescue/Emergency Response Teams

Each member of the on-site rescue/emergency response teams shall:

A. Be provided with, and trained in the proper use of, PPE and equipment necessary for making rescues from PRCSs;

B. Practice making PRCS rescues at least once every 12 months. Practice drills shall simulate emergencies and rescue operations and shall involve the removal of dummies, manikins, or persons from simulated PRCSs. The simulated PRCS shall mock the configurations and hazards of the PRCS from which rescue is to be performed.

Each member of the on-site rescue/emergency response team also shall receive the same level of training as authorized entrants and shall be trained in basic first-aid and CPR. Provisions shall be made so that whenever the team is on call, at least two members of the team will have current certification in first aid and CPR.

10.6.2 Off-Site Rescue and Emergency Services

Off-site rescue/emergency service personnel will be informed by the SHSO, or his designated on-site representative, of the hazards they may confront when called on to the job-site to perform rescues. The rescue/emergency service personnel will be provided access to all permit spaces from which rescue may be necessary so that the emergency responders can develop appropriate rescue plans and conduct rescue operations.

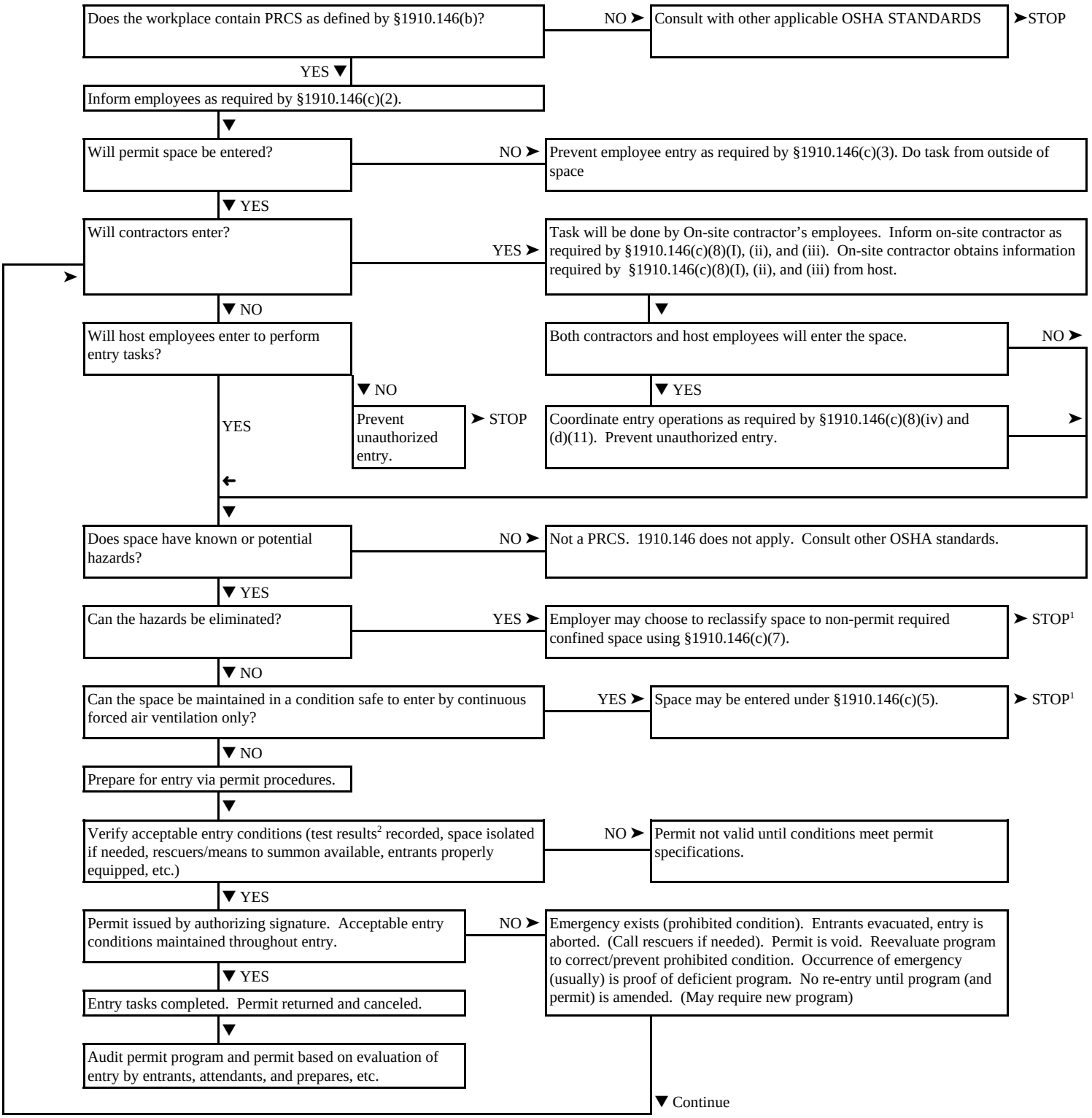
10.6.3 Non-Entry Rescue Procedures

To facility non-entry rescues, retrieval systems or methods will be used whenever an authorized entrant enters a PRCS, unless the retrieval equipment would increase the overall risk of entry or would not contribute to the rescue of the entrant.

Each authorized entrant will use a chest or full body harness, with a retrieval line attached at the center of the entrant's back near the should level or above the entrant's head (wristlets may be used in lieu of the chest or full body harness if the it can be demonstrated that the use of such a harness is infeasible or creates a greater hazard and that the use of wristlets is the safest and most effective alternative).

Retrieval lines will be attached to a mechanical device or fixed point outside the permit space in such a manner that rescues can begin as soon as the rescuer becomes aware that rescue is necessary. The mechanical device will be ready to retrieve personnel from vertical PRCSs more than five feet (5 ft) deep.

EXHIBIT 1
PRCS Evaluation Procedures and Decision Flow Chart



NOTES:

1. Spaces may have to be evacuated and re-evaluated if hazards arise during entry.
2. Test conditions in the permit space to determine if acceptable entry conditions exist before entry is authorized to begin. If isolation of the space is feasible because the space is large or is part of a continuous system (e.g. sewer system), pre-entry testing will be performed to the extent feasible before entry is authorized. If entry is authorized, entry conditions will be continuously monitored in the areas where authorized entrants are working. Test or monitor the permit space as necessary to determine if acceptable entry conditions are maintained during entry operations. The space will be tested first for oxygen, then for combustible gases and vapors, and then for toxic gases and vapors.

SECTION 11.0
Community Air Monitoring Plan

11.1 AIR MONITORING

An Environmental Inspector/Site Health and Safety Officer (SHSO) will perform real-time monitoring during future on-site intrusive construction/redevelopment or remediation activities that have the potential to generate dust or odors to determine if off-site emissions, as a result of site work, poses a threat to the surrounding community. These activities shall be conducted in accordance with ----.

11.1.1 Vapor Monitoring

Volatile organic compounds (VOCs) will be monitored with a photoionization detector (PID) at the downwind perimeter of the Exclusion Zone daily at 15 minute intervals. If total organic vapor levels (integrated over a 15 minute period) exceed 5 parts per million (ppm) above background, intrusive activities will be halted and monitoring continued under the provisions of the Minor Vapor Emission Response Plan provided in Section 11.2.

All readings will be recorded and be available for NYSDEC and NYSDOH personnel to review.

11.1.2 Particulate Monitoring

Particulates will be continuously monitored upwind, downwind, and within the work area with a portable particulate monitor having an alarm set at 100 ug/m^3 . If the downwind particulate level (integrated over a 15 minute period) is 100 ug/m^3 or greater, then dust suppression techniques must be employed. If, after the implementation of dust suppression techniques, the downwind particulate level is more than 150 ug/m^3 greater than the upwind particulate, then all intrusive activities will cease.

All readings will be recorded and be available for NYSDEC and NYSDOH personnel to review.

11.2 MINOR VAPOR EMISSION RESPONSE PLAN

If the ambient air concentration of organic vapors exceeds 5 ppm above background at the perimeter of the Exclusion Zone, intrusive activities shall be halted and monitoring continued. If the organic vapor level decreases below 4 ppm above background, intrusive activities may resume but more frequent intervals of monitoring, as directed by the SHSO, will be conducted. If the organic vapor levels are greater than 5 ppm

over background but less than 25 ppm over background at the perimeter of the Exclusion Zone, intrusive activities may resume provided:

- the organic vapor level 200 feet downwind of the active work area is below 5 ppm over background; and
- more frequent intervals of monitoring, as directed by the SHSO, are conducted.

If the organic vapor level is above 25 ppm at the perimeter of the Exclusion Zone, work activities shall be shutdown. When work shutdown occurs, downwind air monitoring as directed by the SHSO shall be implemented to ensure that vapor emission does not impact the nearest residential or commercial structure at levels exceeding those specified in Section 11.3 of this Plan.

11.3 MAJOR VAPOR EMISSION RESPONSE PLAN

11.3.1 Defined Action Levels

If any organic levels greater than 5 ppm over background are identified 200 feet downwind from the active work area, all work activities shall be halted.

If, following the cessation of the work activities, or as the result of an emergency, organic levels persist above 5 ppm above background downwind from the Exclusion Zone, the air quality shall be monitored within 20 feet of the perimeter of the nearest residential or commercial structure (20-Foot Zone).

If efforts to abate the emission source are unsuccessful and if organic vapor levels are approaching 5 ppm above background and persist for more than 30 minutes in the 20-Foot Zone, the Major Vapor Emission Response Plan (Section 11.3.2) shall be automatically placed into effect. However, the Major Vapor Emission Response Plan shall immediately be placed into effect if organic vapor levels are greater than 10 ppm above background levels.

11.3.2 Emergency Response

Upon activation, the following shall be undertaken:

1. The emergency contacts listed on Page B-7 shall be notified immediately.

2. The local police authorities shall immediately be contacted by the SHSO and advised of the situation. The SHSO shall coordinate with local officials to arrange for notification and evacuation of the surrounding community.

3. Air monitoring shall be conducted at 10 minute intervals within the 20-Foot Zone. If two successive readings below action levels are measured, air monitoring may be halted or modified by the SHSO.

11.4 ODOR

Active work areas will be foamed if odor complaints are received from nearby residences during site activities or as directed by the SHSO or NYSDEC Site Representative. Odor suppression will continue during each day that odor complaints are received.

EXAMPLE

SECTION 12.0
Logs, Reports, and Record Keeping

The following health and safety reports will be prepared and submitted as indicated below.

Type	Frequency
Daily Safety Report	Daily
Air Monitoring Report	As Needed; One Per Day
Employee Meeting Record	As Needed; One Per Meeting
Confined Space Entry Permit	As Needed; One Per Entry
Accident/Incident Report	As Needed; Within 24 Hours
Health & Safety Inspection Report	As Needed; One Per Inspection
Spill Report	As Needed; Within 24 Hours

Copies of the field logs, permits, and forms required for this project are provided in Attachment A.

On-site contractors shall provide the Client's project representative with a copy of project reports upon request or as stated elsewhere in this HASP/CAMP.

EXAMPLE

ATTACHMENT A
Sample Health & Safety Report Forms

EXAMPLE

DAILY SAFETY REPORT

Project No.:_____ Date: _____
Project Name/Location: _____

Weather Conditions

_____ A.M. _____ P.M.	Rain/Snowfall: _____ Inches (Approx.) Temp.: ___ºF (Minimum) ___ºF (Maximum)

Scheduled Work Activities

Personnel	Activity	PPE	Equipment

Noticed Deficiencies/Corrective Action

Deficiency	Corrective Action	Date Corrected	Time Corrected

Accidents/Incidents/Illnesses: (Briefly Describe and Attach Incident Report Form)

_____

_____

Miscellaneous Comments:

_____

_____

Report Completed By:

_____ _____
(Printed Name) (Signature)

Date: _____

EXAMPLE

EMPLOYEE MEETING RECORD

Project Information:

Project: _____ Project No.: _____

Location: _____

Meeting Information:

Meeting Date: _____ Instructor: _____

Start Time: _____ ❑ A.M. ❑ P.M. End Time: _____ ❑ A.M. ❑ P.M.

Materials Covered: _____

_____

_____

_____

Name of Person Attending	Social Security Number	Signature

Instructor Signature: _____ Date: _____

SPILL REPORT FORM

Project: _____ Contract No.: _____

Location: _____ Job No.: _____

TYPE OF SPILL:

1. ❑ Priority 1 (Significant) ❑ Priority 2 (< 5 Gallons)
2. Date of Spill: ____/____/____
3. Time: _____ ❑ A.M. ❑ P.M.
4. Estimated Amount of Spill: _____
5. Type of Material: _____
6. Location: _____
7. Identify Potential Impacts: _____
8. Cause of Spill: _____

   _____
9. Method of Containment and Cleanup Measures Taken (Describe): _____

   _____

   _____

   _____
10. Contacts Made (If Priority 1):

    State: _____
    Fire: _____
    Police: _____
    Other: _____
11. Other Preventative Measures Taken: _____

REPORT PREPARED BY:

_____ _____

Printed Name, Title Signature

CONFINED SPACE ENTRY PERMIT

Date _____ Shift _____ Project Name _____

Confined Space Description _____

Type of Work Planned _____

Weather Conditions _____

Time of Entry _____ Time of Exit _____

TESTS PERFORMED

Time	LEL (%)	Oxygen (%)	Benzene (ppm)	Other	Other	Other

YES	NO	ANSWER ALL QUESTIONS BEFORE WORK STARTS
❑	❑	Lines to and from Confined Space Disconnected
❑	❑	Electrical Service Disconnected or Locked out
❑	❑	Grounding and Bonding Cables in Place
❑	❑	Lighting, Fittings and Cords Approved
❑	❑	Ground Fault Circuit Indicator on
❑	❑	Ignition Sources Isolated
❑	❑	Respiratory Equipment Checked
❑	❑	Safety Harnesses and Lifelines Checked
❑	❑	Protective Equipment Checked
❑	❑	Employees Trained in PPE
❑	❑	Support Person Trained
❑	❑	Leaded Products Present
❑	❑	Emergency Equipment Checked
❑	❑	Warning Signs Visible
❑	❑	Ventilation System in Effect

PERSONAL PROTECTIVE EQUIPMENT NEEDED (Check All That Apply)

❑	Chemical Goggles	❑	Heavy Suit
❑	Safety Glasses	❑	Saranex Suit
❑	Face Shield	❑	Tyvek suit
❑	Gloves	❑	Airline Respirator Cartridge Type
❑	Boots	❑	Airline w/ Egress
❑	Hearing Protection	❑	Lifeline with Harness

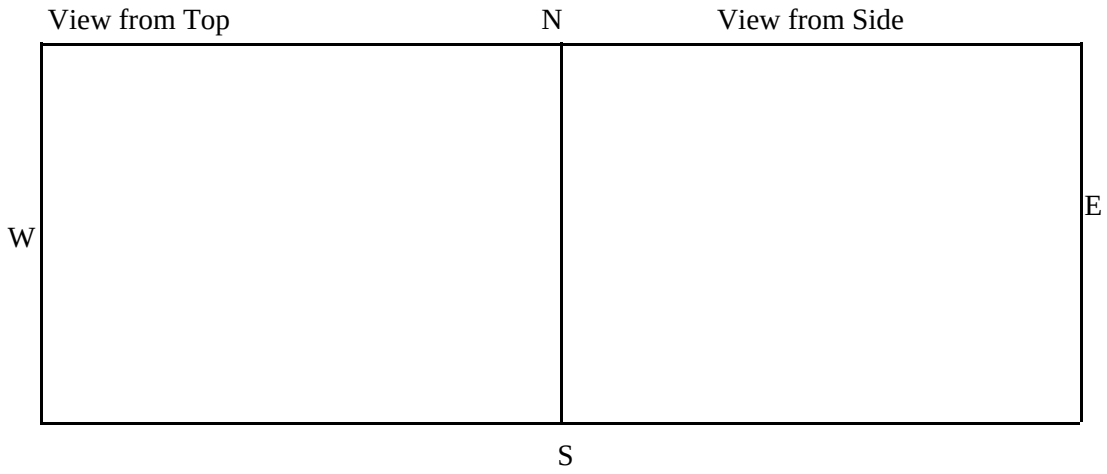
❑ Non-Entry Rescue Equipment/Tools (List) _____

_____

CONFINED SPACE DOCUMENTATION

EXAMPLE

Use the space below to draw a diagram of the confined space. Be sure to indicate the location of manways and ventilation sources, and where monitoring tests were performed.



Describe the condition of the confined space: _____

_____

This log is valid only for this one shift and for the following employees:

_____ _____

_____ _____

_____ _____

_____ _____

The following support personnel have been assigned:

_____ _____

_____ _____

The following qualified personnel have been assigned:

_____ _____

_____ _____

Supervisor's Signature _____ Date _____

Signature of Standby _____ Date _____

Project Name _____ Shift Time _____

EXAMPLE

AIR MONITORING REPORT

Date: _____ Page __1__ of __2__
Project: _____ Contract No.: _____
Location: _____ Project No.: _____

Instrument Calibration

Instrument	Calibrated By:	Date	Time(s)	
			____❑ AM ❑ PM	____❑ AM ❑ PM
			____❑ AM ❑ PM	____❑ AM ❑ PM
			____❑ AM ❑ PM	____❑ AM ❑ PM
			____❑ AM ❑ PM	____❑ AM ❑ PM
			____❑ AM ❑ PM	____❑ AM ❑ PM
			____❑ AM ❑ PM	____❑ AM ❑ PM

Perimeter & Personnel Sampling

Perimeter Samples Collected: _____

Perimeter and Personnel Sample Results from Previous Days (Provide Data When Received, Indicate Date on Which Sample Was Collected): _____

Meteorological Data

Temperature: _____ºF Wind Direction: _____ Humidity: _____%

Weather Condition (i.e., Gusty, Rain, Snow, Sun, Etc.): _____

Comments: _____

EXAMPLE

AIR MONITORING REPORT

Date: _____ Page 2 of 2
Project: _____ Contract No.: _____
Location: _____ Project No.: _____

Operation Monitored: (If instruments have recorders, attach tape to report. Note when action levels are exceeded. Indicate response taken.)

Instrument	Sampling Location	Sample Time	Reading	Action Level Exceeded?	Action(s) Taken
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	
				❑ Yes ❑ No	

Report Prepared By:

_____ _____
HSO (Printed Name) HSO (Signature)

Date: _____

EXAMPLE

INCIDENT REPORT

Project Name: _____ Report Date: _____

Project Location: _____ Project No. _____

Report Prepared By: _____ Page: 1 of 5

Date of Incident: _____ Time of Incident: _____

INCIDENT CATEGORY (Check All That Apply):

_____ Injury	_____ Illness	_____ Property Damage
_____ Near Miss	_____ Fire	_____ Chemical Exposure
_____ Motor Vehicle	_____ On Site Equipment	_____ Electrical
_____ Mechanical	_____ Other (Describe):	_____

NARRATIVE REPORT OF INCIDENT: Provide sufficient detail so that the reader may fully understand the actions leading to the incident, the incident occurrence, and actions following the incident. Append additional sheets of paper if necessary.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

WITNESS TO INCIDENT:

1. Name: _____
   Company: _____
   Address: _____
   Telephone Number: _____

2. Name: _____
   Company: _____
   Address: _____
   Telephone Number: _____

EXAMPLE

INCIDENT REPORT

INJURIES - FIRST INJURED PERSON:

Name of Injured: _____

Street Address: _____

City/State/Zip: _____

SSN: _____ Age: _____ Sex: _____

Years of Service: _____ Time on Present Job: _____

Job Title/Classification: _____

Severity of Injury: ❑ Non-Disabling ❑ Disabling ❑ Fatality ❑ Medical Treatment

Estimated No. of Days Away from Job: _____

Nature of Injury/ Illness: _____

_____

Classification of Injury:

_____ Fractures	_____ Heat Burns	_____ Cold Exposure
_____ Dislocations	_____ Chemical Burns	_____ Frostbite
_____ Sprains	_____ Radiation Burns	_____ Heat Stroke
_____ Abrasions	_____ Bruises	_____ Heat Exhaustion
_____ Lacerations	_____ Blisters	_____ Concussion
_____ Punctures	_____ Toxic Resp. Exp.	_____ Faint/Dizziness
_____ Bites	_____ Respiratory Allergy	_____ Toxic Ingestion
_____ Dermal Allergy	_____ Other (Describe):	_____

Part of Body Affected: _____

Degree of Disability: _____

Date Medical Care was Received: _____

Where Medical Care was Received: _____

Address of Medical Care (If Off-Site): _____

If Hospitalized:

Hospital Name: _____

Address: _____

Telephone Number: _____

Physician:

Name: _____

Address: _____

Telephone Number: _____

EXAMPLE

INCIDENT REPORT

INJURIES - SECOND INJURED PERSON:
If more than two injuries, provide information on separate sheet.

Name of Injured: _____

Street Address: _____

City/State/Zip: _____

SSN: _____ Age: _____ Sex: _____

Years of Service: _____ Time on Present Job: _____

Job Title/Classification: _____

Severity of Injury: ❑ Non-Disabling ❑ Disabling ❑ Fatality ❑ Medical Treatment

Estimated No. of Days Away from Job: _____

Nature of Injury/ Illness: _____

_____

Classification of Injury:

_____ Fractures	_____ Heat Burns	_____ Cold Exposure
_____ Dislocations	_____ Chemical Burns	_____ Frostbite
_____ Sprains	_____ Radiation Burns	_____ Heat Stroke
_____ Abrasions	_____ Bruises	_____ Heat Exhaustion
_____ Lacerations	_____ Blisters	_____ Concussion
_____ Punctures	_____ Toxic Resp. Exp.	_____ Faint/Dizziness
_____ Bites	_____ Respiratory Allergy	_____ Toxic Ingestion
_____ Dermal Allergy	_____ Other (Describe):	_____

Part of Body Affected: _____

Degree of Disability: _____

Date Medical Care was Received: _____

Where Medical Care was Received: _____

Address of Medical Care (If Off-Site): _____

If Hospitalized:

Hospital Name: _____

Address: _____

Telephone Number: _____

Physician:

Name: _____

Address: _____

Telephone Number: _____

EXAMPLE

INCIDENT REPORT

PROPERTY DAMAGE:

Brief Description of Property Damaged: _____

_____

_____

_____

_____

_____

_____

Estimate of Damage: $ _____

INCIDENT LOCATION:

_____

_____

_____

_____

_____

INCIDENT ANALYSIS:

Causative Agency Most Directly Related to Accident (Object, Substance, Material Machinery, Equipment, Conditions): _____

_____

_____

_____

Was weather a factor? _____

Unsafe Mechanical/Physical/ Environmental Condition at Time of Incident (Be Specific, **Must be Answered**): _____

_____

_____

_____

Personal Factors (Improper Attitude, Lack of Knowledge or Skill, Slow Reaction, Fatigue): _____

_____

_____

_____

EXAMPLE

INCIDENT REPORT

ON-SITE INCIDENTS:

Level of Personal Protection Equipment Required in Site Safety Plan: _____

Modifications: _____

Was Injured Using Required Equipment? ❑ YES ❑ NO

Comments: _____

If not, how did actual equipment use differ from Plan? _____

ACTION TAKEN TO PREVENT RECURRENCE: Be very specific. What has or will be done? When will it be done? Who is the responsible party to insure that the correction is made?

_____

_____

_____

_____

_____

_____

_____

INCIDENT REPORT COMPLETED BY:

_____ _____
(Printed Name) (Signature)

OTHERS PARTICIPATING IN INVESTIGATION:

_____ _____
(Printed Name/Title) (Signature)

_____ _____
(Printed Name/Title) (Signature)

_____ _____
(Printed Name/Title) (Signature)

EXAMPLE

ATTACHMENT B
Emergency Response Plan

EXAMPLE

ATTACHMENT B
Emergency Response Plan

The following Emergency Response Plan considers and recommends:

- Preventative Measures;
- Personnel training and regular safety meetings conducted to reduce the likelihood of accidents;
- Mitigative measures to limit the scope of any accident; and
- Contingency actions to respond to and remedy the effects of accidents.

1.0 PRE-PLANNING

All work will be coordinated with the Owner's Site Representative. Telephone numbers for local police and fire departments, local hospital(s), and local ambulance services (see page B-7) will be posted on site.

Emergency response procedures will be covered as part of each site personnel's training. Training in site-specific emergency procedures will be provided by the site health and safety officer before work begins on site. This training will include, but is not limited to, the following;

- Emergency chain-of-command;
- Communication methods and signals;
- Location of phones and emergency numbers;
- Use of emergency equipment;
- Evacuation and emergency procedures;
- Off-site support;
- Site-specific hazards;
- Decontamination procedures;
- Standard operating procedures; and
- Location and use of first aid equipment.

2.0 EMERGENCY CHAIN-OF-COMMAND

Personnel shall immediately notify their supervisor in the event of an emergency situation using available communications (see Section 3.0). The supervisor will make a rapid assessment of the situation and take appropriate action which (depending upon emergency circumstances) can include notifying the SHSO and the client's project representative of the situation; initiating engineering controls (i.e., dust suppression, spill response control measures, etc.); ordering the suspension of work; ordering evacuation of the work zone; implementing emergency altering and response procedures; requesting emergency medical treatment; and/or administering first aid.

3.0 COMMUNICATION METHODS AND SIGNALS

For emergency situations when two-way radio communication is not available or practical, oral, hand, and semaphore safety signals have been established to protect project personnel. These signals will be made available to personnel for all phases of operation before going on-site. This will ensure quick communication during adverse or emergency situations.

Examples of established signals and their meanings are provided below.

Signal	Indicates
Hand gripping throat	Out of air, can't breath
Wave hands over head from side-to-side	Attention: stand-by for next signal
Swing hand from direction of person receiving signal to directly overhead and through in a circle	Come here
Pointed finger on extended arm	Look in that direction
Grip partner's wrist or both hands around wrist	Leave the area immediately
Hands on top of head	Need assistance
Thumbs up	OK, I'm alright, I understand
Thumbs down	No, negative

Examples of audio signals include:

Signal	Indicates
Short blast of airhorn	Caution or look here
Four (4) blasts of air or vehicle horn	Leave the area

Each field team member will be assigned a buddy. Field personnel will watch for hazards or problems his/her buddy might encounter. Buddies will pre-arrange hand signals or other means of emergency signals for communication when respiratory protection or distance makes communication difficult. Communication between buddies must be maintained at all times. Visual contact must be maintained between buddies. Further, buddies must remain in close proximity to each other in order to assist in case of emergencies.

4.0 EVACUATION

Emergency escape routes will be designated by the on-site contractor's SHSO for use in situations where rapid egress from the Exclusion Zone is required. The locations of these routes will be reviewed with site personnel during daily tool-box meetings.

An emergency evacuation alarm (i.e., air or vehicle horn) will be kept on site. A series of regularly spaced, repeated blasts (four blasts) will be used to signify that all personnel should evacuate the work area. After exiting the work area, personnel will meet at an upwind location designated by the on-site contractor's SHSO (or his designated site representative). The emergency alarm will be sounded in the event of any serious problem or emergency on-site which requires the assistance of site personnel or the evacuation of the construction team.

In all situations when an on-site emergency results in evacuation of the Exclusion Zone, personnel will not be permitted to reenter until:

- The conditions resulting in the emergency have been corrected;
- The hazards have been reassessed;
- This HASP/CAMP has been reviewed; and
- Site personnel have been briefed on any changes in the HASP/CAMP.

5.0 EMERGENCY SERVICES/EMERGENCY VEHICLE ACCESS

Emergency telephone numbers will be posted at each project site telephone. Directions to the local hospital also will be posted at the site.

In the event that emergency services vehicles (police, fire, ambulance) need access to a location which is blocked by the working crew operations, those operations (equipment, materials, etc.) will be immediately moved to allow those vehicles access. Emergency crews will be briefed as to site conditions and hazards by the SHSO. All vehicles and personnel will be decontaminated prior to leaving the site.

6.0 WEATHER-RELATED HAZARD RESPONSE

Threats to site personnel can arise from natural causes (i.e., lightening, high winds, etc.). In the event that severe weather is imminent, the SHSO will notify field team members. As the storm approaches, all work will cease, loose objects will be secured, and site personnel will take shelter at pre-arranged locations. After the severe weather event has passed, the SHSO will inspect the work area for safety hazards prior to resuming work.

7.0 SPILL CONTROL & CONTINGENCY PLAN

A site-specific Spill Containment Program is provided in Attachment C of this HASP/CAMP.

8.0 PERSONAL INJURIES

In the event of personal injuries the following procedures will be enacted.

1. ***Initial alarm and first aid.*** Upon observation of an injury, project personnel will quickly get the attention of other nearby workers; immediately act to protect the injured person from a life-threatening situation; render appropriate first aid; and warn unsuspecting persons of the potential hazard.

2. ***Notify the SHSO.*** Utilizing available personal radio communications or other rapid communication methods, the SHSO will be notified of the situation, the identity of the injured person, the type of injury, and the project site location.

3. ***Ambulance and hospital services***. The SHSO will immediately assess the situation and, if necessary, notify the designated off-site hospital of the emergency situation.

4. ***Follow-up***. The SHSO will determine why the injury occurred, and will take appropriate steps to prevent a similar recurrence. Events associated with the injury will be recorded in the safety officer's logbook.

An Incident Report Form (sample provided in HASP, Attachment A) must be completed by the SHSO and submitted to the client's project representative within 24 hours of the injury. The client's Representative shall receive a copy of the Incident Report Form within 48 hours of the injury.

9.0 FIRE/EXPLOSION

The following contingency plan will be implemented in the event of a fire at the project site.

1. ***Initial Alarm.*** Upon observation of any on-site fire, personnel must immediately notify their supervisor. No attempt will be made to extinguish the fire prior to sounding the alarm.

2. ***Control and/or extinguish small fires which can be suppressed promptly with available on-site equipment***. Without risking personal injury, an attempt will be made to control or extinguish small fire(s) utilizing ABC-type fire extinguishers. Water will not be used except on wood or paper fires.

3. ***Notify local fire company.*** The supervisor will immediately assess the situation and, if deemed necessary, the site will be evacuated if a fire occurs which cannot be controlled with a portable fire extinguisher.

4. ***Follow-up.*** The SHSO will determine why the fire or explosion occurred, and will take appropriate steps to prevent a similar recurrence. Events associated with the fire or explosion will be recorded in the safety officer's logbook.

An Incident Report Form (sample provided in HASP, Attachment A) must be completed by the SHSO and submitted to the client's project representative within 24 hours of the fire/explosion. The client's Representative shall receive a copy of the Incident Report Form within 48 hours of the fire/ explosion.

10.0 PERSONAL PROTECTIVE EQUIPMENT FAILURE

If any site worker experiences a failure or alteration of protective equipment that affects the protection factor, that person and his/her buddy immediately will leave the Exclusion Zone and notify the SHSO. Reentry will not be permitted until the equipment has been replaced or repaired, and the affected areas of the person's body have been decontaminated if applicable.

11.0 OTHER EQUIPMENT FAILURE

If any on-site equipment other than PPE (see Section 10.0 above) fails to operate properly, the SHSO will be notified. The SHSO then will determine the effect of this failure on continuing operations on site. If the failure affects the safety of personnel or prevents the completion of the work, all personnel will leave the Exclusion Zone until the situation is evaluated and all appropriate actions taken.

12.0 EMERGENCY EQUIPMENT & ON-SITE FIRST AID

Emergency and first aid equipment to be maintained on-site includes:

- The active work area shall be provided with approved, portable emergency eye wash and shower units in accordance with ANSI Standard Z358.1 and minimum rating 2A-10 B:C type dry chemical fire extinguishers.

- At least one "industrial" first aid kit and stretcher shall be provided and maintained fully stocked at an easily accessible, uncontaminated location to be determined on-site by the SHSO. Additional first aid kits will be provided in the event active work areas are so isolated or separated as to make use of the one first aid station impractical.

- First aid/CPR kit locations shall be specifically marked by the SHSO and provided with adequate water and other supplies necessary to cleanse and decontaminate burns, wounds, or lesions. First aid stations shall be supplied with a buffer solution for testing acid and caustic burns.

- ABC type dry chemical fire extinguishers shall be provided at all site locations where flammable materials present a fire risk.

An Emergency Notification Table is provided on the following page. The Emergency Notification Table shall be posted in a prominent location(s) on site.

If a site worker becomes injured or ill, Red Cross first aid procedures will be followed. First aid or other appropriate initial actions will be provided by the certified first aid technician closest to the incident. If the injury to the worker is chemical in nature, the following first aid procedures are to be instituted:

- ***Eye Exposure.*** If contaminated solids or liquids get into the eyes, wash eyes immediately at the emergency eyewash station using large amounts of water and lifting the lower and upper lids occasionally. Wash for at least 15 minutes. Obtain medical attention.

- ***Skin Exposure.*** If contaminated solids or liquids get on the skin, promptly wash the contaminated skin using soap and water. Obtain medical attention immediately when exposed to concentrated solids or liquids.

- ***Respiratory Exposure.*** Move victim to fresh air at once and begin CPR. Obtain immediate medical attention.

- ***Ingestion Exposure.*** For swallowed contaminants, identify the item swallowed. Follow appropriate procedures and obtain medical attention as soon as possible.

NOTE: Any person transported to the hospital for treatment related to an exposure injury will take with them the appropriate information (i.e., MSDSs) on the chemical(s) to which he/she has been exposed. MSDSs for chemicals known or suspected to exist on site shall be maintained in the on-site command post by the SHSO.

EXAMPLE

EMERGENCY NOTIFICATION TABLE

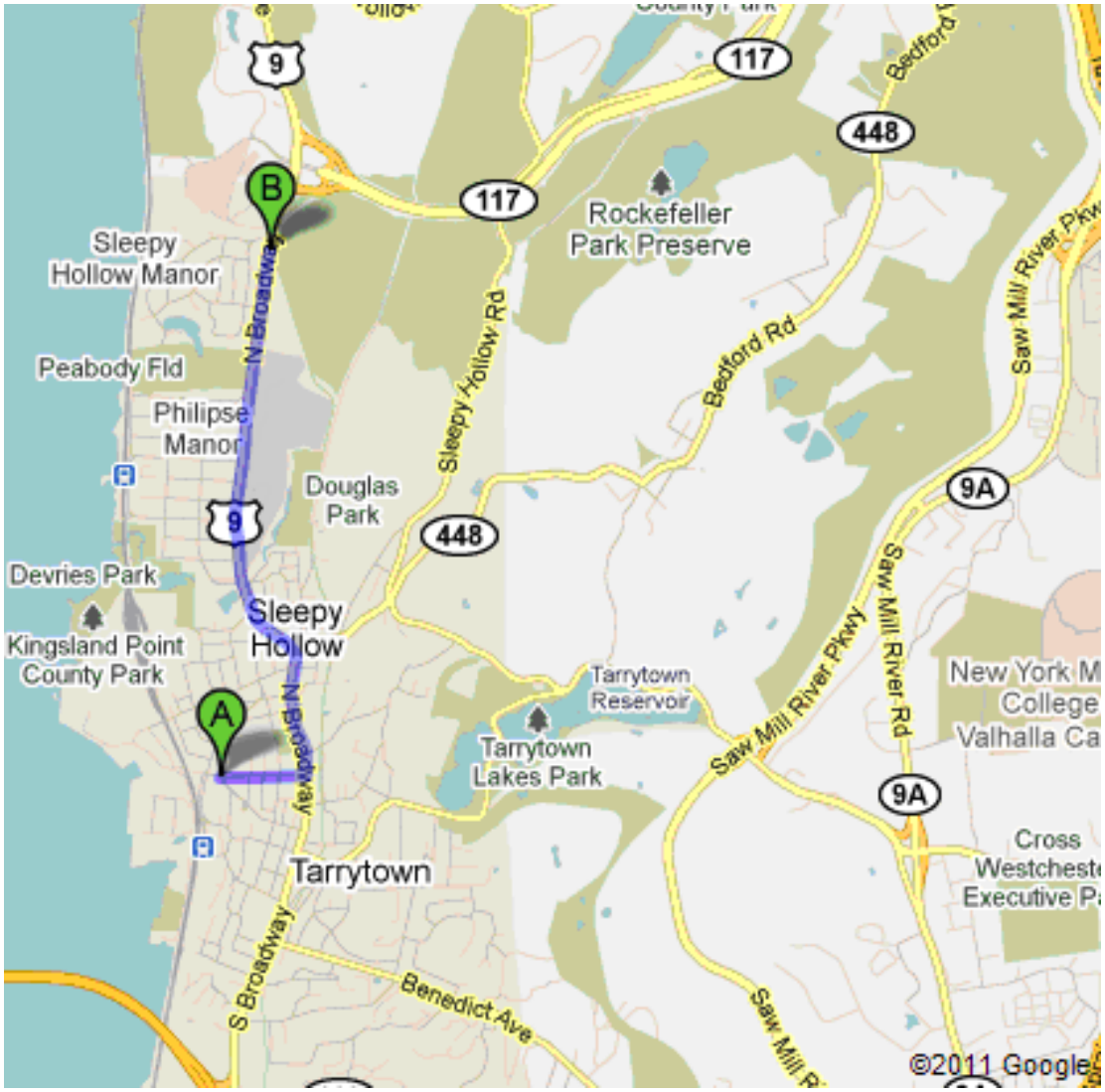
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York
(Post On-Site)

Agency	Contact	Phone Number
Police	Dispatcher	911
Fire	Dispatcher	911
EMS/Ambulance	Dispatcher	911
Hospital	Phelps Memorial Hospital Center 701 Broadway Sleepy Hollow, New York	914-366-3000
Owner's Representative	Guy Saccento, Acadia Tarrytown, LLC	914-288-8100
NYSDEC	Spill Hotline	(800) 457-7362 or (518) 457-7362
NYSDEC	Janet Brown	(845) 256-3826
NYSDOH	Nate Walz	(5180 402-7880
USEPA Regional Office	Region II	(908) 750-7172
CHEMTREC	Spill Response	(800) 424-9900
Poison Control Center	Hotline	(800) 343-2722
DIRECTIONS TO HOSPITAL: (See Attached Map)	Phelps Memorial Hospital is ***located approximately 2.2 miles (6 minutes) from the site*** at 701 Broadway, Sleepy Hollow, New York. FROM THE SITE: Head east on Wildey Street toward Valley Street for 0.3 mile. Turn left at U.S. Route 9 (a.k.a Broadway) for 1.3 miles. End at 701 Broadway.	

EXAMPLE

MAP TO HOSPITAL

Phelps Memorial Hospital Center
701 Broadway, Sleep Hollow
New York, New York 10591
914-366-3000



DIRECTIONS FROM SITE: Head east on Wildey Street toward Valley Street for 0.3 mile. Turn left at U.S. Route 9 (a.k.a Broadway) for 1.3 miles. End at 701 Broadway.

EXAMPLE

ATTACHMENT C
Spill Prevention & Response Plan

EXAMPLE

ATTACHMENT C
Spill Prevention and Response Plan

1.0 SPILL EMERGENCY NUMBERS

The names and phone numbers of emergency services and offices to be contacted in the event of a spill or other on-site emergency is provided in Attachment B of this HASP on page B-7. This table will be posted on site.

2.0 DEFINITION

For the purposes of this plan, spills are defined as any material accidentally or intentionally leaked, pumped, poured, dumped, or emitted onto the ground, surface water, groundwater, or air. All spilled material will be considered hazardous; cleaned up following established spill response procedures; and reported as described in Section 4.0 of this plan.

Spills will be categorized in one of two ways: Priority 1 or Priority 2.

- ***Priority 1 spills*** result in a significant release of contamination into the air or onto the ground outside the exclusion zone.
- ***Priority 2 spills*** result in minor spillage (less than five [5] gallons) which can be cleaned up easily.

3.0 POTENTIAL SOURCES & PREVENTATIVE MEASURES

Potential spill sources include, but are not necessarily limited to, the following:

Potential Spill Source	Preventative Measure(s)
Refueling On-Site Equipment	Prohibit the long-term storing of diesel fuel. Limit the amount of fuel kept on site to only that required for weekly equipment usage.
General Spill Prevention Requirements:	Easily accessible spill response stations will be set up containing absorbent pillows, floor dry, shovels, and brushes to be used in the event of a spillage. The location of these stations will be known to all site personnel.
	Chemically rated fire extinguishers will be placed in key locations known to all site personnel.

4.0 SPILL RESPONSE PROCEDURES

The following procedures will be utilized in the event of a spill or release at the project site.

4.1 Initial Containment & Response

In the event of a spill, the following initial containment and response procedures must be implemented immediately.

1. ***Administer first aid to injured/contaminated persons.*** Any worker observing a spill will act immediately to remove and/or protect injured/contaminated persons from any life- threatening situation. First aid and/or decontamination procedures will be implemented as appropriate (see Emergency Action Plan, Attachment B, Section 12.0).

2. ***Warn unsuspecting persons/vehicles of the hazard.*** Personnel will act to prevent any unsuspecting persons from coming in contact with spilled materials by alerting other nearby persons and by obtaining assistance of other project personnel who are familiar with spill control and cleanup techniques.

3. ***Stop the spill at the source, if possible.*** Without taking unnecessary risks, personnel will attempt to stop the spill at the source. This may involve activities such as uprighting a drum, closing a valve, or temporarily sealing a hole with a plug. Project personnel will not expend more than a brief effort prior to notifying the SHSO.

4. ***Notify the SHSO.*** Utilizing available on-site communication systems or other rapid communication procedures, the SHSO will be notified of the spill, including information on material spilled, quantity, personnel injuries, and immediate life-threatening hazards.

NOTE: If a flammable liquid is involved in the spill, remove all ignition sources and monitor for explosive conditions with an explosimeter during the clean-up. Also, remove any surrounding materials that might chemically react with the spill materials.

4.2 Spill Containment

The SHSO will make a rapid assessment of any spill occurring at the project site; apply the appropriate safety considerations to the use of protective clothing and equipment in the spill release zone; and direct primary containment measures.

Depending upon the nature of the spill, primary containment measures may include, but are not limited to:

- Constructing a temporary containment berm to control the horizontal flow of the spill using absorbent pads, booms, sandbags, sand, and/or other inert materials;

- Placing drums under the leak to collect the spilling material before it flows onto the ground;

- Digging a sump, installing a polyethylene liner, and diverting the spilled material to the sump; and/or

- Transferring the material from its original container to another container.

The SHSO will notify Whitestone's project representative about the spill and steps taken to institute primary containment.

4.3 Spill Clean-Up

The SHSO and the clients's project representative will develop an incident-specific spill clean-up plan which takes into consideration associated hazards, quantity of spilled material, disposal methods, and costs. The incident-specific spill clean-up plan will be reviewed for acceptance by the Client's Representative and/or other involved federal, state, or local oversight personnel.

Once approved, the spill clean-up plan will be implemented under the direct supervision of the on-site contractor's Site Supervisor.

Generally, all visually detectable spills, leaks, or releases of fuel oil will be collected and cleaned up using absorbent pads, booms, sandbags, sand, and/or other inert materials as practicable using the response procedures outlined below.

Spill Type	Response
Waste Oil on Ground	Contain spill and excavate visually contaminated soil. Containerize, sample for classification purposes, and dispose off-site.
Building/Paved Surfaces	Contain spill. Power wash contaminated area. Collect and containerize resultant washwater. Sample for classification purposes. Off-site dispose.
Vehicle	Power wash. Collect, handle, and dispose of decon fluids.
Waste from Truck Spilled on Roadway	Contain spilled material. Collect, containerize, and remove spilled material. Sample for waste classification purposes. Dispose off site.

4.4 Inspection

The client's project representative and the on-site contractor's SHSO will jointly inspect the spill site to determine that the spill has been cleaned up to the satisfaction of the client and/or involved regulatory agencies.

4.5 Spill Reporting

In the event of an incident, the SHSO will:

1. Immediately contact the client's project representative.

2. Initiate the emergency procedure steps provided in Sections 4.1 and 4.2 of this Plan, and

3. Complete a Spill Report Form (Appendix A) for submittal to the client's project representative.

Priority 1 spills will be reported immediately following the incident. A written report will be submitted not more than seven days after the telephone call reporting the occurrence. The written report will include the item spilled, quantity, identification and manifest numbers, whether the amount spilled is EPA/State/District reportable, exact location, containment procedures used, anticipated clean-up and disposal procedures, and disposal of spill residue.

5.0 EQUIPMENT

The type of equipment which may be utilized for spill prevention procedures is identified below.

- Spill (absorbent) pads;
- Floor dry;
- Shovels and brushes;
- Salvage drums;
- Polyethylene sheeting;
- Sandbags;
- Pneumatic foam;
- Emergency eye wash station;
- Emergency decontamination equipment; and/or
- Fire extinguishers.

APPENDIX B
Metes and Bounds

CONTROL POINT ASSOCIATES, INC.
traditional methods | modern approaches

35 Technology Drive
Warren NJ, 07059
Tel. 908.668.0099
Fax. 908.668.9595
www.cpasurvey.com

AUGUST 16, 2011
C03214.01

ENVIRONMENTAL EASEMENT DESCRIPTION
(SITE ID 360084)
METES AND BOUNDS DESCRIPTION
LOTS P-25 & P-25B, SHEET 2, SECTION 1
VILLAGE OF TARRYTOWN (TOWN OF GREENBURGH)
WESTCHESTER COUNTY, NEW YORK

ALL THAT CERTAIN PARCEL OF LAND SITUATED AND LYING IN THE VILLAGE OF TARRYTOWN (TOWN OF GREENBURGH), WESTCHESTER COUNTY, NEW YORK, BEING KNOWN AS LOTS P-25 & P-25B AS SHOWN ON SHEET 2 OF SECTION 1 OF THE TAX MAP OF THE VILLAGE OF TARRYTOWN (TOWN OF GREENBURGH), WESTCHESTER COUNTY, NEW YORK, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT FORMED BY THE INTERSECTION OF THE EASTERLY SIDELINE OF CORTLANDT STREET (A.K.A. FRANKLIN STREET - VARIABLE WIDTH RIGHT-OF-WAY) WITH THE DIVIDING LINE BETWEEN LOT P-25B AND LOT P-3, SHEET 2, SECTION 1, SAID POINT ALSO BEING MEASURED 508.35 FEET SOUTHERLY ON VARIOUS COURSES ALONG THE EASTERLY SIDELINE OF CORTLANDT STREET FROM THE SOUTHERLY TERMINUS OF A CURVE CONNECTING THE EASTERLY SIDELINE OF CORTLANDT STREET WITH THE SOUTHERLY SIDELINE OF WILDEY STREET (VARIABLE WIDTH RIGHT-OF-WAY) AND FROM SAID BEGINNING POINT RUNNING, THENCE; ALONG THE EASTERLY SIDELINE OF CORTLANDT STREET THE FOLLOWING THREE (3) COURSES:

1. NORTH 01 DEGREE - 42 MINUTES - 20 SECONDS EAST, A DISTANCE OF 28.84 FEET TO A POINT OF CURVATURE, THENCE;

2. ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 416.00 FEET, TURNING A CENTRAL ANGLE OF 13 DEGREES - 24 MINUTES - 54 SECONDS, AN ARC LENGTH OF 97.40 FEET, THE CHORD OF WHICH BEARS NORTH 08 DEGREES - 24 MINUTES - 47 SECONDS EAST, A CHORD DISTANCE OF 97.18 FEET TO A POINT OF TANGENCY, THENCE;

3. NORTH 15 DEGREES - 07 MINUTES - 15 SECONDS EAST, A DISTANCE OF 113.66 FEET TO A POINT, THENCE; ALONG THE DIVIDING LINE BETWEEN LOT P-25 AND LOT P-25A, SHEET 2, SECTION 1 THE FOLLOWING FOUR (4) COURSES:

4. SOUTH 69 DEGREES - 50 MINUTES - 53 SECONDS EAST, A DISTANCE OF 77.53 FEET TO A POINT, THENCE;

5. NORTH 20 DEGREES - 09 MINUTES - 07 SECONDS EAST, A DISTANCE OF 167.00 FEET TO A POINT, THENCE;

6. SOUTH 69 DEGREES - 50 MINUTES - 53 SECONDS EAST, A DISTANCE OF 16.58 FEET TO A POINT, THENCE;

7. NORTH 20 DEGREES - 09 MINUTES - 07 SECONDS EAST, A DISTANCE OF 110.00 FEET TO A POINT ON THE SOUTHERLY SIDELINE OF WILDEY STREET, THENCE; ALONG THE SOUTHERLY SIDELINE OF WILDEY STREET (VARIABLE WIDTH RIGHT-OF-WAY), THE FOLLOWING TWO (2) COURSES:

8. SOUTH 69 DEGREES - 50 MINUTES - 53 SECONDS EAST, A DISTANCE OF 98.32 FEET TO A POINT OF CURVATURE, THENCE;

9. ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 95.00 FEET, TURNING A CENTRAL ANGLE OF 46 DEGREES - 56 MINUTES - 25 SECONDS, AN ARC LENGTH OF 77.83 FEET, THE CHORD OF WHICH BEARS SOUTH 46 DEGREES - 22 MINUTES - 40 SECONDS EAST, A CHORD DISTANCE OF 75.67 FEET TO A POINT OF TANGENCY, THENCE; ALONG THE SOUTHWESTERLY SIDELINE OF CENTRAL AVENUE (VARIABLE WIDTH RIGHT-OF-WAY), THE FOLLOWING THREE (3) COURSES:

10. SOUTH 22 DEGREES - 54 MINUTES - 22 SECONDS EAST, A DISTANCE OF 112.04 FEET TO A POINT OF CURVATURE, THENCE;

11. ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 334.00 FEET, TURNING A CENTRAL ANGLE OF 20 DEGREES - 07 MINUTES - 38 SECONDS, AN ARC LENGTH OF 117.33 FEET, THE CHORD OF WHICH BEARS SOUTH 32 DEGREES - 58 MINUTES - 11 SECONDS EAST, A CHORD DISTANCE OF 116.73 FEET TO A POINT OF REVERSE CURVATURE, THENCE;

12. ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 44.00 FEET, TURNING A CENTRAL ANGLE OF 55 DEGREES - 51 MINUTES - 01 SECOND, AN ARC LENGTH OF 42.89 FEET, THE CHORD OF WHICH BEARS SOUTH 15 DEGREES - 06 MINUTES - 30 SECONDS EAST, A CHORD DISTANCE OF 41.21 FEET TO A POINT OF TANGENCY, THENCE;

13. ALONG THE WESTERLY SIDELINE OF COTTAGE STREET (A.K.A. COTTAGE PLACE, VARIABLE WIDTH RIGHT-OF-WAY), SOUTH 12 DEGREES - 49 MINUTES - 20 SECONDS WEST, A DISTANCE OF 13.56 FEET TO A POINT, THENCE; ALONG THE DIVIDING LINE BETWEEN LOT P-25B, LOT P-11 AND LOT P-6E, SHEET 2, SECTION 1, THE FOLLOWING TWO (2) COURSES:

14. NORTH 73 DEGREES - 35 MINUTES - 40 SECONDS WEST, A DISTANCE OF 27.64 FEET TO A POINT, THENCE;

15. NORTH 59 DEGREES - 41 MINUTES - 10 SECONDS WEST, A DISTANCE OF 51.46 FEET TO A POINT, THENCE;

16. ALONG THE COMMON DIVIDING LINE BETWEEN LOT P-25B, LOT P-6E AND LOT P-6D, SHEET 2, SECTION 1, SOUTH 33 DEGREES - 15 MINUTES - 24 SECONDS WEST, A DISTANCE OF 84.29 FEET TO A POINT, THENCE;

17. ALONG THE COMMON DIVIDING LINE BETWEEN LOT P-25B, LOT P-6D AND LOT P-6C, SHEET 2, SECTION 1, SOUTH 08 DEGREES - 21 MINUTES - 21 SECONDS WEST, A DISTANCE OF 108.91 FEET TO A POINT, THENCE;

18. ALONG THE COMMON DIVIDING LINE BETWEEN LOT P-25B, LOT P-1 AND LOT P-3, SHEET 2, SECTION 1, NORTH 86 DEGREES - 25 MINUTES - 00 SECONDS WEST, A DISTANCE OF 358.16 FEET TO THE POINT AND PLACE OF BEGINNING.

CONTAINING 141,596 SQUARE FEET OR 3.250 ACRES

THIS DESCRIPTION IS PREPARED WITH REFERENCE TO A TITLE REPORT PREPARED BY NEW YORK LAND SERVICES, AGENT FOR COMMONWEALTH LAND TITLE INSURANCE COMPANY, TITLE NUMBER 11NYW11645 WITH AN EFFECTIVE DATE OF JANUARY 3, 2011.

CONTROL POINT ASSOCIATES, INC.

STATE OF NEW YORK
JAMES C. WEED
050765
LICENSED LAND SURVEYOR

8-16-11

JAMES C. WEED, DATE
STATE OF NEW YORK
PROFESSIONAL LAND SURVEYOR #50765

P:\surveys\2003\C03214\C03214.01\M&B\s\M&B-Lot 1 P-25 & P 25B 8-16-11.doc
Prepared By: _____
Reviewed By: _____

RECORD DESCRIPTION
LOTS P-25 & P-25B, SHEET 2, SECTION 1
VILLAGE OF TARRYTOWN (TOWN OF GREENBURGH)
WESTCHESTER COUNTY, NEW YORK

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE VILLAGE OF TARRYTOWN, TOWN OF GREENBURGH, COUNTY OF WESTCHESTER AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT THE POINT ON THE EASTERLY SIDE OF CORTLANDT STREET WHERE THE SAME IS INTERSECTED BY THE NORTHERLY LINE OF THE LAND NOW OR FORMERLY OF THE VILLAGE OF TARRYTOWN;

RUNNING THENCE ALONG THE EASTERLY SIDE OF CORTLANDT STREET, THE FOLLOWING COURSES AND DISTANCES AND CURVES:

- NORTH 01 DEGREES 42 MINUTES 20 SECONDS EAST, 28.84 FEET TO A POINT OF CURVE;
- ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 416.00 FEET, A DISTANCE OF 97.40 FEET TO A POINT OF TANGENCY;
- NORTH 15 DEGREES 07 MINUTES 15 SECONDS EAST, 113.66 FEET;

THENCE THE FOLLOWING COURSES AND DISTANCES:

- SOUTH 69 DEGREES 50 MINUTES 53 SECONDS EAST, 77.53 FEET;
- NORTH 20 DEGREES 09 MINUTES 07 SECONDS EAST, 167.00 FEET;
- SOUTH 69 DEGREES 50 MINUTES 53 SECONDS EAST, 16.58 FEET, AND
- NORTH 20 DEGREES 09 MINUTES 07 SECONDS EAST, 110.00 FEET TO THE SOUTHERLY SIDE OF WILDEY STREET;

THENCE ALONG THE SOUTHERLY SIDE OF WILDEY STREET, SOUTH 69 DEGREES 50 MINUTES 53 SECONDS EAST, 98.32 FEET TO A POINT OF CURVE;

THENCE ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 95.00 FEET, A DISTANCE OF 77.83 FEET TO THE SOUTHWESTERLY SIDE OF CENTRAL AVENUE;

THENCE ALONG THE SOUTHWESTERLY SIDE OF CENTRAL AVENUE, SOUTH 22 DEGREES 54 MINUTES 22 SECONDS EAST, 112.04 FEET TO A POINT OF CURVE AND ALONG A CURVE TO THE LEFT HAVING A RADIUS OF 334.00 FEET, A DISTANCE OF 117.33 FEET TO A POINT OF REVERSE CURVE;

THENCE ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 44.00 FEET, A DISTANCE OF 42.89 FEET TO A POINT ON THE WESTERLY SIDE OF COTTAGE PLACE;

THENCE ALONG THE WESTERLY SIDE OF COTTAGE PLACE, SOUTH 12 DEGREES 49 MINUTES 20 SECONDS WEST, 13.56 FEET TO THE NORTHERLY LINE OF LAND NOW OR FORMERLY OF MOTEN;

THENCE ALONG THE SAID NORTHERLY LINE OF LAND NOW OR FORMERLY OF MOTEN, NORTH 73 DEGREES 35 MINUTES 40 SECONDS WEST, 27.64 FEET AND NORTH 59 DEGREES 41 MINUTES 10 DEGREES WEST, 51.46 FEET TO THE WESTERLY LINE OF SAID LAND NOW OR FORMERLY OF MOTEN;

THENCE IN PART ALONG THE WESTERLY LINE OF LAND NOW OR FORMERLY OF MOTEN AND IN PART ALONG THE WESTERLY LINE OF LAND NOW OR FORMERLY OF MONTI, SOUTH 33 DEGREES 15 MINUTES 24 SECONDS WEST, 84.29 FEET TO A POINT;

THENCE CONTINUING IN PART ALONG THE WESTERLY LINE OF LAND NOW OR FORMERLY OF MONTI AND IN PART ALONG THE WESTERLY LINE OF LAND NOW OR FORMERLY OF ALPINE, SOUTH 08 DEGREES 21 MINUTES 21 SECONDS WEST, 108.91 FEET TO THE NORTHERLY LINE OF LAND NOW OR FORMERLY OF ASBURY TERRACE;

THENCE IN PART ALONG THE NORTHERLY LINE OF LAND NOW OR FORMERLY OF ASBURY TERRACE AND IN PART ALONG THE NORTHERLY LINE OF LAND NOW OR FORMERLY OF THE VILLAGE OF TARRYTOWN, NORTH 86 DEGREES 25 MINUTES 00 SECONDS WEST, 358.16 FEET TO THE EASTERLY SIDE OF CORTLANDT STREET AND THE POINT OR PLACE OF BEGINNING.

TOGETHER WITH THE BENEFITS AND SUBJECT TO THE BURDENS OF AN EASEMENT CONTAINED IN INSTRUMENT RECORDED IN LIBER 7295 PAGE 427 AND MODIFIED BY INSTRUMENT IN LIBER 7588 PAGE 568.

ENVIRONMENTAL EASEMENT DESCRIPTION
(SITE ID 360084)
METES AND BOUNDS DESCRIPTION
LOTS P-25 & P-25B, SHEET 2, SECTION 1
VILLAGE OF TARRYTOWN (TOWN OF GREENBURGH)
WESTCHESTER COUNTY, NEW YORK

ALL THAT CERTAIN PARCEL OF LAND SITUATED AND LYING IN THE VILLAGE OF TARRYTOWN (TOWN OF GREENBURGH), WESTCHESTER COUNTY, NEW YORK, BEING KNOWN AS LOTS P-25 & P-25B AS SHOWN ON SHEET 2 OF SECTION 1 OF THE TAX MAP OF THE VILLAGE OF TARRYTOWN (TOWN OF GREENBURGH), WESTCHESTER COUNTY, NEW YORK, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT FORMED BY THE INTERSECTION OF THE EASTERLY SIDELINE OF CORTLANDT STREET (A.K.A. FRANKLIN STREET – VARIABLE WIDTH RIGHT-OF-WAY) WITH THE DIVIDING LINE BETWEEN LOT P-25B AND LOT P-3, SHEET 2, SECTION 1, SAID POINT ALSO BEING MEASURED 508.35 FEET SOUTHERLY ON VARIOUS COURSES ALONG THE EASTERLY SIDELINE OF CORTLANDT STREET FROM THE SOUTHERLY TERMINUS OF A CURVE CONNECTING THE EASTERLY SIDELINE OF CORTLANDT STREET WITH THE SOUTHERLY SIDELINE OF WILDEY STREET (VARIABLE WIDTH RIGHT-OF-WAY) AND FROM SAID BEGINNING POINT RUNNING, THENCE; ALONG THE EASTERLY SIDELINE OF CORTLANDT STREET THE FOLLOWING THREE (3) COURSES:

1. NORTH 01 DEGREE – 42 MINUTES – 20 SECONDS EAST, A DISTANCE OF 28.84 FEET TO A POINT OF CURVATURE, THENCE;
2. ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 416.00 FEET, TURNING A CENTRAL ANGLE OF 13 DEGREES – 24 MINUTES – 54 SECONDS, AN ARC LENGTH OF 97.40 FEET, THE CHORD OF WHICH BEARS NORTH 08 DEGREES – 24 MINUTES – 47 SECONDS EAST, A CHORD DISTANCE OF 97.18 FEET TO A POINT OF TANGENCY, THENCE;
3. NORTH 15 DEGREES – 07 MINUTES – 15 SECONDS EAST, A DISTANCE OF 113.66 FEET TO A POINT, THENCE; ALONG THE DIVIDING LINE BETWEEN LOT P-25 AND LOT P- 25A, SHEET 2, SECTION 1 THE FOLLOWING FOUR (4) COURSES:
4. SOUTH 69 DEGREES – 50 MINUTES – 53 SECONDS EAST, A DISTANCE OF 77.53 FEET TO A POINT, THENCE;
5. NORTH 20 DEGREES – 09 MINUTES – 07 SECONDS EAST, A DISTANCE OF 167.00 FEET TO A POINT, THENCE;
6. SOUTH 69 DEGREES – 50 MINUTES – 53 SECONDS EAST, A DISTANCE OF 16.58 FEET TO A POINT, THENCE;
7. NORTH 20 DEGREES – 09 MINUTES – 07 SECONDS EAST, A DISTANCE OF 110.00 FEET TO A POINT ON THE SOUTHERLY SIDELINE OF WILDEY STREET, THENCE; ALONG THE SOUTHERLY SIDELINE OF WILDEY STREET (VARIABLE WIDTH R.O.W.) THE FOLLOWING TWO (2) COURSES:
8. SOUTH 69 DEGREES – 50 MINUTES – 53 SECONDS EAST, A DISTANCE OF 98.32 FEET TO A POINT OF CURVATURE, THENCE;
9. ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 95.00 FEET, TURNING A CENTRAL ANGLE OF 46 DEGREES – 56 MINUTES – 25 SECONDS, AN ARC LENGTH OF 77.83 FEET, THE CHORD OF WHICH BEARS SOUTH 46 DEGREES – 22 MINUTES – 40 SECONDS EAST, A CHORD DISTANCE OF 75.67 FEET TO A POINT OF TANGENCY, THENCE; ALONG THE SOUTHWESTERLY SIDELINE OF CENTRAL AVENUE (VARIABLE WIDTH RIGHT-OF-WAY), THE FOLLOWING THREE (3) COURSES:
10. SOUTH 22 DEGREES – 54 MINUTES – 22 SECONDS EAST, A DISTANCE OF 112.04 FEET TO A POINT OF CURVATURE, THENCE;
11. ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 334.00 FEET, TURNING A CENTRAL ANGLE OF 20 DEGREES – 07 MINUTES – 38 SECONDS, AN ARC LENGTH OF 117.33 FEET, THE CHORD OF WHICH BEARS SOUTH 32 DEGREES – 58 MINUTES – 11 SECONDS EAST, A CHORD DISTANCE OF 116.73 FEET TO A POINT OF REVERSE CURVATURE, THENCE;
12. ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 44.00 FEET, TURNING A CENTRAL ANGLE OF 55 DEGREES – 51 MINUTES – 01 SECOND, AN ARC LENGTH OF 42.89 FEET, THE CHORD OF WHICH BEARS SOUTH 15 DEGREES – 06 MINUTES – 30 SECONDS EAST, A CHORD DISTANCE OF 41.21 FEET TO A POINT OF TANGENCY, THENCE;
13. ALONG THE WESTERLY SIDELINE OF COTTAGE STREET (A.K.A. COTTAGE PLACE, VARIABLE WIDTH RIGHT-OF-WAY), SOUTH 12 DEGREES – 49 MINUTES – 20 SECONDS WEST, A DISTANCE OF 13.56 FEET TO A POINT, THENCE; ALONG THE DIVIDING LINE BETWEEN LOT P-25B, LOT P-11 AND LOT P-6E, SHEET 2, SECTION 1 THE FOLLOWING TWO (2) COURSES:
14. NORTH 73 DEGREES – 35 MINUTES – 40 SECONDS WEST, A DISTANCE OF 27.64 FEET TO A POINT, THENCE;
15. NORTH 59 DEGREES – 41 MINUTES – 10 SECONDS WEST, A DISTANCE OF 51.46 FEET TO A POINT, THENCE;
16. ALONG THE COMMON DIVIDING LINE BETWEEN LOT P-25B, LOT P-6E AND LOT P-6D, SHEET 2, SECTION 1, SOUTH 33 DEGREES – 15 MINUTES – 24 SECONDS WEST, A DISTANCE OF 84.29 FEET TO A POINT, THENCE;
17. ALONG THE COMMON DIVIDING LINE BETWEEN LOT P-25B, LOT P-6D AND LOT P-6C, SHEET 2, SECTION 1, SOUTH 08 DEGREES – 21 MINUTES – 21 SECONDS WEST, A DISTANCE OF 108.91 FEET TO A POINT, THENCE;
18. ALONG THE COMMON DIVIDING LINE BETWEEN LOT P-25B, LOT P-1 AND LOT P-3, SHEET 2, SECTION 1, NORTH 86 DEGREES – 25 MINUTES – 00 SECONDS WEST, A DISTANCE OF 358.16 FEET TO THE POINT AND PLACE OF BEGINNING.

BEING THE SAME PREMISES AS DESCRIBED IN THE RECORD DESCRIPTION.

CONTAINING 141,596 SQUARE FEET OR 3.250 ACRES.

THIS DESCRIPTION IS PREPARED WITH REFERENCE TO A TITLE REPORT PREPARED BY NEW YORK LAND SERVICES, AGENT FOR COMMONWEALTH LAND TITLE INSURANCE COMPANY, TITLE NUMBER 11NYW11645, WITH AN EFFECTIVE DATE OF JANUARY 3, 2011.

LEGEND

- HYDRANT
- WV — WATER VALVE
- GV — GAS VALVE
- OH — OVERHEAD WIRES
- G — UNCONFIRMED LOC. UNDERGROUND GAS LINE
- W — UNCONFIRMED LOC. UNDERGROUND WATER LINE
- T — UNCONFIRMED LOC. UNDERGROUND TEL. LINE
- E — UNCONFIRMED LOC. UNDERGROUND ELEC. LINE
- S — UNCONFIRMED LOC. UNDERGROUND STORM SEWER LINE
- UTILITY POLE
- GUY WIRE
- TRAFFIC SIGNAL
- LIGHT POLE
- AREA LIGHT
- SIGN
- DENOTES PARKING SPACE COUNT
- DENOTES TREE & TRUNK SIZE
- (5b) — TITLE REPORT EXCEPTION
- PARKING METER
- BOLLARD
- WOOD GUIDE RAIL
- PAY PHONE
- GAS METER
- L.S.A. — LANDSCAPED AREA
- E.O.P. — EDGE OF PAVEMENT
- DEP. CURB — DEPRESSED CURB
- C.L.F. — CHAIN LINK FENCE
- PAINTED ARROWS
- ENVIRONMENTAL EASEMENT AREA

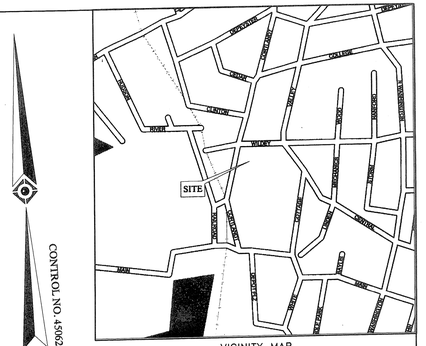
RESTRICTED RETAIL ZONE (RR)
ZONING REQUIREMENTS
SOURCE–VILLAGE OF TARRYTOWN ZONING BOARD

BULK REQUIREMENTS	REQUIRED
MIN. LOT SIZE	5,000'
MIN. FRONTAGE	50'
MIN. BLDG. SETBACKS	
MIN. FRONT YARD	15'
MIN. SIDE YARD	8', BOTH 18'
MIN. REAR YARD	28'
MAX. BUILDING HEIGHT	2 STORIES (25')
MAX. PRINCIPAL BUILDING COVERAGE	50%
MAX. TOTAL BUILDING COVERAGE	50%
MAX. FLOOR AREA RATIO	REVISED–NOT PUBLISHED AS OF 10–16–2007

NOTE: ZONING INFORMATION PROVIDED FOR REFERENCE ONLY. IN DEPTH ZONING ANALYSIS WAS NOT PERFORMED AS PART OF THIS SURVEY.

ZONING INFORMATION SHOULD BE CONFIRMED WITH THE VILLAGE OF TARRYTOWN PRIOR TO USE

PARKING SPACE COUNT:
REGULAR=172
HANDICAPPED=8
TOTAL=180



VICINITY MAP
©1997 DeLorme. Street Atlas USA

NOTES:

1. PROPERTY KNOWN AS LOTS P-25 & P-25B, SECTION 1, SHEET 2, AS IDENTIFIED ON THE TAX MAP OF THE VILLAGE OF TARRYTOWN, TOWN OF GREENBURGH, WESTCHESTER COUNTY, NEW YORK.
2. AREA = 141,596 S.F. OR 3.250 ACRES
3. LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. ALL LOCATIONS AND SIZES ARE BASED ON UTILITY MARK-OUTS, ABOVE GROUND STRUCTURES THAT WERE VISIBLE & ACCESSIBLE IN THE FIELD, AND THE MAPS AS LISTED IN THE REFERENCES AVAILABLE AT THE TIME OF THE SURVEY. AVAILABLE ASBUILT PLANS AND UTILITY MARKOUT DOES NOT ENSURE MAPPING OF ALL UNDERGROUND UTILITIES AND STRUCTURES. BEFORE ANY EXCAVATION IS TO BEGIN, ALL UNDERGROUND UTILITIES SHOULD BE VERIFIED AS TO THEIR LOCATION, SIZE AND TYPE BY THE PROPER UTILITY COMPANIES.
4. THIS PLAN IS BASED ON INFORMATION PROVIDED BY A SURVEY PREPARED IN THE FIELD BY CONTROL POINT ASSOCIATES, INC. AND OTHER REFERENCE MATERIAL AS LISTED HEREON.
5. THIS SURVEY IS PREPARED WITH REFERENCE TO A TITLE REPORT PREPARED BY NEW YORK LAND SERVICES, AGENT FOR COMMONWEALTH LAND TITLE INSURANCE COMPANY, TITLE NO. 11NYW11645, WITH AN EFFECTIVE DATE OF JANUARY 3, 2011 WHERE THE FOLLOWING SURVEY RELATED EXCEPTIONS APPEAR IN SCHEDULE B:
   - (5a) COVENANTS, CONDITIONS, AGREEMENTS AND RESTRICTIONS SET FORTH IN BOUNDARY LINE AGREEMENT IN LIBER 150, PG. 96 AND LIBER 426, PG. 347 – UNABLE TO PLOT, DESCRIPTION VAGUE, DOCUMENTS ILLEGIBLE.
   - (5b) TERMS, COVENANTS, RESTRICTIONS, REVERSION, EASEMENTS AND CONDITIONS WITH RIGHT OF REVERTER AS SET FORTH IN:
     - LIBER 7295, PG. 427 – DEED OF SALE FROM TARRYTOWN URBAN RENEWAL AGENCY TO ROBERT MARTIN CORP. FOR P-25, P-25A & P-25B.
     - LIBER 7349, PG. 765 – VEHICULAR AND PEDESTRIAN INGRESS AND EGRESS EASEMENT IN FAVOR OF P-25A – SHOWN
     - LIBER 7588, PG. 568 AND LIBER 8032, PG. 248 – CERTIFICATE OF COMPLETION FOR LOT P-25
   - (5c) COVENANTS AND EASEMENTS SET FORTH IN LIBER 7349, PG. 570; AS MODIFIED IN LIBER 7651, PG. 385; AND LIBER 7699, PG. 690 AND LIBER 7883, PG. 274 – MAINTENANCE AGREEMENT – SHOWN
6. THE EXISTENCE OF UNDERGROUND STORAGE TANKS, IF ANY, WAS NOT KNOWN AT THE TIME OF THE FIELD SURVEY.
7. BY GRAPHIC PLOTTING ONLY, PROPERTY IS LOCATED IN FLOOD HAZARD ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) PER REF. #2.
8. PROPERTY IS LOCATED IN ZONE RR (RESTRICTED RETAIL DISTRICT) PER VILLAGE OF TARRYTOWN CLERK'S OFFICE.
9. ENCROACHMENTS AND VAULTS, IF ANY, BELOW SURFACE NOT SHOWN HEREON.
10. PER AVAILABLE RECORDS THE SURVEY IDENTIFIES THE CURRENT OWNERS OF PROPERTIES NEAR THE SITE.
11. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLAN, A COPY OF WHICH CAN BE OBTAINED FROM THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233., AND MUST BE MAINTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY.

REFERENCES:

1. THE OFFICIAL TAX MAP OF THE VILLAGE OF TARRYTOWN, TOWN OF GREENBURGH, WESTCHESTER COUNTY, NEW YORK, SECTION 1, SHEET 2.
2. MAP ENTITLED "NATIONAL FLOOD INSURANCE PROGRAM, FIRM, FLOOD INSURANCE RATE MAP, FOR WESTCHESTER COUNTY, NEW YORK, (ALL JURISDICTIONS) CONTAINS: GREENBURGH, TOWN OF–360911, MOUNT PLEASANT, TOWN OF–360919, SLEEPY HOLLOW, VILLAGE OF–360915, TARRYTOWN, VILLAGE OF–360933, PANEL 253 OF 426, MAP SUFFIX: F, MAP NUMBER 36119C0253F, EFFECTIVE DATE SEPTEMBER 28, 2007.
3. GAS MAPS PROVIDED BY CONSOLIDATED EDISON CO. OF N.Y. – WESTCHESTER, PLATE NO. 61–AN–B & 61–AM–D.
4. ELECTRIC PLANS PROVIDED BY CONSOLIDATED EDISON CO. OF N.Y. – WESTCHESTER, PLATE NO. 61–AN–B, 61–AM–D, 61–AN–2 & 61–AM–4.
5. WATER MAP PROVIDED BY TARRYTOWN DPW, DATED 01/04/1991.
6. SEWER MAP PROVIDED BY TARRYTOWN DPW, DATED 01/04/1991.
7. MAP ENTITLED "MAP OF LOTS SURVEYED FOR VINCENT CECCOLINI, VILLAGE OF TARRYTOWN, TOWN OF GREENBURGH, WESTCHESTER COUNTY, N.Y." PREPARED BY WULFF ENGINEERIG CO., DATED 6–12–22, FILED IN THE WESTCHESTER COUNTY CLERK'S OFFICE ON JULY 3, 1922 AS MAP #2418.
8. MAP ENTITLED "SURVEYED FOR JAMES BIRD" DATED FEB. 5, 1907, FILED IN THE WESTCHESTER COUNTY REGISTER'S OFFICE ON SEPT. 30, 1910 IN MAP VOL. 32, PG. 46.
9. MAP ENTITLED "ALTA/ACSM LAND TITLE SURVEY, NODDLE DEVELOPMENT COMPANY, CORTLANDT & WILDEY STREET, LOTS P-25 & P-25B, SECTION 1, VILLAGE OF TARRYTOWN, TOWN OF GREENBURGH, WESTCHESTER COUNTY, NEW YORK," PREPARED BY CONTROL POINT ASSOCIATES, INC., DATED 7–11–03, LAST REVISED 2–14–05 AS REVISION NO. 3, FILE NO. C03214.

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
6 0 3 6 12 18 24 30
(IN METERS)

UTILITIES:

THE FOLLOWING COMPANIES WERE NOTIFIED BY THE NEW YORK STATE ONE CALL SYSTEM (1–800–272–4480) AND REQUESTED TO MARK OUT UNDERGROUND FACILITIES AFFECTING AND SERVICING THIS SITE. THE UNDERGROUND UTILITY INFORMATION SHOWN HEREON IS BASED UPON THE UTILITY COMPANIES RESPONSE TO THIS REQUEST. SERIAL NUMBER(S): 06173–012–001, 06173–012–002, 06173–012–003 **(2003 MARKOUT)**

UTILITY COMPANY	PHONE NUMBER
CABLEVISION	(845) 624–8000
CON EDISON	(914) 993–2100
MCI	(914) 328–4612
VERIZON	(914) 773–4200
VILLAGE OF SLEEPY HOLLOW WATER & SEWER	(914) 631–0533
VILLAGE OF TARRYTOWN WATER & SEWER	(914) 631–7873
WESTCHESTER COUNTY SEWER	(914) 995–2547

STOP CALL BEFORE YOU DIG!
THE STATE OF NEW YORK REQUIRES NOTIFICATION BY EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE.

NOTE: PHYSICAL FEATURES SHOWN ARE THOSE EXISTING ON JUNE 17, 2008 AND MAY NOT REFLECT CURRENT CONDITIONS.

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

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.

TO:
ACADIA TARRYTOWN LLC
NEW YORK LAND SERVICES, A LANDAMERICA COMPANY
COMMONWEALTH LAND TITLE INSURANCE COMPANY
ANGLO IRISH BANK CORPORATION PLC
SULLIVAN & WORCESTER LLP
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT WAS BASED WERE MADE IN ACCORDANCE WITH "MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS", JOINTLY ESTABLISHED AND ADOPTED BY ALTA, AND NSPS IN 2005, AND INCLUDES ITEMS 2, 3, 4, 6, 8, 9, 10, 11(a) & 13 OF TABLE A THEREOF. PURSUANT TO THE ACCURACY STANDARDS AS ADOPTED BY ALTA AND NSPS AND IN EFFECT ON THE DATE OF THIS CERTIFICATION, UNDERSIGNED FURTHER CERTIFIES THAT IN MY PROFESSIONAL OPINION, AS A LAND SURVEYOR REGISTERED IN THE STATE OF NEW YORK, THE RELATIVE POSITIONAL ACCURACY OF THIS SURVEY DOES NOT EXCEED THAT WHICH IS SPECIFIED THEREIN.

NOT A VALID ORIGINAL DOCUMENT UNLESS STAMPED WITH BLUE INK SEAL

JAMES C. WEED
NEW YORK PROFESSIONAL LAND SURVEYOR #050765
6-23-2011
DATE

No.	DESCRIPTION OF REVISION	DRAWN:	APPROVED:	DATE
4	REVISED TITLE BLOCK, NOTES, AND ENVIRONMENTAL EASEMENT DESCRIPTION	B.S.W.	P.J.	6–23–11
3	REVISE PER UPDATED TITLE REPORT AND DEPT. OF ENV. CONSERVATION REQUIREMENTS	E.S.E.	P.J.	2–14–11
2	REVISE TO ADD RECORD DESCRIPTION	T.J.D.	P.J.	10–22–07
1	REVISE PER ATTORNEY REVIEW	T.J.D.	P.J.	10–16–07

FIELD DATE:	6–17–08, 9–25–07
FIELD BOOK NO.:	07–28
FIELD BOOK PG.:	17
DRAWN:	T.J.D./E.S.E.
REVIEWED:	H.C.L./P.J.
APPROVED:	J.C.W.
DATE:	10–2–2007
SCALE:	1"=30'
FILE NO.:	C03214.01/DEC
DWG. NO.:	1 OF 1

ALTA/ACSM LAND TITLE SURVEY
ACADIA TARRYTOWN LLC
124–134 WILDEY STREET
LOTS P–25 & P–25B, SECTION 1, SHEET 2
VILLAGE OF TARRYTOWN, TOWN OF GREENBURGH
WESTCHESTER COUNTY, NEW YORK

CONTROL POINT ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NJ 07059
908.668.0099 – 908.668.9595 FAX
NEW BRITAIN CORPORATE CENTER
1600 MANOR DRIVE, SUITE 120
CHALFONT, PA 18914
215.712.9800 – 215.712.9802 FAX

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APPENDIX C
Environmental Easement

The Office of the Westchester County Clerk: This page is part of the instrument; the County Clerk will rely on the information provided on this page for purposes of indexing this instrument. To the best of submitter's knowledge, the information contained on this Recording and Endorsement Cover Page is consistent with the information contained in the attached document.

511753214EAS002T

Westchester County Recording & Endorsement Page

Submitter Information

Name: Debra Leibler
Address 1: 1311 Mamaroneck Avenue, Suite 260
Address 2:
City/State/Zip: White Plains NY 10605

Phone: 914-288-8166
Fax:
Email: dleibler@acadiarealty.com
Reference for Submitter: Tarrytown Easement

Document Details

Control Number: **511753214**
Document Type: **Easement (EAS)**
Package ID: 20110624000890001001
Document Page Count: **9**
Total Page Count: **10**

Parties

☐ Additional Parties on Continuation page

1st PARTY		2nd PARTY	
1: ACADIA TARRYTOWN LLC	- Other	1: NEW YORK STATE OF	- Other
2:		2:	

Property

☐ Additional Properties on Continuation page

Street Address: 124 WILDEY STREET
City/Town: GREENBURGH
Tax Designation: 1-2-P-25
Village: TARRYTOWN

Cross- References

☐ Additional Cross-Refs on Continuation page

1: 2: 3: 4:

Supporting Documents

1: TP-584

Recording Fees

Statutory Recording Fee:	$40.00
Page Fee:	$50.00
Cross-Reference Fee:	$0.00
Mortgage Affidavit Filing Fee:	$0.00
RP-5217 Filing Fee:	$0.00
TP-584 Filing Fee:	$5.00
Total Recording Fees Paid:	**$95.00**

Transfer Taxes

Consideration:	$0.00
Transfer Tax:	$0.00
Mansion Tax:	$0.00
Transfer Tax Number:	30820

Mortgage Taxes

Document Date:
Mortgage Amount:

Basic:	$0.00
Westchester:	$0.00
Additional:	$0.00
MTA:	$0.00
Special:	$0.00
Yonkers:	$0.00
Total Mortgage Tax:	**$0.00**

Dwelling Type:
Exempt: ☐
Serial #:

RECORDED IN THE OFFICE OF THE WESTCHESTER COUNTY CLERK

Recorded: 06/30/2011 at 01:43 PM
Control Number: **511753214**
Witness my hand and official seal

Timothy C.Idoni
Westchester County Clerk

Record and Return To:

☐ Pick-up at County Clerk's office

Acadia Tarrytown LLC
c/o Acadia Realty Trust
1311 Mamaroneck Ave., Suite 260
White Plains, NY 10605
Attn: Debra Leibler

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

THIS INDENTURE made this 13 day of June, 2011, between Owner(s), Acadia Tarrytown LLC, having an office at c/o Acadia Realty Trust, 1311 Mamaroneck Avenue, Suite 260, White Plains, County of Westchester, State of New York (the "Grantor"),and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner" or "NYSDEC" or "Department," as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233.

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

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

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

WHEREAS, Grantor, is the owner of real property located at the address of 124-134 Wildey Street, in the Village of Tarrytown, County of Westchester and State of New York, known and designated on the tax map of the County Clerk of Westchester as tax map parcel numbers: Section #1, Block/Sheet #2, Lot #P-25 and #P-25B, being the same as that property conveyed to Grantor by deed dated May 13, 2004 and recorded in the County of Westchester, County Clerk's Office under Control No. 450620662. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 3.250 +/- acres, and is hereinafter more fully described in the Land Title Survey dated October 2, 2007 and revised on February 14, 2011 by Control Point Associates, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Order on Consent Index Number: W3-1055-05-03, as amended by W3-1127-08-11, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv) if current land use is selected, enter current use.

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP.

(4) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(5) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(6) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(7) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP.

(8) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP.

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

B. The Controlled Property shall not be used for Residential or Restricted Residential purposes, and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

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

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

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

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

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

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

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

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved b the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5 the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

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

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

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

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

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any

interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

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

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

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

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

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

Parties shall address correspondence to:

Site Number: #360084
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

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

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

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

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

ACADIA TARRYTOWN LLC:

By: _____

Print Name: ROBERT MASTERS

Title: Senior Vice President Date: 5/31/11

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF WESTCHESTER)

On the 31st day of May, in the year 2011, before me, the undersigned, personally appeared Robert Masters, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

DEBRA LEIBLER-JONES NOTARY PUBLIC STATE OF NEW YORK NO. 01LE6005994 QUALIFIED IN DUTCHESS COUNTY COMM. EXP. 04/20/2014

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Dale A. Desnoyers, Director
Division of Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 13th day of June, in the year 2011, before me, the undersigned, personally appeared Dale Desnoyers, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2014

SCHEDULE "A" PROPERTY DESCRIPTION

ALL that certain plot, piece or parcel of land, situate, lying and being in the Village of Tarrytown, Town of Greenburgh, County of Westchester and State of New York, bounded and described as follows:

BEGINNING at the point on the easterly side of Cortlandt Street where the same is intersected by the northerly line of the land now or formerly of the Village of Tarrytown;

RUNNING THENCE along the easterly side of Cortlandt Street, the following courses and distances and curves:

- North 01 degrees 42 minutes 20 seconds east, 28.84 feet to a point of curve;
- Along a curve to the right having a radius of 416.00 feet, a distance of 97.40 feet to a point of tangency;
- North 15 degrees 07 minutes 15 seconds east, 113.66 feet;

THENCE the following courses and distances:

- South 69 degrees 50 minutes 53 seconds east, 77.53 feet;
- North 20 degrees 09 minutes 07 seconds east, 167.00 feet;
- South 69 degrees 50 minutes 53 seconds east, 16.58 feet, and
- North 20 degrees 09 minutes 07 seconds east, 110.00 feet to the southerly side of Wildey Street;

THENCE along the southerly side of Wildey Street, south 69 degrees 50 minutes 53 seconds east, 98.32 feet to a point of curve;

THENCE along a curve to the right having a radius of 95.00 feet, a distances of 77.83 feet to the southwesterly side of Central Avenue;

THENCE along the southwesterly side of Central Avenue, south 22 degrees 54 minutes 22 seconds east, 112.04 feet to a point of curve and along a curve to the left having a radius of 334.00 feet, a distance of 117.33 feet to a point of reverse curve;

THENCE along a curve to the right having a radius of 44.00 feet, a distance of 42.89 feet to a point on the westerly side of Cottage Place;

THENCE along the westerly side of Cottage Place, south 12 degrees 49 minutes 20 seconds west, 13.56 feet to the northerly line of land now or formerly of Moten;

THENCE along the said northerly line of land now or formerly of Moten, north 73 degrees 35 minutes 40 seconds west, 27.64 feet and north 59 degrees 41 minutes 10 degrees west, 51.46 feet to the westerly line of said land now or formerly of Moten;

THENCE in part along the westerly line of land now or formerly of Moten and in part along the westerly line of land now or formerly of Monti, south 33 degrees 15 minutes 24 seconds west, 84.29 feet to a point;

THENCE CONTINUING in part along the westerly line of land now or formerly of Monti and in part along the westerly line of land now or formerly of Alpine, South 08 degrees 21 minutes 21 seconds west, 108.91 feet to the northerly line of land now or formerly of Asbury Terrace;

THENCE in part along the northerly line of land now or formerly of Asbury Terrace and in part along the northerly line of land now or formerly of the Village of Tarrytown, north 86 degrees 25 minutes 00 seconds west, 358.16 feet to the easterly side of Cortlandt Street and the point or place of BEGINNING.

TOGETHER with the Benefits and Subject to the burdens of an Easement contained in instrument recorded in Liber 7295 page 427 and modified by instrument in Liber 7588 page 568.

APPENDIX D
Site-Wide Inspection Form

SITE-WIDE INSPECTION FORM

I. Background Site Information

A. Facility Name and Location:

Business Name as it appears on the Environmental Easement:

Name of the current operator at the site (if different than above):

Property Street Address:

Municipality: _____ County: _____

Block: ___

Lot: ___

Year of Tax map from which this information is obtained: _____

B. Person responsible for submitting the certification and inspection report for Institutional & Engineering Controls:

Person's Name: _____
Person's Title: _____
Business Name: _____
Relationship to the Site (check as appropriate): Owner _____ Operator _____
Lessee _____ Person Who Conducted the Cleanup _____
Other (describe)_____
Street Address: _____ City: _____ State: _____
Telephone Number: _____
Fax Number: _____
E-mail Address: _____

C. All Current Owner, Lessee(s) and Operator(s):

Name of Person: _____
Business Name: _____
Relationship to the Site: Owner _____ Operator _____ Lessee _____
Street Address: _____
City: _____ State: _____
Telephone Number: _____
Fax Number: _____
E-mail Address: _____

Name of Person: _____
Business Name: _____
Relationship to the Site: Owner _____ Operator _____ Lessee _____
Street Address: _____
City: _____ State: _____
Telephone Number: _____
Fax Number: _____
E-mail Address: _____

Name of Person: _____
Business Name: _____
Relationship to the Site: Owner _____ Operator _____ Lessee _____
Street Address: _____
City: _____ State: _____
Telephone Number: _____
Fax Number: _____
E-mail Address: _____

D. Case Specific Information (Complete all that apply):

- Site Name: _____
- NYSDEC Site Number: _____
- Date of each release letter for the site: _____
- Name and Bureau of assigned Case Manager at the time the Environmental Easement was issued: _____

E. Existing Site Conditions

- Describe the physical characteristics of the site.

- Describe the current site operations.

- Describe each engineering control that applies to the Restricted Areas including the Sub-Slab Depressurization System (SSDS).

II. Protectiveness Evaluation

A. Institutional Control Information

- Provide the following information for the recorded Environmental Easement:

  Book Number: _____
  Page Number: _____
  Date the Environmental Easement was filed in the office of the county recording officer: _____

- Have any amendments and/or additional filings been recorded that may modify or supersede the Environmental Easement and Exhibits?

  Yes ___ No ____

  If you answered "Yes", provide an explanation. Also provide the Book and Page Number of the amendment and/or additional filing and the date it was filed in the office of the county recording officer.

B. Evaluation of Institutional and Engineering Controls:

(The appropriate box on the left must be checked for each of the following items.)

1. Zoning or Land Use Changes

a. Land use at the time the Environmental Easement was filed (check all that apply):
Non-Residential ____ Residential _____ Agricultural _____ Other _____

b. Current land use (check all that apply):
Non-Residential ____ Residential _____ Agricultural _____ Other _____

If the current land use is different than the land use at the time the Environmental Easement was filed, explain how the remedial action, which included the Environmental Easement, remains protective of public health and safety. Include the Case Manager's name and Bureau that approved this change, if applicable.

c. Has there been an actual or pending zoning or land-use change for the Restricted Area on which the Environmental Easement is filed?

Yes ___ No ____ (If No, proceed to #2, below)
If Yes, describe:

2. Inspections

Have periodic inspections of the site identified any excavation or other disturbance activities that have taken place within the Restricted Areas?

Yes ___ No ___ (If No, proceed to "3") **(Internal Use ___)**

If yes, provide a full description of the disturbance and the method to restore all controls, compliance with all applicable health and safety laws and regulations, and methods to ensure that exposure to contamination in excess of the applicable remediation standard did not occur. If the disturbance resulted in an unacceptable exposure to the soil contamination explain how this was remedied.

Date(s) of Disturbance: _____
Duration of Disturbance: Years _____ Months_____ Days _____

Date the NYSDEC was notified: _____
Description of the disturbance and methods to address the disturbance:

Name of Contact Person Relative to the Disturbance:
Name: _____
Title: _____
Street Address: _____
City: _____ State: _____
Telephone Number: _____
Fax Number: _____
E-mail Address:_____

Was all soil characterized, excavated and returned to the Restricted Area?

Yes____ No_____ (If No, provide an explanation)

Quantity of soil generated for disposal (if applicable): ____tons
Attach transportation/disposal documentation.

State precautions taken during the above activities to prevent contaminant exposure:

Provide an explanation of how the engineering control was replaced following the disturbance?

Provide all soil sampling data.

Was groundwater dewatered and disposed off site?

Yes____ No_____ (If No, provide an explanation)

Volume of groundwater disposed off site (if available).
_____ gallons

Attach all transportation/disposal documentation.

Was a SPEDES permit obtained?

Yes____ No_____ (If No, provide an explanation)
Permit No. (if applicable):_____

Have periodic and regular inspections of the SSDS identified that the system was not operating or malfunctioning?

Yes____ No_____ (If No, proceed to "3")

If yes, provide a full description of the malfunction and the method to restore all controls, compliance with all applicable health and safety laws and regulations, and methods to ensure that exposure to contamination in excess of the applicable remediation standard did not occur. If the disturbance resulted in an unacceptable exposure to the soil vapor contamination explain how this was remedied.

Date(s) of Malfunction: _____
Duration of Malfunction: Years _____ Months_____ Days _____

Date the NYSDEC was notified: _____
Description of the malfunction and methods to address the malfunction:

Name of Contact Person Relative to the Malfunction:
Name: _____
Title: _____
Street Address: _____
City: _____ State: _____
Telephone Number: _____
Fax Number: _____
E-mail Address:_____

Was all the SSDS returned to operation and functioning properly?

Yes____ No_____ (If No, provide an explanation)

State precautions taken during the above activities to prevent contaminant exposure:

Provide an explanation of how the engineering control was replaced following the disturbance?

Provide all soil vapor, air, and/or SSDS monitoring.

3. Changes to Laws and Regulations

a. Are there any subsequently promulgated or modified environmental laws or regulations, which apply to the site?

Yes ____ No ____ (If No, proceed to #4 below)

b. If Yes, has the evaluation also determined that each engineering and institution controls, as applicable, meets the requirements of the new laws and regulations?

Yes ____ No ____ (If Yes, proceed to #4 below)

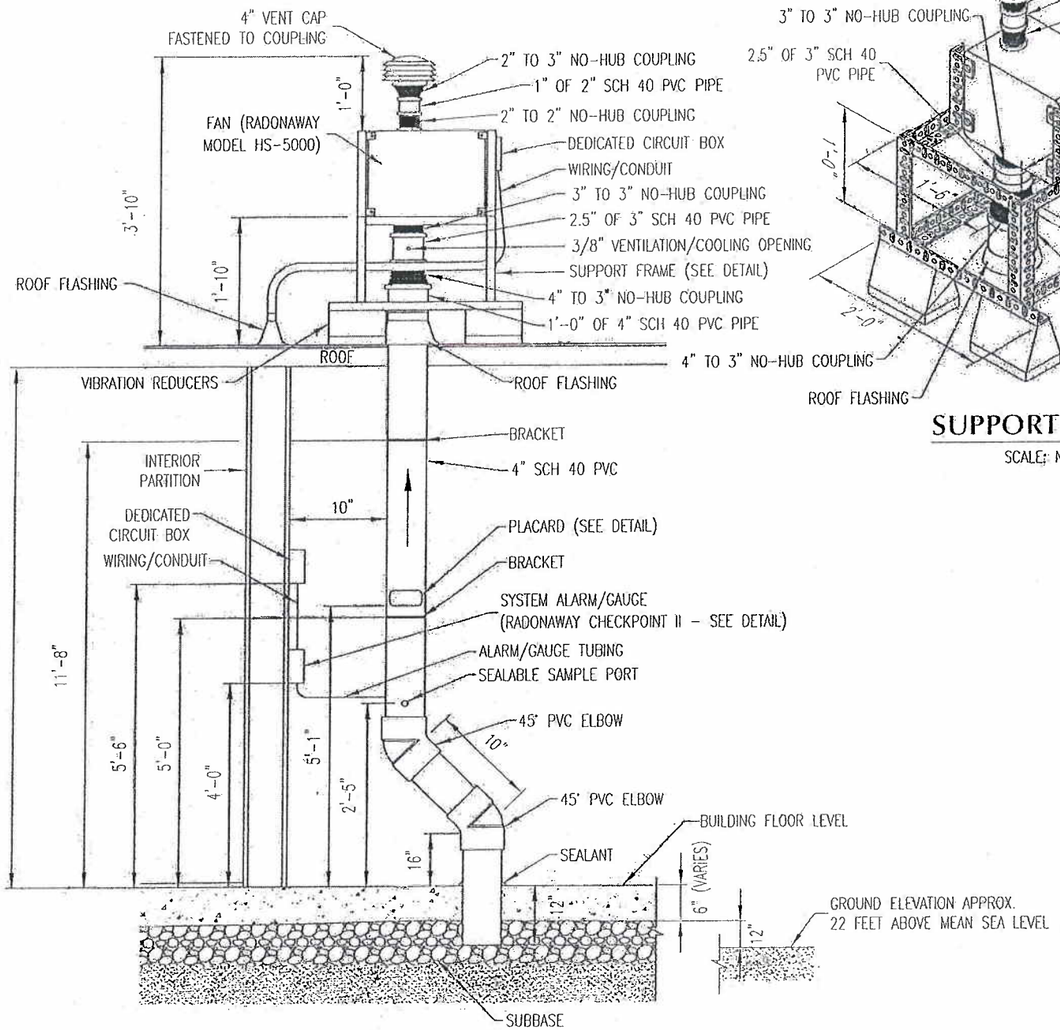
c. Each institutional and engineering controls, as applicable that did not meet the requirements of the new laws and regulations has been addressed in the following manner to bring them into compliance:

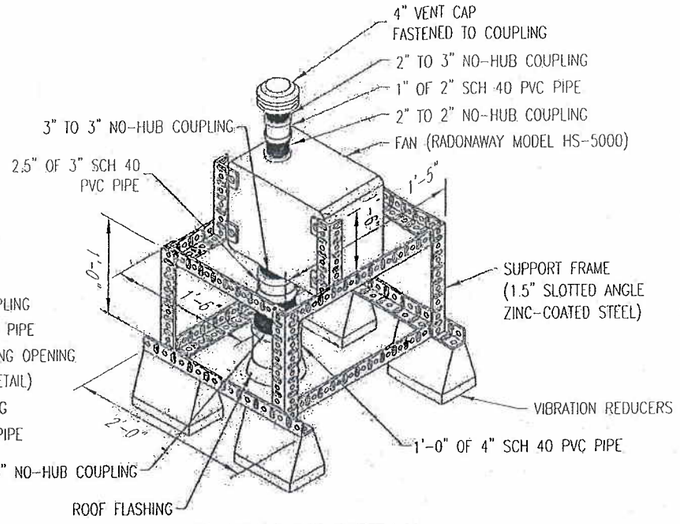
4. Detailed Maintenance Logs

Attach a copy of the detailed maintenance log (use Routine Maintenance Reports) of how the persons responsible for monitoring and ensuring the protectiveness of the remedial action have maintained and evaluated the engineering controls.

Date(s) of all Inspections:

APPENDIX E
Engineering Control As-Built Drawings





SUPPORT DETAIL

SCALE: N.T.S.

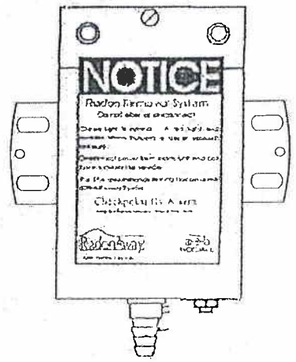
CAUTION

This is a component of an active soil depressurization system
Do not alter or disconnect

Whitestone Associates, Inc. (908) 668-7777

PLACARD DETAIL

SCALE: N.T.S.



SYSTEM ALARM/GAUGE DETAIL

SCALE: N.T.S.

NOTES:

1. SSDS PIPE AT LEAST 10 FEET AWAY FROM ANY OPENING OR INTAKE THAT IS LESS THAN 24 INCHES BELOW THE SSDS'S EXHAUST POINT.
2. PVC CONNECTIONS IN THE INTERIOR ARE GLUED.
3. MAXIMUM FLOW RATE OF SSDS IS 53 CUBIC FEET PER MINUTE.
4. SSDS SHOWN TO ILLUSTRATE DETAILS. 45° ANGLE OF SSDS PIPING IS PARALLEL TO INTERIOR PARTITION.

IT IS A VIOLATION OF ARTICLE 145, PROVISION 7209 OF THE *NEW YORK STATE EDUCATION LAW* FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS ITEM IN ANY WAY.

STATE OF NEW YORK * KEITH T. D'AMBROSIO * LICENSED PROFESSIONAL ENGINEER * 076095

KEITH T. D'AMBROSIO

PROFESSIONAL ENGINEER

NEW YORK LICENSE No. 076095-1

WHITESTONE ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 • 908.754.5936 FAX

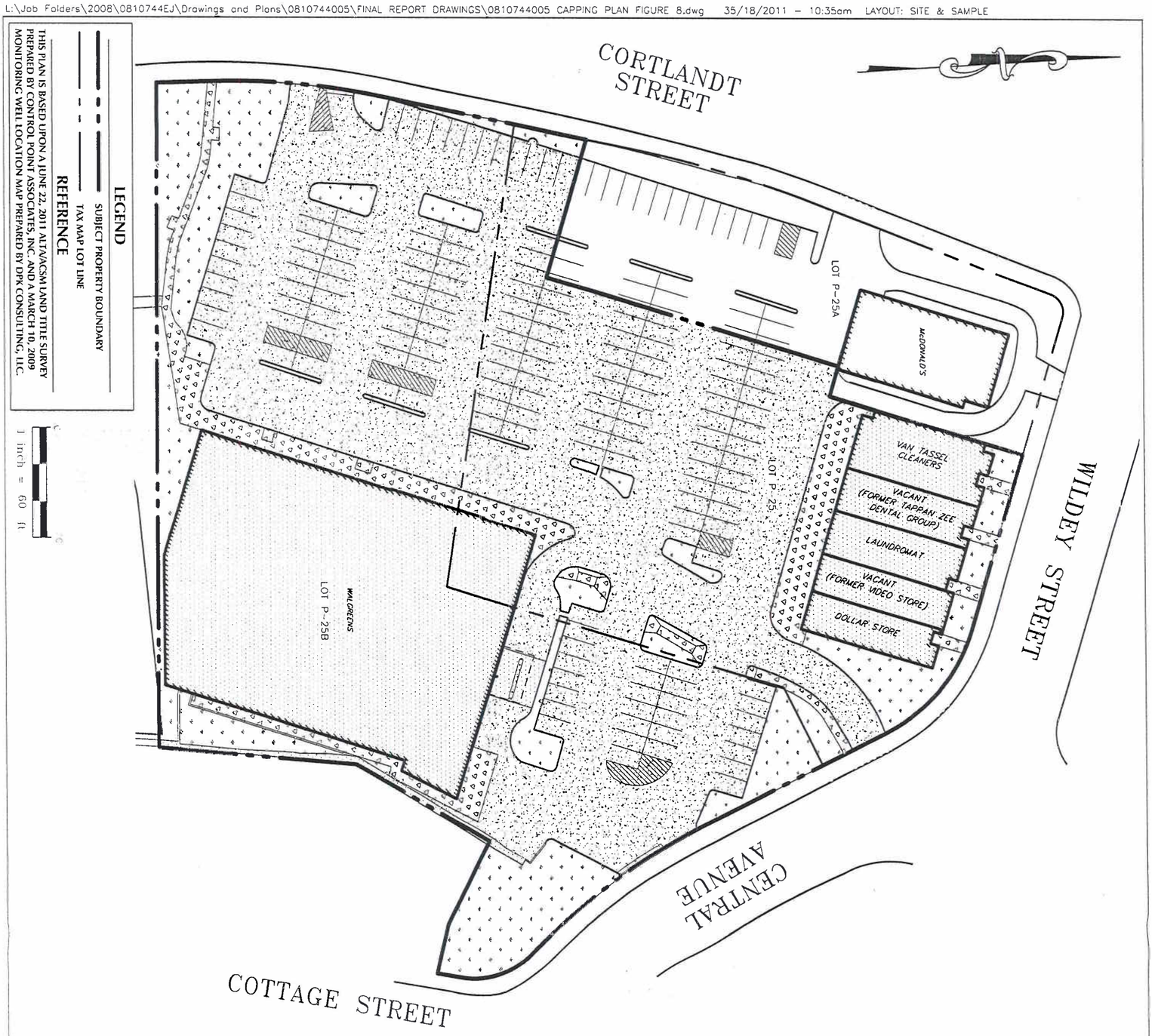
FIGURE:	1
SCALE:	N.T.S.
DATE:	9/21/10
PROJ. MGR.:	CS
BY:	RP
PROJECT #:	EJ0810744.004

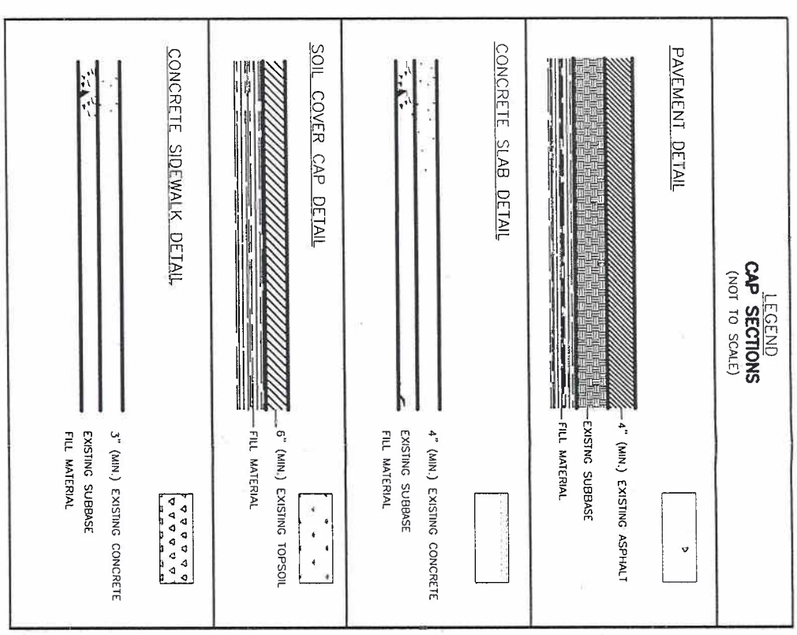
TITLE: SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS) AS-BUILT PLAN

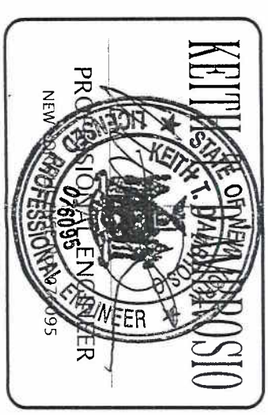
CLIENT: ACADIA TARRYTOWN, LLC

PROJECT: RIVER PLAZA SHOPPING CENTER
130 WILDEY STREET
TARRYTOWN, WESTCHESTER COUNTY, NEW YORK

L:\Job Folders\2008\08107445\Drawings and Plans\08107440\08107440 SSDS-ASBUILT.dwg 53/21/2010 - 2:53pm LAYOUT: 1117-BLP







TITLE:

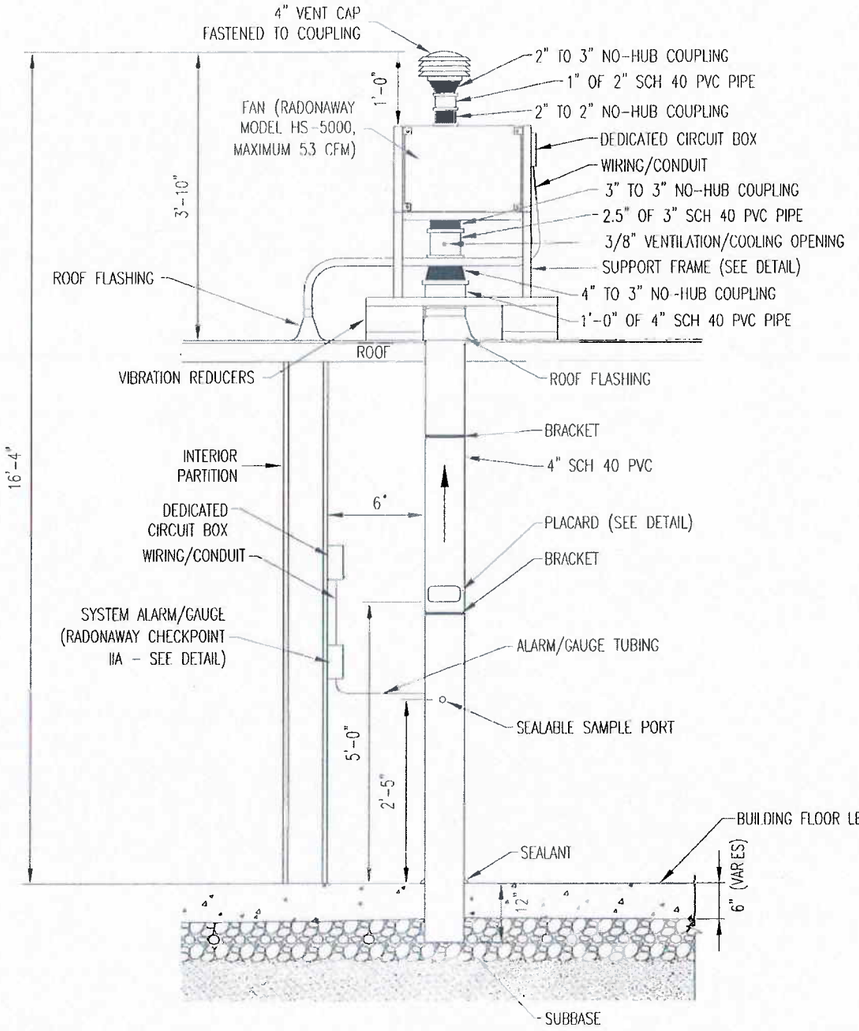
LOCATION OF COVER SYSTEM TYPES

CLIENT: ACADIA TARRYTOWN, LLC

WHITESTONE ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 • 908.754.5936 FAX

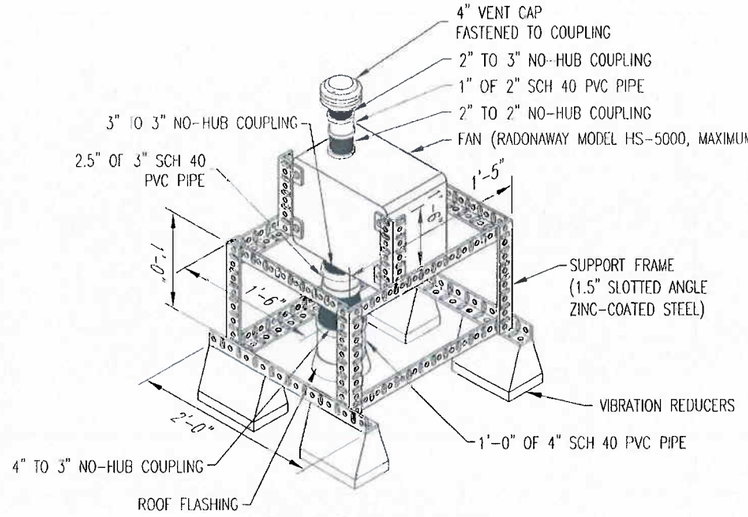
PROJECT: RIVER PLAZA SHOPPING CENTER
124 TO 134 WILDEY STREET
TARRYTOWN, WESTCHESTER COUNTY, NEW YORK

PROJECT #:	BY:	PROJ. MGR.:	DATE:	SCALE:	FIGURE:
EJ0810744.005	RP	CS	4/20/11	1" = 60'	8



SSDS DETAIL

SCALE: N.T.S.



SUPPORT DETAIL

SCALE: N.T.S.

RADONAWAY CHECKPOINT IIA ACTIVATES AT 0.25" WC
INSTALL PER MANUFACTURE'S RECOMMENDATIONS/SPECIFICATIONS

SYSTEM ALARM/GAUGE DETAIL

SCALE: N.T.S.

CAUTION

This is a component of an active soil depressurization system
Do not alter or disconnect

Whitestone Associates, Inc. (908) 668-7777

PLACARD DETAIL

SCALE: N.T.S.

NOTES:

1. SSDS PIPE AT LEAST 10 FEET AWAY FROM ANY OPENING OR INTAKE THAT IS LESS THAN 24 INCHES BELOW THE SSDS'S EXHAUST POINT.
2. PVC CONNECTIONS IN THE INTERIOR ARE GLUED.
3. THE RADONAWAY MODEL HS-5000 FAN HAS A MAXIMUM CAPACITY OF 53 CUBIC FEET PER MINUTE (CFM).

SSDS - SUB-SLAB DEPRESSURIZATION SYSTEM
WC - WATER COLUMN

IT IS A VIOLATION OF ARTICLE 145, PROVISION 7209 OF THE *NEW YORK STATE EDUCATION LAW* FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS ITEM IN ANY WAY.

KEITH T. D'AMBROSIO
STATE OF NEW YORK
KEITH T. D'AMBROSIO
LICENSED PROFESSIONAL ENGINEER
PROFESSIONAL ENGINEER
NEW YORK LICENSE No. 076095-1

WHITESTONE ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 • 908.754.5936 FAX

TITLE: SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS) AS-BUILT PLAN

CLIENT: ACADIA TARRYTOWN, LLC

PROJECT: RIVER PLAZA SHOPPING CENTER
124 TO 134 WILDEY STREET HIBACHI RESTAURANT
TARRYTOWN, WESTCHESTER COUNTY, NEW YORK

PROJECT #:	BY:	PROJ. MGR.:	DATE:	SCALE:	FIGURE:
EJ0810744.006	KR	CS	08/06/12	AS SHOWN	1

L:\Job Folders\2008\0810744EJ\Drawings and Plans\0810744006\0810744006 SSDS ASBUILT PLAN.dwg 08/06/2012 - 3:48pm LAYOUT: 1117-BLP

APPENDIX F
EC System Component Manuals/ Trouble Shooting Guidelines

Made in USA with US and imported parts.

High Suction Series

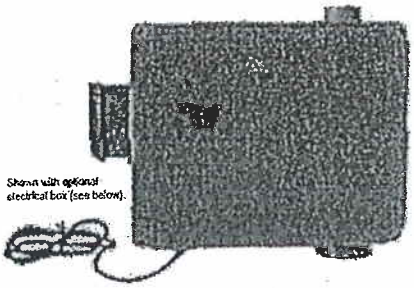
by RadonAway

Radon Fans

HS fans offer a proven solution for tough radon mitigation jobs, providing up to 25 times the suction of inline tube fans to deal with sand, tight soil or clay sub-slab material.

FEATURES

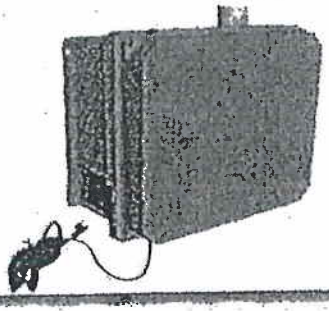
- Internal condensate bypass
- Brackets for vertical mounting indoors or outdoors
- Inlet: 3.0" PVC / Outlet: 2.0" PVC
- Weight: 18 lbs.
- Size: 15.5"W x 13.3"H x 8.2"D
- Warranty: 1 year (3-year option available)



Fan Specifications

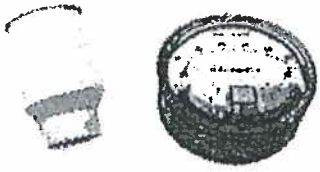
Model	Watts	Max. Pressure "WC	Typical CFM vs. Static Pressure WC 0"	10"	15"	20"	25"	35"
HS2000	150-270	18	110	72	40	-	-	-
HS3000	105-195	27	40	33	30	23	18	-
HS5000	180-320	50	53	47	42	38	34	24

Each fan includes: 6ft 18 ga power cord with 3 prong plug. Electrical box and switch sold separately (see below).



Fan Pricing (call for full catalog)

Model	P/N
HS2000	23004-1
HS3000	23004-2
HS5000	23004-3

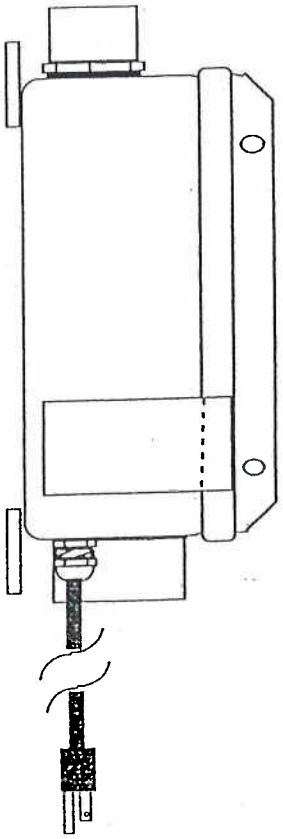


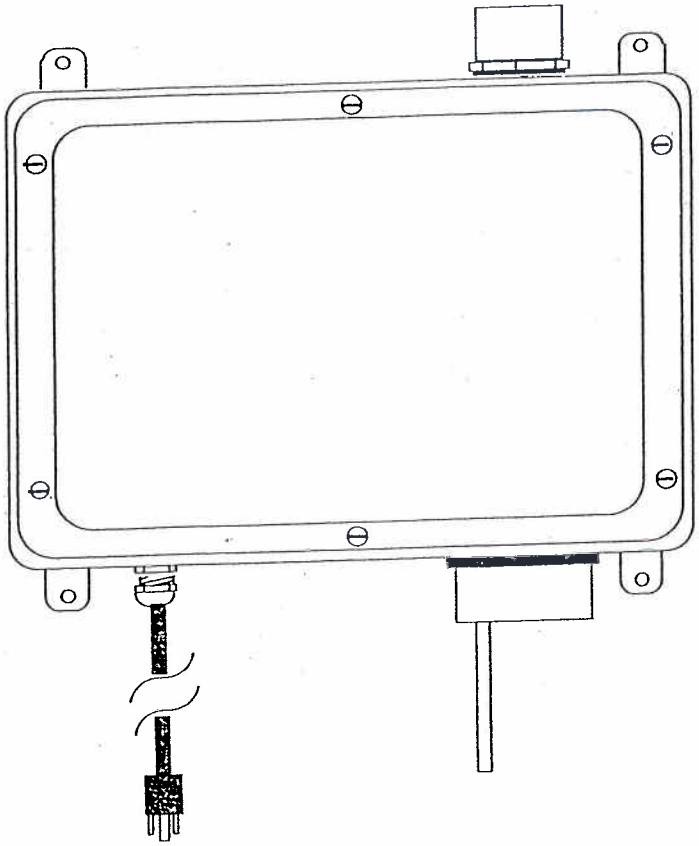
Accessories for HS Series

Item	P/N
Optional 3-year Warranty	HS 3YR
2" Schedule 40 Vent Muffler	24002
Switched Electrical Box (no power cord)	20003
Magnehelic Manometer 0-50" WC	50001-2
2" x 2" Flex Coupling (black)	79020
2" x 3" Flex Coupling (black)	79027
3" x 3" Flex Coupling (white)	79037
3" x 3" Flex Coupling (black)	79010

HS SERIES INSTALLATION INSTRUCTIONS

BY RadonAway™





RadonAway, Inc. Ward Hill, MA.

P/N IN007 Rev F

RadonAway Ward Hill, MA.

HS Series Fan Installation Instructions

Please Read and Save These Instructions.

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

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

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

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

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

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

6. All wiring must be performed in accordance with the National Fire Protection Association's (NFPA)"National Electrical Code, Standard #70"-current edition for all commercial and industrial work, and state and local building codes. All wiring must be performed by a qualified and licensed electrician..

7. WARNING! In the event that the fan is immersed in water, return unit to factory for service before operating.

8. WARNING! Do not twist or torque fan inlet or outlet piping as Leakage may result.

9. WARNING! Do not leave fan unit installed on system piping without electrical power for more than 48 hours. Fan failure could result from this non-operational storage.

INSTALLATION INSTRUCTIONS (Rev F)
for DynaVac High Suction Series
HS2000 p/n 23004-1
HS3000 p/n 23004-2
HS5000 p/n 23004-3

1.0 SYSTEM DESIGN CONSIDERATIONS

1.1 INTRODUCTION

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

1.2 ENVIRONMENTALS

The DynaVac is designed to perform year-round in all but the harshest climates without additional concern for temperature or weather. For installations in an area of severe cold weather, please contact RadonAway for assistance. When not in operation, the DynaVac should be stored in an area where the temperature is never less than 32 degrees F. or more than 100 degrees F. The DynaVac is thermally protected such that it will shut off when the internal temperature is above 104 degrees F. Thus if the DynaVac is idle in an area where the ambient temperature exceeds this shut off, it will not restart until the internal temperature falls below 104 degrees F.

1.3 ACOUSTICS

The DynaVac, when installed properly, operates with little or no noticable noise to the building occupants. There are, however, some considerations to be taken into account in the system design and installation. When installing the DynaVac above sleeping areas, select a location for mounting which is as far away as possible from those areas. Avoid mounting near doors, fold-down stairs or other uninsulated structures which may transmit sound. Insure a solid mounting for the DynaVac to avoid structure-borne vibration or noise.

The velocity of the outgoing air must also be considered in the overall system design. With small diameter piping, the "rushing" sound of the outlet air can be disturbing. The system design should incorporate a means to slow and quiet the outlet air. The use of the RadonAway Exhaust Muffler, p/n 24001, is strongly recommended.

1.4 GROUND WATER

Under no circumstances should water be allowed to be drawn into the inlet of the DynaVac as this may result in damage to the unit. The DynaVac should be mounted at least 5 feet above the slab penetration to minimize the risk of filling the DynaVac with water in installations with occasional high water tables.

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

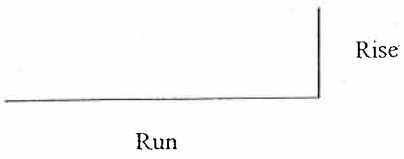
1.5 CONDENSATION & DRAINAGE

(WARNING!: Failure to provide adequate drainage for condensation can result in system failure and damage the DynaVac).

Condensation is formed in the piping of a mitigation system when the air in the piping is chilled below its dew point. This can occur at points where the system piping goes through unheated space such as an attic, garage or outside. The system design must provide a means for water to drain back to a slab hole to remove the condensation.

The use of small diameter piping in a system increases the speed at which the air moves. The speed of the air can pull water uphill and at sufficient velocity it can actually move water vertically up the side walls of the pipe. This has the potential of creating a problem in the negative pressure (inlet) side piping. For DynaVac inlet piping, the following table provides the minimum recommended pipe diameters as well as minimum pitch under several system condition. Use this chart to size piping for a system.

Pipe Diam.	Minimum Rise per Foot of Run*		
	@ 25 CFM	@ 50 CFM	@ 100 CFM
4"	1/32 "	3/32 "	3/8 "
3"	1/8 "	3/8 "	1 1/2 "



*Typical operational flow rates:

HS3000, or HS5000 20 - 40 CFM
HS2000 50 - 90 CFM

All exhaust piping should be 2" PVC.

1.6 "SYSTEM ON" INDICATOR

A properly designed system should incorporate a "System On" Indicator for affirmation of system operation. A Magnehelic pressure gauge is recommended for this purpose. The indicator should be mounted at least 5 feet above the slab penetration to minimize the risk of filling the gauge with water in installations with occasional high water tables.

1.7 SLAB COVERAGE

The DynaVac can provide coverage of well over 1000 sq. ft. per slab penetration. This will, of course, depend on the sub-slab aggregate in any particular installation and the diagnostic results. In general, sand and gravel are much looser aggregates than dirt and clay. Additional suction points can be added as required. It is recommended that a small pit (2 to 10 gallons in size) be created below the slab at each suction hole.

1.8 ELECTRICAL WIRING

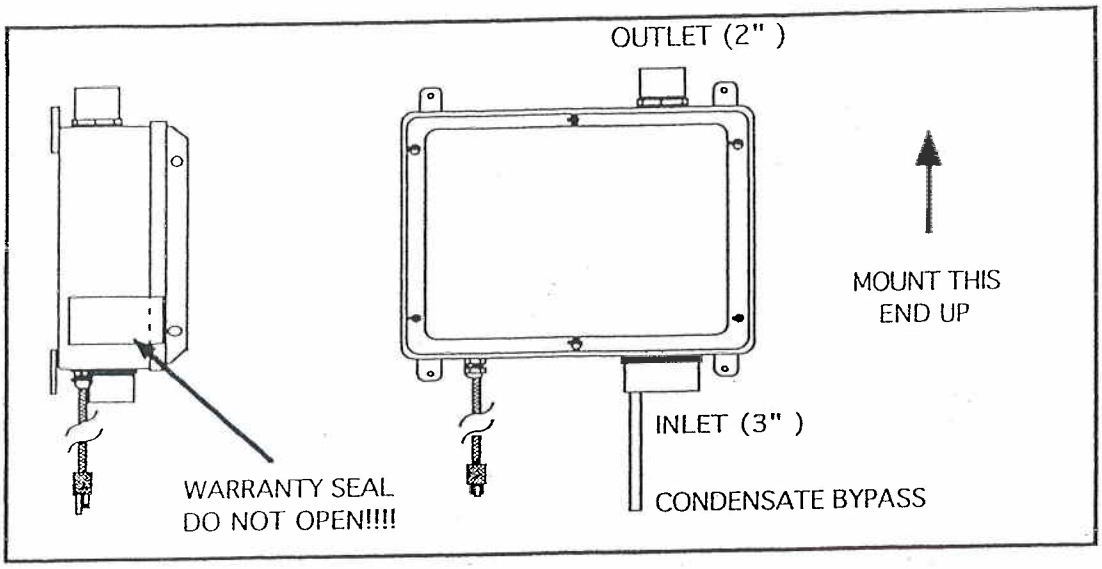
The DynaVac plugs into a standard 120V outlet. All wiring must be performed in accordance with the National Fire Protection Association's (NFPA)"National Electrical Code, Standard #70"-current edition for all commercial and industrial work, and state and local building codes. All wiring must be performed by a qualified and licensed electrician.

1.8a ELECTRICAL BOX (optional)

The optional Electrical Box (p/n 20003) provides a weathertight box with switch for outdoor hardwire connection. All wiring must be performed in accordance with the National Fire Protection Association's (NFPA)"National Electrical Code, Standard #70"-current edition for all commercial and industrial work, and state and local building codes. All wiring must be performed by a qualified and licensed electrician. Outdoor installations require the use of a U.L. listed watertight conduit.

1.9 SPEED CONTROLS

Electronic speed controls can **NOT** be used on HS series units.



2.0 INSTALLATION

2.1 MOUNTING

Mount the DynaVac to the wall studs, or similar structure, in the selected location with (4) 1/4" x 1 1/2" lag screws (not provided). Insure the DynaVac is both plumb and level.

2.2 DUCTING CONNECTIONS

Make final ducting connection to DynaVac with flexible couplings. Insure all connections are tight. Do not twist or torque inlet and outlet piping on DynaVac or leaks may result.

2.3 VENT MUFFLER INSTALLATION

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

2.5 OPERATION CHECKS

____ Make final operation checks by verifying all connections are tight and leak-free.

____ Insure the DynaVac and all ducting is secure and vibration-free.

____ Verify system vacuum pressure with Magnehelic. Insure vacuum pressure is less than the maximum recommended as shown below:

DynaVac	HS2000	14" WC
DynaVac	HS3000	21" WC
DynaVac	HS5000	40" WC

(Above are based on sea-level operation, at higher altitudes reduce above by about 4% per 1000 Feet.)
If these are exceeded, increase number of suction points.

____ Verify Radon levels by testing to EPA protocol.

Addendum

PRODUCT SPECIFICATIONS

Model	Maximum Static Suction	Typical CFM vs Static Suction WC (Recommended Operating Range)						Power* Watts @ 115 VAC
		0"	10"	15"	20"	25"	35"	
HS2000	18"	110	72	40	-	-	-	150-270
HS3000	27"	40	33	30	23	18	-	105-195
HS5000	50"	53	47	42	38	34	24	180-320

*Power consumption varies with actual load conditions

Inlet: 3.0" PVC
Outlet: 2.0" PVC
Mounting: Brackets for vertical mount
Weight: Approximately 18 lbs.
Size: Approximately 15"W x 13"H x 8"D
Minimum recommended inlet ducting (greater diameter may always be used):
HS3000, HS5000 --- 2.0" PVC Pipe
HS2000 --- Main feeder line of 3.0" or greater PVC Pipe
Branch lines (if 3 or more) may be 2.0" PVC Pipe
Outlet ducting: 2.0" PVC
Storage temperature range: 32 - 100 degrees F.
Thermally protected
Locked rotor protection
Internal Condensate Bypass

IMPORTANT INSTRUCTIONS TO INSTALLER

Inspect the HS Series Fan for shipping damage within 15 days of receipt. Notify **RadonAway of any damages immediately.** Radonaway is not responsible for damages incurred during shipping. However, for your benefit, Radonaway does insure shipments.
There are no user serviceable parts inside the fan. **Do not attempt to open.** Return unit to factory for service.

Install the HS Series Fan in accordance with all EPA standard practices, and state and local building codes and state regulations.

WARRANTY

Subject to any applicable consumer protection legislation, RadonAway warrants that the HS Series Fan (the "Fan") will be free from defects in materials and workmanship for a period of one (1) year from the date of manufacture (the "Warranty Term"). Outside the Continental United States and Canada the Warranty Term is one (1) year from the date of manufacture.

RadonAway will replace any Fan which fails due to defects in materials or workmanship. The Fan must be returned (at owner's cost) to the RadonAway factory. Proof of purchase must be supplied upon request for service under this Warranty.

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

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

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

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

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

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

Record the following information for your records:

Serial No._____
Purchase Date_____

RadonAway™

INSTALLATION & OPERATING INSTRUCTIONS
Instruction P/N IN015 Rev E
FOR *CHECKPOINT IIa*™ P/N 28001-2 & 28001-3
RADON SYSTEM ALARM

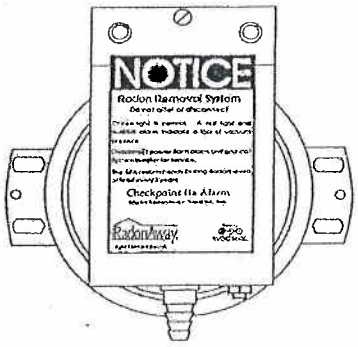
INSTALLATION INSTRUCTIONS
(WALL MOUNTING)

Select a suitable wall location near a vertical section of the suction pipe. The unit should be mounted about four or five feet above the floor and as close to the suction pipe as possible. Keep in mind that with the plug-in transformer provided, the unit must also be within six feet of a 120V receptacle. **NOTE: The Checkpoint IIa is calibrated for vertical mounting, horizontal mounting will affect switchpoint calibration.**

Drill two ¼" holes 4" apart horizontally where the unit is to be mounted.

Install the two ¼" wall anchors provided.

Hang the CHECKPOINT IIa from the two mouting holes located on the mounting bracket. Tighten the mounting screws so the unit fits snugly and securely against the wall.



Drill a 5/16" hole into the side of the vent pipe about 6" higher than the top of the unit.

Insert the vinyl tubing provided about 1" inside the suction pipe.

Cut a suitable length of vinyl tubing and attach it to the pressure switch connector on the CHECKPOINT IIa.

CALIBRATION AND OPERATION.

The CHECKPOINT IIa units are calibrated and sealed at the factory to alarm when the vacuum pressure falls below the factory setting and should not normally require field calibration. Factory Settings are:
28001-2 -.25" WC Vacuum
28001-3 -.10" WC Vacuum

To Verify Operation:

With the exhaust fan off or the pressure tubing disconnected and the CHECKPOINT IIa plugged in, both the red indicator light and the audible alarm should be on.

Turn the fan system on or connect the pressure tubing to the fan piping. The red light and the audible alarm should go off. The green light should come on.

Now turn the fan off. The red light and audible alarm should come on in about two or three seconds and the green light should go out.

WARRANTY INFORMATION

Subject to applicable consumer protection legislation, RadonAway warrants that the CHECKPOINT IIa will be free from defective material and workmanship for a period of (1) year from the date of purchase. Warranty is contingent on installation in accordance with the instructions provided. This warranty does not apply where repairs or alterations have been made or attempted by others; or the unit has been abused or misused. Warranty does not include damage in shipment unless the damage is due to the negligence of RadonAway. All other warranties, expressed or written, are not valid. To make a claim under these limited warranties, you must return the defective item to RadonAway with a copy of the purchase receipt. RadonAway is not responsible for installation or removal cost associated with this warranty. In no case is RadonAway liable beyond the repair or replacement of the defective product FOB RadonAway.

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. THERE IS NO WARRANTY OF MERCHANTIBILITY. ALL OTHER WARRANTIES, EXPRESSED OR WRITTEN, ARE NOT VALID.

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

Manufactured by:
RadonAway
Ward Hill, MA
(978)-521-3703

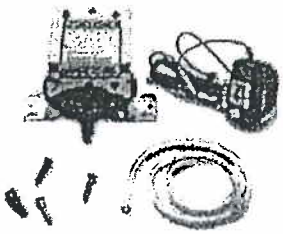
- Adjustable zero

Checkpoint II System Alarm

Features:

- Audible alarm if system shuts down
- Green and red LED readout
- Factory preset to activate at .25"WC
- Low voltage

Downloadable Installation Instructions For the Checkpoint II



About RadonAway

For over 20 years, RadonAway has been a pioneer of the radon industry and the leading manufacturer of radon fans and radon in water aeration systems.

Radon Information

- Radon FAQs
- Fixing a Radon Problem
- Testing for Radon
- Radon Info Links

Industry Links

- EPA IAQ / Radon
- American Association of Radon Scientists & Technologists (AARST)
- NEHA - National Radon Proficiency Program
- Radon Leaders Saving Lives
- More Links

Connect and Share

Melissa J. Bartley

From: Jodi M. Richards [JRichards@Spruce.com]
Sent: Wednesday, August 17, 2011 4:16 PM
To: Melissa J. Bartley
Subject: Policy

8/17/11

Hi Melissa-

I apologize in getting back to you so late in the day!

We do not provide troubleshooting manuals for our products, including the HS5000 and Alarm System. They are not repairable by the customer as we do all the repair work here, in house, for all our products that that are under warranty.

Thanks,

Jodi Richards
RadonAway
800-767-3703

APPENDIX G
Engineering Control System Inspection Checklist

ROUTINE MAINTENANCE REPORT/
ENGINEERING CONTROL SYSTEM INSPECTION CHECKLIST

Client: _____ **Project/Scope:** _____

Project No.: _____ **Project Location:** _____ **Page** ____ of ____

Date: _____ **Representative:** _____

Weather:
Equipment & Personnel Present at Site (list all visitors & subcontractors):
Activities/Time:
Modifications to the Systems in the Checklist Below:
Incidents Noted per System in the Checklist Below:
Components Required to be Checked Per Site Management Plan:
Vacuum blower/fan (HS-5000) ☐
General system piping and fittings/seals ☐
System alarm (Radonaway Checkpoint II) ☐
Electrical system ☐
Asphalt Pavement ☐
Concrete Slabs ☐
Concrete Sidewalks ☐
Soil Cover ☐

Miscellaneous Comments & Observations:
Check all that apply (attach): ☐ **Site Sketch** ☐ **Logs** ☐ **Incident Report** ☐ **Photos** ☐ **Invoices**

TABLE 1
Remedial Investigation Soil Contamination Summary (Various Tables)

TABLE 1
SOIL SAMPLING AND ANALYSES DATA SUMMARY
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.

	SAMPLE ID:	MW-8S-A			MW-8S-B			WB-5			WB-6			WB-7			WB-8S			WB-8D			WB-9			ST-1S			ST-1D			DS-1			DS-3		
	LAB ID:	AC49930-001			AC49930-002			AC49930-003			AC49930-004			AC49930-005			AC49930-006			AC49930-007			AC49930-008			AC49930-009			AC49930-010			AC49930-019			AC49930-021		
	COLLECTION DATE:	2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010		
	SAMPLE DEPTH:	1.5 to 2.0			13.5 to 14.0			22.5 to 23.0			10.5 to 11.0			13.0 to 13.5			1.0 to 1.5			16.0 to 16.5			20.0 to 20.5			1.5 to 2.0			7.5 to 8.0								
	SAMPLE MATRIX:	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil		
ANALYTE	**NYSDEC RPUUSCO**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
VOLATILE ORGANICS VOCs)																																				
Total VO TICs	NA	ND			ND			ND			ND			ND			ND			ND			ND			0.015	J		ND			ND			ND		
1,1,1-Trichloroethane	0.68	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
1,1,2,2-Tetrachloroethane	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
1,1,2-Trichloroethane	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
1,1-Dichloroethane	0.27	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
1,1-Dichloroethene	0.33	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
1,2,3-Trichloropropane	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
1,2,4-Trimethylbenzene	3.6	ND		0.0011	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0011	ND		0.0012	ND	J	0.0011	ND		0.0011
1,2-Dichlorobenzene	1.1	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
1,2-Dichloroethane	0.02	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
1,2-Dichloropropane	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
1,3,5-Trimethylbenzene	8.4	ND		0.0011	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0011	ND		0.0012	ND	J	0.0011	ND		0.0011
1,3-Dichlorobenzene	2.4	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
1,3-Dichloropropane	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
1,4-Dichlorobenzene	1.8	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
1,4-Dioxane	0.1	ND		0.27	ND		0.35	ND		0.33	ND		0.30	ND		0.31	ND		0.27	ND		0.31	ND		0.30	ND		0.29	ND		0.30	ND	J	0.27	ND		0.28
2-Butanone	0.12	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
2-Chloroethylvinylether	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
2-Hexanone	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
4-Isopropyltoluene	NA	ND		0.0011	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	0.0019		0.0011	ND		0.0012	ND	J	0.0011	ND		0.0011
4-Methyl-2-pentanone	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Acetone	0.05 {500}	0.030		0.027	**0.094**		**0.035**	ND		0.033	**0.088**		**0.030**	**0.054**		**0.031**	0.049		0.027	**0.091**		**0.031**	0.037		0.030	**0.15**		**0.029**	**0.11**		**0.030**	0.033	J	0.027	**0.071**		**0.028**
Acrolein	NA	ND		0.027	ND		0.035	ND		0.033	ND		0.030	ND		0.031	ND		0.027	ND		0.031	ND		0.030	ND		0.029	ND		0.030	ND	J	0.027	ND		0.028
Acrylonitrile	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Benzene	0.06	ND		0.0011	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0011	ND		0.0012	ND	J	0.0011	ND		0.0011
Bromodichloromethane	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Bromoform	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Bromomethane	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Carbon disulfide	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Carbon tetrachloride	0.76	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Chlorobenzene	1.1	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Chloroethane	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Chloroform	0.37	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Chloromethane	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
cis-1,2-Dichloroethene	0.25	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
cis-1,3-Dichloropropene	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Dibromochloromethane	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Dichlorodifluoromethane	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND	UJ	0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Ethylbenzene	1	ND		0.00054	ND		0.00069	ND		0.00067	ND		0.00060	ND		0.00062	ND		0.00055	ND		0.00063	ND		0.00060	ND		0.00057	ND		0.00060	ND	J	0.00054	ND		0.00057
Isopropylbenzene	NA	ND		0.0011	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0011	ND		0.0012	ND	J	0.0011	ND		0.0011
m&p-Xylenes	0.26	ND		0.0011	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0011	ND		0.0012	ND	J	0.0011	ND		0.0011
Methylene chloride	0.05	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	0.0063		0.0057
Methyl-t-butyl ether	0.93	ND		0.0011	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0011	ND		0.0012	ND	J	0.0011	ND		0.0011
n-Butylbenzene	12	ND		0.0011	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0011	ND		0.0012	ND	J	0.0011	ND		0.0011
n-Propylbenzene	3.9	ND		0.0011	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0011	ND		0.0012	ND	J	0.0011	ND		0.0011
o-Xylene	0.26	ND		0.0011	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0011	ND		0.0012	ND	J	0.0011	ND		0.0011
sec-Butylbenzene	11	ND		0.0011	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0011	ND		0.0012	ND	J	0.0011	ND		0.0011
Styrene	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
t-Butyl Alcohol	NA	ND	R	0.027	ND	R	0.035	ND	R	0.033	ND	R	0.030	ND	R	0.031	ND	R	0.027	ND	R	0.031	ND	R	0.030	ND	R	0.029	ND	R	0.030	ND	J/R	0.027	ND	R	0.028
t-Butylbenzene	NA	ND		0.0011	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0011	ND		0.0012	ND	J	0.0011	ND		0.0011
Tetrachloroethene	1.3	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Toluene	0.7	ND		0.0011	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0011	ND		0.0012	ND	J	0.0011	ND		0.0011
Trans-1,2-dichloroethene	0.19	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
trans-1,3-Dichloropropene	NA	ND	UJ	0.0054	ND	UJ	0.0069	ND	UJ	0.0067	ND	UJ	0.0060	ND	UJ	0.0062	ND	UJ	0.0055	ND	UJ	0.0063	ND	UJ	0.0060	ND	UJ	0.0057	ND	UJ	0.0060	ND	J/UJ	0.0054	ND	UJ	0.0057
Trichloroethene	0.47	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Trichlorofluoromethane	NA	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Vinyl chloride	0.02	ND		0.0054	ND		0.0069	ND		0.0067	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0063	ND		0.0060	ND		0.0057	ND		0.0060	ND	J	0.0054	ND		0.0057
Xylenes (Total)	NA	ND		0.0011	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0011	ND		0.0012	ND	J	0.0011	ND		0.0011
SEMI-VOLATILE ORGANICS (SVOCs)																																				
Total SVO TICs	NA	220	J		140	J		94	J		42	J		170	J		270	J		72	J		77	J		200	J		140	J		170	J		180	J	
1,2,4-Trichlorobenzene	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
1,2-Diphenylhydrazine	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
2,4,5-Trichlorophenol	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
2,4,6-Trichlorophenol	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
2,4-Dichlorophenol	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
2,4-Dimethylphenol	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
2,4-Dinitrophenol	NA	ND		1.1	ND		0.47	ND	UJ	0.45	ND	UJ	0.40	ND		0.41	ND		0.73	ND	UJ	0.43	ND	UJ	0.40	ND		1.2	ND		0.40	ND	J	1.1	ND		1.1
2,4-Dinitrotoluene	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23

TABLE 1
SOIL SAMPLING AND ANALYSES DATA SUMMARY
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.

	SAMPLE ID:	MW-8S-A			MW-8S-B			WB-5			WB-6			WB-7			WB-8S			WB-8D			WB-9			ST-1S			ST-1D			DS-1			DS-3		
	LAB ID:	AC49930-001			AC49930-002			AC49930-003			AC49930-004			AC49930-005			AC49930-006			AC49930-007			AC49930-008			AC49930-009			AC49930-010			AC49930-019			AC49930-021		
	COLLECTION DATE:	2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010		
	SAMPLE DEPTH:	1.5 to 2.0			13.5 to 14.0			22.5 to 23.0			10.5 to 11.0			13.0 to 13.5			1.0 to 1.5			16.0 to 16.5			20.0 to 20.5			1.5 to 2.0			7.5 to 8.0								
	SAMPLE MATRIX:	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil		
ANALYTE	NYSDEC RPUUSCO	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
2,6-Dinitrotoluene	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
2-Chloronaphthalene	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
2-Chlorophenol	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
2-Methylnaphthalene	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
2-Methylphenol	0.33	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
2-Nitroaniline	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
2-Nitrophenol	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
3&4-Methylphenol	0.33	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
3,3'-Dichlorobenzidine	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
3-Nitroaniline	NA	ND		0.22	ND		0.094	ND	UJ	0.090	ND	UJ	0.080	ND		0.082	ND		0.15	ND	UJ	0.085	ND	UJ	0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
4,6-Dinitro-2-methylphenol	NA	ND		0.22	ND		0.47	ND	UJ	0.45	ND	UJ	0.40	ND		0.41	ND		0.15	ND	UJ	0.43	ND	UJ	0.40	ND		0.23	ND		0.40	ND	J	1.1	ND		1.1
4-Bromophenyl-phenylether	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
4-Chloro-3-methylphenol	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
4-Chloroaniline	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
4-Chlorophenyl-phenylether	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
4-Nitroaniline	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
4-Nitrophenol	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
Acenaphthene	20	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	0.24	J	0.22	ND		0.23
Acenaphthylene	100	0.35		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	0.17		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	0.39	J	0.22	0.93		0.23
Aniline	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
Anthracene	100	0.30		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	0.16		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	0.65	J	0.22	0.49		0.23
Benzidine	NA	ND		1.1	ND		0.47	ND		0.45	ND		0.40	ND		0.41	ND		0.73	ND		0.43	ND		0.40	ND		1.2	ND		0.40	ND	J	1.1	ND		1.1
Benzo[a]anthracene	1 {5.6}	**1.5**		**0.22**	ND		0.094	ND		0.090	ND		0.080	ND		0.082	0.57		0.15	0.22		0.085	ND		0.080	0.81		0.23	ND		0.080	**2.1**	**J**	**0.22**	**2.0**		**0.23**
Benzo[a]pyrene	1 {1}	**1.5***		0.22	0.11		0.094	**1.6***		0.090	ND		0.080	ND		0.082	0.74		0.15	0.47		0.085	0.098		0.080	0.86		0.23	**ND**		0.080	**2.5***	**J**	**0.22**	**3.6***		**0.23**
Benzo[b]fluoranthene	1 {5.6}	**2.2**		**0.22**	ND		0.094	ND		0.090	ND		0.080	ND		0.082	0.90		0.15	0.50		0.085	ND		0.080	**1.1**		**0.23**	ND		0.080	**3.0**	**J**	**0.22**	**4.0**		**0.23**
Benzo[g,h,i]perylene	100	1.2		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	0.60		0.15	0.30		0.085	ND		0.080	0.59		0.23	ND		0.080	1.5	J	0.22	3.0		0.23
Benzo[k]fluoranthene	0.8 {56}	0.76		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	0.31		0.15	0.19		0.085	ND		0.080	0.39		0.23	ND		0.080	**0.87**	**J**	**0.22**	**1.2**		**0.23**
Benzoic acid	NA	ND		1.1	ND		0.47	ND		0.45	ND		0.40	ND		0.41	ND		0.73	ND		0.43	ND		0.40	ND		1.2	ND		0.40	ND	J	1.1	ND		1.1
bis(2-Chloroethoxy)methane	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
bis(2-Chloroethyl)ether	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
bis(2-Chloroisopropyl)ether	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
bis(2-Ethylhexyl)phthalate	50	ND		0.22	ND		0.094	ND		0.090	0.090		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	0.26		0.23	ND		0.080	0.56	J	0.22	ND		0.23
Butylbenzylphthalate	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
Carbazole	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	0.23	J	0.22	ND		0.23
Chrysene	1 {56}	**1.4**		**0.22**	ND		0.094	ND		0.090	ND		0.080	ND		0.082	0.61		0.15	0.19		0.085	ND		0.080	0.76		0.23	**ND**		0.080	**2.0**	**J**	**0.32**	**2.2**		**0.23**
Dibenzo[a,h]anthracene	0.33 {0.56}	**0.47**		**0.22**	ND		0.094	ND		0.090	ND		0.080	ND		0.082	0.18		0.15	0.13		0.085	ND		0.080	ND		0.23	ND		0.080	**0.50**	**J**	**0.22**	**0.49***		**0.23**
Dibenzofuran	7	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	**ND**		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
Diethylphthalate	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	**ND**		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
Dimethylphthalate	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	**ND**		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
Di-n-butylphthalate	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	**ND**		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
Di-n-octylphthalate	100	ND		0.22	ND		0.094	ND		0.090	ND		0.080	0.21		0.082	**ND**		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
Fluoranthene	100	2.2		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	1.1		0.15	0.16		0.085	ND		0.080	1.4		0.23	ND		0.080	3.6	J	0.22	2.4		0.23
Fluorene	30	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	**ND**		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	0.31	J	0.22	ND		0.23
Hexachlorobenzene	0.33	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
Hexachlorobutadiene	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
Hexachlorocyclopentadiene	NA	ND		1.1	ND		0.47	ND		0.090	ND		0.080	ND		0.41	ND	UJ	0.73	ND	UJ	0.085	ND		0.080	ND	UJ	1.2	ND		0.40	ND	J/UJ	1.1	ND	UJ	1.1
Hexachloroethane	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	ND	J	0.22	ND		0.23
Indeno[1,2,3-cd]pyrene	0.5 {5.6}	**1.2**		**0.22**	ND		0.094	ND		0.090	ND		0.080	ND		0.082	**0.53**		**0.15**	0.28		0.085	ND		0.080	**0.56**		**0.23**	ND		0.080	**1.5**	**J**	**0.22**	**2.6**		**0.23**
Isophorone	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	**ND**	J	0.22	ND		0.23
Naphthalene	12	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	**ND**	J	0.22	ND		0.23
Nitrobenzene	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	**ND**	J	0.22	ND		0.23
N-Nitrosodimethylamine	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	**ND**	J	0.22	ND		0.23
N-Nitroso-di-n-propylamine	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	**ND**	J	0.22	ND		0.23
N-Nitrosodiphenylamine	NA	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	ND		0.080	**ND**	J	0.22	ND		0.23
Pentachlorophenol	0.8	ND		1.1	ND		0.47	ND		0.45	ND		0.40	ND		0.41	ND		0.73	ND		0.43	ND		0.40	ND		1.2	ND		0.40	ND	J	1.1	ND		1.1
Phenanthrene	100	0.97		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	0.61		0.15	ND		0.085	ND		0.080	0.68		0.23	**ND**		0.080	2.2	J	0.22	0.80		0.23
Phenol	0.33	ND		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	ND		0.15	ND		0.085	ND		0.080	ND		0.23	**ND**		0.080	**ND**	J	0.22	ND		0.23
Pyrene	100	2.2		0.22	ND		0.094	ND		0.090	ND		0.080	ND		0.082	1.1		0.15	0.15		0.085	ND		0.080	1.4		0.23	**ND**		0.080	3.3	J	0.22	2.4		0.23
METALS																																						
Mercury	0.18 {2.8} [0.2]	**0.57**		**0.091**	ND		0.12	ND		0.11	ND		0.10	ND		0.10	**0.31**		**0.092**	**0.22**		**0.11**	ND		0.10	**0.24**		**0.097**	ND		0.10	**0.30**	**J**	**0.091**	**0.45**	**J**	**0.095**
Aluminum	10,000	6,700		220	**14,000**		**280**	**12,000**		**270**	**14,000**		**240**	**13,000**		**250**	8,500		220	8,400		260	10,000		240	6,900		230	9,400		240	6,500		220	8,800		230
Antimony	12	ND		2.2	ND		2.8	ND		2.7	ND		2.4	ND		2.5	ND		2.2	ND		2.6	ND		2.4	ND		2.3	ND		2.4	ND	UJ	2.2	ND	UJ	2.3
Arsenic	13	2.8		2.2	3.2		2.8	ND		2.7	ND		2.4	ND		2.5	2.3		2.2	ND		2.6	3.5		2.4	4.6		2.3	ND		2.4	2.9		2.2	4.6		2.3
Barium	350	130		11	100		14	74		14	61		12	43		12	96		11	70		13	70		12	91		12	81		12	100	J	11	100	J	11
Beryllium	7.2	ND		0.65	ND		0.85	ND		0.81	ND		0.72	ND		0.74	ND		0.66	ND		0.77	ND		0.72	ND		0.70	ND		0.72	ND		0.65	ND		0.68
Cadmium	2.5	ND		0.65	ND		0.85	ND		0.81	ND		0.72	ND		0.74	ND		0.66	ND		0.77	ND		0.72	ND		0.70	ND		0.72	ND		0.65	ND		0.68
Calcium	10,000	**13,000**		**1,100**	ND		1,400	1,900		1,400	2,400		1,200	1,300		1,200	**33,000**		**1,100**	8,400		1,300	ND		1,200	**15,000**		**1,200**	4,400		1,200	**21,000**	**J**	**1,100**	**14,000**	**J**	**1,100**
Chromium	30 {400} [40]	15	J	5.4	24	J	7.0	**37**	**J**	**6.8**	**40**	**J**	**6.0**	18	J	6.2	14	J	5.5	18	J	6.4	19	J	6.0	**110**	**J**	**5.8**	21	J	6.0	16	J	5.4	21	J	5.7
Cobalt	20	5.5		2.7	8.3		3.5	5.8		3.4	7.8		3.0	6.5		3.1	4.9		2.7	7.2		3.2	7.9		3.0	6.6		2.9	7.6		3.0	5.6		2.7	6.7		2.8
Copper	50	25		5.4	14		7.0	19		6.8	18		6.0	9.3		6.2	26		5.5	16		6.4	10		6.0	46		5.8	17		6.0	31		5.4	31		5.7

TABLE 1
SOIL SAMPLING AND ANALYSES DATA SUMMARY
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.

	SAMPLE ID:	MW-8S-A			MW-8S-B			WB-5			WB-6			WB-7			WB-8S			WB-8D			WB-9			ST-1S			ST-1D			DS-1			DS-3		
	LAB ID:	AC49930-001			AC49930-002			AC49930-003			AC49930-004			AC49930-005			AC49930-006			AC49930-007			AC49930-008			AC49930-009			AC49930-010			AC49930-019			AC49930-021		
	COLLECTION DATE:	2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010		
	SAMPLE DEPTH:	1.5 to 2.0			13.5 to 14.0			22.5 to 23.0			10.5 to 11.0			13.0 to 13.5			1.0 to 1.5			16.0 to 16.5			20.0 to 20.5			1.5 to 2.0			7.5 to 8.0								
	SAMPLE MATRIX:	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil		
ANALYTE	**NYSDEC RPUUSCO**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Iron	2,000	**14,000**		**220**	**19,000**		**280**	**15,000**		**270**	**21,000**		**240**	**17,000**		**250**	**12,000**		**220**	**18,000**		**260**	**19,000**		**240**	**37,000**		**230**	**17,000**		**240**	**14,000**		**230**	**15,000**		**230**
Lead	63 {1,000} [500]	**230**		**5.4**	8.6		7.0	6.9		6.8	7.5		6.0	ND		6.2	**130**		**5.5**	27		6.4	6.6		6.0	**230**		**5.8**	20		6.0	**190**		**5.4**	**170**		**5.7**
Magnesium	NA	5,600		540	3,800		700	4,100		680	4,100		600	3,400		620	7,700		550	6,900		640	3,600		600	7,100		580	5,300		600	8,100	J	540	7,300	J	570
Manganese	1,600	180		11	230		14	150		14	220		12	130		12	180		11	380		13	220		12	350		12	220		12	200	J	11	260	J	11
Nickel	30	13		5.4	19		7.0	19		6.8	18		6.0	13		6.2	12		5.5	15		6.4	16		6.0	23		5.8	16		6.0	13		5.4	16		5.7
Potassium	NA	2,200		540	970		700	870		680	1,500		600	800		620	1,700		550	2,300		640	1,200		600	1,500		580	2,900		600	1,500		540	2,000		570
Selenium	3.9	ND		2.0	ND		2.5	ND		2.4	ND		2.2	ND		2.2	ND		2.0	ND		2.3	ND		2.2	ND		2.1	ND		2.2	ND		2.0	ND		2.0
Silver	2	ND		1.6	ND		2.1	ND		2.0	ND		1.8	ND		1.9	ND		1.6	ND		1.9	ND		1.8	ND		1.7	ND		1.8	ND		1.6	ND		1.7
Sodium	NA	970		270	370		350	ND		340	470		300	440		310	560		270	ND		320	510		300	800		290	750		300	980		270	630		280
Thallium	5	ND		1.3	ND		1.7	ND		1.6	ND		1.4	ND		1.5	ND		1.3	ND		1.5	ND		1.4	ND		1.4	ND		1.4	ND		1.3	ND		1.4
Vanadium	100	22	J	11	26	J	14	33	J	14	30	J	12	27	J	12	21	J	11	24	J	13	26	J	12	23	J	12	26	J	12	25	J	11	25		11
Zinc	109 {10,000} [50]	**150**	**J**	**11**	49	J	14	50	J	14	45	J	12	35	J	12	**110**	**J**	**11**	42	J	13	43	J	12	**250**	**J**	**12**	44	J	12	**130**		**11**	**130**		**11**
POLYCHLORINATED BIPHENYLS (PCBs)																																					
Aroclor (Total)	NA	ND		0.027	ND		0.035	ND		0.034	ND		0.030	ND		0.031	ND		0.027	ND		0.032	ND		0.030	ND		0.029	ND		0.030	ND	J	0.027	ND		0.028
Aroclor-1016	0.1	ND		0.027	ND		0.035	ND		0.034	ND		0.030	ND		0.031	ND		0.027	ND		0.032	ND		0.030	ND		0.029	ND		0.030	ND	J	0.027	ND		0.028
Aroclor-1221	0.1	ND		0.027	ND		0.035	ND		0.034	ND		0.030	ND		0.031	ND		0.027	ND		0.032	ND		0.030	ND		0.029	ND		0.030	ND	J	0.027	ND		0.028
Aroclor-1232	0.1	ND		0.027	ND		0.035	ND		0.034	ND		0.030	ND		0.031	ND		0.027	ND		0.032	ND		0.030	ND		0.029	ND		0.030	ND	J	0.027	ND		0.028
Aroclor-1242	0.1	ND		0.027	ND		0.035	ND		0.034	ND		0.030	ND		0.031	ND		0.027	ND		0.032	ND		0.030	ND		0.029	ND		0.030	ND	J	0.027	ND		0.028
Aroclor-1248	0.1	ND		0.027	ND		0.035	ND		0.034	ND		0.030	ND		0.031	ND		0.027	ND		0.032	ND		0.030	ND		0.029	ND		0.030	ND	J	0.027	ND		0.028
Aroclor-1254	0.1	ND		0.027	ND		0.035	ND		0.034	ND		0.030	ND		0.031	ND		0.027	ND		0.032	ND		0.030	ND		0.029	ND		0.030	ND	J	0.027	ND		0.028
Aroclor-1260	0.1	ND		0.027	ND		0.035	ND		0.034	ND		0.030	ND		0.031	ND		0.027	ND		0.032	ND		0.030	ND		0.029	ND		0.030	ND	J	0.027	ND		0.028
Aroclor-1262	0.1	ND		0.027	ND		0.035	ND		0.034	ND		0.030	ND		0.031	ND		0.027	ND		0.032	ND		0.030	ND		0.029	ND		0.030	ND	J	0.027	ND		0.028
Aroclor-1268	NA	ND		0.027	ND		0.035	ND		0.034	ND		0.030	ND		0.031	ND		0.027	ND		0.032	ND		0.030	ND		0.029	ND		0.030	ND	J	0.027	ND		0.028
PESTICIDES																																					
Aldrin	0.005	ND		0.0054	ND		0.0070	ND		0.0068	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0064	ND		0.0060	ND		0.0058	ND		0.0060	ND	J	0.0054	ND		0.0057
Alpha-BHC	0.02	ND		0.0011	ND		0.0014	ND		0.0014	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0012	ND	J	0.0011	ND		0.0011
beta-BHC	0.036	ND		0.0011	ND		0.0014	ND		0.0014	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0012	ND	J	0.0011	ND		0.0011
Chlordane	0.09	ND		0.011	ND		0.014	ND		0.014	ND		0.012	ND		0.012	ND		0.011	ND		0.013	ND		0.012	ND		0.012	ND		0.012	0.018	J	0.011	ND		0.011
delta-BHC	0.04	ND		0.0054	ND		0.0070	ND		0.0068	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0064	ND		0.0060	ND		0.0058	ND		0.0060	ND	J	0.0054	ND		0.0057
Dieldrin	0.005	ND		0.0011	ND		0.0014	ND		0.0014	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0012	ND	J	0.0011	ND		0.0011
Endosulfan I	2.4	ND		0.0054	ND		0.0070	ND		0.0068	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0064	ND		0.0060	ND		0.0058	ND		0.0060	ND	J	0.0054	ND		0.0057
Endosulfan II	2.4	ND		0.0054	ND		0.0070	ND		0.0068	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0064	ND		0.0060	ND		0.0058	ND		0.0060	ND	J	0.0054	ND		0.0057
Endosulfan Sulfate	2.4	ND		0.0054	ND		0.0070	ND		0.0068	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0064	ND		0.0060	ND		0.0058	ND		0.0060	ND	J	0.0054	ND		0.0057
Endrin	0.014	ND		0.0054	ND		0.0070	ND		0.0068	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0064	ND		0.0060	ND		0.0058	ND		0.0060	ND	J	0.0054	ND		0.0057
Endrin Aldehyde	NA	ND		0.0054	ND		0.0070	ND		0.0068	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0064	ND		0.0060	ND		0.0058	ND		0.0060	ND	J	0.0054	ND		0.0057
Endrin Ketone	NA	ND		0.0054	ND		0.0070	ND		0.0068	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0064	ND		0.0060	ND		0.0058	ND		0.0060	ND	J	0.0054	ND		0.0057
gamma-BHC	0.1	ND		0.0011	ND		0.0014	ND		0.0014	ND		0.0012	ND		0.0012	ND		0.0011	ND		0.0013	ND		0.0012	ND		0.0012	ND		0.0012	ND	J	0.0011	ND		0.0011
Heptachlor	0.042	ND		0.0054	ND		0.0070	ND		0.0068	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0064	ND		0.0060	ND		0.0058	ND		0.0060	ND	J	0.0054	ND		0.0057
Heptachlor Epoxide	0.02	ND		0.0054	ND		0.0070	ND		0.0068	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0064	ND		0.0060	ND		0.0058	ND		0.0060	ND	J	0.0054	ND		0.0057
Methoxychlor	1.2	ND		0.0054	ND		0.0070	ND		0.0068	ND		0.0060	ND		0.0062	ND		0.0055	ND		0.0064	ND		0.0060	ND		0.0058	ND		0.0060	ND	J	0.0054	ND		0.0057
p,p'-DDD	0.0033 {93}	ND		0.0027	ND		0.0035	ND		0.0034	ND		0.0030	ND		0.0031	ND		0.0027	ND		0.0032	ND		0.0030	**0.0043**		**0.0029**	ND		0.0030	ND	J	0.0027	ND		0.0028
p,p'-DDE	0.0033	ND		0.0027	ND		0.0035	ND		0.0034	ND		0.0030	ND		0.0031	ND		0.0027	ND		0.0032	ND		0.0030	ND		0.0029	ND		0.0030	ND	J	0.0027	ND		0.0028
p,p'-DDT	0.0033	ND		0.0027	ND		0.0035	ND		0.0034	ND		0.0030	ND		0.0031	ND		0.0027	ND		0.0032	ND		0.0030	ND		0.0029	ND		0.0030	ND	J	0.0027	ND		0.0028
Toxaphene	NA	ND		0.027	ND		0.035	ND		0.034	ND		0.030	ND		0.031	ND		0.027	ND		0.032	ND		0.030	ND		0.029	ND		0.030	ND	J	0.027	ND		0.028
OTHER PARAMETERS																																					
Cyanide	27	0.46		0.27	ND		0.35	ND		0.34	ND		0.3	ND		0.31	ND		0.27	ND		0.32	ND		0.3	ND		0.29	ND		0.3	ND		0.27	ND		0.28

Notes
Shaded and Bold value indicates an exceedence of the NYSDEC RPUUSCO
Red, Bold, and Asterisked value indicates an exceedence of the NYSDEC RPUUSCO and RPRUCOCP
All results reported in parts per million (ppm or mg/kg)
Sample depths reported in feet below ground surface (fbgs)
RPUUSCO - NYSDEC Remedial Program Unrestricted Use Soil Cleanup Objective
{ } - NYSDEC Remedial Program Restricted Use Cleanup Objective for Commercial Properties (RPRUCOCP), shown in braces
[ ] - Eastern USA Background, shown in brackets
Flg - Data Qualifier
RL - Laboratory Reporting Limit
ND - Not Detected exceeding RL
NA - No Applicable NYSDEC Soil Cleanup Objective
J - Detected at an estimated concentration
R - Rejected
J/UJ -Bias

TABLE 2
SOIL SAMPLING AND ANALYSES DATA SUMMARY
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	SAMPLE ID:	MW-5			WB-1			MW-6S			WB-2			MW-7S			WB-3			WB-4		
	LAB ID:	AC42169-005			AC42169-001			AC42868-004			AC42868-001			AC42868-005			AC42868-002			AC42868-003		
	COLLECTION DATE:	1/13/2009			1/13/2009			2/20/2009			2/20/2009			2/19/2009			2/19/2009			2/19/2009		
	SAMPLE DEPTH (fbgs):	13.5 to 14.0			18.5 to 19.0			13.0 to 13.5			15.0 to 15.5			12.5 to 13.0			19.5 to 20.0			20.0 to 20.5		
	SAMPLE MATRIX:	Soil			Soil			Soil			Soil			Soil			Soil			Soil		
ANALYTE	NYSDEC RPSCO	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
VOLATILE ORGANICS (VOs)																						
Total VO TICs	NA	~		~	~		~	ND			ND			ND			ND			ND		
1,1,1-Trichloroethane	0.68	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
1,1,2,2-Tetrachloroethane	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	ND		0.0074	ND		0.0074	ND	J	0.0063	0.0089	J	0.0068	0.0088	J	0.0065	0.019	J	0.0062	ND	J	0.0063
1,1,2-Trichloroethane	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
1,1-Dichloroethane	0.27	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
1,1-Dichloroethene	0.33	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
1,2,3-Trichloropropane	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
1,2,4-Trimethylbenzene	3.6	ND		0.0015	ND		0.0015	ND		0.0013	ND		0.0014	ND		0.0013	ND		0.0012	0.0016		0.0013
1,2-Dichlorobenzene	1.1	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
1,2-Dichloroethane	0.02	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
1,2-Dichloropropane	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
1,3,5-Trimethylbenzene	8.4	ND		0.0015	ND		0.0015	ND		0.0013	ND	UJ	0.0014	ND		0.0013	ND		0.0012	ND		0.0013
1,3-Dichlorobenzene	2.4	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
1,3-Dichloropropane	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
1,4-Dichlorobenzene	1.8	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
1,4-Dioxane	0.1	ND		0.37	ND		0.37	ND		0.31	ND		0.34	ND		0.33	ND		0.31	ND		0.32
2-Butanone	0.12	ND		0.0074	ND		0.0074	ND	UJ	0.0063	0.039		0.0068	ND	UJ	0.0065	ND	UJ	0.0062	ND	UJ	0.0063
2-Chloroethylvinylether	NA	ND		0.0074	ND		0.0074	ND	UJ	0.0063	ND		0.0068	ND	UJ	0.0065	ND	UJ	0.0062	ND	UJ	0.0063
2-Hexanone	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
4-Isopropyltoluene	NA	ND		0.0015	ND		0.0015	ND		0.0013	ND	UJ	0.0014	ND		0.0013	ND		0.0012	ND		0.0013
4-Methyl-2-pentanone	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Acetone	0.05 {500}	**0.084**		**0.037**	**0.083**		**0.037**	0.043		0.031	**0.19**		**0.034**	ND		0.033	ND		0.031	ND		0.032
Acrolein	NA	ND	UJ	0.037	ND	UJ	0.037	ND		0.031	ND		0.034	ND		0.033	ND		0.031	ND		0.032
Acrylonitrile	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Benzene	0.06	ND		0.0015	ND		0.0015	ND		0.0013	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0013
Bromodichloromethane	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Bromoform	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Bromomethane	NA	ND	UJ	0.0074	ND	UJ	0.0074	ND	UJ	0.0063	ND	UJ	0.0068	ND	UJ	0.0065	ND	UJ	0.0062	ND	UJ	0.0063
Carbon disulfide	2.7	ND		0.0074	0.026		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Carbon tetrachloride	0.76	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Chlorobenzene	1.1	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Chloroethane	NA	ND	UJ	0.0074	ND	UJ	0.0074	ND		0.0063	ND	UJ	0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Chloroform	0.37	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Chloromethane	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND	UJ	0.0068	ND		0.0065	ND		0.0062	ND		0.0063
cis-1,2-Dichloroethene	0.25	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
cis-1,3-Dichloropropene	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Dibromochloromethane	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Dichlorodifluoromethane	NA	ND		0.0074	ND		0.0074	ND	UJ	0.0063	ND		0.0068	ND	UJ	0.0065	ND	UJ	0.0062	ND	UJ	0.0063
Ethylbenzene	1	ND		0.0015	ND		0.0015	ND		0.0013	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0013
Isopropylbenzene	NA	ND		0.0015	ND		0.0015	ND		0.0013	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0013
m&p-Xylenes	0.26	ND		0.003	ND		0.003	ND		0.0025	ND		0.0027	ND		0.0026	ND		0.0025	ND		0.0025
Methylene chloride	0.05	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	0.0075		0.0062	ND		0.0063
Methyl-t-butyl ether	0.93	ND		0.0015	ND		0.0015	ND		0.0013	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0013

TABLE 2
SOIL SAMPLING AND ANALYSES DATA SUMMARY
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	SAMPLE ID:	MW-5			WB-1			MW-6S			WB-2			MW-7S			WB-3			WB-4		
	LAB ID:	AC42169-005			AC42169-001			AC42868-004			AC42868-001			AC42868-005			AC42868-002			AC42868-003		
	COLLECTION DATE:	1/13/2009			1/13/2009			2/20/2009			2/20/2009			2/19/2009			2/19/2009			2/19/2009		
	SAMPLE DEPTH (fbgs):	13.5 to 14.0			18.5 to 19.0			13.0 to 13.5			15.0 to 15.5			12.5 to 13.0			19.5 to 20.0			20.0 to 20.5		
	SAMPLE MATRIX:	Soil			Soil			Soil			Soil			Soil			Soil			Soil		
ANALYTE	**NYSDEC RPSCO**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
n-Butylbenzene	12	ND		0.0015	ND		0.0015	ND		0.0013	ND	UJ	0.0014	ND		0.0013	ND		0.0012	ND		0.0013
n-Propylbenzene	3.9	ND		0.0015	ND		0.0015	ND		0.0013	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0013
o-Xylene	0.26	ND		0.0015	ND		0.0015	ND		0.0013	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0013
sec-Butylbenzene	11	ND		0.0015	ND		0.0015	ND		0.0013	ND	UJ	0.0014	ND		0.0013	ND		0.0012	ND		0.0013
Styrene	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
t-Butyl Alcohol	NA	0.082		0.037	ND		0.037	ND		0.031	ND		0.034	ND		0.033	ND		0.031	ND		0.032
t-Butylbenzene	NA	ND		0.0015	ND		0.0015	ND		0.0013	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0013
Tetrachloroethene	1.3	0.029		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Toluene	0.7	0.0026		0.0015	0.0018		0.0015	ND		0.0013	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0013
trans-1,2-Dichloroethene	0.19	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
trans-1,3-Dichloropropene	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Trichloroethene	0.47	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Trichlorofluoromethane	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Vinyl chloride	0.02	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Xylenes (Total)	NA	ND		0.0015	ND		0.0015	ND		0.0013	ND		0.0014	ND		0.0013	ND		0.0012	ND		0.0013
SEMI-VOLATILE ORGANICS (SVOs)																						
Total SVO TICs	NA	~		~	~		~	74	J		86	J		83	J		78	J		78	J	
1,2,4-Trichlorobenzene	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
1,2-Diphenylhydrazine	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
2,4,5-Trichlorophenol	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
2,4,6-Trichlorophenol	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
2,4-Dichlorophenol	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
2,4-Dimethylphenol	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
2,4-Dinitrophenol	NA	ND	UJ	0.49	ND	UJ	0.51	ND		0.42	ND		0.46	ND		0.43	ND		0.42	ND		0.42
2,4-Dinitrotoluene	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
2,6-Dinitrotoluene	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
2-Chloronaphthalene	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
2-Chlorophenol	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
2-Methylnaphthalene	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
2-Methylphenol	0.33	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
2-Nitroaniline	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
2-Nitrophenol	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
3&4-Methylphenol	0.33	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
3,3'-Dichlorobenzidine	NA	ND	UJ	0.098	ND	UJ	0.1	ND	UJ	0.084	ND	UJ	0.093	ND	UJ	0.087	ND	UJ	0.084	ND	UJ	0.084
3-Nitroaniline	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
4,6-Dinitro-2-methylphenol	NA	ND		0.49	ND		0.51	ND		0.42	ND		0.46	ND		0.43	ND		0.42	ND		0.42
4-Bromophenyl-phenylether	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
4-Chloro-3-methylphenol	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
4-Chloroaniline	NA	ND	UJ	0.098	ND	UJ	0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
4-Chlorophenyl-phenylether	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
4-Nitroaniline	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
4-Nitrophenol	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Acenaphthene	20	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Acenaphthylene	100	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Aniline	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084

TABLE 2
SOIL SAMPLING AND ANALYSES DATA SUMMARY
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	SAMPLE ID:	MW-5			WB-1			MW-6S			WB-2			MW-7S			WB-3			WB-4		
	LAB ID:	AC42169-005			AC42169-001			AC42868-004			AC42868-001			AC42868-005			AC42868-002			AC42868-003		
	COLLECTION DATE:	1/13/2009			1/13/2009			2/20/2009			2/20/2009			2/19/2009			2/19/2009			2/19/2009		
	SAMPLE DEPTH (fbgs):	13.5 to 14.0			18.5 to 19.0			13.0 to 13.5			15.0 to 15.5			12.5 to 13.0			19.5 to 20.0			20.0 to 20.5		
	SAMPLE MATRIX:	Soil			Soil			Soil			Soil			Soil			Soil			Soil		
ANALYTE	NYSDEC RPSCO	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Anthracene	100	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Benzidine	NA	ND		0.49	ND		0.51	ND		0.42	ND		0.46	ND		0.43	ND		0.42	ND		0.42
Benzo[a]anthracene	1	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Benzo[a]pyrene	1 {1}	ND		0.098	0.42		0.1	ND		0.084	ND		0.093	0.73		0.087	0.45		0.084	**2.0**		**0.084**
Benzo[b]fluoranthene	1	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Benzo[g,h,i]perylene	100	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Benzo[k]fluoranthene	0.8	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Benzoic acid	NA	ND	UJ	0.49	ND	UJ	0.51	ND	UJ	0.42	ND	UJ	0.46	ND	UJ	0.43	ND	UJ	0.42	ND	UJ	0.42
bis(2-Chloroethoxy)methane	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
bis(2-Chloroethyl)ether	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
bis(2-Chloroisopropyl)ether	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
bis(2-Ethylhexyl)phthalate	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Butylbenzylphthalate	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Carbazole	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Chrysene	1	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Dibenzo[a,h]anthracene	0.33	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Dibenzofuran	7	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Diethylphthalate	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Dimethylphthalate	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Di-n-butylphthalate	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Di-n-octylphthalate	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Fluoranthene	100	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Fluorene	30	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Hexachlorobenzene	0.33	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Hexachlorobutadiene	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Hexachlorocyclopentadiene	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Hexachloroethane	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Indeno[1,2,3-cd]pyrene	0.5	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Isophorone	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Naphthalene	12	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Nitrobenzene	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
N-Nitrosodimethylamine	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
N-Nitroso-di-n-propylamine	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
N-Nitrosodiphenylamine	NA	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Pentachlorophenol	0.8	ND		0.98	ND		1	ND		0.42	ND		0.46	ND		0.43	ND		0.42	ND		0.42
Phenanthrene	100	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Phenol	0.33	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084
Pyrene	100	ND		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		0.084

TABLE 2
SOIL SAMPLING AND ANALYSES DATA SUMMARY
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	SAMPLE ID:	MW-5			WB-1			MW-6S			WB-2			MW-7S			WB-3			WB-4		
	LAB ID:	AC42169-005			AC42169-001			AC42868-004			AC42868-001			AC42868-005			AC42868-002			AC42868-003		
	COLLECTION DATE:	1/13/2009			1/13/2009			2/20/2009			2/20/2009			2/19/2009			2/19/2009			2/19/2009		
	SAMPLE DEPTH (fbgs):	13.5 to 14.0			18.5 to 19.0			13.0 to 13.5			15.0 to 15.5			12.5 to 13.0			19.5 to 20.0			20.0 to 20.5		
	SAMPLE MATRIX:	Soil			Soil			Soil			Soil			Soil			Soil			Soil		
ANALYTE	**NYSDEC RPSCO**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
METALS																						
Mercury	0.18 [0.001-0.2]	~		~	~		~	0.14		0.11	ND		0.12	ND		0.11	ND		0.11	ND		0.11
Aluminum	10000	~		~	~		~	7,900		250	**13,000**		**280**	**11,000**		**260**	**13,000**		**250**	6,800		250
Antimony	12	~		~	~		~	ND		2.5	ND		2.8	ND		2.6	ND		2.5	ND		2.5
Arsenic	13 [3-12]	~		~	~		~	ND		2.5	3.4		2.8	ND		2.6	ND		2.5	ND		2.5
Barium	350 [15-600]	~		~	~		~	76		13	110		14	98		13	110		13	41		13
Beryllium	7.2 [0-0.75]	~		~	~		~	ND		0.76	ND		0.83	ND		0.78	ND		0.76	ND		0.76
Cadmium	2.5 [0.1-1]	~		~	~		~	ND		0.76	ND		0.83	ND		0.78	ND		0.76	ND		0.76
Calcium	10,000 [130-35,500]	~		~	~		~	4,500		1,300	ND		1,400	1,900		1,300	1,300		1,300	ND		1,300
Chromium	30 {400} [1.5-40]	~		~	~		~	17	J	6.3	25	J	6.9	**36**	**J**	**6.5**	**36**	**J**	**6.3**	19	J	6.3
Cobalt	20 [2.5-60]	~		~	~		~	7.4	J	3.2	9.3	J	3.5	6.9	J	3.2	9.4	J	3.2	5.8	J	3.2
Copper	50 [1-50]	~		~	~		~	19	J	6.3	15	J	6.9	9.9	J	6.5	13	J	6.3	7.3	J	6.3
Iron	2,000 [2,000-550,000]	~		~	~		~	**13,000**		**250**	**19,000**		**280**	**11,000**		**260**	**15,000**		**250**	**8,800**		**250**
Lead	63 [200-500]	~		~	~		~	61		6.3	8.5		6.9	7.0		6.5	ND		6.3	ND		6.3
Magnesium	NA [100-5,000]	~		~	~		~	4,600		630	3,600		690	3,800		650	3,600		630	2,700		630
Manganese	1,600 [50-5,000]	~		~	~		~	260		13	300		14	110		13	120		13	110		13
Nickel	30 [0.5-25]	~		~	~		~	12		6.3	16		6.9	17		6.5	22		6.3	11		6.3
Potassium	NA [8,500-43,000]	~		~	~		~	1,900	J	630	760	J	690	840	J	650	710	J	630	650	J	630
Selenium	3.9 [0.1-3.97]	~		~	~		~	ND		2.3	ND		2.5	ND		2.3	ND		2.3	ND		2.3
Silver	2.0	~		~	~		~	ND		1.9	ND		2.1	ND		1.9	ND		1.9	ND		1.9
Sodium	NA [6,000-8,000]	~		~	~		~	ND		320	ND		350	ND		320	ND		320	ND		320
Thallium	5	~		~	~		~	ND		1.5	ND		1.7	ND		1.6	ND		1.5	ND		1.5
Vanadium	39 [1-300]	~		~	~		~	21		13	25		14	24		13	30		13	18		13
Zinc	109 [9-50]	~		~	~		~	45	J	13	44	J	14	41	J	13	39	J	13	29	J	13
POLYCHLORINATED BIPHENYLS (PCBs)																						
Aroclor (Total)	0.1	~		~	~		~	ND		0.032	ND		0.035	ND		0.032	ND		0.032	ND		0.032
Aroclor-1016	0.1	~		~	~		~	ND		0.032	ND		0.035	ND		0.032	ND		0.032	ND		0.032
Aroclor-1221	0.1	~		~	~		~	ND		0.032	ND		0.035	ND		0.032	ND		0.032	ND		0.032
Aroclor-1232	0.1	~		~	~		~	ND		0.032	ND		0.035	ND		0.032	ND		0.032	ND		0.032
Aroclor-1242	0.1	~		~	~		~	ND		0.032	ND		0.035	ND		0.032	ND		0.032	ND		0.032
Aroclor-1248	0.1	~		~	~		~	ND		0.032	ND		0.035	ND		0.032	ND		0.032	ND		0.032
Aroclor-1254	0.1	~		~	~		~	ND		0.032	ND		0.035	ND		0.032	ND		0.032	ND		0.032
Aroclor-1260	0.1	~		~	~		~	ND		0.032	ND		0.035	ND		0.032	ND		0.032	ND		0.032
Aroclor-1262	0.1	~		~	~		~	ND		0.032	ND		0.035	ND		0.032	ND		0.032	ND		0.032
Aroclor-1268	0.1	~		~	~		~	ND		0.032	ND		0.035	ND		0.032	ND		0.032	ND		0.032
PESTICIDES																						
Aldrin	0.005	~		~	~		~	ND		0.0063	ND		0.0069	ND		0.0065	ND		0.0063	ND		0.0063
Alpha-BHC	0.02	~		~	~		~	ND		0.0013	ND		0.0014	ND		0.0013	ND		0.0013	ND		0.0013
beta-BHC	0.036	~		~	~		~	ND		0.0013	ND		0.0014	ND		0.0013	ND		0.0013	ND		0.0013
Chlordane	NA	~		~	~		~	ND		0.013	ND		0.014	ND		0.013	ND		0.013	ND		0.013
delta-BHC	0.04	~		~	~		~	ND		0.0063	ND		0.0069	ND		0.0065	ND		0.0063	ND		0.0063
Dieldrin	0.005	~		~	~		~	ND		0.0013	ND		0.0014	ND		0.0013	ND		0.0013	ND		0.0013
Endosulfan I	2.4	~		~	~		~	ND		0.0063	ND		0.0069	ND		0.0065	ND		0.0063	ND		0.0063
Endosulfan II	2.4	~		~	~		~	ND		0.0063	ND		0.0069	ND		0.0065	ND		0.0063	ND		0.0063
Endosulfan Sulfate	2.4	~		~	~		~	ND		0.0063	ND		0.0069	ND		0.0065	ND		0.0063	ND		0.0063

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	LAB ID:	AC42169-005			AC42169-001			AC42868-004			AC42868-001			AC42868-005			AC42868-002			AC42868-003		
	COLLECTION DATE:	1/13/2009			1/13/2009			2/20/2009			2/20/2009			2/19/2009			2/19/2009			2/19/2009		
	SAMPLE DEPTH (fbgs):	13.5 to 14.0			18.5 to 19.0			13.0 to 13.5			15.0 to 15.5			12.5 to 13.0			19.5 to 20.0			20.0 to 20.5		
	SAMPLE MATRIX:	Soil			Soil			Soil			Soil			Soil			Soil			Soil		
ANALYTE	**NYSDEC RPSCO**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Endrin	0.014	~		~	~		~	ND		0.0063	ND		0.0069	ND		0.0065	ND		0.0063	ND		0.0063
Endrin Aldehyde	NA	~		~	~		~	ND		0.0063	ND		0.0069	ND		0.0065	ND		0.0063	ND		0.0063
Endrin Ketone	NA	~		~	~		~	ND		0.0063	ND		0.0069	ND		0.0065	ND		0.0063	ND		0.0063
gamma-BHC	0.1	~		~	~		~	ND		0.0013	ND		0.0014	ND		0.0013	ND		0.0013	ND		0.0013
Heptachlor	0.042	~		~	~		~	ND		0.0063	ND		0.0069	ND		0.0065	ND		0.0063	ND		0.0063
Heptachlor Epoxide	NA	~		~	~		~	ND		0.0063	ND		0.0069	ND		0.0065	ND		0.0063	ND		0.0063
Methoxychlor	NA	~		~	~		~	ND		0.0063	ND		0.0069	ND		0.0065	ND		0.0063	ND		0.0063
p,p'-DDD	0.0033	~		~	~		~	ND		0.0032	ND		0.0035	ND		0.0032	ND		0.0032	ND		0.0032
p,p'-DDE	0.0033	~		~	~		~	ND		0.0032	ND		0.0035	ND		0.0032	ND		0.0032	ND		0.0032
p,p'-DDT	0.0033	~		~	~		~	ND		0.0032	ND		0.0035	ND		0.0032	ND		0.0032	ND		0.0032
Toxaphene	NA	~		~	~		~	ND		0.032	ND		0.035	ND		0.032	ND		0.032	ND		0.032
OTHER PARAMETERS																						
Cyanide	27	~		~	~		~	ND		0.32	ND		0.35	ND		0.32	ND		0.32	ND		0.32
Percent Solids	NA	68			66			79			72			77			79			79		

NOTES:
Shaded and Bold value indicates an exceedence of the NYSDEC Soil Cleanup Objective
All results reported in parts per million (ppm or mg/kg)
RPSCO - NYSDEC Remedial Program Soil Cleanup Objective (Unrestricted Use)
Flg - Data Qualifier
RL - Laboratory Reporting Limit
ND - Not Detected exceeding RL
NA - No Applicable NYSDEC Soil Cleanup Objective
J - Detected at an estimated concentration/Unknown Bias
~ - Not analyzed for this compound
SB - Site Background
[ ] - Eastern USA Background Level, shown in brackets
{ } - Commercial Soil Cleanup Objective, shown in braces
fbgs - feet below ground surface
UJ - Uknown Bias

Objectives".

Volatile Organic Compounds
Soil Sample Results

Compound	Cleanup Standard (ppm)	SB-1A (ppm)	SB-1B (ppm)	SB-2A (ppm)	SB-2B (ppm)	SB-3A (ppm)	SB-3B (ppm)	SB-4A (ppm)	SB-4B (ppm)
Chloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.2	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1.9	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.4	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	0.1	ND	ND	ND	ND	ND	ND	0.136 B	ND
Carbon Disulfide	2.7	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene (trans)	0.3	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene (cis)	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.2	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.3	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.3	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.1	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.8	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.06	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	0.6	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	0.7	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NS	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	6.0	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1.5	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	N/A	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.6	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1.4	ND	ND	0.145	1.829	ND	ND	0.136	ND
Chlorobenzene	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.5	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	NS	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	1.2	ND	ND	ND	ND	ND	ND	ND	ND
TICs	NS	3.3B	3.9B	2.8B	3.81B	2.7B	2.94B	6.5B	5.8B

Property Solutions INC. 501 Delran Parkway • Unit A • Delran, New Jersey 08075 • 609-764-6000 • Fax 609-764-5491

TABLE 1
SUMMARY OF ANALYTICAL SOIL RESULTS - AUGUST 2003
PROPOSED WALGREEN STORE # 07294
134 WILDEY STREET, TARRYTOWN, N.Y.

Sample ID	B-1	B-2	B-3	B-4	TAGM
Lab Sample Number	03080418-01	03080418-02	03080418-03	03080418-04	Recommended
Sample Depth (ft)*	3-4'	5-6'	5-6'	5-6'	Soil Cleanup
Date Collected	8/12/2003	8/12/2003	8/12/2003	8/12/2003	Objective
Media	Soil	Soil	Soil	Soil	
Semi-Volatile Organic Compounds					
Acenaphthene	N.D	N.D.	N.D.	N.D.	50
Anthracene	N.D	N.D	N.D	N.D.	50
Benzo(a) anthracene	N.D	N.D	0.69	N.D.	.224 or MDL
Benzo(a) pyrene	N.D	N.D	0.78	N.D.	0.061 or MDL
Benzo(b) fluoranthene	N.D	0.53 J	0.81	0.46	0.061 or MDL
Benzo(g,h,i) perylene	N.D	N.D	0.39	N.D.	50
Benzo(k) fluoranthene	N.D	N.D	0.46	N.D.	0.61 or MDL
Chrysene	N.D	N.D	0.69	N.D.	0.4
Dibenz(a,h) anthracene	N.D	N.D	N.D	N.D.	0.0143 or MDL
Fluoranthene	N.D	N.D	1	0.53	50
Fluorene	N.D	N.D	N.D	N.D.	50
Ideno(1,2,3-cd) Pyrene	N.D	N.D	N.D	N.D.	3.2
Naphthalene	N.D	N.D	N.D	N.D.	13
Phenanthrene	N.D	N.D	0.49	0.44	50
Pyrene	N.D	N.D	1	0.61	50
Volatile Organic Compounds					
Tetrachloroethene	ND	0.0079	N.D	N.D	0.7

*Sample depth is in feet below ground surface
All concentrations reported in mg/kg (parts per million)
ND=Non-detect
J Estimated value between MDL and PQL
TAGM=Technical Administrative Guidance Memo #4046
Bold value indicates an exceedance of the TAGM Recommended Soil Cleanup Objective

Prepared by:
ATC Associates Inc.
9/3/2003

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Table I - USEPA 8260 Volatile Organic Compounds
SOIL SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #01 (Sampling Depth in Feet)	NYSDEC TAGM Limits	Analytical Parameters	Soil Borehole #01 (Sampling Depth in Feet)	NYSDEC TAGM Limits
	S1 (4-8')	Soil		S1 (4-8')	Soil
1,1 Dichloroethane	<0.0056ppm	0.002ppm	Chlorobenzene	<0.0056ppm	0.017ppm
1,1 Dichloroethene	<0.0056ppm	0.004ppm	Chlorodibromomethane	<0.0056ppm	N/A
1,1-Dichloropropene	<0.0056ppm	N/A	Chlorodifluoromethane	<0.0056ppm	N/A
1,2 Dibromoethane	<0.0056ppm	N/A	Chloroethane	<0.0056ppm	0.019ppm
1,2 Dichlorobenzene (v)	<0.0056ppm	0.079ppm	Chloroform	<0.0056ppm	0.003ppm
1,2 Dichloroethane	<0.0056ppm	0.001ppm	Chloromethane	<0.0056ppm	N/A
1,2 Dichloropropane	<0.0056ppm	N/A	Dibromochloropropane	<0.0056ppm	N/A
1,3 Dichlorobenzene (v)	<0.0056ppm	0.0155ppm	Dibromomethane	<0.0056ppm	N/A
1,3-Dichloropropane	<0.0056ppm	0.003ppm	Dichlordifluoromethane	<0.0056ppm	N/A
1,4 Dichlorobenzene (v)	<0.0056ppm	0.085ppm	Ethyl Benzene	<0.0056ppm	0.055ppm
111 Trichloroethane	<0.0056ppm	0.0076ppm	Freon 113	<0.0056ppm	0.060ppm
1112Tetrachloroethane	<0.0056ppm	N/A	Hexachlorobutadiene	<0.0056ppm	N/A
112 Trichloroethane	<0.0056ppm	N/A	Isopropylbenzene	<0.0056ppm	0.10ppm*
1122Tetrachloroethane	<0.0056ppm	0.006ppm	m-p-Xylene	<0.011ppm	0.012ppm
123-Trichlorobenzene	<0.0056ppm	N/A	Methyl Ethyl Ketone	<0.056ppm	N/A
123-Trichloropropane	<0.0056ppm	0.0034ppm	Methylene Chloride	<0.0056ppm	0.001ppm
124-Trichlorobenzene (v)	<0.0056ppm	0.034ppm	Methylisobutylketone	<0.056ppm	N/A
124-Trimethylbenzene	<0.0056ppm	0.10ppm*	n-Butylbenzene	<0.0056ppm	0.10ppm*
1245 Tetramethylbenz	<0.0056ppm	0.10ppm*	n-Propylbenzene	<0.0056ppm	0.10ppm*
135-Trimethylbenzene	<0.0056ppm	N/A	Naphthalene(v)	<0.0056ppm	0.130ppm
2,2-Dichloropropane	<0.0056ppm	N/A	o Xylene	<0.0056ppm	0.012ppm
2-Chlorotoluene	<0.0056ppm	N/A	p Diethylbenzene	<0.0056ppm	N/A
4-Chlorotoluene	<0.0056ppm	N/A	p-Ethyltoluene	<0.0056ppm	N/A
Acetone	<0.056ppm	0.0011ppm	p-Isopropyltoluene	<0.0056ppm	0.10ppm*
Benzene	<0.0056ppm	0.0006ppm	sec-Butylbenzene	<0.0056ppm	0.10ppm*
Bromobenzene	<0.0056ppm	N/A	Styrene	<0.0056ppm	N/A
Bromochloromethane	<0.0056ppm	N/A	t-1,2-Dichloroethene	<0.0056ppm	N/A
Bromodichloromethane	<0.0056ppm	N/A	t-1,3Dichloropropene	<0.0056ppm	N/A
Bromoform	<0.0056ppm	N/A	tert.ButylMethylEther (MTBE)	<0.0056ppm	1.0ppm*
Bromomethane	<0.0056ppm	N/A	tert-Butylbenzene	<0.0056ppm	0.1ppm*
c-1,2-Dichloroethene	<0.0056ppm	N/A	Tetrachloroethene	0.018ppm	0.014ppm
c-1,3Dichloropropene	<0.0056ppm	N/A	Toluene	<0.0056ppm	0.015ppm
Carbon Tetrachloride	<0.0056ppm	0.006ppm	Trichloroethylene	<0.0056ppm	N/A
Vinyl Chloride	<0.0056ppm	0.0012ppm	Trichlorofluoromethane	<0.0056ppm	N/A

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, refered to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.

N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per kilogram (parts per billion) ug/L: micrograms per Liter (parts per billion)

Table I - USEPA 8260 Volatile Organic Compounds
SOIL SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #02 (Sampling Depth in Feet)	NYSDEC TAGM Limits	Analytical Parameters	Soil Borehole #02 (Sampling Depth in Feet)	NYSDEC TAGM Limits
	S2 (5-8')	Soil		S2 (5-8')	Soil
1,1 Dichloroethane	<0.0056ppm	0.002ppm	Chlorobenzene	<0.0056ppm	0.017ppm
1,1 Dichloroethene	<0.0056ppm	0.004ppm	Chlorodibromomethane	<0.0056ppm	N/A
1,1-Dichloropropene	<0.0056ppm	N/A	Chlorodifluidromethane	<0.0056ppm	N/A
1,2 Dibromoethane	<0.0056ppm	N/A	Chloroethane	<0.0056ppm	0.019ppm
1,2 Dichlorobenzene (v)	<0.0056ppm	0.079ppm	Chloroform	<0.0056ppm	0.003ppm
1,2 Dichloroethane	<0.0056ppm	0.001ppm	Chloromethane	<0.0056ppm	N/A
1,2 Dichloropropane	<0.0056ppm	N/A	Dibromochloropropane	<0.0056ppm	N/A
1,3 Dichlorobenzene (v)	<0.0056ppm	0.016ppm	Dibromomethane	<0.0056ppm	N/A
1,3-Dichloropropane	<0.0056ppm	0.003ppm	Dichlordifluoromethane	<0.0056ppm	N/A
1,4 Dichlorobenzene (v)	<0.0056ppm	0.085ppm	Ethyl Benzene	<0.0056ppm	0.055ppm
111 Trichloroethane	<0.0056ppm	0.0076ppm	Freon 113	<0.0056ppm	0.060ppm
1112Tetrachloroethane	<0.0056ppm	N/A	Hexachlorobutadiene	<0.0056ppm	N/A
112 Trichloroethane	<0.0056ppm	N/A	Isopropylbenzene	<0.0056ppm	0.10ppm*
1122Tetrachloroethane	<0.0056ppm	0.006ppm	m+p Xylene	<0.011ppm	0.012ppm
123-Trichlorobenzene	<0.0056ppm	N/A	Methyl Ethyl Ketone	<0.056ppm	N/A
123-Trichloropropane	<0.0056ppm	0.0034ppm	Methylene Chloride	<0.0056ppm	0.001ppm
124-Trichlorobenzene (v)	<0.0056ppm	0.034ppm	Methylisobutylketone	<0.056ppm	N/A
124-Trimethylbenzene	<0.0056ppm	0.10ppm*	n-Butylbenzene	<0.0056ppm	0.10ppm*
1245 Tetramethylbenz	<0.0056ppm	0.10ppm*	n-Propylbenzene	<0.0056ppm	0.10ppm*
135-Trimethylbenzene	<0.0056ppm	N/A	Naphthalene(v)	<0.0056ppm	0.130ppm
2,2-Dichloropropane	<0.0056ppm	N/A	o Xylene	<0.0056ppm	0.012ppm
2-Chlorotoluene	<0.0056ppm	N/A	p Diethylbenzene	<0.0056ppm	N/A
4-Chlorotoluene	<0.0056ppm	N/A	p-Ethyltoluene	<0.0056ppm	N/A
Acetone	<0.056ppm	0.0011ppm	p-Isopropyltoluene	<0.0056ppm	0.10ppm*
Benzene	<0.0056ppm	0.0006ppm	sec-Butylbenzene	<0.0056ppm	0.10ppm*
Bromobenzene	<0.0056ppm	N/A	Styrene	<0.0056ppm	N/A
Bromochloromethane	<0.0056ppm	N/A	t-1,2-Dichloroethene	<0.0056ppm	N/A
Bromodichloromethane	<0.0056ppm	N/A	t-1,3Dichloropropene	<0.0056ppm	N/A
Bromoform	<0.0056ppm	N/A	ter.ButylMethylEther (MTBE)	<0.0056ppm	1.0ppm*
Bromomethane	<0.0056ppm	N/A	tert-Butylbenzene	<0.0056ppm	0.1ppm*
c-1,2-Dichloroethene	<0.0056ppm	N/A	Tetrachloroethene	0.082ppm	0.014ppm
c-1,3Dichloropropene	<0.0056ppm	N/A	Toluene	<0.0056ppm	0.015ppm
Carbon Tetrachloride	<0.0056ppm	0.006ppm	Trichloroethylene	<0.0056ppm	N/A
Vinyl Chloride	<0.0056ppm	0.0012ppm	Trichlorofluoromethane	<0.0056ppm	N/A

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, refered to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per kilogram (parts per billion) ug/L: micrograms per Liter (parts per billion)

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Table I - USEPA 8260 Volatile Organic Compounds
SOIL SAMPLE ANALYTICAL DATA

Analytical Parameters*	Soil Borehole #02 (Sampling Depth in Feet)	NYSDEC TAGM Limits	Analytical Parameters	Soil Borehole #02 (Sampling Depth in Feet)	NYSDEC TAGM Limits
	S2A (12')	Soil		S2A (12')	Soil
1,1 Dichloroethane	<0.0058ppm	0.002ppm	Chlorobenzene	<0.0058ppm	0.017ppm
1,1 Dichloroethene	<0.0058ppm	0.004ppm	Chlorodibromomethane	<0.0058ppm	N/A
1,1-Dichloropropene	<0.0058ppm	N/A	Chlorodifluoromethane	<0.0058ppm	N/A
1,2 Dibromoethane	<0.0058ppm	N/A	Chloroethane	<0.0058ppm	0.019ppm
1,2 Dichlorobenzene (v)	<0.0058ppm	0.079ppm	Chloroform	<0.0058ppm	0.003ppm
1,2 Dichloroethane	<0.0058ppm	0.001ppm	Chloromethane	<0.0058ppm	N/A
1,2 Dichloropropane	<0.0058ppm	N/A	Dibromochloropropane	<0.0058ppm	N/A
1,3 Dichlorobenzene (v)	<0.0058ppm	0.0155ppm	Dibromomethane	<0.0058ppm	N/A
1,3-Dichloropropane	<0.0058ppm	0.003ppm	Dichlorodifluoromethane	<0.0058ppm	N/A
1,4 Dichlorobenzene (v)	<0.0058ppm	0.085ppm	Ethyl Benzene	<0.0058ppm	0.055ppm
111 Trichloroethane	<0.0058ppm	0.0076ppm	Freon 113	<0.0058ppm	0.060ppm
1112Tetrachloroethane	<0.0058ppm	N/A	Hexachlorobutadiene	<0.0058ppm	N/A
112 Trichloroethane	<0.0058ppm	N/A	Isopropylbenzene	<0.0058ppm	0.10ppm*
1122Tetrachloroethane	<0.0058ppm	0.006ppm	m+p Xylene	<0.012ppm	0.012ppm
123-Trichlorobenzene	<0.0058ppm	N/A	Methyl Ethyl Ketone	<0.058ppm	N/A
123-Trichloropropane	<0.0058ppm	0.0034ppm	Methylene Chloride	<0.0058ppm	0.001ppm
124-Trichlorobenzene (v)	<0.0058ppm	0.034ppm	Methylisobutylketone	<0.058ppm	N/A
124-Trimethylbenzene	<0.0058ppm	0.10ppm*	n-Butylbenzene	<0.0058ppm	0.10ppm*
1245 Tetramethylbenz	<0.0058ppm	0.10ppm*	n-Propylbenzene	<0.0058ppm	0.10ppm*
135-Trimethylbenzene	<0.0058ppm	N/A	Naphthalene(v)	0.015ppm	0.130ppm
2,2-Dichloropropane	<0.0058ppm	N/A	o Xylene	<0.0058ppm	0.012ppm
2-Chlorotoluene	<0.0058ppm	N/A	p Diethylbenzene	<0.0058ppm	N/A
4-Chlorotoluene	<0.0058ppm	N/A	p-Ethyltoluene	<0.0058ppm	N/A
Acetone	<0.058ppm	0.001ppm	p-Isopropyltoluene	<0.0058ppm	0.10ppm*
Benzene	<0.0058ppm	0.0006ppm	sec-Butylbenzene	<0.0058ppm	0.10ppm*
Bromobenzene	<0.0058ppm	N/A	Styrene	<0.0058ppm	N/A
Bromochloromethane	<0.0058ppm	N/A	t-1,2-Dichloroethene	<0.0058ppm	N/A
Bromodichloromethane	<0.0058ppm	N/A	t-1,3Dichloropropene	<0.0058ppm	N/A
Bromoform	<0.0058ppm	N/A	tert.ButylMethylEther (MTBE)	<0.0058ppm	1.0ppm*
Bromomethane	<0.0058ppm	N/A	tert-Butylbenzene	<0.0058ppm	0.1ppm*
c-1,2-Dichloroethene	<0.0058ppm	N/A	Tetrachloroethene	0.028ppm	0.014ppm
c-1,3Dichloropropene	<0.0058ppm	N/A	Toluene	<0.0058ppm	0.015ppm
Carbon Tetrachloride	<0.0058ppm	0.006ppm	Trichloroethylene	<0.0058ppm	N/A
Vinyl Chloride	<0.0058ppm	0.0012ppm	Trichlorofluoromethane	<0.0058ppm	N/A

NOTES:

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Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, refered to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per kilogram (parts per billion) ug/L: micrograms per Liter (parts per billion)

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Table I - USEPA 8260 Volatile Organic Compounds
SOIL SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #02 (Sampling Depth in Feet)	NYSDEC TAGM Limits	Analytical Parameters	Soil Borehole #02 (Sampling Depth in Feet)	NYSDEC TAGM Limits
	S2B (12-14')	Soil		S2B (12-14')	Soil
1,1 Dichloroethane	<0.0059ppm	0.002ppm	Chlorobenzene	<0.0059ppm	0.017ppm
1,1 Dichloroethene	<0.0059ppm	0.004ppm	Chlorodibromomethane	<0.0059ppm	N/A
1,1-Dichloropropene	<0.0059ppm	N/A	Chlorodifluoromethane	<0.0059ppm	N/A
1,2 Dibromoethane	<0.0059ppm	N/A	Chloroethane	<0.0059ppm	0.019ppm
1,2 Dichlorobenzene (v)	<0.0059ppm	0.079ppm	Chloroform	<0.0059ppm	0.003ppm
1,2 Dichloroethane	<0.0059ppm	0.001ppm	Chloromethane	<0.0059ppm	N/A
1,2 Dichloropropane	<0.0059ppm	N/A	Dibromochloropropane	<0.0059ppm	N/A
1,3 Dichlorobenzene (v)	<0.0059ppm	0.0155ppm	Dibromomethane	<0.0059ppm	N/A
1,3-Dichloropropane	<0.0059ppm	0.003ppm	Dichlorodifluoromethane	<0.0059ppm	N/A
1,4 Dichlorobenzene (v)	<0.0059ppm	0.085ppm	Ethyl Benzene	<0.0059ppm	0.055ppm
111 Trichloroethane	<0.0059ppm	0.0076ppm	Freon 113	<0.0059ppm	0.060ppm
1112Tetrachloroethane	<0.0059ppm	N/A	Hexachlorobutadiene	<0.0059ppm	N/A
112 Trichloroethane	<0.0059ppm	N/A	Isopropylbenzene	<0.0059ppm	0.10ppm*
1122Tetrachloroethane	<0.0059ppm	0.006ppm	m,p-Xylene	<0.012ppm	0.012ppm
123-Trichlorobenzene	<0.0059ppm	N/A	Methyl Ethyl Ketone	<0.059ppm	N/A
123-Trichloropropane	<0.0059ppm	0.0034ppm	Methylene Chloride	<0.0059ppm	0.001ppm
124-Trichlorobenzene (v)	<0.0059ppm	0.034ppm	Methylisobutylketone	<0.059ppm	N/A
124-Trimethylbenzene	<0.0059ppm	0.10ppm*	n-Butylbenzene	<0.0059ppm	0.10ppm*
1245 Tetramethylbenz	<0.0059ppm	0.10ppm*	n-Propylbenzene	<0.0059ppm	0.10ppm*
135-Trimethylbenzene	<0.0059ppm	N/A	Naphthalene(v)	<0.0059ppm	0.13ppm
2,2-Dichloropropane	<0.0059ppm	N/A	oXylene	<0.0059ppm	0.012ppm
2-Chlorotoluene	<0.0059ppm	N/A	p-Diethylbenzene	<0.0059ppm	N/A
4-Chlorotoluene	<0.0059ppm	N/A	p-Ethyltoluene	<0.0059ppm	N/A
Acetone	<0.059ppm	0.0017ppm	p-Isopropyltoluene	<0.0059ppm	0.10ppm*
Benzene	<0.0059ppm	0.0006ppm	sec-Butylbenzene	<0.0059ppm	0.10ppm*
Bromobenzene	<0.0059ppm	N/A	Styrene	<0.0059ppm	N/A
Bromochloromethane	<0.0059ppm	N/A	t-1,2-Dichloroethene	<0.0059ppm	N/A
Bromodichloromethane	<0.0059ppm	N/A	t-1,3Dichloropropene	<0.0059ppm	N/A
Bromoform	<0.0059ppm	N/A	tert-Butyl Methyl Ether (MTBE)	<0.0059ppm	1.0ppm*
Bromomethane	<0.0059ppm	N/A	tert-Butylbenzene	<0.0059ppm	0.1ppm*
c-1,2-Dichloroethene	<0.0059ppm	N/A	Tetrachloroethene	0.012ppm	0.014ppm
c-1,3Dichloropropene	<0.0059ppm	N/A	Toluene	<0.0059ppm	0.015ppm
Carbon Tetrachloride	<0.0059ppm	0.006ppm	Trichloroethylene	<0.0059ppm	N/A
Vinyl Chloride	0.018ppm	0.0012ppm	Trichlorofluoromethane	<0.0059ppm	N/A

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, refered to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per kilogram (parts per billion) ug/L: micrograms per Liter (parts per billion)

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Table I - USEPA 8260 Volatile Organic Compounds
SOIL SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #03 (Sampling Depth In Feet)	NYSDEC TAGM Limits	Analytical Parameters	Soil Borehole #03 (Sampling Depth In Feet)	NYSDEC TAGM Limits
	S3 (4-7')	Soil		S3 (4-7')	Soil
1,1 Dichloroethane	<0.0057ppm	0.002ppm	Chlorobenzene	<0.0057ppm	0.017ppm
1,1 Dichloroethene	<0.0057ppm	0.004ppm	Chlorodibromomethane	<0.0057ppm	N/A
1,1-Dichloropropene	<0.0057ppm	N/A	Chlorodifluoromethane	<0.0057ppm	N/A
1,2 Dibromoethane	<0.0057ppm	N/A	Chloroethane	<0.0057ppm	0.019ppm
1,2 Dichlorobenzene (v)	<0.0057ppm	0.079ppm	Chloroform	<0.0057ppm	0.003ppm
1,2 Dichloroethane	<0.0057ppm	0.001ppm	Chloromethane	<0.0057ppm	N/A
1,2 Dichloropropane	<0.0057ppm	N/A	Dibromochloropropane	<0.0057ppm	N/A
1,3 Dichlorobenzene (v)	<0.0057ppm	0.0155ppm	Dibromomethane	<0.0057ppm	N/A
1,3-Dichloropropane	<0.0057ppm	0.003ppm	Dichlordifluoromethane	<0.0057ppm	N/A
1,4 Dichlorobenzene (v)	<0.0057ppm	0.085ppm	Ethyl Benzene	<0.0057ppm	0.055ppm
111 Trichloroethane	<0.0057ppm	0.0076ppm	Freon 113	<0.0057ppm	0.060ppm
1112Tetrachloroethane	<0.0057ppm	N/A	Hexachlorobutadiene	<0.0057ppm	N/A
112 Trichloroethane	<0.0057ppm	N/A	Isopropylbenzene	<0.0057ppm	0.10ppm*
1122Tetrachloroethane	<0.0057ppm	0.006ppm	m + p Xylene	<0.011ppm	0.012ppm
123-Trichlorobenzene	<0.0057ppm	N/A	Methyl Ethyl Ketone	<0.057ppm	N/A
123-Trichloropropane	<0.0057ppm	0.0034ppm	Methylene Chloride	<0.0057ppm	0.001ppm
124-Trichlorobenzene (v)	<0.0057ppm	0.034ppm	Methylisobutyl ketone	<0.057ppm	N/A
124-Trimethylbenzene	<0.0057ppm	0.10ppm*	n-Butylbenzene	<0.0057ppm	0.10ppm*
1245 Tetramethylbenz	<0.0057ppm	0.10ppm*	n-Propylbenzene	<0.0057ppm	0.10ppm*
135-Trimethylbenzene	<0.0057ppm	N/A	Naphthalene(v)	<0.0057ppm	0.130ppm
2,2-Dichloropropane	<0.0057ppm	N/A	o Xylene	<0.0057ppm	0.012ppm
2-Chlorotoluene	<0.0057ppm	N/A	p-Diethylbenzene	<0.0057ppm	N/A
4-Chlorotoluene	<0.0057ppm	N/A	p-Ethyltoluene	<0.0057ppm	N/A
Acetone	<0.057ppm	0.0011ppm	p-Isopropyltoluene	<0.0057ppm	0.10ppm*
Benzene	<0.0057ppm	0.0006ppm	sec-Butylbenzene	<0.0057ppm	0.10ppm*
Bromobenzene	<0.0057ppm	N/A	Styrene	<0.0057ppm	N/A
Bromochloromethane	<0.0057ppm	N/A	t-1,2-Dichloroethene	<0.0057ppm	N/A
Bromodichloromethane	<0.0057ppm	N/A	t-1,3Dichloropropene	<0.0057ppm	N/A
Bromoform	<0.0057ppm	N/A	ter-ButylMethylEther (MTBE)	<0.0057ppm	1.0ppm*
Bromomethane	<0.0057ppm	N/A	tert-Butylbenzene	<0.0057ppm	0.1ppm*
c-1,2-Dichloroethene	<0.0057ppm	N/A	Tetrachloroethene	0.03ppm	0.014ppm
c-1,3Dichloropropene	<0.0057ppm	N/A	Toluene	<0.0057ppm	0.015ppm
Carbon Tetrachloride	<0.0057ppm	0.006ppm	Trichloroethylene	<0.0057ppm	N/A
Vinyl Chloride	<0.0057ppm	0.0012ppm	Trichlorofluoromethane	<0.0057ppm	N/A

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046 Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, refered to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per kilogram (parts per billion) ug/L micrograms per Liter (parts per billion)

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Table I - USEPA 8260 Volatile Organic Compounds
SOIL SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #03 (Sampling Depth in Feet)	NYSDEC TAGM Limits	Analytical Parameters	Soil Borehole #03 (Sampling Depth in Feet)	NYSDEC TAGM Limits
	S3A (9-11')	Soil		S3A (9-11')	Soil
1,1 Dichloroethane	<0.0063ppm	0.002ppm	Chlorobenzene	<0.0063ppm	0.017ppm
1,1 Dichloroethene	<0.0063ppm	0.004ppm	Chlorodibromomethane	<0.0063ppm	N/A
1,1-Dichloropropene	<0.0063ppm	N/A	Chlorodifluoromethane	<0.0063ppm	N/A
1,2 Dibromoethane	<0.0063ppm	N/A	Chloroethane	<0.0063ppm	0.019ppm
1,2 Dichlorobenzene (v)	<0.0063ppm	0.079ppm	Chloroform	<0.0063ppm	0.003ppm
1,2 Dichloroethane	<0.0063ppm	0.001ppm	Chloromethane	<0.0063ppm	N/A
1,2 Dichloropropane	<0.0063ppm	N/A	Dibromochloropropane	<0.0063ppm	N/A
1,3 Dichlorobenzene (v)	<0.0063ppm	0.0155ppm	Dibromomethane	<0.0063ppm	N/A
1,3-Dichloropropane	<0.0063ppm	0.003ppm	Dichlordifluoromethane	<0.0063ppm	N/A
1,4 Dichlorobenzene (v)	<0.0063ppm	0.085ppm	Ethyl Benzene	<0.0063ppm	0.055ppm
111 Trichlorpethane	<0.0063ppm	0.0076ppm	Freon 113	<0.0063ppm	0.060ppm
1112Tetrachloroethane	<0.0063ppm	N/A	Hexachlorobutadiene	<0.0063ppm	N/A
112 Trichloroethane	<0.0063ppm	N/A	Isopropylbenzene	<0.0063ppm	0.10ppm*
1122Tetrachloroethane	<0.0063ppm	0.006ppm	m & p Xylene	<0.013ppm	0.012ppm
123-Trichlombenzene	<0.0063ppm	N/A	Methyl Ethyl Ketone	<0.063ppm	N/A
123-Trichloropropane	<0.0063ppm	0.0034ppm	Methylene Chloride	<0.0063ppm	0.001ppm
124-Trichlorobenzene (v)	<0.0063ppm	0.034ppm	Methylisobutylketone	<0.063ppm	N/A
124-Trimethylbenzene	<0.0063ppm	0.10ppm*	n-Butylbenzene	<0.0063ppm	0.10ppm*
1245 Tetramethylbenz	<0.0063ppm	0.10ppm*	n-Propylbenzene	<0.0063ppm	0.10ppm*
135-Trimethylbenzene	<0.0063ppm	N/A	Naphthalene(v)	<0.0063ppm	0.130ppm
2,2-Dichloropropane	<0.0063ppm	N/A	o-Xylene	<0.0063ppm	0.012ppm
2-Chlorotoluene	<0.0063ppm	N/A	p-Diethylbenzene	<0.0063ppm	N/A
4-Chlorotoluene	<0.0063ppm	N/A	p-Ethyltoluene	<0.0063ppm	N/A
Acetone	<0.063ppm	0.0011ppm	p-Isopropyltoluene	<0.0063ppm	0.10ppm*
Benzene	<0.0063ppm	0.0006ppm	sec-Butylbenzene	<0.0063ppm	0.10ppm*
Bromobenzene	<0.0063ppm	N/A	Styrene	<0.0063ppm	N/A
Bromochloromethane	<0.0063ppm	N/A	t-1,2-Dichloroethene	<0.0063ppm	N/A
Bromodichloromethane	<0.0063ppm	N/A	t-1,3Dichloropropene	<0.0063ppm	N/A
Bromoform	<0.0063ppm	N/A	tert-Butylmethylether (MTBE)	<0.0063ppm	1.0ppm*
Bromomethane	<0.0063ppm	N/A	tert-Butylbenzene	<0.0063ppm	0.1ppm*
c-1,2-Dichloroethene	0.011ppm	N/A	Tetrachloroethene	<0.0063ppm	0.014ppm
c-1,3Dichloropropene	<0.0063ppm	N/A	Toluene	<0.0063ppm	0.015ppm
Carbon Tetrachloride	<0.0063ppm	0.006ppm	Trichloroethylene	<0.0063ppm	N/A
Vinyl Chloride	0.024ppm	0.0012ppm	Trichlorofluoromethane	<0.0063ppm	N/A

NOTES:
< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
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* Compounds not found in NYSDEC TAGM 4046, refered to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per Kilogram (parts per billion) ug/L: micrograms per Liter (parts per billion)

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Table I - USEPA 8260 Volatile Organic Compounds
SOIL SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #03 (Sampling Depth in Feet)	NYSDEC TAGM Limits	Analytical Parameters	Soil Borehole #03 (Sampling Depth in Feet)	NYSDEC TAGM Limits
	S3B (12-16')	Soil		S3B (12-16')	Soil
1,1 Dichloroethane	<0.0083ppm	0.002ppm	Chlorobenzene	<0.0083ppm	0.017ppm
1,1 Dichloroethene	<0.0083ppm	0.004ppm	Chlorodibromomethane	<0.0083ppm	N/A
1,1-Dichloropropene	<0.0083ppm	N/A	Chlorodifluoromethane	<0.0083ppm	N/A
1,2 Dibromoethane	<0.0083ppm	N/A	Chloroethane	<0.0083ppm	0.019ppm
1,2 Dichlorobenzene (v)	<0.0083ppm	0.079ppm	Chloroform	<0.0083ppm	0.003ppm
1,2 Dichloroethane	<0.0083ppm	0.001ppm	Chloromethane	<0.0083ppm	N/A
1,2 Dichloropropane	<0.0083ppm	N/A	Dibromochloropropane	<0.0083ppm	N/A
1,3 Dichlorobenzene (v)	<0.0083ppm	0.0165ppm	Dibromomethane	<0.0083ppm	N/A
1,3-Dichloropropane	<0.0083ppm	0.003ppm	Dichlorodifluoromethane	<0.0083ppm	N/A
1,4 Dichlorobenzene (v)	<0.0083ppm	0.085ppm	Ethyl Benzene	<0.0083ppm	0.055ppm
111 Trichloroethane	<0.0083ppm	0.0076ppm	Freon 113	<0.0083ppm	0.060ppm
1112Tetrachloroethane	<0.0083ppm	N/A	Hexachlorobutadiene	<0.0083ppm	N/A
112 Trichloroethane	<0.0083ppm	N/A	Isopropylbenzene	<0.0083ppm	0.10ppm*
1122Tetrachloroethane	<0.0083ppm	0.006ppm	m +p Xylene	<0.017ppm	0.012ppm
123-Trichlorobenzene	<0.0083ppm	N/A	Methyl Ethyl Ketone	0.1ppm	N/A
123-Trichloropropane	<0.0083ppm	0.0034ppm	Methylene Chloride	<0.0083ppm	0.001ppm
124-Trichlorobenzene (v)	<0.0083ppm	0.034ppm	Methylisobutylketone	<0.0083ppm	N/A
124-Trimethylbenzene	<0.0083ppm	0.10ppm*	n-Butylbenzene	<0.0083ppm	0.10ppm*
1245 Tetramethylbenz	<0.0083ppm	0.10ppm*	n-Propylbenzene	<0.0083ppm	0.10ppm*
135-Trimethylbenzene	<0.0083ppm	N/A	Naphthalene(v)	<0.0083ppm	0.130ppm
2,2-Dichloropropane	<0.0083ppm	N/A	o Xylene	<0.0083ppm	0.012ppm
2-Chlorotoluene	<0.0083ppm	N/A	p Diethylbenzene	<0.0083ppm	N/A
4-Chlorotoluene	<0.0083ppm	N/A	p-Ethyltoluene	<0.0083ppm	N/A
Acetone	0.43ppm	0.0013ppm	p-Isopropyltoluene	<0.0083ppm	0.10ppm*
Benzene	<0.0083ppm	0.0006ppm	sec-Butylbenzene	<0.0083ppm	0.10ppm*
Brumobenzene	<0.0083ppm	N/A	Styrene	<0.0083ppm	N/A
Bromochloromethane	<0.0083ppm	N/A	t-1,3-Dichloroethene	<0.0083ppm	N/A
Bromodichloromethane	<0.0083ppm	N/A	tet-1,3Dichloropropene	<0.0083ppm	N/A
Bromoform	<0.0083ppm	N/A	tet-ButylMethylEther (MTBE)	<0.0083ppm	1.0ppm*
Bromomethane	<0.0083ppm	N/A	tert-Butylbenzene	<0.0083ppm	0.1ppm*
c-1,2-Dichloroethene	<0.0083ppm	N/A	Tetrachloroethene	<0.0083ppm	0.014ppm
c-1,3Dichloropropene	<0.0083ppm	N/A	Toluene	<0.0083ppm	0.015ppm
Carbon Tetrachloride	<0.0083ppm	0.0088ppm	Trichloroethylene	<0.0083ppm	N/A
Vinyl Chloride	<0.0083ppm	0.0012ppm	Trichlorofluoromethane	<0.0083ppm	N/A

NOTES:

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* Compounds not found in NYSDEC TAGM 4046, refered to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per kilogram (parts per billion) ug/L: micrograms per Liter (parts per billion)

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Table I - USEPA 8260 Volatile Organic Compounds
SOIL SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #04 (Sampling Depth in Feet)	NYSDEC TAGM Limits	Analytical Parameters	Soil Borehole #04 (Sampling Depth in Feet)	NYSDEC TAGM Limits
	S4 (4-8')	Soil		S4 (4-8')	Soil
1,1 Dichloroethane	<0.0064ppm	0.002ppm	Chlorobenzene	<0.0064ppm	0.017ppm
1,1 Dichloroethene	<0.0064ppm	0.004ppm	Chlorodibromomethane	<0.0064ppm	N/A
1,1-Dichloropropene	<0.0064ppm	N/A	Chlorodifluoromethane	<0.0064ppm	N/A
1,2 Dibromoethane	<0.0064ppm	N/A	Chloroethane	<0.0064ppm	0.019ppm
1,2 Dichlorobenzene (v)	<0.0064ppm	0.079ppm	Chloroform	<0.0064ppm	0.003ppm
1,2 Dichloroethane	<0.0064ppm	0.001ppm	Chloromethane	<0.0064ppm	N/A
1,2 Dichloropropane	<0.0064ppm	N/A	Dibromochloropropane	<0.0064ppm	N/A
1,3 Dichlorobenzene (v)	<0.0064ppm	0.0155ppm	Dibromomethane	<0.0064ppm	N/A
1,3-Dichloropropane	<0.0064ppm	0.003ppm	Dichlorodifluoromethane	<0.0064ppm	N/A
1,4 Dichlorobenzene (v)	<0.0064ppm	0.085ppm	Ethyl Benzene	<0.0064ppm	0.055ppm
111 Trichloroethane	<0.0064ppm	0.0076ppm	Freon 113	<0.0064ppm	0.060ppm
1112Teuachloroethane	<0.0064ppm	N/A	Hexachlorobutadiene	<0.0064ppm	N/A
112 Trichloroethane	<0.0064ppm	N/A	Isopropylbenzene	<0.0064ppm	0.10ppm*
1122Tetrachloroethane	<0.006-1ppm	0.006ppm	m + p Xylene	<0.013ppm	0.012ppm
123-Trichlorobenzene	<0.0064ppm	N/A	Methyl Ethyl Ketone	<0.064ppm	N/A
123-Trichloropropane	<0.0064ppm	0.0034ppm	Methylene Chloride	<0.0064ppm	0.001ppm
124-Trichlorobenzene (v)	<0.0064ppm	0.034ppm	Methylisobutylketone	<0.064ppm	N/A
124-Trimethylbenzene	<0.0064ppm	0.10ppm*	n-Butylbenzene	<0.0064ppm	0.10ppm*
1245 Tetramethylben2	<0.0064ppm	0.10ppm*	n-Propylbenzene	<0.0064ppm	0.10ppm*
135-Trimethylbenzene	<0.0064ppm	N/A	Naphthalene(v)	<0.0064ppm	0.130ppm
2,2-Dichloropropane	<0.0064ppm	N/A	o Xylene	<0.0064ppm	0.012ppm
2-Chlorotoluene	<0.0064ppm	N/A	p-Diethylbenzene	<0.0064ppm	N/A
4-Chlorotoluene	<0.0064ppm	N/A	p-Ethyltoluene	<0.0064ppm	N/A
Acetone	<0.064ppm	0.0011ppm	p-Isopropyltoluene	<0.0064ppm	0.10ppm*
Benzene	<0.006-1ppm	0.0006ppm	sec-Butylbenzene	<0.0064ppm	0.10ppm*
Bromobenzene	<0.0064ppm	N/A	Styrene	<0.0064ppm	N/A
Bromochloromethane	<0.0064ppm	N/A	t-1,2-Dichloroethene	<0.0064ppm	N/A
Bromodichloromethane	<0.0064ppm	N/A	t-1,3Dichloropropene	<0.0064ppm	N/A
Bromoform	<0.0064ppm	N/A	tert.ButylMethylEther (MTBE)	<0.0064ppm	1.0ppm*
Bromomethane	<0.006-1ppm	N/A	tert-Butylbenzene	<0.0064ppm	0.1ppm*
c-1,2-Dichloroethene	<0.0064ppm	N/A	Tetrachloroethene	0.42ppm	0.014ppm
c-1,3Dichloropropene	<0.0064ppm	N/A	Toluene	<0.0064ppm	0.015ppm
Carbon Tetrachloride	<0.0064ppm	0.006ppm	Trichloroethylene	<0.0064ppm	N/A
Vinyl Chloride	<0.0064ppm	0.0012ppm	Trichlorofluomethane	<0.0064ppm	N/A

NOTES:

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* Compounds not found in NYSDEC TAGM 4046, refered to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per kilogram (parts per billion) ug/L: micrograms per Liter (parts per billion)

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Table I - USEPA 8260 Volatile Organic Compounds
SOIL SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #04 (Sampling Depth in Feet)	NYSDEC TAGM Limits	Analytical Parameters	Soil Borehole #04 (Sampling Depth in Feet)	NYSDEC TAGM Limits
	S4A (8-12')	Soil		S4A (8-12')	Soil
1,1 Dichloroethane	<0.0066ppm	0.002ppm	Chlorobenzene	<0.0066ppm	0.017ppm
1,1 Dichloroethene	<0.0066ppm	0.004ppm	Chlorodibromomethane	<0.0066ppm	N/A
1,1-Dichloropropene	<0.0066ppm	N/A	Chlorodifluoromethane	<0.0066ppm	N/A
1,2 Dibromoethane	<0.0066ppm	N/A	Chloroethane	<0.0066ppm	0.019ppm
1,2 Dichlorobenzene (v)	<0.0066ppm	0.079ppm	Chloroform	<0.0066ppm	0.003ppm
1,2 Dichloroethane	<0.0066ppm	0.001ppm	Chloromethane	<0.0066ppm	N/A
1,2 Dichloropropane	<0.0066ppm	N/A	Dibromochloropropane	<0.0066ppm	N/A
1,3 Dichlorobenzene (v)	<0.0066ppm	0.0155ppm	Dibromomethane	<0.0066ppm	N/A
1,3-Dichloropropane	<0.0066ppm	0.002ppm	Dichlordifluoromethane	<0.0066ppm	N/A
1,4 Dichlorobenzene (v)	<0.0066ppm	0.085ppm	Ethyl Benzene	<0.0066ppm	0.055ppm
111 Trichloroethane	<0.0066ppm	0.0076ppm	Freon 113	<0.0066ppm	0.060ppm
1112Tetrachloroethane	<0.0066ppm	N/A	Hexachlorobutadiene	<0.0066ppm	N/A
112 Trichloroethane	<0.0066ppm	N/A	Isopropylbenzene	<0.0066ppm	0.10ppm*
1122Tetrachloroethane	<0.0066ppm	0.006ppm	m + p Xylene	<0.013ppm	0.012ppm
123-Trichlorobenzene	<0.0066ppm	N/A	Methyl Ethyl Ketone	<0.066ppm	N/A
123-Trichloropropane	<0.0066ppm	0.0034ppm	Methylene Chloride	<0.0066ppm	0.001ppm
124-Trichlorobenzene (v)	<0.0066ppm	0.034ppm	Methylisobutylketone	<0.066ppm	N/A
124-Trimethylbenzene	<0.0066ppm	0.10ppm*	n-Butylbenzene	<0.0066ppm	0.10ppm*
1245 Tetramethylbenz	<0.0066ppm	0.10ppm*	n-Propylbenzene	<0.0066ppm	0.10ppm*
135-Trimethylbenzene	<0.0066ppm	N/A	Naphthalene(v)	<0.0066ppm	0.130ppm
2,2-Dichloropropane	<0.0066ppm	N/A	o Xylene	<0.0066ppm	0.012ppm
2-Chlorotoluene	<0.0066ppm	N/A	p Diethylbenzene	<0.0066ppm	N/A
4-Chlorotoluene	<0.0066ppm	N/A	p-Ethyltoluene	<0.0066ppm	N/A
Acetone	0.12ppm	0.0011ppm	p-Isopropyltoluene	<0.0066ppm	0.10ppm*
Benzene	<0.0066ppm	0.0006ppm	sec-Butylbenzene	<0.0066ppm	0.10ppm*
Bromobenzene	<0.0066ppm	N/A	Styrene	<0.0066ppm	N/A
Bromochloromethane	<0.0066ppm	N/A	t-1,2-Dichloroethene	<0.0066ppm	N/A
Bromodichloromethane	<0.0066ppm	N/A	t-1,3Dichloropropene	<0.0066ppm	N/A
Bromoform	<0.0066ppm	N/A	tertButyl Methyl Ether (MTBE)	<0.0066ppm	1.0ppm*
Bromomethane	<0.0066ppm	N/A	tert-Butylbenzene	<0.0066ppm	0.1ppm*
c-1,2-Dichloroethene	<0.0066ppm	N/A	Tetrachloroethene	<0.0066ppm	0.014ppm
c-1,3Dichloropropene	<0.0066ppm	N/A	Toluene	<0.0066ppm	0.015ppm
Carbon Tetrachloride	<0.0066ppm	0.006ppm	Trichloroethylene	<0.0066ppm	N/A
Vinyl Chloride	<0.0066ppm	0.0012ppm	Trichlorofluoromethane	<0.0066ppm	N/A

NOTES:

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Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per kilogram (parts per billion) ug/L: micrograms per Liter (parts per billion)

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Table 1 - USEPA 8260 Volatile Organic Compounds
SOIL SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #05 (Sampling Depth in Feet)	NYSDEC TAGM Limits	Analytical Parameters	Soil Borehole #05 (Sampling Depth in Feet)	NYSDEC TAGM Limits
	S5 (5-8')	Soil		S5 (5-8')	Soil
1,1 Dichloroethane	<0.0059ppm	0.002ppm	Chlorobenzene	<0.0059ppm	0.017ppm
1,1 Dichloroethene	<0.0059ppm	0.004ppm	Chlorodibromomethane	<0.0059ppm	N/A
1,1-Dichloropropene	<0.0059ppm	N/A	Chlorodifluoromethane	<0.0059ppm	N/A
1,2 Dibromoethane	<0.0059ppm	N/A	Chloroethane	<0.0059ppm	0.019ppm
1,2 Dichlorobenzene (v)	<0.0059ppm	0.079ppm	Chloroform	<0.0059ppm	0.003ppm
1,2 Dichloroethane	<0.0059ppm	0.001ppm	Chloromethane	<0.0059ppm	N/A
1,2 Dichloropropane	<0.0059ppm	N/A	Dibromochloropropane	<0.0059ppm	N/A
1,3 Dichlorobenzene (v)	<0.0059ppm	0.0155ppm	Dibromomethane	<0.0059ppm	N/A
1,3-Dichloropropane	<0.0059ppm	0.003ppm	Dichlordifluoromethane	<0.0059ppm	N/A
1,4 Dichlorobenzene (v)	<0.0059ppm	0.085ppm	Ethyl Benzene	<0.0059ppm	0.055ppm
111 Trichloroethane	<0.0059ppm	0.0076ppm	Freon 113	<0.0059ppm	0.060ppm
1112Tetrachloroethane	<0.0059ppm	N/A	Hexachlorobutadiene	<0.0059ppm	N/A
112 Trichloroethane	<0.0059ppm	N/A	Isopropylbenzene	<0.0059ppm	0.10ppm*
1122Tetrachloroethane	<0.0059ppm	0.006ppm	m + p Xylene	<0.012ppm	0.012ppm
123-Trichlorobenzene	<0.0059ppm	N/A	Methyl Ethyl Ketone	<0.059ppm	N/A
123-Trichloropropane	<0.0059ppm	0.0034ppm	Methylene Chloride	<0.0059ppm	0.001ppm
124-Trichlorobenzene (v)	<0.0059ppm	0.03-1ppm	Methylisobutylketone	<0.059ppm	N/A
124-Trimethylbenzene	<0.0059ppm	0.10ppm*	n-Butylbenzene	<0.0059ppm	0.10ppm*
1245 Tetramethylbenz	<0.0059ppm	0.10ppm*	n-Propylbenzene	<0.0059ppm	0.10ppm*
135-Trimethylbenzene	<0.0059ppm	N/A	Naphthalene(v)	<0.0059ppm	0.130ppm
2,2-Dichloropropane	<0.0059ppm	N/A	o Xylene	<0.0059ppm	0.012ppm
2-Chlorotoluene	<0.0059ppm	N/A	p Diethylbenzene	<0.0059ppm	N/A
4-Chlorotoluene	<0.0059ppm	N/A	p-Ethyltoluene	<0.0059ppm	N/A
Acetone	<0.059ppm	0.001ppm	p-Isopropyltoluene	<0.0059ppm	0.10ppm*
Benzene	<0.0059ppm	0.0006ppm	sec-Butylbenzene	<0.0059ppm	0.10ppm*
Bromobenzene	<0.0059ppm	N/A	Styrene	<0.0059ppm	N/A
Bromochloromethane	<0.0059ppm	N/A	t-1,2-Dichloroethene	<0.0059ppm	N/A
Bromodichloromethane	<0.0059ppm	N/A	t-1,3Dichloropropene	<0.0059ppm	N/A
Bromoform	<0.0059ppm	N/A	tert-butylMethylEther (MTBE)	<0.0059ppm	1.0ppm*
Bromomethane	<0.0059ppm	N/A	Tert-Butylbenzene	<0.0059ppm	0.1ppm*
c-1,2-Dichloroethene	<0.0059ppm	N/A	Tetrachlorbethene	<0.0059ppm	0.014ppm
c-1,3Dichloropropene	<0.0059ppm	N/A	Toluene	<0.0059ppm	0.015ppm
Carbon Tetrachloride	<0.0059ppm	0.006ppm	Trichloroethylene	<0.0059ppm	N/A
Vinyl Chloride	<0.0059ppm	0.0012ppm	Trichlorofluoromethane	<0.0059ppm	N/A

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046 Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, refered to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per kilogram (parts per billion) ug/L: micrograms per Liter (parts per billion)

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A Real Estate Services Company

Table I - USEPA 8260 Volatile Organic Compounds
SOIL SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #05 (Sampling Depth in Feet)	NYSDEC TAGM Limits	Analytical Parameters	Soil Borehole #05 (Sampling Depth in Feet)	NYSDEC TAGM Limits
	S5A (8-9')	Soil		S5A (8-9')	Soil
1,1 Dichloroethane	<0.0061ppm	0.002ppm	Chlorobenzene	<0.0061ppm	0.017ppm
1,1 Dichloroethene	<0.0061ppm	0.004ppm	Chlorodibromomethane	<0.0061ppm	N/A
1,1-Dichloropropene	<0.0061ppm	N/A	Chlorodifluoromethane	<0.0061ppm	N/A
1,2 Dibromoethane	<0.0061ppm	N/A	Chloroethane	<0.0061ppm	0.019ppm
1,2 Dichlorobenzene (v)	<0.0061ppm	0.079ppm	Chloroform	<0.0061ppm	0.003ppm
1,2 Dichloroethane	<0.0061ppm	0.001ppm	Chloromethane	<0.0061ppm	N/A
1,2 Dichloropropane	<0.0061ppm	N/A	Dibromochloropropane	<0.0061ppm	N/A
1,3 Dichlorobenzene (v)	<0.0061ppm	0.0155ppm	Dibromomethane	<0.0061ppm	N/A
1,3-Dichloropropane	<0.0061ppm	0.003ppm	Dichlordifluomethane	<0.0061ppm	N/A
1,4 Dichlorobenzene (v)	<0.0061ppm	0.085ppm	Ethyl Benzene	<0.0061ppm	0.055ppm
111 Trichloroethane	<0.0061ppm	0.0070ppm	Freon 113	<0.0061ppm	0.060ppm
1112Tetrachloroethane	<0.0061ppm	N/A	Hexachlorobutadiene	<0.0061ppm	N/A
112 Trichloroethane	<0.0061ppm	N/A	Isopropylbenzene	<0.0061ppm	0.10ppm*
1122Tetrachloroethane	<0.0061ppm	0.006ppm	m + p Xylene	<0.012ppm	0.012ppm
123-Trichlorobenzene	<0.0061ppm	N/A	Methyl Ethyl Ketone	<0.061ppm	N/A
123-Trichloropropane	<0.0061ppm	0.0034ppm	Methylene Chloride	<0.0061ppm	0.001ppm
124-Trichlorobenzene (v)	<0.0061ppm	0.034ppm	Methylisobutylketone	<0.061ppm	N/A
124-Trimethylbenzene	<0.0061ppm	0.10ppm*	n-Butylbenzene	<0.0061ppm	0.10ppm*
1245 Tetramethylbenz	<0.0061ppm	0.10ppm*	n-Propylbenzene	<0.0061ppm	0.10ppm*
135-Trimethylbenzene	<0.0061ppm	N/A	Naphthalene (v)	<0.0061ppm	0.130ppm
2,2-Dichloropropane	<0.0061ppm	N/A	o Xylene	<0.0061ppm	0.012ppm
2-Chlorotoluene	<0.0061ppm	N/A	p Diethylbenzene	<0.0061ppm	N/A
4-Chlorotoluene	<0.0061ppm	N/A	p-Ethyltoluene	<0.0061ppm	N/A
Acetone	<0.061ppm	0.0011ppm	p-Isopropyltoluene	<0.0061ppm	0.10ppm*
Benzene	<0.0061ppm	0.0006ppm	sec-Butylbenzene	<0.0061ppm	0.10ppm*
Bromobenzene	<0.0061ppm	N/A	Styrene	<0.0061ppm	N/A
Bromochloromethane	<0.0061ppm	N/A	t-1,2-Dichloroethene	<0.0061ppm	N/A
Bromodichloromethane	<0.0061ppm	N/A	t-1,3Dichloropropene	<0.0061ppm	N/A
Bromoform	<0.0061ppm	N/A	tert.ButylMethylEther (MTBE)	<0.0061ppm	1.0ppm*
Bromomethane	<0.0061ppm	N/A	tert-Butylbenzene	<0.0061ppm	0.1ppm*
c-1,2-Dichloroethene	<0.0061ppm	N/A	Tetrachloroethene	<0.0061ppm	0.014ppm
c-1,3Dichloropropene	<0.0061ppm	N/A	Toluene	<0.0061ppm	0.015ppm
Carbon Tetrachloride	<0.0061ppm	0.006ppm	Trichloroethylene	<0.0061ppm	N/A
Vinyl Chloride	<0.0061ppm	0.0012ppm	Trichlorofluomethane	<0.0061ppm	N/A

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and Instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, refered to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per kilogram (parts per billion) ug/L: micrograms per Liter (parts per billion)

CNS Job #: E23262

Site Address: River Plaza – 134 Wildey Street, Tarrytown, NY

Sample ID #: S1

Analytical Method # 8270B		
Parameter	Result (mg/Kg)	NYS TAGM 4046 Allowable Soil Concentration (ppm)
Naphthalene	<0.34	0.130
Acenaphthene	<0.34	0.9
Flourene	<0.34	3.5
Phenanthrene	<0.34	2.20
Anthracene	<0.34	7.00
Fluoranthene	<0.34	19.0
Pyrene	<0.34	6.65
Benzo(a)anthracene	<0.34	0.03
Chrysene	<0.34	0.004
Benzo(b)fluoranthene	<0.34	0.011
Benzo(k)fluoranthene	<0.34	0.011
Benzo(a)pyrene	<0.34	0.110
Indeno (1,2,3-cd)pyrene	<0.34	0.032
Dibenzo(a,h)anthracene	<0.34	1650.0
Benzo(g,h,I)perylene	<0.34	8.0
2-Methylnaphthalene		0.364
Acenaphthylene		0.41

< Minimum Detection Limit

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.

Concentrations above MDL are highlighted in bold BLACK

Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.

* Compounds not found in NYSDEC TAGM 4046, referred to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection

Values reported on a dry weight basis.

N/A: Limit not available

ppm: Parts per Million

mg/Kg: milligrams per kilogram (parts per million) ug/L: micrograms per liter (ppb)

CNS MANAGEMENT CORP.
A Real Estate Services Company

CNS Job #: E23262

Site Address: River Plaza – 134 Wildey Street, Tarrytown, NY

Sample ID #: S2B

Analytical Method # 8270B		
Parameter	Result (mg/Kg)	NYS TAGM 4046 Allowable Soil Concentration (ppm)
Naphthalene	<0.35	0.130
Acenaphthene	<0.35	0.9
Flourene	<0.35	3.5
Phenanthrene	0.36	2.20
Anthracene	0.44	7.00
Fluoranthene	0.71	19.0
Pyrene	1.0	6.65
Benzo(a)anthracene	0.58	0.03
Chrysene	0.76	0.004
Benzo(b)fluoranthene	0.94	0.011
Benzo(k)fluoranthene	0.94	0.011
Benzo(a)pyrene	1.1	0.110
Indeno (1,2,3-cd)pyrene	0.47	0.032
Dibenzo(a,h)anthracene	<0.35	1650.0
Benzo(g,h,i)perylene	0.48	8.0
2-Methylnaphthalene		0.364
Acenaphthylene		0.41

< Minimum Detection Limit
< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
• Compounds not found in NYSDEC TAGM 4046, referred to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
mg/Kg: milligrams per kilogram (parts per million) ug/L: micrograms per liter (ppb)

CNS MANAGEMENT CORP.
A Real Estate Services Company

CNS Job #: E23262

Site Address: River Plaza – 134 Wildey Street, Tarrytown, NY

Sample ID #: S3

Analytical Method # 8270B		
Parameter	Result (mg/Kg)	NYS TAGM 4046 Allowable Soil Concentration (ppm)
Naphthalene	<0.34	0.130
Acenaphthene	<0.34	0.9
Flourene	<0.34	3.5
Phenanthrene	<0.34	2.20
Anthracene	<0.34	7.00
Fluoranthene	0.57	19.0
Pyrene	0.9	6.65
Benzo(a)anthracene	0.43	0.03
Chrysene	0.51	0.004
Benzo(b)fluoranthene	0.56	0.011
Benzo(k)fluoranthene	0.56	0.011
Benzo(a)pyrene	0.57	0.110
Indeno (1,2,3-cd)pyrene	<0.34	0.032
Dibenzo(a,h)anthracene	<0.34	1650.0
Benzo(g,h,i)perylene	<0.34	8.0
2-Methylnaphthalene		0.364
Acenaphthylene		0.41

< Minimum Detection Limit
< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, referred to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
mg/Kg: milligrams per kilogram (parts per million) ug/L: micrograms per liter (ppb)

MANAGEMENT CORP.
A Real Estate Services Company

CNS Job #: E23262

Site Address: River Plaza – 134 Wildey Street, Tarrytown, NY

Sample ID #: S3A

Analytical Method # 8270B		
Parameter	Result (mg/Kg)	NYS TAGM 4046 Allowable Soil Concentration (ppm)
Naphthalene	<0.38	0.130
Acenaphthene	<0.38	0.9
Flourene	<0.38	3.5
Phenanthrene	<0.38	2.20
Anthracene	<0.38	7.00
Fluoranthene	0.66	19.0
Pyrene	0.95	6.65
Benzo(a)anthracene	0.58	0.03
Chrysene	0.68	0.004
Benzo(b)fluoranthene	0.7	0.011
Benzo(k)fluoranthene	0.7	0.011
Benzo(a)pyrene	0.78	0.110
Indeno (1,2,3-cd)pyrene	<0.38	0.032
Dibenzo(a,h)anthracene	<0.38	1650.0
Benzo(g,h,I)perylene	0.39	8.0
2-Methylnaphthalene		0.364
Acenaphthylene		0.41

< Minimum Detection Limit
< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, referred to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
mg/Kg: milligrams per kilogram (parts per million) ug/L: micrograms per liter (ppb)

CNS Job #: E23262

Site Address: River Plaza – 134 Wildey Street, Tarrytown, NY

Sample ID #: S3B

Analytical Method # 8270B		
Parameter	Result (mg/Kg)	NYS TAGM 4046 Allowable Soil Concentration (ppm)
Naphthalene	<0.5	0.130
Acenaphthene	<0.5	0.9
Flourene	<0.5	3.5
Phenanthrene	<0.5	2.20
Anthracene	<0.5	7.00
Fluoranthiene	<0.5	19.0
Pyrene	<0.5	6.65
Benzo(a)anthracene	<0.5	0.03
Chrysene	<0.5	0.004
Benzo(b)fluoranthiene	<0.5	0.011
Benzo(k)fluoranthene	<0.5	0.011
Benzo(a)pyrene	<0.5	0.110
Indeno (1,2,3-cd)pyrene	<0.5	0.032
Dibenzo(a,h)anthracene	<0.5	1650.0
Benzo(g,h,I)perylene	<0.5	.8.0
2-Methylnaphthalene		0.364
Acenaphthylene		0.41

< Minimum Detection Limit
< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, referred to NYSDEC STARS Memo #1 "TCLP-Alternative Guidance Values" for groundwater protection
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
mg/Kg: milligrams per kilogram (parts per million) ug/L: micrograms per liter (ppb)

CNS MANAGEMENT CORP.
A Real Estate Services Company

CNS Job #: E23262

Site Address: River Plaza – 134 Wildey Street, Tarrytown, NY

Sample ID #: S4

Analytical Method # 8270B		
Parameter	Result (mg/Kg)	NYS TAGM 4046 Allowable Soil Concentration (ppm)
Naphthalene	<0.38	0.130
Acenaphthene	<0.38	0.9
Flourene	<0.38	3.5
Phenanthrene	0.76	2.20
Anthracene	<0.38	7.00
Fluoranthene	1.5	19.0
Pyrene	1.7	6.65
Benzo(a)anthracene	0.94	0.03
Chrysene	0.83	0.004
Benzo(b)fluoranthene	0.71	0.011
Benzo(k)fluoranthene	0.71	0.011
Benzo(a)pyrene	0.77	0.110
Indeno (1,2,3-cd)pyrene	<0.38	0.032
Dibenzo(a,h)anthracene	<0.38	1650.0
Benzo(g,h,i)perylene	<0.38	8.0
2-Methylnaphthalene		0.364
Acenaphthylene		0.41

< Minimum Detection Limit
< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, referred to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
mg/Kg: milligrams per kilogram (parts per million) ug/L: micrograms per liter (ppb)

MANAGEMENT CORP.
A Real Estate Services Company

CNS Job #: E23262

Site Address: River Plaza – 134 Wildey Street, Tarrytown, NY

Sample ID #: S4A

Analytical Method # 8270B		
Parameter	Result (mg/Kg)	NYS TAGM 4046 Allowable Soil Concentration (ppm)
Naphthalene	<0.39	0.130
Acenaphthene	<0.39	0.9
Flourene	<0.39	3.5
Phenanthrene	<0.39	2.20
Anthracene	<0.39	7.00
Fluoranthene	<0.39	19.0
Pyrene	<0.39	6.65
Benzo(a)anthracene	<0.39	0.03
Chrysene	<0.39	0.004
Benzo(b)fluoranthene	<0.39	0.011
Benzo(k)fluoranthene	<0.39	0.011
Benzo(a)pyrene	<0.39	0.110
Indeno (1,2,3-cd)pyrene	<0.39	0.032
Dibenzo(a,h)anthracene	<0.39	1650.0
Benzo(g,h,I)perylene	<0.39	8.0
2-Methylnaphthalene		0.364
Accuaphthylene		0.41

< Minimum Detection Limit
< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, referred to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
mg/Kg: milligrams per kilogram (parts per million) ug/L: micrograms per liter (ppb)

MANAGEMENT CORP.
A Real Estate Services Company

CNS Job #: E23262

Site Address: River Plaza – 134 Wildey Street, Tarrytown, NY

Sample ID #: S5

Analytical Method # 8270B		
Parameter	Result (mg/Kg)	NYS TAGM 4046 Allowable Soil Concentration (ppm)
Naphthalene	<0.35	0.130
Acenaphthene	<0.35	0.9
Flourene	<0.35	3.5
Phenanthrene	<0.35	2.20
Anthracene	<0.35	7.00
Fluoranthene	0.45	19.0
Pyrene	0.59	6.65
Benzo(a)anthracene	0.36	0.03
Chrysene	0.38	0.004
Benzo(b)fluoranthene	0.41	0.011
Benzo(k)fluoranthene	0.41	0.011
Benzo(a)pyrene	0.44	0.110
Indeno (1,2,3-cd)pyrene	<0.35	0.032
Dibenzo(a,h)anthracene	<0.35	1650.0
Benzo(g,h,I)perylene	<0.35	.8.0
2-Methylnaphthalene		0.364
Acenaphthylene		0.41

< Minimum Detection Limit
< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, referred to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
mg/Kg: milligrams per kilogram (parts per million) ug/L: micrograms per liter (ppb)

ROBERT MARTIN COMPANY
RIVER PLAZA
TARRYTOWN, NEW YORK

TABLE 1

UNDERGROUND STORAGE TANK POST EXCAVATION SOIL ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS (VOCs) BY EPA METHOD 8260

Compound	NYSDEC (1)	NW-1	SW-1	EW-1	WW-1	B-1
1,1,1,2-Tetrachloroethane	10,000 *	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	700	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	400	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1,300	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	10,000 *	ND	ND	ND	ND	ND
1,1-Dichloroethane	300	ND	ND	ND	ND	ND
1,1-Dichloroethene	300	ND	ND	ND	ND	ND
1,1-Dichloropropene	10,000 *	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	8,300	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	10,000 *	ND	ND	ND	ND	6.4
1,2,4,5-Tetramethylbenzene	10,000 *	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	8,300	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	10,000	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	10,000 *	ND	ND	ND	ND	ND
1,2-Dibromoethane	10,000 *	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1,100	ND	ND	ND	ND	ND
1,2-Dichloroethane	20 or MDL	ND	ND	ND	ND	ND
1,2-Dichloropropane	10,000 *	ND	ND	ND	ND	7.8
1,3,5-Trimethylbenzene	3,300	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	1,000	ND	ND	ND	ND	ND
1,3-Dichloropropane	10,000 *	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	ND	ND	ND	ND	ND
2,2-Dichloropropane	10,000 *	ND	ND	ND	ND	ND
2-Butanone (MEK)	200	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	10,000 *	ND	ND	ND	ND	ND
2-Chlorotoluene	10,000 *	ND	ND	ND	ND	ND
2-Hexanone	10,000 *	ND	ND	ND	ND	ND
4-Chlorotoluene	10,000 *	ND	ND	ND	ND	ND
p-Isopropyltoluene	10,000	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	1,000	ND	ND	ND	ND	ND
Acetone	100	ND	ND	ND	ND	ND
Acrolein	10,000 *	ND	ND	ND	ND	ND
Acrylonitrile	10,000 *	ND	ND	ND	ND	ND
Benzene	60	ND	ND	ND	ND	ND
Bromobenzene	10,000 *	ND	ND	ND	ND	ND
Bromochloromethane	10,000 *	ND	ND	ND	ND	ND
Bromodichloromethane	10,000 *	ND	ND	ND	ND	ND
Bromoform	10,000 *	ND	ND	ND	ND	ND
Bromomethane	10,000 *	ND	ND	ND	ND	ND
Carbon disulfide	2,700	ND	ND	ND	ND	ND
Carbon Tetrachloride	800	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND

ROBERT MARTIN COMPANY
RIVER PLAZA
TARRYTOWN, NEW YORK

TABLE 1 (con't)

UNDERGROUND STORAGE TANK POST EXCAVATION SOIL ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS (VOCs) BY EPA METHOD 8260

Compound	NYSDEC (1)	NW-1	SW-1	EW-1	WW-1	B-1
Chlorodibromomethane	200	ND	ND	ND	ND	ND
Chloroethane	200	ND	ND	ND	ND	ND
Chloroform	400	ND	ND	ND	ND	ND
Chloromethane	10,000 *	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	200	ND	ND	ND	ND	ND
cis-1,2-Dichloropropene	10,000 *	ND	ND	ND	ND	ND
Dibromochloromethane	200	ND	ND	ND	ND	ND
Dibromomethane	10,000 *	ND	ND	ND	ND	ND
Dichlorodifluoromethane	10,000 *	ND	ND	ND	ND	ND
Diisopropyl ether	10,000 *	ND	ND	ND	ND	ND
Ethanol	10,000 *	ND	ND	ND	ND	ND
Ethyl acetate	10,000 *	ND	ND	ND	ND	ND
Ethyl benzene	5,500	ND	ND	ND	ND	ND
Freon-114	10,000 *	ND	ND	ND	ND	ND
Hexachlorobutadiene	10,000 *	ND	ND	ND	ND	ND
Isopropyl acetate	10,000 *	ND	ND	ND	ND	ND
Isopropylbenzene	2,300	ND	ND	ND	ND	ND
m + p Xylene	1,200	ND	ND	ND	ND	ND
Methyl tertiary butyl ether	1,200	ND	ND	ND	ND	ND
Methylene Chloride	50 or MDL	ND	ND	ND	ND	29
Naphthalene	13,000	ND	ND	ND	ND	ND
n-Butyl acetate	10,000 *	ND	ND	ND	ND	ND
n-Butylbenzene	10,000 *	ND	ND	ND	ND	ND
n-Propyly acetate	10,000 *	ND	ND	ND	ND	ND
n-Propylbenzene	3,700	ND	ND	ND	ND	ND
o Xylene	1,200	ND	ND	ND	ND	19
p-Diethylbenzene	10,000 *	ND	ND	ND	ND	11
p-Ethyltoluene	10,000 *	ND	ND	ND	ND	ND
sec-Butylbenzene	10,000 *	ND	ND	ND	ND	ND
Styrene	10,000 *	ND	ND	ND	ND	ND
t-Butyl alcohol	10,000 *	ND	ND	ND	ND	ND
tert-Butylbenzene	10,000 *	ND	ND	ND	38	ND
Tetrachloroethene	1,300	ND	ND	ND	ND	ND
Toluene	1,500	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	200	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	10,000 *	ND	ND	ND	ND	ND
Trichloroethene	500	ND	ND	ND	ND	ND
Trichlorofluoromethane	10,000 *	ND	ND	ND	ND	ND
Vinyl acetate	10,000 *	ND	ND	ND	ND	ND
Vinyl chloride	200	ND	ND	ND	ND	ND

Notes:
1 - NYSDEC Recommended Soil Cleanup Objectives (RSCO), Technical and Administrative Guidance Memo (TAGM) 4046, 12/
ND - Not Detected
Bolded text denotes RSCO Exceedance
* - For those compounds were no specific RSCO has been promulgated. The RSCO of 10,000 ug/kg for total VOCs is used.
All units are ug/kg.

ROBERT MARTIN COMPANY
RIVER PLAZA
TARRYTOWN, NEW YORK

TABLE 2

UNDERGROUND STORAGE TANK POST EXCAVATION SOIL ANALYTICAL RESULTS FOR SEMIVOLATILE ORGANIC COMPOUNDS (VOCs) BY EPA METHOD 8270 (STARS LIST)

Compound	NYSDEC (1)	NW-1	SW-1	EW-1	WW-1	B-1
Acenaphthene	50,000	ND	ND	30 J	ND	ND
Anthracene	50,000	150	60	350	75	100
Benzo(a)anthracene	224 or MDL	600	270	1,800	290	370
Benzo(a)pyrene	61 or MDL	860	370	1,600	400	530
Benzo(b)fluoranthene	61 or MDL	900	480	1,700	420	480
Benzo(g,h,i)perylene	50,000	760	280	870	330	380
Benzo(k)fluoranthene	610 or MDL	410	210	770	380	310
Chrysene	400	750	300	1,900	330	440
Dibenzo(a,h)anthracene	14.3 or MDL	190	61	320	91	120
Fluoranthene	50,000	760	470	2,600	420	590
Fluorene	50,000	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	3,200	630	250	900	280	320
Naphthalene	13,000	ND	ND	ND	ND	29
Phenanthrene	50,000	200	170	800	140	270
Pyrene	50,000	810	470	2,700	450	620

Notes:
1 - NYSDEC Recommended Soil Cleanup Standards - TAGM 4046
Total SVOCs not to exceed 50,000 ug/kg.
ND - Not Detected
NS - Not specified
Bold Text denotes RSCO exceedances.
All units are ug/kg.

ROBERT MARTIN COMPANY
RIVER PLAZA
TARRYTOWN, NEW YORK

TABLE 3

SOIL BORINGS AND MONITORING WELL INSTALLATION SOIL ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS (VOCs) BY EPA METHOD 8260

Compound	NYSDEC (1)	MW-1 (10'-12')	MW-2 (10'-12')	MW-3 (8'-10')	MW-4 (4'-6')	MW-4 (10'-12')
1,1,1,2-Tetrachloroethane	10,000 *	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	700	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	400	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1,300	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	10,000 *	ND	ND	ND	ND	ND
1,1-Dichloroethane	300	ND	ND	ND	ND	ND
1,1-Dichloroethene	300	ND	ND	ND	ND	ND
1,1-Dichloropropene	10,000 *	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	8,300	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	10,000 *	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	10,000 *	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	8,300	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	10,000	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	10,000 *	ND	ND	ND	ND	ND
1,2-Dibromoethane	10,000 *	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1,100	ND	ND	ND	ND	ND
1,2-Dichloroethane	20 or MDL	ND	ND	ND	ND	ND
1,2-Dichloropropane	10,000 *	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	3,300	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	1,000	ND	ND	ND	ND	ND
1,3-Dichloropropane	10,000 *	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	ND	ND	ND	ND	ND
2,2-Dichloropropane	10,000 *	ND	ND	ND	ND	ND
2-Butanone (MEK)	200	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	10,000 *	ND	ND	ND	ND	ND
2-Chlorotoluene	10,000 *	ND	ND	ND	ND	ND
2-Hexanone	10,000 *	ND	ND	ND	ND	ND
4-Chlorotoluene	10,000 *	ND	ND	ND	ND	ND
p-Isopropyltoluene	10,000	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	1,000	ND	ND	ND	ND	ND
Acetone	100	ND	ND	ND	ND	ND
Acrolein	10,000 *	ND	ND	ND	ND	ND
Acrylonitrile	10,000 *	ND	ND	ND	ND	ND
Benzene	60	ND	ND	ND	ND	ND
Bromobenzene	10,000 *	ND	ND	ND	ND	ND
Bromochloromethane	10,000 *	ND	ND	ND	ND	ND
Bromodichloromethane	10,000 *	ND	ND	ND	ND	ND
Bromoform	10,000 *	ND	ND	ND	ND	ND
Bromomethane	10,000 *	ND	ND	ND	ND	ND
Carbon disulfide	2,700	ND	ND	ND	ND	ND
Carbon Tetrachloride	800	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND

ROBERT MARTIN COMPANY
RIVER PLAZA
TARRYTOWN, NEW YORK

TABLE 3 (con't)

SOIL BORINGS AND MONITORING WELL INSTALLATION SOIL ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS (VOCs) BY EPA METHOD 8260

Compound	NYSDEC (1)	MW-1 (10'-12')	MW-2 (10'-12')	MW-3 (8'-10')	MW-4 (4'-6')	MW-4 (10'-12')
Chlorodibromomethane	200	ND	ND	ND	ND	ND
Chloroethane	200	ND	ND	ND	ND	ND
Chloroform	400	ND	ND	ND	ND	ND
Chloromethane	10,000 *	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	200	ND	ND	ND	ND	ND
cis-1,2-Dichloropropene	10,000 *	ND	ND	ND	ND	ND
Dibromochloromethane	200	ND	ND	ND	ND	ND
Dibromomethane	10,000 *	ND	ND	ND	ND	ND
Dichlorodifluoromethane	10,000 *	ND	ND	ND	ND	ND
Diisopropyl ether	10,000 *	ND	ND	ND	ND	ND
Ethanol	10,000 *	ND	ND	ND	ND	ND
Ethyl acetate	10,000 *	ND	ND	ND	ND	ND
Ethyl benzene	5,500	ND	ND	ND	ND	ND
Freon-113	10,000 *	ND	ND	ND	ND	ND
Hexachlorobutadiene	10,000 *	ND	ND	ND	ND	ND
Isopropyl acetate	10,000 *	ND	ND	ND	ND	ND
Isopropylbenzene	2,300	ND	ND	ND	ND	ND
m,+p Xylene	1,200	ND	ND	ND	ND	ND
Methyl tertiary butyl ether	1,200	ND	ND	ND	ND	ND
Methylene Chloride	50 or MDL	ND	ND	ND	ND	ND
Naphthalene	13,000	ND	ND	ND	ND	ND
n-Butyl acetate	10,000 *	ND	ND	ND	ND	ND
n-Butylbenzene	10,000 *	ND	ND	ND	ND	ND
n-Propyly acetate	10,000 *	ND	ND	ND	ND	ND
n-Propylbenzene	3,700	ND	ND	ND	ND	ND
o Xylene	1,200	ND	ND	ND	ND	ND
p-Diethylbenzene	10,000 *	ND	ND	ND	ND	ND
p-Ethyltoluene	10,000 *	ND	ND	ND	ND	ND
sec-Butylbenzene	10,000 *	ND	ND	ND	ND	ND
Styrene	10,000 *	ND	ND	ND	ND	ND
t-Butyl alcohol	10,000 *	ND	ND	ND	ND	ND
tert-Butylbenzene	10,000 *	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	11	ND	ND	ND
Toluene	1,500	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	200	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	10,000 *	ND	ND	ND	ND	ND
Trichloroethene	500	ND	ND	ND	ND	ND
Trichlorofluoromethane	10,000 *	ND	ND	ND	ND	ND
Vinyl acetate	10,000 *	ND	ND	ND	ND	ND
Vinyl chloride	200	ND	ND	ND	ND	ND

Notes:
1 - NYSDEC Recommended Soil Cleanup Objectives (RSCO), Technical and Administrative Guidance Memo (TAGM) 4046, 12/00.
ND - Not Detected
Bolded text denotes RSCO Exceedance
* - For those compounds were no specific RSCO has been promulgated. The RSCO of 10,000 ug/kg for total VOCs is used.
All units are ug/kg.

ROBERT MARTIN COMPANY
RIVER PLAZA
TARRYTOWN, NEW YORK

TABLE 4

SOIL BORINGS AND MONITORING WELL INSTALLATION SOIL ANALYTICAL RESULTS FOR SEMIVOLATILE ORGANIC COMPOUNDS (VOCs) BY EPA METHOD 8270 (STARS LIST)

Compound	NYSDEC (1)	MW-1 (10'-12')	MW-2 (10'-12')	MW-3 (8'-10')	MW-4 (4'-6')	MW-4 (10'-12')
Acenaphthene	50,000	ND	ND	83	ND	ND
Anthracene	50,000	ND	ND	390	530	ND
Benzo(a)anthrucene	224 or MDL	ND	98	420	2,900	ND
Benzo(a)pyrene	61 or MDL	ND	120	270	2,600	ND
Benzo(b)fluoranthene	61 or MDL	ND	140	260	2,600	ND
Benzo(g,h,i)perylene	50,000	ND	81	120	1,800	ND
Benzo(k)fluoranthene	610 or MDL	ND	58	160	980	ND
Chrysene	400	ND	ND	400	3,200	ND
Dibenzo(a,h)anthracene	14.3 or MDL	ND	ND	ND	500	ND
Fluoranthene	50,000	ND	ND	1,100	5,400	120
Fluorene	50,000	ND	ND	110	ND	ND
Indeno(1,2,3-cd)pyrene	3,200	ND	79	110	1,700	41
Naphthalene	13,000	ND	ND	ND	ND	ND
Phenanthrene	50,000	ND	ND	1,300	1,100	ND
Pyrene	50,000	ND	110	880	4,000	92

Notes:
1 - NYSDEC Recommended Soil Cleanup Standards - TAGM 4046
Total SVOCs not to exceed 50,000 ug/kg.
ND - Not Detected
NS - Not specified
Bold Text denotes RSCO exceedances.
All units are ug/kg.

SOIL & GROUNDWATER SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole - B1 (Sampling Depth in Feet)	NYSDEC Soil Cleanup Objectives	Analytical Parameters	Soil Borehole - B1 (Sampling Depth in Feet)	NYSDEC Soil Cleanup Objectives
	S1 (9')	Soil (ppm)		S1 (9')	Soil (ppm)
1,1 Dichloroethane	<0.05 ppm	0.2	Carbon disulfide	<0.05 ppm	2.7
1,1 Dichloroethene	<0.05 ppm	0.4	Chlorobenzene	<0.05 ppm	1.7
1,1 Dichloropropene	<0.05 ppm	N/A	Chlorodibromomethane	<0.05 ppm	N/A
1,1,1 Trichloroethane	<0.05 ppm	0.76	Chloroethane	<0.05 ppm	1.9
1,1,1,2 Tetrachloroethane	<0.05 ppm	N/A	Chloroform	<0.05 ppm	0.30
1,1,2 Trichloroethane	<0.05 ppm	N/A	Chloromethane	<0.5 ppm	N/A
1,1,2,2 Tetrachloroethane	<0.05 ppm	0.6	Cis-1,2 Dichlorbethene	<0.05 ppm	N/A
1,2 Dibromo-3-Chloropropane	<0.05 ppm	N/A	Cis-1,3 Dichloropropene	<0.05 ppm	N/A
1,2 Dibromoethane	<0.05 ppm	N/A	Dibromomethane	<0.05 ppm	N/A
1,2 Dichlorobenzene	<0.05 ppm	7.9	Dichlorodifluoromethane	<0.05 ppm	N/A
1,2 Dichloroethane	<0.05 ppm	0.1	Ethyl methacrylate	<0.05 ppm	N/A
1,2 Dichloropropane	<0.05 ppm	N/A	Ethylbenzene	<0.05 ppm	5.5
1,2,3 Trichlorobenzene	<0.5 ppm	N/A	Hexachlorobutadiene	<0.5 ppm	N/A
1,2,3 Trichloropropane	<0:05 ppm	0.34	Iodomethane	<0.5 ppm	N/A
1,2,4 Trichlorobenzene	<0.5 ppm	3.4	Isopropyl Ether	<0.05 ppm	N/A
1,2,4 Trimethylbenzene	<0.05 ppm	N/A	Isopropyl Benzene	<0.05 ppm	N/A
1,3 Dichlorobenzene	<0.05 ppm	1.55	M,P-Xylene	<0.1 ppm	1.2
1,3 Dichloropropane	<0.05 ppm	0.3	Methacrylonitrile	<0.05 ppm	N/A
1,3,5 Trimethylbenzene	<0.05 ppm	N/A	Methyl methacrylate	<0.05 ppm	N/A
1,4 Dichlorobenzene	<0.05 ppm	8.5	Methyl t-Butyl Ether (MTBE)	<0.05 ppm	N/A
2,2 Dichloropropane	<0.05 ppm	N/A	Methylene Chloride	<0.05 ppm	0.1
2-Butanone	<0.05 ppm	0.3	N-Butylbenzene	<0.05 ppm	N/A
2-Chloroethyl Vinyl Ether	<0.05 ppm	N/A	N-Propylbenzene	<0.05 ppm	N/A
2-Chlorotoluene	<0.05 ppm	N/A	Naphthalene	<0.5 ppm	N/A
2-Hexanone	<0.05 ppm	N/A	O-Xylene	<0.05 ppm	1.2
4-Chlorotoluene	<0.05 ppm	N/A	P-Isopropyltoluene	<0.05 ppm	N/A
4-Methyl-2-Pentanone	<0.05 ppm	1.0	Sec-Butylbenzene	<0.05 ppm	N/A
Acetone	0.276 ppm	0.11	Styrene	<0.05 ppm	N/A
Acetonitrile	<0.05 ppm	N/A	Tert-Butylbenzene	<0.05 ppm	N/A
Acrolein	<0.05 ppm	N/A	Tetrachloroethene	<0.05 ppm	1.4
Acrylonitrile	<0.05 ppm	N/A	Toluene	<0.05 ppm	1.5
Benzene	<0.05 ppm	0.06	Trans-1,2 Dichloroethene	<0.05 ppm	0.3
Bromobenzene	<0.05 ppm	N/A	Trans-1,3 Dichloropropene	<0.05 ppm	N/A
Bromochloromethane	<0.05 ppm	N/A	Trichloroethene	<0.05 ppm	0.70
Bromodichloromethane	<0.05 ppm	N/A	Trichlorofluoromethane	<0.05 ppm	N/A
Bromoform	<0.05 ppm	N/A	Vinyl Chloride	<0.05 ppm	0.12
Bromomethane	<0.5 ppm	N/A	Vinyl Acetate	<0.05 ppm	N/A
Carbon Tetrachloride	<0.05 ppm	0.6			

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM #4046 Soil Cleanup Objectives to protect Groundwater Quality, for soil and the NYSDEC TAGM #4046 Groundwater Standards/Criteria, for groundwater are highlighted in RED.

N/A: Limit not available
ppm: Parts per Million ppb: Parts per Billion

SOIL & GROUNDWATER SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #B1 (Sampling Depth in Feet)	NYSDEC Soil Cleanup Objectives	Analytical Parameters	Soil Borehole #B1 (Sampling Depth in Feet)	NYSDEC Soil Cleanup Objectives
	S2 (9')	Soil (ppm)		S2 (9')	Soil (ppm)
1,1 Dichloroethane	<0.05 ppm	0.2	Carbon disulfide	<0.05 ppm	2.7
1,1 Dichloroethene	<0.05 ppm	0.4	Chlorobenzene	<0.05 ppm	1.7
1,1 Dichloropropene	<0.05 ppm	N/A	Chlorodibromomethane	<0.05 ppm	N/A
1,1,1 Trichloroethane	<0.05 ppm	0.76	Chloroethane	<0.05 ppm	1.9
1,1,1,2 Tetrachloroethane	<0.05 ppm	N/A	Chloroform	<0.05 ppm	0.30
1,1,2 Trichloroethane	<0.05 ppm	N/A	Chloromethane	<0.5 ppm	N/A
1,1,2,2 Tetrachloroethane	<0.05 ppm	0.6	Cis-1,2 Dichloroethene	<0.05 ppm	N/A
1,2 Dibromo-3-Chloropropane	<0.05 ppm	N/A	Cis-1,3 Dichloropropene	<0.05 ppm	N/A
1,2 Dibromoethane	<0.05 ppm	N/A	Dibromomethane	<0.05 ppm	N/A
1,2 Dichlorobenzene	<0.05 ppm	7.9	Dichlorodifluoromethane	<0.05 ppm	N/A
1,2 Dichloroethane	<0.05 ppm	0.1	Ethyl methacrylate	<0.05 ppm	N/A
1,2 Dichloropropane	<0.05 ppm	N/A	Ethylbenzene	<0.05 ppm	5.5
1,2,3 Trichlorobenzene	<0.5 ppm	N/A	Hexachlorobutadiene	<0.5 ppm	N/A
1,2,3 Trichloropropane	<0.05 ppm	0.34	Iodomethane	<0.5 ppm	N/A
1,2,4 Trichlorobenzene	<0.5 ppm	3.4	Isopropyl Ether	<0.05 ppm	N/A
1,2,4 Trimethylbenzene	<0.05 ppm	N/A	Isopropyl Benzene	<0.05 ppm	N/A
1,3 Dichlorobenzene	<0.05 ppm	1.55	M,P-Xylene	<0.1 ppm	1.2
1,3 Dichloropropane	<0.05 ppm	0.3	Methacrylonitrile	<0.05 ppm	N/A
1,3,5 Trimethylbenzene	<0.05 ppm	N/A	Methyl methacrylate	<0.05 ppm	N/A
1,4 Dichlorobenzene	<0.05 ppm	8.5	Methyl t-Butyl Ether (MTBE)	<0.05 ppm	N/A
2,2 Dichloropropane	<0.05 ppm	N/A	Methylene Chloride	<0.05 ppm	0.1
2-Butanone	<0.05 ppm	0.3	N-Butylbenzene	<0.05 ppm	N/A
2-Chloroethyl Vinyl Ether	<0.05 ppm	N/A	N-Propylbenzene	<0.05 ppm	N/A
2-Chlorotoluene	<0.05 ppm	N/A	Naphthalene	<0.5 ppm	N/A
2-Hexanone	<0.05 ppm	N/A	O-Xylene	<0.05 ppm	1.2
4-Chlorotoluene	<0.05 ppm	N/A	P-Isopropyltoluene	<0.05 ppm	N/A
4-Methyl-2-Pentanone	<0.05 ppm	1.0	Sec-Butylbenzene	<0.05 ppm	N/A
Acetone	<0.25 ppm	0.11	Styrene	<0.05 ppm	N/A
Acetonitrile	<0.05 ppm	N/A	Tert-Butylbenzene	<0.05 ppm	N/A
Acrolein	<0.05 ppm	N/A	Tetrachloroethene	<0.05 ppm	1.4
Acrylonitrile	<0.05 ppm	N/A	Toluene	<0.05 ppm	1.5
Benzene	<0.05 ppm	0.06	Trans-1,2 Dichloroethene	<0.05 ppm	0.3
Bromobenzene	<0.05 ppm	N/A	Trans-1,3 Dichloropropene	<0.05 ppm	N/A
Bromochloromethane	<0.05 ppm	N/A	Trichloroethene	<0.05 ppm	0.70
Bromodichloromethane	<0.05 ppm	N/A	Trichlorofluoromethane	<0.05 ppm	N/A
Bromoform	<0.05 ppm	N/A	Vinyl Chloride	<0.05 ppm	0.12
Bromomethane	<0.5 ppm	N/A	Vinyl Acetate		N/A
Carbon Tetrachloride	<0.05 ppm	0.6			

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM #4046 Soil Cleanup Objectives to protect Groundwater Quality, for soil and the NYSDEC TAGM #4046 Groundwater Standards/Criteria, for groundwater are highlighted in RED.

N/A: Limit not available
ppm: Parts per Million ppb: Parts per Billion

TABLE 2
Remedial Investigation
Groundwater Contamination
Summary
(Various Tables)

TABLE 2
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (TEMPORARY WELLPOINTS)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES INC.	SAMPLE ID:	WB-5 GWU/F			WB-6 GWU/F			WB-7 GWU/F			WB-8 GWU/F			WB-9 GWU/F			ST-1GW			FB			TB			DS-1GWU/F		
	LAB ID:	AC49930-011			AC49930-012			AC49930-013			AC49930-014			AC49930-015			AC49930-016			AC49930-017			AC49930-018			AC49930-022		
	COLLECTION DATE:	2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/16/2010			2/17/2010		
	SAMPLE MATRIX:	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Blank			Blank			Groundwater		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
VOLATILE ORGANICS (Vos)																												
Total VO TICs	NA	ND			ND			ND			ND			ND			ND			ND			ND			ND		
1,1,1-Trichloroethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
1,1,2,2-Tetrachloroethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND	J	5.0
1,1,2-Trichloroethane	1	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
1,1-Dichloroethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
1,1-Dichloroethene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
1,2,3-Trichloropropane	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
1,2,4-Trimethylbenzene	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
1,2-Dichlorobenzene	3	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
1,2-Dichloroethane	0.6	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND	UJ	0.50	ND	J	0.50
1,2-Dichloropropane	1	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
1,3,5-Trimethylbenzene	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
1,3-Dichlorobenzene	3	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
1,3-Dichloropropane	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
1,4-Dichlorobenzene	3	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
1,4-Dioxane	NA	ND		50	ND		50	ND		50	ND		50	ND		50	ND		50	ND		50	ND		50	ND	J	50
2-Butanone	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
2-Chloroethylvinylether	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
2-Hexanone	50	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	UJ/J	1.0
4-Isopropyltoluene	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
4-Methyl-2-pentanone	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	UJ/J	1.0
Acetone	50	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND	J	5.0
Acrolein	5	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND	J	5.0
Acrylonitrile	5	ND		2.0	ND		2.0	ND		2.0	ND		2.0	ND		2.0	ND		2.0	ND		2.0	ND		2.0	ND	J	2.0
Benzene	1	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND	J	0.50
Bromodichloromethane	50	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Bromoform	50	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Bromomethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Carbon disulfide	60	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Carbon tetrachloride	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Chlorobenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Chloroethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	UJ	1.0	ND	J	1.0
Chloroform	7	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Chloromethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
cis-1,2-Dichloroethene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	UJ/J	1.0
cis-1,3-Dichloropropene	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Dibromochloromethane	50	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Dichlorodifluoromethane	5	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND	J	1.0
Ethylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Isopropylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
m&p-Xylenes	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Methylene chloride	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Methyl-t-butyl ether	10	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND	J	0.50
n-Butylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
n-Propylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
o-Xylene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
sec-Butylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Styrene	930	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
t-Butyl Alcohol	NA	ND	UJ	5.0	ND	UJ	5.0	ND	UJ	5.0	ND	UJ	5.0	ND	UJ	5.0	ND	UJ	5.0	ND	UJ	5.0	ND		5.0	ND	J	5.0
t-Butylbenzene	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Tetrachloroethene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Toluene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Trans-1,2-dichloroethene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
trans-1,3-Dichloropropene	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Trichloroethene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0

TABLE 2
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (TEMPORARY WELLPOINTS)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	SAMPLE ID:	WB-5 GWU/F			WB-6 GWU/F			WB-7 GWU/F			WB-8 GWU/F			WB-9 GWU/F			ST-1GW			FB			TB			DS-1GWU/F		
	LAB ID:	AC49930-011			AC49930-012			AC49930-013			AC49930-014			AC49930-015			AC49930-016			AC49930-017			AC49930-018			AC49930-022		
	COLLECTION DATE:	2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/16/2010			2/17/2010		
	SAMPLE MATRIX:	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Blank			Blank			Groundwater		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Trichlorofluoromethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	UJ/J	1.0
Vinyl chloride	2	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
Xylenes (Total)	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND	J	1.0
SEMI-VOLATILE ORGANICS (SVOCs)																												
Total SVO TICs	NA	ND			ND			ND			ND			ND			ND			4.2	J		~		~	21	J	
1,2,4-Trichlorobenzene	5	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
1,2-Diphenylhydrazine	ND	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
2,4,5-Trichlorophenol	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
2,4,6-Trichlorophenol	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
2,4-Dichlorophenol	1	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
2,4-Dimethylphenol	1	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
2,4-Dinitrophenol	1	ND	UJ	11	ND	UJ	11	ND		11	ND		11	ND		11	ND		10	ND		11	~		~	ND		10
2,4-Dinitrotoluene	5	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
2,6-Dinitrotoluene	5	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
2-Chloronaphthalene	10	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
2-Chlorophenol	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
2-Methylnaphthalene	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
2-Methylphenol	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
2-Nitroaniline	5	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
2-Nitrophenol	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
3&4-Methylphenol	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
3,3'-Dichlorobenzidine	5	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
3-Nitroaniline	5	ND	UJ	2.2	ND	UJ	2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
4,6-Dinitro-2-methylphenol	NA	ND	UJ	11	ND	UJ	11	ND		11	ND		11	ND		11	ND		10	ND		11	~		~	ND		10
4-Bromophenyl-phenylether	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
4-Chloro-3-methylphenol	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
4-Chloroaniline	5	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
4-Chlorophenyl-phenylether	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
4-Nitroaniline	5	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
4-Nitrophenol	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Acenaphthene	20	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Acenaphthylene	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Aniline	5	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Anthracene	50	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Benzidine	5	ND		11	ND		11	ND		11	ND		11	ND		11	ND		10	ND		11	~		~	ND		10
Benzo[a]anthracene	0.002	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Benzo[a]pyrene	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Benzo[b]fluoranthene	0.002	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Benzo[g,h,i]perylene	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Benzo[k]fluoranthene	0.002	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Benzoic acid	NA	ND		11	ND		11	ND		11	ND		11	ND		11	ND		10	ND		11	~		~	ND		10
bis(2-Chloroethoxy)methane	5	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
bis(2-Chloroethyl)ether	1	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
bis(2-Chloroisopropyl)ether	5	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
bis(2-Ethylhexyl)phthalate	5	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Butylbenzylphthalate	50	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Carbazole	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Chrysene	0.002	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Dibenzo[a,h]anthracene	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Dibenzofuran	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Diethylphthalate	50	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Dimethylphthalate	50	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Di-n-butylphthalate	50	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Di-n-octylphthalate	50	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Fluoranthene	50	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Fluorene	50	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Hexachlorobenzene	0.04	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1

TABLE 2
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (TEMPORARY WELLPOINTS)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.

SAMPLE ID:		WB-5 GWU/F			WB-6 GWU/F			WB-7 GWU/F			WB-8 GWU/F			WB-9 GWU/F			ST-1GW			FB			TB			DS-1GWU/F		
LAB ID:		AC49930-011			AC49930-012			AC49930-013			AC49930-014			AC49930-015			AC49930-016			AC49930-017			AC49930-018			AC49930-022		
COLLECTION DATE:		2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/16/2010			2/17/2010		
SAMPLE MATRIX:		Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Blank			Blank			Groundwater		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Hexachlorobutadiene	0.5	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Hexachlorocyclopentadiene	5	ND		2.2	ND		2.2	ND		11	ND		11	ND		11	ND		10	ND		11	~		~	ND		10
Hexachloroethane	5	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Indeno[1,2,3-cd]pyrene	0.002	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Isophorone	50	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Naphthalene	10	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Nitrobenzene	0.4	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
N-Nitrosodimethylamine	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
N-Nitroso-di-n-propylamine	NA	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
N-Nitrosodiphenylamine	50	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Pentachlorophenol	1	ND		11	ND		11	ND		11	ND		11	ND		11	ND		10	ND		11	~		~	ND		10
Phenanthrene	50	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Phenol	1	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
Pyrene	50	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.2	ND		2.0	ND		2.1	~		~	ND		2.1
METALS - UNFILTERED																												
Mercury	1.4	ND		0.70	ND		0.70	ND		0.70	ND		0.70	ND		0.70	~		~	ND		0.70	~		~	ND		0.70
Aluminum	2,000	**22,000**		**180**	**2,100**		**180**	**2,100**		**180**	**3,900**		**180**	**11,000**		**180**	~		~	ND		180	~		~	**20,000**		**180**
Antimony	6	ND		12	ND		12	ND		12	ND		12	ND		12	~		~	ND		12	~		~	ND		12
Arsenic	50	19		7.5	ND		7.5	ND		7.5	9.3		7.5	7.6		7.5	~		~	ND		7.5	~		~	16		7.5
Barium	2,000	210	J	50	110		50	200		50	380		50	340		50	~		~	ND		50	~		~	190		50
Beryllium	3	ND		4.0	ND		4.0	ND		4.0	ND		4.0	ND		4.0	~		~	ND		4.0	~		~	ND		4.0
Cadmium	10	ND		3.5	ND		3.5	ND		3.5	ND		3.5	ND		3.5	~		~	ND		3.5	~		~	4.5		3.5
Calcium	NA	51,000		2,000	80,000		2,000	120,000		2,000	150,000		2,000	99,000		2,000	~		~	ND		2,000	~		~	48,000		2,000
Chromium	100	94		50	ND		50	ND		50	ND		50	ND		50	~		~	ND		50	~		~	88		50
Cobalt	NA	23		20	ND		20	ND		20	ND		20	ND		20	~		~	ND		20	~		~	22		20
Copper	1,000	53		50	ND		50	ND		50	ND		50	ND		50	~		~	ND		50	~		~	ND		50
Iron	600	**53,000**		**280**	**3,400**		**280**	**4,000**		**280**	**49,000**		**280**	**48,000**		**280**	~		~	ND		280	~		~	**47,000**		**280**
Lead	50	**88**		**4.0**	4.1		4.0	ND		4.0	**210**		**4.0**	21		4.0	~		~	ND		4.0	~		~	**77**		**4.0**
Magnesium	35,000	29,000		2,000	27,000		2,000	34,000		2,000	**65,000**		**2,000**	**60,000**		**2,000**	~		~	ND		2,000	~		~	27,000	J	2,000
Manganese	600	590		40	**1,400**		**40**	**3,100**		**40**	**1,300**		**40**	**1,300**		**40**	~		~	ND		40	~		~	540		40
Nickel	200	54		50	ND		50	ND		50	ND		50	ND		50	~		~	ND		50	~		~	50		50
Potassium	NA	9,900		5,000	6,200		5,000	10,000		5,000	38,000		5,000	26,000		5,000	~		~	ND		5,000	~		~	9,000		5,000
Selenium	20	ND		40	ND		40	ND		40	ND		40	ND		40	~		~	ND		40	~		~	ND		40
Silver	100	ND		20	ND		20	ND		20	ND		20	ND		20	~		~	ND		20	~		~	ND		20
Sodium	20,000	**36,000**		**5,000**	**390,000**		**5,000**	**350,000**		**5,000**	**400,000**		**5,000**	**340,000**		**5,000**	~		~	ND		5,000	~		~	**33,000**		**5,000**
Thallium	0.5	ND		10	ND		10	ND		10	ND		10	ND		10	~		~	ND		10	~		~	ND		10
Vanadium	NA	75		50	ND		50	ND		50	ND		50	ND		50	~		~	ND		50	~		~	67		50
Zinc	5,000	170		50	ND		50	ND		50	72		50	56		50	~		~	ND		50	~		~	160		50
METALS - FILTERED																												
Mercury	1.4	ND		0.70	ND		0.70	ND		0.70	ND		0.70	ND		0.70	~		~	~		~	~		~	ND		0.70
Aluminum	2,000	ND		180	ND		180	ND		180	ND		180	ND		180	~		~	~		~	~		~	ND		180
Antimony	6	ND		12	ND		12	ND		12	ND		12	ND		12	~		~	~		~	~		~	ND		12
Arsenic	50	ND		7.5	ND		7.5	ND		7.5	ND		7.5	ND		7.5	~		~	~		~	~		~	ND		7.5
Barium	2,000	ND		50	90		50	160		50	140		50	180		50	~		~	~		~	~		~	ND		50
Beryllium	3	ND		4.0	ND		4.0	ND		4.0	ND		4.0	ND		4.0	~		~	~		~	~		~	ND		4.0
Cadmium	10	ND		3.5	ND		3.5	ND		3.5	ND		3.5	ND		3.5	~		~	~		~	~		~	ND		3.5
Calcium	NA	43,000		2,000	80,000		2,000	110,000		2,000	140,000		2,000	97,000		2,000	~		~	~		~	~		~	42,000		2,000
Chromium	100	ND		50	ND		50	ND		50	ND		50	ND		50	~		~	~		~	~		~	ND		50
Cobalt	NA	ND		20	ND		20	ND		20	ND		20	ND		20	~		~	~		~	~		~	ND		20
Copper	1,000	ND		50	ND		50	ND		50	ND		50	ND		50	~		~	~		~	~		~	ND		50
Iron	600	ND		280	ND		280	ND		280	430		280	**760**		**280**	~		~	~		~	~		~	ND		280
Lead	50	ND		4.0	ND		4.0	ND		4.0	ND		4.0	ND		4.0	~		~	~		~	~		~	ND		4.0
Magnesium	35,000	19,000		2,000	27,000		2,000	32,000		2,000	**62,000**		**2,000**	**57,000**		**2,000**	~		~	~		~	~		~	19,000		2,000

TABLE 2
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (TEMPORARY WELLPOINTS)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	SAMPLE ID:	WB-5 GWU/F			WB-6 GWU/F			WB-7 GWU/F			WB-8 GWU/F			WB-9 GWU/F			ST-1GW			FB			TB			DS-1GWU/F		
	LAB ID:	AC49930-011			AC49930-012			AC49930-013			AC49930-014			AC49930-015			AC49930-016			AC49930-017			AC49930-018			AC49930-022		
	COLLECTION DATE:	2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/17/2010			2/16/2010			2/17/2010		
	SAMPLE MATRIX:	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Blank			Blank			Groundwater		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Manganese	600	160		40	**1,400**		**40**	**2,900**		**40**	**1,100**		**40**	**1,100**		**40**	~		~	~		~	~		~	200		40
Nickel	200	ND		50	ND		50	ND		50	ND		50	ND		50	~		~	~		~	~		~	ND		50
Potassium	NA	6,400		5,000	5,600		5,000	8,900		5,000	37,000		5,000	23,000		5,000	~		~	~		~	~		~	6,400		5,000
Selenium	20	ND		40	ND		40	ND		40	ND		40	ND		40	~		~	~		~	~		~	ND		40
Silver	100	ND		20	ND		20	ND		20	ND		20	ND		20	~		~	~		~	~		~	ND		20
Sodium	20,000	**34,000**		**5,000**	**400,000**		**5,000**	**350,000**		**5,000**	**410,000**		**5,000**	**350,000**		**5,000**	~		~	~		~	~		~	**36,000**		**5,000**
Thallium	0.5	ND		10	ND		10	ND		10	ND		10	ND		10	~		~	~		~	~		~	ND		10
Vanadium	NA	ND		50	ND		50	ND		50	ND		50	ND		50	~		~	~		~	~		~	ND		50
Zinc	5,000	ND		50	ND		50	ND		50	ND		50	ND		50	~		~	~		~	~		~	ND		50
POLYCHLORINATED BIPHENYLS (PCBs)																												
Aroclor (Total)	NA	ND		0.25	ND		0.25	ND		0.26	ND		0.26	ND		0.26	~		~	ND		0.26	~		~	ND		0.27
Aroclor-1016	0.9	ND		0.25	ND		0.25	ND		0.26	ND		0.26	ND		0.26	~		~	ND		0.26	~		~	ND		0.27
Aroclor-1221	0.9	ND		0.25	ND		0.25	ND		0.26	ND		0.26	ND		0.26	~		~	ND		0.26	~		~	ND		0.27
Aroclor-1232	0.9	ND		0.25	ND		0.25	ND		0.26	ND		0.26	ND		0.26	~		~	ND		0.26	~		~	ND		0.27
Aroclor-1242	0.9	ND		0.25	ND		0.25	ND		0.26	ND		0.26	ND		0.26	~		~	ND		0.26	~		~	ND		0.27
Aroclor-1248	0.9	ND		0.25	ND		0.25	ND		0.26	ND		0.26	ND		0.26	~		~	ND		0.26	~		~	ND		0.27
Aroclor-1254	0.9	ND		0.25	ND		0.25	ND		0.26	ND		0.26	ND		0.26	~		~	ND		0.26	~		~	ND		0.27
Aroclor-1260	0.9	ND		0.25	ND		0.25	ND		0.26	ND		0.26	ND		0.26	~		~	ND		0.26	~		~	ND		0.27
Aroclor-1262	0.9	ND		0.25	ND		0.25	ND		0.26	ND		0.26	ND		0.26	~		~	ND		0.26	~		~	ND		0.27
Aroclor-1268	NA	ND		0.25	ND		0.25	ND		0.26	ND		0.26	ND		0.26	~		~	ND		0.26	~		~	ND		0.27
PESTICIDES																												
Aldrin	NA	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
Alpha-BHC	NA	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
beta-BHC	NA	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
Chlordane	0.05	ND		0.10	ND		0.10	ND		0.10	ND		0.10	ND		0.10	~		~	ND		0.10	~		~	ND		0.11
delta-BHC	NA	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
Dieldrin	0.004	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
Endosulfan I	NA	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
Endosulfan II	NA	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
Endosulfan Sulfate	NA	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
Endrin	NA	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
Endrin Aldehyde	5	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
Endrin Ketone	5	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
gamma-BHC	NA	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
Heptachlor	0.04	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
Heptachlor Epoxide	0.03	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
Methoxychlor	35	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
p,p'-DDD	0.3	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
p,p'-DDE	0.2	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
p,p'-DDT	0.2	ND		0.010	ND		0.010	ND		0.010	ND		0.010	ND		0.010	~		~	ND		0.010	~		~	ND		0.011
Toxaphene	0.06	ND		0.25	ND		0.25	ND		0.26	ND		0.26	ND		0.26	~		~	ND		0.26	~		~	ND		0.27
OTHER PARAMETERS																												
Cyanide	400	ND		0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.01	~		~	ND		0.01	~		~	ND		0.01

Notes:
Shaded and Bold value indicates an exceedence of the NYSDEC TOGS
All results reported in parts per billion (ppb or ug/L)
TOGS - NYSDEC Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standard
Flg - Data Qualifier
RL - Laboratory Reporting Limit
ND - Not Detected Exceeding RL
NA - No Applicable NYSDEC standard
~ - Not analyzed for this compound
UJ or J - Bias

TABLE 3
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELL MW-8 - MARCH 9, 2010)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	SAMPLE ID:	MW-8 U/F			DS-8GW U/F			FB U/F			TB		
	LAB ID:	AC50253-001			AC50253-003			AC50253-005			AC50253-007		
	COLLECTION DATE:	3/9/2010			3/9/2010			3/9/2010			3/8/2010		
	SAMPLE MATRIX:	Groundwater			Groundwater			Groundwater			Blank		
ANALYTE	TOGS	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
VOLATILE ORGANICS VOCs)													
Total VO TICs	NA	ND			ND			ND			ND		
1,1,1-Trichloroethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
1,1,2,2-Tetrachloroethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		5.0	ND		5.0	ND		5.0	ND		5.0
1,1,2-Trichloroethane	1	ND		1.0	ND		1.0	ND		1.0	ND		1.0
1,1-Dichloroethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
1,1-Dichloroethene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
1,2,3-Trichloropropane	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0
1,2,4-Trimethylbenzene	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0
1,2-Dichlorobenzene	3	ND		1.0	ND		1.0	ND		1.0	ND		1.0
1,2-Dichloroethane	0.6	ND		0.50	ND		0.50	ND		0.50	ND		0.50
1,2-Dichloropropane	1	ND		1.0	ND		1.0	ND		1.0	ND		1.0
1,3,5-Trimethylbenzene	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0
1,3-Dichlorobenzene	3	ND		1.0	ND		1.0	ND		1.0	ND		1.0
1,3-Dichloropropane	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0
1,4-Dichlorobenzene	3	ND		1.0	ND		1.0	ND		1.0	ND		1.0
1,4-Dioxane	NA	ND		50	ND		50	ND		50	ND		50
2-Butanone	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0
2-Chloroethylvinylether	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0
2-Hexanone	50	ND		1.0	ND		1.0	ND		1.0	ND		1.0
4-Isopropyltoluene	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0
4-Methyl-2-pentanone	NA	ND		1.0	ND	UJ	1.0	ND		1.0	ND		1.0
Acetone	50	ND		5.0	ND	UJ	5.0	ND		5.0	ND		5.0
Acrolein	5	ND		5.0	ND		5.0	ND		5.0	ND		5.0
Acrylonitrile	5	ND		2.0	ND		2.0	ND		2.0	ND		2.0
Benzene	1	ND		0.50	ND		0.50	ND		0.50	ND		0.50
Bromodichloromethane	50	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Bromoform	50	ND		1.0	ND	UJ	1.0	ND		1.0	ND		1.0
Bromomethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Carbon disulfide	60	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Carbon tetrachloride	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Chlorobenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Chloroethane	5	ND		1.0	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0
Chloroform	7	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Chloromethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0

TABLE 3
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELL MW-8 - MARCH 9, 2010)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	SAMPLE ID:	MW-8 U/F			DS-8GW U/F			FB U/F			TB		
	LAB ID:	AC50253-001			AC50253-003			AC50253-005			AC50253-007		
	COLLECTION DATE:	3/9/2010			3/9/2010			3/9/2010			3/8/2010		
	SAMPLE MATRIX:	Groundwater			Groundwater			Groundwater			Blank		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
cis-1,2-Dichloroethene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
cis-1,3-Dichloropropene	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Dibromochloromethane	50	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Dichlorodifluoromethane	5	ND		1.0	ND	UJ	1.0	ND		1.0	ND		1.0
Ethylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Isopropylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
m&p-Xylenes	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Methylene chloride	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Methyl-t-butyl ether	10	ND		0.50	ND		0.50	ND		0.50	ND		0.50
n-Butylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
n-Propylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
o-Xylene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
sec-Butylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Styrene	930	ND		1.0	ND		1.0	ND		1.0	ND		1.0
t-Butyl Alcohol	NA	ND		5.0	ND		5.0	ND		5.0	ND		5.0
t-Butylbenzene	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Tetrachloroethene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Toluene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
trans-1,2-Dichloroethene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
trans-1,3-Dichloropropene	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Trichloroethene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Trichlorofluoromethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Vinyl chloride	2	ND		1.0	ND		1.0	ND		1.0	ND		1.0
Xylenes (Total)	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0
SEMI-VOLATILE ORGANICS (SVOCs)													
Total SVO TICs	NA	42	J		45	J		5.5	J		~		
1,2,4-Trichlorobenzene	5	ND		2.2	ND		2.2	ND		2.1	~		~
1,2-Diphenylhydrazine	ND	ND		2.2	ND		2.2	ND		2.1	~		~
2,4,5-Trichlorophenol	NA	ND		2.2	ND		2.2	ND		2.1	~		~
2,4,6-Trichlorophenol	NA	ND		2.2	ND		2.2	ND		2.1	~		~
2,4-Dichlorophenol	1	ND		2.2	ND		2.2	ND		2.1	~		~
2,4-Dimethylphenol	1	ND		2.2	ND		2.2	ND		2.1	~		~
2,4-Dinitrophenol	1	ND		11	ND		11	ND		10	~		~
2,4-Dinitrotoluene	5	ND		2.2	ND		2.2	ND		2.1	~		~
2,6-Dinitrotoluene	5	ND		2.2	ND		2.2	ND		2.1	~		~
2-Chloronaphthalene	10	ND		2.2	ND		2.2	ND		2.1	~		~
2-Chlorophenol	NA	ND		2.2	ND		2.2	ND		2.1	~		~

TABLE 3
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELL MW-8 - MARCH 9, 2010)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	SAMPLE ID:	MW-8 U/F			DS-8GW U/F			FB U/F			TB		
	LAB ID:	AC50253-001			AC50253-003			AC50253-005			AC50253-007		
	COLLECTION DATE:	3/9/2010			3/9/2010			3/9/2010			3/8/2010		
	SAMPLE MATRIX:	Groundwater			Groundwater			Groundwater			Blank		
ANALYTE	TOGS	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
2-Methylnaphthalene	NA	ND		2.2	ND		2.2	ND		2.1	~		~
2-Methylphenol	NA	ND		2.2	ND		2.2	ND		2.1	~		~
2-Nitroaniline	5	ND		2.2	ND		2.2	ND		2.1	~		~
2-Nitrophenol	NA	ND		2.2	ND		2.2	ND		2.1	~		~
3&4-Methylphenol	NA	6.1		2.2	6.0		2.2	ND		2.1	~		~
3,3'-Dichlorobenzidine	5	ND		2.2	ND		2.2	ND		2.1	~		~
3-Nitroaniline	5	ND		2.2	ND		2.2	ND		2.1	~		~
4,6-Dinitro-2-methylphenol	NA	ND		11	ND		11	ND		10	~		~
4-Bromophenyl-phenylether	NA	ND		2.2	ND		2.2	ND		2.1	~		~
4-Chloro-3-methylphenol	NA	ND		2.2	ND		2.2	ND		2.1	~		~
4-Chloroaniline	5	ND		2.2	ND		2.2	ND		2.1	~		~
4-Chlorophenyl-phenylether	NA	ND		2.2	ND		2.2	ND		2.1	~		~
4-Nitroaniline	5	ND		2.2	ND		2.2	ND		2.1	~		~
4-Nitrophenol	NA	ND		2.2	ND		2.2	ND		2.1	~		~
Acenaphthene	20	ND		2.2	ND		2.2	ND		2.1	~		~
Acenaphthylene	NA	ND		2.2	ND		2.2	ND		2.1	~		~
Aniline	5	ND		2.2	ND		2.2	ND		2.1	~		~
Anthracene	50	ND		2.2	ND		2.2	ND		2.1	~		~
Benzidine	5	ND		11	ND		11	ND		10	~		~
Benzo[a]anthracene	0.002	ND		2.2	ND		2.2	ND		2.1	~		~
Benzo[a]pyrene	NA	ND		2.2	ND		2.2	ND		2.1	~		~
Benzo[b]fluoranthene	0.002	ND		2.2	ND		2.2	ND		2.1	~		~
Benzo[g,h,i]perylene	NA	ND		2.2	ND		2.2	ND		2.1	~		~
Benzo[k]fluoranthene	0.002	ND		2.2	ND		2.2	ND		2.1	~		~
Benzoic acid	NA	ND		11	ND		11	ND		10	~		~
bis(2-Chloroethoxy)methane	5	ND		2.2	ND		2.2	ND		2.1	~		~
bis(2-Chloroethyl)ether	1	ND		2.2	ND		2.2	ND		2.1	~		~
bis(2-Chloroisopropyl)ether	5	ND		2.2	ND		2.2	ND		2.1	~		~
bis(2-Ethylhexyl)phthalate	5	ND		2.2	ND		2.2	ND		2.1	~		~
Butylbenzylphthalate	50	ND		2.2	ND		2.2	ND		2.1	~		~
Carbazole	NA	ND		2.2	ND		2.2	ND		2.1	~		~
Chrysene	0.002	ND		2.2	ND		2.2	ND		2.1	~		~
Dibenzo[a,h]anthracene	NA	ND		2.2	ND		2.2	ND		2.1	~		~
Dibenzofuran	NA	ND		2.2	ND		2.2	ND		2.1	~		~
Diethylphthalate	50	ND		2.2	ND		2.2	ND		2.1	~		~
Dimethylphthalate	50	ND		2.2	ND		2.2	ND		2.1	~		~
Di-n-butylphthalate	50	ND		2.2	ND		2.2	ND		2.1	~		~

TABLE 3
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELL MW-8 - MARCH 9, 2010)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	SAMPLE ID:	MW-8 U/F			DS-8GW U/F			FB U/F			TB		
	LAB ID:	AC50253-001			AC50253-003			AC50253-005			AC50253-007		
	COLLECTION DATE:	3/9/2010			3/9/2010			3/9/2010			3/8/2010		
	SAMPLE MATRIX:	Groundwater			Groundwater			Groundwater			Blank		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Di-n-octylphthalate	50	ND		2.2	ND		2.2	ND		2.1	~		~
Fluoranthene	50	ND		2.2	ND		2.2	ND		2.1	~		~
Fluorene	50	ND		2.2	ND		2.2	ND		2.1	~		~
Hexachlorobenzene	0.04	ND		2.2	ND		2.2	ND		2.1	~		~
Hexachlorobutadiene	0.5	ND		2.2	ND		2.2	ND		2.1	~		~
Hexachlorocyclopentadiene	5	ND		11	ND		11	ND		10	~		~
Hexachloroethane	5	ND		2.2	ND		2.2	ND		2.1	~		~
Indeno[1,2,3-cd]pyrene	0.002	ND		2.2	ND		2.2	ND		2.1	~		~
Isophorone	50	ND		2.2	ND		2.2	ND		2.1	~		~
Naphthalene	10	ND		2.2	ND		2.2	ND		2.1	~		~
Nitrobenzene	0.4	ND		2.2	ND		2.2	ND		2.1	~		~
N-Nitrosodimethylamine	NA	ND		2.2	ND		2.2	ND		2.1	~		~
N-Nitroso-di-n-propylamine	NA	ND		2.2	ND		2.2	ND		2.1	~		~
N-Nitrosodiphenylamine	50	ND		2.2	ND		2.2	ND		2.1	~		~
Pentachlorophenol	1	ND		11	ND		11	ND		10	~		~
Phenanthrene	50	ND		2.2	ND		2.2	ND		2.1	~		~
Phenol	1	ND		2.2	ND		2.2	ND		2.1	~		~
Pyrene	50	ND		2.2	ND		2.2	ND		2.1	~		~
METALS - UNFILTERED													
Mercury	1.4	ND	UJ	0.70	ND	UJ	0.70	ND	UJ	0.70	~		~
Aluminum	2,000	ND		180	ND		180	ND		180	~		~
Antimony	6	ND		12	ND		12	ND		12	~		~
Arsenic	50	ND		7.5	ND		7.5	ND		7.5	~		~
Barium	2,000	250		50	260		50	ND		50	~		~
Beryllium	3	ND		4.0	ND		4.0	ND		4.0	~		~
Cadmium	10	ND		3.5	ND		3.5	ND		3.5	~		~
Calcium	NA	140,000		2,000	150,000		2,000	ND		2,000	~		~
Chromium	100	ND		50	ND		50	ND		50	~		~
Cobalt	NA	ND		20	ND		20	ND		20	~		~
Copper	1000	ND		50	ND		50	ND		50	~		~
Iron	600	**33,000**		**280**	**35,000**		**280**	ND		280	~		~
Lead	50	ND		4.0	ND		4.0	ND		4.0	~		~
Magnesium	35,000	**40,000**		**2,000**	**42,000**		**2,000**	ND		2,000	~		~
Manganese	600	**1,700**		**40**	**1,800**		**40**	ND		40	~		~
Nickel	200	ND		50	ND		50	ND		50	~		~
Potassium	NA	17,000		5,000	17,000		5,000	ND		5,000	~		~
Selenium	20	ND		40	ND		40	ND		40	~		~

TABLE 3
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELL MW-8 - MARCH 9, 2010)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	SAMPLE ID:	MW-8 U/F			DS-8GW U/F			FB U/F			TB		
	LAB ID:	AC50253-001			AC50253-003			AC50253-005			AC50253-007		
	COLLECTION DATE:	3/9/2010			3/9/2010			3/9/2010			3/8/2010		
	SAMPLE MATRIX:	Groundwater			Groundwater			Groundwater			Blank		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Silver	100	ND		20	ND		20	ND		20	~		~
Sodium	20,000	**250,000**		**5,000**	**250,000**		**5,000**	ND		5,000	~		~
Thallium	0.5	ND		10	ND		10	ND		10	~		~
Vanadium	NA	ND		50	ND		50	ND		50	~		~
Zinc	5,000	ND		50	ND		50	ND		50	~		~
METALS - FILTERED													
Mercury	1.4	ND	UJ	0.70	ND	UJ	0.70	ND	UJ	0.70	~		~
Aluminum	2,000	ND		180	ND		180	ND		180	~		~
Antimony	6	ND		12	ND		12	ND		12	~		~
Arsenic	50	ND		7.5	ND		7.5	ND		7.5	~		~
Barium	2,000	150		50	150		50	ND		50	~		~
Beryllium	3	ND		4.0	ND		4.0	ND		4.0	~		~
Cadmium	10	ND		3.5	ND		3.5	ND		3.5	~		~
Calcium	NA	140,000		2,000	140,000		2,000	ND		2,000	~		~
Chromium	100	ND		50	ND		50	ND		50	~		~
Cobalt	NA	ND		20	ND		20	ND		20	~		~
Copper	1000	ND		50	ND		50	ND		50	~		~
Iron	600	**5,800**		**280**	**5,200**		**280**	ND		280	~		~
Lead	50	ND		4.0	ND		4.0	ND		4.0	~		~
Magnesium	35,000	**40,000**		**2,000**	**40,000**		**2,000**	ND		2,000	~		~
Manganese	600	**1,700**		**40**	**1,700**		**40**	ND		40	~		~
Nickel	200	ND		50	ND		50	ND		50	~		~
Potassium	NA	15,000		5,000	16,000		5,000	ND		5,000	~		~
Selenium	20	ND		40	ND		40	ND		40	~		~
Silver	100	ND		20	ND		20	ND		20	~		~
Sodium	20,000	**240,000**		**5,000**	**250,000**		**5,000**	ND		5,000	~		~
Thallium	0.5	ND		10	ND		10	ND		10	~		~
Vanadium	NA	ND		50	ND		50	ND		50	~		~
Zinc	5,000	ND		50	ND		50	ND		50	~		~
POLYCHLORINATED BIPHENYLS (PCBs)													
Aroclor (Total)	NA	ND		0.25	ND		0.26	ND		0.25	~		~
Aroclor-1016	0.9	ND		0.25	ND		0.26	ND		0.25	~		~
Aroclor-1221	0.9	ND		0.25	ND		0.26	ND		0.25	~		~
Aroclor-1232	0.9	ND		0.25	ND		0.26	ND		0.25	~		~
Aroclor-1242	0.9	ND		0.25	ND		0.26	ND		0.25	~		~
Aroclor-1248	0.9	ND		0.25	ND		0.26	ND		0.25	~		~

TABLE 3
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELL MW-8 - MARCH 9, 2010)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	SAMPLE ID:	MW-8 U/F			DS-8GW U/F			FB U/F			TB		
	LAB ID:	AC50253-001			AC50253-003			AC50253-005			AC50253-007		
	COLLECTION DATE:	3/9/2010			3/9/2010			3/9/2010			3/8/2010		
	SAMPLE MATRIX:	Groundwater			Groundwater			Groundwater			Blank		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Aroclor-1254	0.9	ND		0.25	ND		0.26	ND		0.25	~		~
Aroclor-1260	0.9	ND		0.25	ND		0.26	ND		0.25	~		~
Aroclor-1262	0.9	ND		0.25	ND		0.26	ND		0.25	~		~
Aroclor-1268	NA	ND		0.25	ND		0.26	ND		0.25	~		~
PESTICIDES													
Aldrin	NA	ND		0.010	ND		0.010	ND		0.010	~		~
Alpha-BHC	NA	ND		0.010	ND		0.010	ND		0.010	~		~
beta-BHC	NA	ND		0.010	ND		0.010	ND		0.010	~		~
Chlordane	0.05	ND		0.10	ND		0.10	ND		0.10	~		~
delta-BHC	NA	ND		0.010	ND		0.010	ND		0.010	~		~
Dieldrin	0.004	ND		0.010	ND		0.010	ND		0.010	~		~
Endosulfan I	NA	ND		0.010	ND		0 010	ND		0.010	~		~
Endosulfan II	NA	ND		0.010	ND		0.010	ND		0.010	~		~
Endosulfan Sulfate	NA	ND		0.010	ND		0.010	ND		0.010	~		~
Endrin	NA	ND		0.010	ND		0.010	ND		0.010	~		~
Endrin Aldehyde	5	ND		0.010	ND		0.010	ND		0.010	~		~
Endrin Ketone	5	ND		0.010	ND		0.010	ND		0.010	~		~
gamma-BHC	NA	ND		0.010	ND		0.010	ND		0.010	~		~
Heptachlor	0.04	ND		0.010	ND		0.010	ND		0.010	~		~
Heptachlor Epoxide	0.03	ND		0.010	ND		0.010	ND		0.010	~		~
Methoxychlor	35	ND		0.010	ND		0.010	ND		0.010	~		~
p,p'-DDD	0.3	ND		0.010	ND		0.010	ND		0.010	~		~
p,p'-DDE	0.2	ND		0.010	ND		0.010	ND		0.010	~		~
p,p'-DDT	0.2	ND		0.010	ND		0.010	ND		0.010	~		~
Toxaphene	0.06	ND		0.25	ND		0.26	ND		0.25	~		~
OTHER PARAMETERS													
Cyanide	400	ND		0.01	ND		0.01	ND		0.01	~		~

Notes:
Shaded and Bold value indicates an exceedence of the NYSDEC TOGS
All results reported in parts per billion (ppb or ug/L)
TOGS - NYSDEC Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standard
Flg - Data Qualifier
RL - Laboratory Reporting Limit
ND - Not Detected Exceeding RL
NA - No Applicable NYSDEC standard
J - Detected at an estimated concentration
~ - Not analyzed for this compound
UJ - Bias

TABLE 3
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MW-5 AND TEMPORARY WELLPOINTS)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	CLIENT ID:	MW-5			WB-1GW			WB-2 GW U/F			WB-3 GW			WB-4 GW U/F			FB			TB			FB			TB			FB U/F			TB		
	LAB ID:	AC42279-001			AC42169-003			AC42868-007			AC42868-008			AC42868-010			AC42169-007			AC42169-008			AC42279-003			AC42279-004			AC42868-013			AC42868-014		
	COLLECTION DATE:	1/20/2009			1/13/2009			2/20/2009			2/19/2009			2/20/2009			1/13/2009			1/12/2009			1/20/2009			1/20/2009			2/20/2009			2/17/2009		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
VOLATILE ORGANICS (VOs)																																		
Total VO TICs	NA	~		~	~		~	ND			~		~	ND			~		~	~		~	~		~	~		~	ND			ND		
1,1,1-Trichloroethane	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
1,1,2,2-Tetrachloroethane	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		1	ND		1	ND		5.0	ND		5.0	ND		5.0	ND		1	ND		1	ND		1	ND		1	ND		5.0	ND		5.0
1,1,2-Trichloroethane	1	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
1,1-Dichloroethane	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
1,1-Dichloroethene	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
1,2,3-Trichloropropane	NA	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND	UJ	1	ND	UJ	1	ND		1	ND		1	ND		1.0	ND		1.0
1,2,4-Trimethylbenzene	NA	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
1,2-Dichlorobenzene	3	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
1,2-Dichloroethane	0.6	ND		0.5	ND		0.5	ND		0.50	ND		0.50	ND		0.50	ND		0.5	ND		0.5	ND		0.5	ND		0.5	ND		0.50	ND		0.50
1,2-Dichloropropane	1	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
1,3,5-Trimethylbenzene	NA	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
1,3-Dichlorobenzene	3	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
1,3-Dichloropropane	NA	ND	UJ	1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
1,4-Dichlorobenzene	3	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
1,4-Dioxane	NA	ND		50	ND		50	ND		250	ND		250	ND		250	ND		50	ND		50	ND		50	ND		50	ND		250	ND		250
2-Butanone	NA	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
2-Chloroethylvinylether	NA	ND		1	ND		1	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND		1	ND		1	ND		1	ND		1	ND	UJ	1.0	ND	UJ	1.0
2-Hexanone	NA	ND		1	ND	UJ	1	ND	UJ	5.0	ND	UJ	5.0	ND	UJ	5.0	ND		1	ND		1	ND	UJ	1	ND	UJ	1	ND	UJ	5.0	ND	UJ	5.0
4-Isopropyltoluene	NA	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
4-Methyl-2-pentanone	NA	ND		1	ND		1	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND		1	ND		1	ND	UJ	1	ND	UJ	1	ND	UJ	1.0	ND	UJ	1.0
Acetone	NA	ND		5	ND		5	ND		5.0	ND		5.0	ND		5.0	ND		5	ND		5	ND		5	ND		5	ND		5.0	ND		5.0
Acrolein	5	ND		5	ND		5	ND		5.0	ND		5.0	ND		5.0	ND	UJ	5	ND	UJ	5	ND		5	ND		5	ND		5.0	ND		5.0
Acrylonitrile	5	ND	UJ	1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND	UJ	1	ND	UJ	1	ND		1	ND		1	ND		1.0	ND		1.0
Benzene	1	ND		0.5	ND		0.5	ND		0.50	ND		0.50	ND		0.50	ND		0.5	ND		0.5	ND		0.5	ND		0.5	ND		0.50	ND		0.50
Bromodichloromethane	NA	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
Bromoform	NA	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
Bromomethane	5	ND	R	1	ND	R	1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND	R	1	ND	R	1	ND		1.0	ND		1.0
Carbon disulfide	60	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
Carbon tetrachloride	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
Chlorobenzene	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
Chloroethane	5	ND		1	ND		1	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND		1	ND		1	ND		1	ND		1	ND	UJ	1.0	ND	UJ	1.0
Chloroform	NA	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
Chloromethane	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
cis-1,2-Dichloroethene	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
cis-1,3-Dichloropropene	NA	ND		1	ND		1	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND		1	ND		1	ND		1	ND		1	ND	UJ	1.0	ND	UJ	1.0
Dibromochloromethane	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
Dichlorodifluoromethane	5	ND	UJ	1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND	UJ	1	ND	UJ	1	ND		1.0	ND		1.0
Ethylbenzene	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
Isopropylbenzene	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
m&p-Xylenes	5	ND	UJ	2	ND		2	ND		2.0	ND		2.0	ND		2.0	ND		2	ND		2	ND		2	ND		2	ND		2.0	ND		2.0
Methylene chloride	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	2.3		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
Methyl-t-butyl ether	10	ND		0.5	ND		0.5	ND		0.50	ND		0.50	ND		0.50	ND		1	ND		1	ND		0.5	ND		0.5	ND		0.50	ND		0.50
n-Butylbenzene	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
n-Propylbenzene	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
o-Xylene	5	ND	UJ	1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
sec-Butylbenzene	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
Styrene	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
t-Butyl Alcohol	NA	ND		5	ND		5	ND	UJ	25	ND	UJ	25	ND	UJ	25	ND		5	ND		5	ND	UJ	5	ND	UJ	5	ND	UJ	25	ND	UJ	25
t-Butylbenzene	NA	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
Tetrachloroethene	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
Toluene	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0

TABLE 3
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MW-5 AND TEMPORARY WELLPOINTS)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	CLIENT ID:	MW-5			WB-1GW			WB-2 GW U/F			WB-3 GW			WB-4 GW U/F			FB			TB			FB			TB			FB U/F			TB		
	LAB ID:	AC42279-001			AC42169-003			AC42868-007			AC42868-008			AC42868-010			AC42169-007			AC42169-008			AC42279-003			AC42279-004			AC42868-013			AC42868-014		
	COLLECTION DATE:	1/20/2009			1/13/2009			2/20/2009			2/19/2009			2/20/2009			1/13/2009			1/12/2009			1/20/2009			1/20/2009			2/20/2009			2/17/2009		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Trans-1,2-dichloroethene	5	ND		1	ND		1	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND		1	ND		1	ND		1	ND		1	ND	UJ	1.0	ND	UJ	1.0
Trans-1,3-dichloropropene	NA	ND		1	ND		1	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND		1	ND		1	ND		1	ND		1	ND	UJ	1.0	ND	UJ	1.0
Trichloroethene	5	ND		1	ND		1	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND		1	ND		1	ND		1	ND		1	ND	UJ	1.0	ND	UJ	1.0
Trichlorofluoromethane	5	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND	UJ	1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
Vinyl chloride	2	ND		1	ND		1	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1.0	ND		1.0
Xylenes (Total)	NA	ND	UJ	1	ND		1	ND		1.0	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1
SEMI-VOLATILE ORGANICS (SVOs)																																		
Total SVO TICs	NA	~		~	~		~	ND			ND			ND			~		~	~		~	~		~	~		~	ND			~		~
1,2,4-Trichlorobenzene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
1,2-Diphenylhydrazine	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
2,4,5-Trichlorophenol	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
2,4,6-Trichlorophenol	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
2,4-Dichlorophenol	1	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
2,4-Dimethylphenol	1	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
2,4-Dinitrophenol	1	ND		11	ND		10	ND		11	ND		11	ND		11	ND		11	~		~	ND		10	~		~	ND		10	~		~
2,4-Dinitrotoluene	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
2,6-Dinitrotoluene	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
2-Chloronaphthalene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
2-Chlorophenol	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
2-Methylnaphthalene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
2-Methylphenol	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
2-Nitroaniline	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
2-Nitrophenol	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
3&4-Methylphenol	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
3,3'-Dichlorobenzidine	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
3-Nitroaniline	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
4,6-Dinitro-2-methylphenol	NA	ND		11	ND		10	ND		11	ND		11	ND		11	ND		11	~		~	ND		10	~		~	ND		10	~		~
4-Bromophenyl-phenylether	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
4-Chloro-3-methylphenol	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
4-Chloroaniline	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
4-Chlorophenyl-phenylether	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
4-Nitroaniline	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
4-Nitrophenol	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Acenaphthene	20	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Acenaphthylene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Aniline	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Anthracene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Benzidine	5	ND		11	ND		10	ND		11	ND		11	ND		11	ND		11	~		~	ND		10	~		~	ND		10	~		~
Benzo[a]anthracene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Benzo[a]pyrene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Benzo[b]fluoranthene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Benzo[g,h,i]perylene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Benzo[k]fluoranthene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Benzoic acid	NA	ND		2.1	ND		2	ND		11	ND		11	ND		11	ND		11	~		~	ND		2	~		~	ND		10	~		~
bis(2-Chloroethoxy)methane	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
bis(2-Chloroethyl)ether	1	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
bis(2-Chloroisopropyl)ether	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
bis(2-Ethylhexyl)phthalate	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Butylbenzylphthalate	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Carbazole	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Chrysene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Dibenzo[a,h]anthracene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Dibenzofuran	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Diethylphthalate	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~

TABLE 3
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MW-5 AND TEMPORARY WELLPOINTS)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	CLIENT ID:	MW-5			WB-1GW			WB-2 GW U/F			WB-3 GW			WB-4 GW U/F			FB			TB			FB			TB			FB U/F			TB		
	LAB ID:	AC42279-001			AC42169-003			AC42868-007			AC42868-008			AC42868-010			AC42169-007			AC42169-008			AC42279-003			AC42279-004			AC42868-013			AC42868-014		
	COLLECTION DATE:	1/20/2009			1/13/2009			2/20/2009			2/19/2009			2/20/2009			1/13/2009			1/12/2009			1/20/2009			1/20/2009			2/20/2009			2/17/2009		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Dimethylphthalate	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Di-n-butylphthalate	50	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Di-n-octylphthalate	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Fluoranthene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Fluorene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Hexachlorobenzene	0.04	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Hexachlorobutadiene	0.5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Hexachlorocyclopentadiene	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Hexachloroethane	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Indeno[1,2,3-cd]pyrene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Isophorone	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Naphthalene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Nitrobenzene	0.4	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
N-Nitrosodimethylamine	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
N-Nitroso-di-n-propylamine	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
N-Nitrosodiphenylamine	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Pentachlorophenol	1	ND		11	ND		10	ND		11	ND		11	ND		11	ND		11	~		~	ND		10	~		~	ND		10	~		~
Phenanthrene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Phenol	1	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Pyrene	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		1.0	~		~	ND		2.0	~		~
METALS - UNFILTERED																																		
Mercury	1.4	~		~	~		~	ND		0.20	~		~	ND	J	0.20	~		~	~		~	~		~	~		~	~		~	ND		0.2	~		~
Aluminum	2,000	~		~	~		~	1,700		100	~		~	**7,400**		**100**	~		~	~		~	~		~	~		~	~		~	ND		100	~		~
Antimony	6	~		~	~		~	ND		7.5	~		~	ND		7.5	~		~	~		~	~		~	~		~	~		~	ND		7.5	~		~
Arsenic	50	~		~	~		~	ND		20	~		~	ND		20	~		~	~		~	~		~	~		~	~		~	ND		20	~		~
Barium	2,000	~		~	~		~	54		25	~		~	130		25	~		~	~		~	~		~	~		~	~		~	ND		25	~		~
Beryllium	3	~		~	~		~	ND		4.0	~		~	ND		4.0	~		~	~		~	~		~	~		~	~		~	ND		4	~		~
Cadmium	10	~		~	~		~	ND		2.0	~		~	ND		2.0	~		~	~		~	~		~	~		~	~		~	ND		2	~		~
Calcium	NA	~		~	~		~	25,000		1000	~		~	42,000		1000	~		~	~		~	~		~	~		~	~		~	ND		1000	~		~
Chromium	100	~		~	~		~	ND		25	~		~	ND		25	~		~	~		~	~		~	~		~	~		~	ND		25	~		~
Cobalt	NA	~		~	~		~	ND		10	~		~	ND		10	~		~	~		~	~		~	~		~	~		~	ND		10	~		~
Copper	1,000	~		~	~		~	ND		25	~		~	ND		25	~		~	~		~	~		~	~		~	~		~	ND		25	~		~
Iron	600	~		~	~		~	**4,500**		**150**	~		~	**8,900**		**150**	~		~	~		~	~		~	~		~	~		~	ND		150	~		~
Lead	50	~		~	~		~	15		5.0	~		~	5.2		5.0	~		~	~		~	~		~	~		~	~		~	ND		5	~		~
Magnesium	35,000	~		~	~		~	24,000		1000	~		~	20,000		1000	~		~	~		~	~		~	~		~	~		~	ND		1000	~		~
Manganese	600	~		~	~		~	290		25	~		~	370		25	~		~	~		~	~		~	~		~	~		~	ND		25	~		~
Nickel	200	~		~	~		~	ND		10	~		~	11		10	~		~	~		~	~		~	~		~	~		~	ND		10	~		~
Potassium	NA	~		~	~		~	13,000		2500	~		~	6,500		2500	~		~	~		~	~		~	~		~	~		~	ND		2500	~		~
Selenium	20	~		~	~		~	ND		25	~		~	ND		25	~		~	~		~	~		~	~		~	~		~	ND		25	~		~
Silver	100	~		~	~		~	ND		10	~		~	ND		10	~		~	~		~	~		~	~		~	~		~	ND		10	~		~
Sodium	20,000	~		~	~		~	**120,000**		**2500**	~		~	**33,000**		**2500**	~		~	~		~	~		~	~		~	~		~	ND		2500	~		~
Thallium	0.5	~		~	~		~	ND		5.0	~		~	ND		5.0	~		~	~		~	~		~	~		~	~		~	ND		5	~		~
Vanadium	NA	~		~	~		~	ND		25	~		~	ND		25	~		~	~		~	~		~	~		~	~		~	ND		25	~		~
Zinc	5,000	~		~	~		~	31		25	~		~	31		25	~		~	~		~	~		~	~		~	~		~	ND		25	~		~
METALS - FILTERED																																		
Mercury	1.4	~		~	~		~	ND		0.20	~		~	0.28	J	0.20	~		~	~		~	~		~	~		~	~		~	ND		0.20	~		~
Aluminum	2,000	~		~	~		~	ND		100	~		~	ND		100	~		~	~		~	~		~	~		~	~		~	ND		100	~		~
Antimony	6	~		~	~		~	ND		7.5	~		~	ND		7.5	~		~	~		~	~		~	~		~	~		~	ND		7.5	~		~
Arsenic	50	~		~	~		~	ND		20	~		~	ND		20	~		~	~		~	~		~	~		~	~		~	ND		20	~		~
Barium	2,000	~		~	~		~	ND		25	~		~	94		25	~		~	~		~	~		~	~		~	~		~	ND		25	~		~
Beryllium	3	~		~	~		~	ND		4.0	~		~	ND		4.0	~		~	~		~	~		~	~		~	~		~	ND		4.0	~		~
Cadmium	10	~		~	~		~	ND		2.0	~		~	ND		2.0	~		~	~		~	~		~	~		~	~		~	ND		2.0	~		~
Calcium	NA	~		~	~		~	23,000		1,000	~		~	43,000		1,000	~		~	~		~	~		~	~		~	~		~	ND		1,000	~		~
Chromium	100	~		~	~		~	ND		25	~		~	ND		25	~		~	~		~	~		~	~		~	~		~	ND		25	~		~

TABLE 3
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MW-5 AND TEMPORARY WELLPOINTS)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	CLIENT ID:	MW-5			WB-1GW			WB-2 GW U/F			WB-3 GW			WB-4 GW U/F			FB			TB			FB			TB			FB U/F			TB		
	LAB ID:	AC42279-001			AC42169-003			AC42868-007			AC42868-008			AC42868-010			AC42169-007			AC42169-008			AC42279-003			AC42279-004			AC42868-013			AC42868-014		
	COLLECTION DATE:	1/20/2009			1/13/2009			2/20/2009			2/19/2009			2/20/2009			1/13/2009			1/12/2009			1/20/2009			1/20/2009			2/20/2009			2/17/2009		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Cobalt	NA	~		~	~		~	ND		10	~		~	ND		10	~		~	~		~	~		~	~		~	ND		10	~		~
Copper	1,000	~		~	~		~	ND		25	~		~	ND		25	~		~	~		~	~		~	~		~	ND		25	~		~
Iron	600	~		~	~		~	ND		150	~		~	ND		150	~		~	~		~	~		~	~		~	ND		150	~		~
Lead	50	~		~	~		~	ND		5.0	~		~	ND		5.0	~		~	~		~	~		~	~		~	ND		5.0	~		~
Magnesium	35,000	~		~	~		~	22,000		1,000	~		~	17,000		1,000	~		~	~		~	~		~	~		~	ND		1,000	~		~
Manganese	600	~		~	~		~	240		25	~		~	290		25	~		~	~		~	~		~	~		~	ND		25	~		~
Nickel	200	~		~	~		~	ND		10	~		~	ND		10	~		~	~		~	~		~	~		~	ND		10	~		~
Potassium	NA	~		~	~		~	13,000		2,500	~		~	5,700		2,500	~		~	~		~	~		~	~		~	ND		2,500	~		~
Selenium	20	~		~	~		~	ND		25	~		~	ND		25	~		~	~		~	~		~	~		~	ND		25	~		~
Silver	100	~		~	~		~	ND		10	~		~	ND		10	~		~	~		~	~		~	~		~	ND		10	~		~
Sodium	20,000	~		~	~		~	**120,000**		**2,500**	~		~	**34,000**		**2,500**	~		~	~		~	~		~	~		~	ND		2,500	~		~
Thallium	0.5	~		~	~		~	ND		5.0	~		~	ND		5.0	~		~	~		~	~		~	~		~	ND		5.0	~		~
Vanadium	NA	~		~	~		~	ND		25	~		~	ND		25	~		~	~		~	~		~	~		~	ND		25	~		~
Zinc	5,000	~		~	~		~	ND		25	~		~	ND		25	~		~	~		~	~		~	~		~	ND		25	~		~
PCBS																																			
Aroclor (Total)	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1016	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1221	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1232	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1242	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1248	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1254	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1260	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1262	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1268	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
PESTICIDES																																			
Aldrin	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Alpha-BHC	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
beta-BHC	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Chlordane	0.05	~		~	~		~	ND		0.11	ND		0.11	ND		0.11	~		~	~		~	~		~	~		~	ND		0.10	~		~
delta-BHC	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Dieldrin	0.004	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Endosulfan I	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Endosulfan II	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Endosulfan Sulfate	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Endrin	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Endrin Aldehyde	5	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Endrin Ketone	5	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
gamma-BHC	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Heptachlor	0.04	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Heptachlor Epoxide	0.03	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Methoxychlor	35	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
p,p'-DDD	0.3	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
p,p'-DDE	0.2	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
p,p'-DDT	0.2	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Toxaphene	0.06	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
OTHER PARAMETERS																																			
Cyanide	400	~		~	~		~	ND		0.01	ND		0.01	ND		0.01	~		~	~		~	~		~	~		~	ND		0.01	~		~

NOTES:
Shaded and Bold value indicates an exceedence of the NYSDEC TOGS
All results reported in parts per billion (ppb or ug/L)
TOGS - NYSDEC Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standard
Flg - Data Qualifier
RL - Laboratory Reporting Limit
ND - Not Detected Exceeding RL
NA - No Applicable NYSDEC standard
~ - Not analyzed for this compound
R - Rejected
UJ or J - Uknown Bias

TABLE 4
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELLS - FEBRUARY 24, 2009)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	SAMPLE ID:	MW-1 U/F			MW-2 U/F			MW-3 U/F			DUP-E U			MW-4 U/F			MW-5 U/F			MW-6 U/F			MW-7 U/F			DUP-A U/F	
	LAB ID:	AC42940-001			AC42940-003			AC42940-005			AC42940-023			AC42940-007			AC42940-009			AC42940-011			AC42940-013			AC42940-015	
	COLLECTION DATE:	2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009	
	DTW (fbgs):	5.79			5.60			5.27			5.27			5.84			5.99			7.08			6.11			6.11	
	SAMPLE MATRIX:	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater	
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
VOLATILE ORGANICS (VOs)																											
Total VO TICs	NA	ND			ND			5.4	J		ND			ND			ND			ND			ND			~	~
1,1,1-Trichloroethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
1,1,2,2-Tetrachloroethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		1.0	ND		1.0	ND		1.0	ND		5.0	ND		1	ND		1	ND		1	ND		1	~	~
1,1,2-Trichloroethane	1	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
1,1-Dichloroethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
1,1-Dichloroethene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
1,2,3-Trichloropropane	0.04	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
1,2,4-Trimethylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
1,2-Dichlorobenzene	3	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
1,2-Dichloroethane	0.6	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		0.5	ND		0.5	ND		0.5	ND		0.5	~	~
1,2-Dichloropropane	1	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
1,3,5-Trimethylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
1,3-Dichlorobenzene	3	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
1,3-Dichloropropane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
1,4-Dichlorobenzene	3	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
1,4-Dioxane	NA	ND		50	ND		50	ND		50	ND		250	ND		50	ND		50	ND		50	ND		50	~	~
2-Butanone	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
2-Chloroethylvinylether	NA	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND		1.0	ND	UJ	1	ND	UJ	1	ND	UJ	1	ND	UJ	1	~	~
2-Hexanone	50	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND		5.0	ND	UJ	1	ND	UJ	1	ND	UJ	1	ND	UJ	1	~	~
4-Isopropyltoluene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
4-Methyl-2-pentanone	NA	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND		1.0	ND	UJ	1	ND	UJ	1	ND	UJ	1	ND	UJ	1	~	~
Acetone	50	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		1	ND		5	ND		5	ND		5	~	~
Acrolein	5	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		1	ND		5	ND		5	ND		5	~	~
Acrylonitrile	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
Benzene	1	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		1	ND		0.5	ND		0.5	ND		0.5	~	~
Bromodichloromethane	50	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
Bromoform	50	ND	R	1.0	ND	R	1.0	ND	R	1.0	ND		1.0	ND	R	1	ND	R	1	ND	R	1	ND	R	1	~	~
Bromomethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
Carbon disulfide	60	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
Carbon tetrachloride	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
Chlorobenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
Chloroethane	5	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND		1.0	ND	UJ	1	ND	UJ	1	ND	UJ	1	ND	UJ	1	~	~
Chloroform	7	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
Chloromethane	5	ND		1.0	ND		1.0	ND		1.0	ND	UJ	1.0	ND		1	ND		1	ND		1	ND		1	~	~
cis-1,2-Dichloroethene	5	ND		1.0	3.0		1.0	1.7		1.0	2.4		1.0	ND		1	ND		1	ND		1	ND		1	~	~
cis-1,3-Dichloropropene	0.4	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
Dibromochloromethane	50	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
Dichlorodifluoromethane	5	ND		1.0	ND		1.0	ND		1.0	ND	UJ	1.0	ND		1	ND		1	ND		1	ND		1	~	~
Ethylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
Isopropylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
m&p-Xylenes	5	ND		2.0	ND		2.0	ND		2.0	ND		1.0	ND		1	ND		2	ND		2	ND		2	~	~
Methylene chloride	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~	~
Methyl-t-butyl ether	10	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		1	ND		0.5	ND		0.5	ND		0.5	~	~

TABLE 4
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELLS - FEBRUARY 24, 2009)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.

	SAMPLE ID:	MW-1 U/F			MW-2 U/F			MW-3 U/F			DUP-E U			MW-4 U/F			MW-5 U/F			MW-6 U/F			MW-7 U/F			DUP-A U/F		
	LAB ID:	AC42940-001			AC42940-003			AC42940-005			AC42940-023			AC42940-007			AC42940-009			AC42940-011			AC42940-013			AC42940-015		
	COLLECTION DATE:	2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009		
	DTW (fbgs):	5.79			5.60			5.27			5.27			5.84			5.99			7.08			6.11			6.11		
	SAMPLE MATRIX:	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
ANALYTE	TOGS	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
n-Butylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~		~
n-Propylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~		~
o-Xylene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~		~
sec-Butylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~		~
Styrene	930	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~		~
t-Butyl Alcohol	NA	ND	UJ	5.0	ND	UJ	5.0	ND	UJ	5.0	ND		5.0	ND	UJ	1	ND	UJ	5	ND	UJ	5	ND	UJ	5	~		~
t-Butylbenzene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~		~
Tetrachloroethene	5	ND		1.0	2.4		1.0	**5.3**		**1.0**	**6.9**		**1.0**	ND		1	ND		1	ND		1	ND		1	~		~
Toluene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~		~
trans-1,2-Dichloroethene	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~		~
trans-1,3-Dichloropropene	0.4	ND	UJ	1.0	ND	UJ	1.0	ND	UJ	1.0	ND		1.0	ND	UJ	1	ND	UJ	1	ND	UJ	1	ND	UJ	1	~		~
Trichloroethene	5	ND		1.0	1.2		1.0	1.1		1.0	1.0		1.0	ND		1	ND		1	ND		1	ND		1	~		~
Trichlorofluoromethane	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	ND		1	~		~
Vinyl chloride	2	1.4		1.0	ND		1.0	1.5		1.0	1.5		1.0	ND		1	ND		1	ND		1	ND		1	~		~
Xylenes (Total)	5	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1	ND		1	~		~
SEMI-VOLATILE ORGANICS (SVOs)																												
Total SVO TICs	NA	95	J		ND			ND			~		~	28	J		ND			ND			4.8	J		~		~
1,2,4-Trichlorobenzene	5	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
1,2-Diphenylhydrazine	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
2,4,5-Trichlorophenol	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
2,4,6-Trichlorophenol	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
2,4-Dichlorophenol	1	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
2,4-Dimethylphenol	1	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
2,4-Dinitrophenol	1	ND		11	ND		11	ND		11	~		~	ND		11	ND		11	ND		11	ND		11	~		~
2,4-Dinitrotoluene	5	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
2,6-Dinitrotoluene	5	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
2-Chloronaphthalene	10	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
2-Chlorophenol	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
2-Methylnaphthalene	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
2-Methylphenol	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
2-Nitroaniline	5	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
2-Nitrophenol	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
3&4-Methylphenol	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
3,3'-Dichlorobenzidine	5	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
3-Nitroaniline	5	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
4,6-Dinitro-2-methylphenol	NA	ND		11	ND		11	ND		11	~		~	ND		11	ND		11	ND		11	ND		11	~		~
4-Bromophenyl-phenylether	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
4-Chloro-3-methylphenol	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
4-Chloroaniline	5	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
4-Chlorophenyl-phenylether	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
4-Nitroaniline	5	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
4-Nitrophenol	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Acenaphthene	20	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Acenaphthylene	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Aniline	5	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~

TABLE 4
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELLS - FEBRUARY 24, 2009)
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.

	SAMPLE ID:	MW-1 U/F			MW-2 U/F			MW-3 U/F			DUP-E U			MW-4 U/F			MW-5 U/F			MW-6 U/F			MW-7 U/F			DUP-A U/F		
	LAB ID:	AC42940-001			AC42940-003			AC42940-005			AC42940-023			AC42940-007			AC42940-009			AC42940-011			AC42940-013			AC42940-015		
	COLLECTION DATE:	2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009		
	DTW (fbgs):	5.79			5.60			5.27			5.27			5.84			5.99			7.08			6.11			6.11		
	SAMPLE MATRIX:	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Anthracene	50	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Benzidine	5	ND		11	ND		11	ND		11	~		~	ND		11	ND		11	ND		11	ND		11	~		~
Benzo[a]anthracene	0.002	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Benzo[a]pyrene	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Benzo[b]fluoranthene	0.002	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Benzo[g,h,i]perylene	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Benzo[k]fluoranthene	0.002	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Benzoic acid	NA	ND		11	ND		11	ND		11	~		~	ND		11	ND		11	ND		11	ND		11	~		~
bis(2-Chloroethoxy)methane	5	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
bis(2-Chloroethyl)ether	1	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
bis(2-Chloroisopropyl)ether	5	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
bis(2-Ethylhexyl)phthalate	5	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Butylbenzylphthalate	50	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Carbazole	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Chrysene	0.002	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Dibenzo[a,h]anthracene	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Dibenzofuran	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Diethylphthalate	50	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Dimethylphthalate	50	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Di-n-butylphthalate	50	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Di-n-octylphthalate	50	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Fluoranthene	50	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Fluorene	50	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Hexachlorobenzene	0.04	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Hexachlorobutadiene	0.5	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Hexachlorocyclopentadiene	5	ND		11	ND		11	ND		11	~		~	ND		11	ND		11	ND		11	ND		11	~		~
Hexachloroethane	5	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Indeno[1,2,3-cd]pyrene	0.002	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Isophorone	50	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Naphthalene	10	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Nitrobenzene	0.4	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
N-Nitrosodimethylamine	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
N-Nitroso-di-n-propylamine	NA	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
N-Nitrosodiphenylamine	50	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Pentachlorophenol	1	ND		11	ND		11	ND		11	~		~	ND		11	ND		11	ND		11	ND		11	~		~
Phenanthrene	50	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
Phenol	1	ND		2.2	ND		2.2	ND		2.2	~		~	ND		2.2	ND		2.2	ND		2.2	ND		2.2	~		~
METALS - UNFILTERED																												
Mercury	1.4	ND		0.20	ND		0.20	ND		0.20	~		~	ND		0.2	ND		0.2	ND		0.2	0.29		0.2	~		~
Aluminum	2,000	ND		100	540		100	ND		100	~		~	ND		100	620		100	270		100	**9,500**	▪	**100**	~		~
Antimony	6	ND		7.5	ND		7.5	ND		7.5	~		~	ND		7.5	ND		7.5	ND		7.5	ND		7.5	~		~
Arsenic	50	ND		20	ND		20	ND		20	~		~	ND		20	ND		20	ND		20	ND		20	~		~
Barium	2,000	130		25	210		25	130		25	~		~	140		25	220		25	130		25	230		25	~		~
Beryllium	3	ND		4.0	ND		4.0	ND		4.0	~		~	ND		4	ND		4	ND		4	ND		4	~		~
Cadmium	10	ND		2.0	ND		2.0	ND		2.0	~		~	ND		2	ND		2	ND		2	ND		2	~		~

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River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

	SAMPLE ID:	MW-1 U/F			MW-2 U/F			MW-3 U/F			DUP-E U			MW-4 U/F			MW-5 U/F			MW-6 U/F			MW-7 U/F			DUP-A U/F		
	LAB ID:	AC42940-001			AC42940-003			AC42940-005			AC42940-023			AC42940-007			AC42940-009			AC42940-011			AC42940-013			AC42940-015		
	COLLECTION DATE:	2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009		
	DTW (fbgs):	5.79			5.60			5.27			5.27			5.84			5.99			7.08			6.11			6.11		
	SAMPLE MATRIX:	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Calcium	NA	120,000		1,000	98,000		1,000	120,000		1,000	~		~	120,000		1,000	99,000		1,000	120,000		1,000	79,000		1,000	~		~
Chromium	100	ND		25	ND		25	ND		25	~		~	ND		25	ND		25	ND		25	ND		25	~		~
Cobalt	NA	ND		10	ND		10	ND		10	~		~	ND		10	ND		10	ND		10	ND		10	~		~
Copper	1,000	ND		25	ND		25	ND		25	~		~	ND		25	ND		25	ND		25	34		25	~		~
Iron	600	**2,600**		**150**	**1,200**		**150**	**770**		**150**	~		~	**4,500**		**150**	**32,000**		**150**	**8,400**		**150**	**19,000**		**150**	~		~
Lead	50	ND		5.0	14		5.0	ND		5.0	~		~	ND		5	13		5	ND		5	150		5	~		~
Magnesium	35,000	**36,000**		**1,000**	33,000		1,000	**35,000**		**1,000**	~		~	34,000		1,000	30,000		1,000	34,000		1,000	24,000		1,000	~		~
Manganese	600	560		25	210		25	480		25	~		~	480		25	**2,500**		**25**	**1,300**		**25**	**1,200**		**25**	~		~
Nickel	200	ND		10	ND		10	ND		10	~		~	ND		10	ND		10	ND		10	15		10	~		~
Potassium	NA	7,500		2500	12,000		2500	7,700		2,500	~		~	7,600		2,500	13,000		2,500	18,000		2,500	6,500		2,500	~		~
Selenium	20	ND		25	ND		25	ND		25	~		~	ND		25	ND		25	ND		25	ND		25	~		~
Silver	100	ND		10	ND		10	ND		10	~		~	ND		10	ND		10	ND		10	ND		10	~		~
Sodium	20,000	**260,000**		**2,500**	**230,000**		**2,500**	**170,000**		**2,500**	~		~	**180,000**		**2,500**	**150,000**		**2,500**	**150,000**		**2,500**	**44,000**		**2,500**	~		~
Thallium	0.5	ND		5.0	ND		5.0	ND		5.0	~		~	ND		5	ND		5	ND		5	ND		5	~		~
Vanadium	NA	ND		25	ND		25	ND		25	~		~	ND		25	ND		25	ND		25	ND		25	~		~
Zinc	5,000	ND		25	ND		25	ND		25	~		~	ND		25	ND		25	ND		25	150		25	~		~
METALS - FILTERED																												
Mercury	1.4	ND		0.20	ND		0.20	ND		0.2	~		~	ND		0.2	ND		0.2	ND		0.2	ND		0.2	~		~
Aluminum	2,000	ND		100	ND		100	ND		100	~		~	ND		100	ND		100	ND		100	ND		100	~		~
Antimony	6	ND		7.5	ND		7.5	ND		7.5	~		~	ND		7.5	ND		7.5	ND		7.5	ND		7.5	~		~
Arsenic	50	ND		20	ND		20	ND		20	~		~	ND		20	ND		20	ND		20	ND		20	~		~
Barium	2,000	110		25	200		25	120		25	~		~	120		25	140		25	91		25	66		25	~		~
Beryllium	3	ND		4.0	ND		4.0	ND		4	~		~	ND		4	ND		4	ND		4	ND		4	~		~
Cadmium	10	ND		2.0	ND		2.0	ND		2	~		~	ND		2	ND		2	ND		2	ND		2	~		~
Calcium	NA	120,000		1,000	100,000		1,000	120,000		1,000	~		~	120,000		1,000	98,000		1,000	120,000		1,000	75,000		1,000	~		~
Chromium	100	ND		25	ND		25	ND		25	~		~	ND		25	ND		25	ND		25	ND		25	~		~
Cobalt	NA	ND		10	ND		10	ND		10	~		~	ND		10	ND		10	ND		10	ND		10	~		~
Copper	1,000	ND		25	ND		25	ND		25	~		~	ND		25	ND		25	ND		25	ND		25	~		~
Iron	600	ND		150	ND		150	ND		150	~		~	ND		150	**5,000**		**150**	ND		150	320		150	~		~
Lead	50	ND		5.0	ND		5.0	ND		5	~		~	ND		5	ND		5	ND		5	ND		5	~		~
Magnesium	35,000	**36,000**		**1,000**	33,000		1000	**35,000**		**1,000**	~		~	33,000		1,000	30,000		1,000	34,000		1,000	20,000		1,000	~		~
Manganese	600	550		25	170		25	460		25	~		~	490		25	**2,400**		**25**	**1,300**		**25**	**880**		**25**	~		~
Nickel	200	ND		10	ND		10	ND		10	~		~	ND		10	ND		10	ND		10	ND		10	~		~
Potassium	NA	7,500		2,500	12,000		2500	7,800		2,500	~		~	7,500		2,500	13,000		2,500	18,000		2,500	4,800		2,500	~		~
Selenium	20	ND		25	ND		25	ND		25	~		~	ND		25	ND		25	ND		25	ND		25	~		~
Silver	100	ND		10	ND		10	ND		10	~		~	ND		10	ND		10	ND		10	ND		10	~		~
Sodium	20,000	**260,000**		**2,500**	**230,000**		**2500**	**170,000**		**2500**	~		~	**170,000**		**2,500**	**150,000**		**2,500**	**150,000**		**2,500**	**40,000**		**2,500**	~		~
Thallium	0.5	ND		5.0	ND		5.0	ND		5	~		~	ND		5	ND		5	ND		5	ND		5	~		~
Vanadium	NA	ND		25	ND		25	ND		25	~		~	ND		25	ND		25	ND		25	ND		25	~		~
Zinc	5,000	ND		25	ND		25	ND		25	~			ND		25	ND		25	ND		25	ND		25	~		~
PCBs																												
Aroclor (Total)	0.9	ND		0.27	ND		0.27	ND		0.27	~		~	ND		0.25	ND		0.25	ND		0.25	ND		0.25	~		~
Aroclor-1016	0.9	ND		0.27	ND		0.27	ND		0.27	~		~	ND		0.25	ND		0.25	ND		0.25	ND		0.25	~		~
Aroclor-1221	0.9	ND		0.27	ND		0.27	ND		0.27	~		~	ND		0.25	ND		0.25	ND		0.25	ND		0.25	~		~
Aroclor-1232	0.9	ND		0.27	ND		0.27	ND		0.27	~		~	ND		0.25	ND		0.25	ND		0.25	ND		0.25	~		~

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WHITESTONE ASSOCIATES INC.	SAMPLE ID:	MW-1 U/F			MW-2 U/F			MW-3 U/F			DUP-E U			MW-4 U/F			MW-5 U/F			MW-6 U/F			MW-7 U/F			DUP-A U/F		
	LAB ID:	AC42940-001			AC42940-003			AC42940-005			AC42940-023			AC42940-007			AC42940-009			AC42940-011			AC42940-013			AC42940-015		
	COLLECTION DATE:	2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009			2/24/2009		
	DTW (fbgs):	5.79			5.60			5.27			5.27			5.84			5.99			7.08			6.11			6.11		
	SAMPLE MATRIX:	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
ANALYTE	**TOGS**	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Aroclor-1242	0.9	ND		0.27	ND		0.27	ND		0.27	~		~	ND		0.25	ND		0.25	ND		0.25	ND		0.25	~		~
Aroclor-1248	0.9	ND		0.27	ND		0.27	ND		0.27	~		~	ND		0.25	ND		0.25	ND		0.25	ND		0.25	~		~
Aroclor-1254	0.9	ND		0.27	ND		0.27	ND		0.27	~		~	ND		0.25	ND		0.25	ND		0.25	ND		0.25	~		~
Aroclor-1260	0.9	ND		0.27	ND		0.27	ND		0.27	~		~	ND		0.25	ND		0.25	ND		0.25	ND		0.25	~		~
Aroclor-1262	0.9	ND		0.27	ND		0.27	ND		0.27	~		~	ND		0.25	ND		0.25	ND		0.25	ND		0.25	~		~
Aroclor-1268	0.9	ND		0.27	ND		0.27	ND		0.27	~			ND		0.25	ND		0.25	ND		0.25	ND		0.25	~		~
PESTICIDES																												
Aldrin	NA	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.011
Alpha-BHC	NA	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.011
beta-BHC	NA	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	0.19	J	0.01	ND	J	0.011
Chlordane	0.05	ND		0.11	ND		0.11	ND		0.11	~		~	ND		0.1	ND		0.1	ND		0.1	ND		0.1	ND		0.11
delta-BHC	NA	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.011
Dieldrin	0.004	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND	J	0.01	**0.024**	**J/D/R**	**0.011**
Endosulfan I	NA	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.011
Endosulfan II	NA	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND	J	0.01	0.10	J	0.011
Endosulfan Sulfate	NA	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.011
Endrin	NA	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.011
Endrin Aldehyde	5	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.011
Endrin Ketone	5	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.011
gamma-BHC	NA	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.011
Heptachlor	0.04	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.011
Heptachlor Epoxide	0.03	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.011
Methoxychlor	35	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND	J	0.01	0.044	J	0.011
p,p'-DDD	0.3	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND	J	0.01	0.021	J	0.011
p,p'-DDE	0.2	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.011
p,p'-DDT	0.2	ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.011
Toxaphene	0.06	ND		0.27	ND		0.27	ND		0.27	~		~	ND		0.25	ND		0.25	ND		0.25	ND		0.25	ND		0.28
OTHER PARAMETERS																												
Cyanide	400	ND		0.01	ND		0.01	ND		0.01	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	~		~

NOTES:

Shaded and Bold value indicates an exceedence of the NYSDEC TOGS
All results reported in parts per billion (ppb or ug/L)
TOGS - NYSDEC Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standard
Flg - Data Qualifier
RL - Laboratory Reporting Limit
ND - Not Detected Exceeding RL
NA - No Applicable NYSDEC standard
J - Detected at an estimated concentration
~ - Not analyzed for this compound
D - Pesticide percentage difference is greater than 40 percent between columns due to coelution. Lower concentration used.
R - Rejected
UJ or J - Uknown Bias

NOTES:

ppm	=	parts per million or milligrams per kilogram (mg/kg)
ND	=	not detected
NS	=	no standard
N/A	=	not available, per NYSDEC
TIC's	=	Tentatively Identified Compounds (total concentration)
B	=	present in laboratory reagent blank
*	=	As per TAGM #4046, Total VOCs < 10 ppm
bold	=	concentration exceeds cleanup standard

The following results were received on the ground water samples analyzed. Cleanup standards utilized for comparison with the ground water results for the subject property were obtained from the NYSDEC - Division TAGM - HWR-94-4046: Determination of Soil Cleanup Objectives and Cleanup Levels, dated January 24, 1994, under the column, "Ground Water Standards/Criteria".

Volatile Organic Compounds
Ground Water

Compound	Cleanup Standard (ppb)	SB-2GW (ppb)	SB-4GW (ppb)	FIELD BLANK (ppb)
Chloromethane	NS	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND
Chloroethane	50	ND	ND	ND
Bromomethane	NS	ND	ND	ND
Acetone	50	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND
Methylene Chloride	5	ND	ND	ND
Carbon Disulfide	50	ND	ND	ND
1,2-Dichloroethene (trans)	5	ND	ND	ND
1,2-Dichloroethene (cis)	NS	2	2	ND
1,1-Dichloroethane	5	ND	ND	ND
2-Butanone	50	ND	ND	ND
Chloroform	7	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND
Benzene	0.7	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND
1,2-Dichloropropane	NS	ND	ND	ND
Bromodichloromethane	NS	ND	ND	ND
Trichloroethene	5	2	2	ND
cis-1,3-Dichloropropene	NS	ND	ND	ND
2-Hexanone	NS	ND	ND	ND
trans-1,3-Dichloropropene	NS	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND

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Compound	Cleanup Standard (ppb)	SB-2GW (ppb)	SB-4GW (ppb)	FIELD BLANK (ppb)
Toluene	5	ND	ND	ND
4-Methyl-2-Pentanone	50	ND	ND	ND
Dibromochloromethane	N/A	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND
Tetrachloroethene	5	8	43	ND
Chlorobenzene	5	ND	ND	ND
Ethylbenzene	5	ND	ND	ND
Bromoform	NS	ND	ND	ND
Styrene	NS	ND	ND	ND
Total Xylenes	5	ND	ND	ND
TIC's	NS	10B	10B	10B

NOTES:

ppm	=	parts per million or milligrams per kilogram (mg/kg)
ND	=	not detected
NS	=	no standard
N/A	=	not available, per NYSDEC
TIC's	=	Tentatively Identified Compounds (total concentration)
B	=	present in laboratory reagent blank
*	=	As per TAGM #4046, Total VOCs < 10 ppm
bold	=	concentration exceeds cleanup standard

4.0 DISCUSSION

SOILS

Soil samples collected revealed non-detectable concentrations of VOC's except for methylene chloride, tetrachloroethene, and tentatively identified compounds (TIC's).

Methylene chloride, detected in soil sample SB-4A at a concentration of **0.136 ppm** (above the NYSDEC cleanup standard of 0.1 ppm), is a common laboratory contaminant; and therefore, is not expected to be a concern.

Tetrachloroethenewas detected at a concentration of **1.829 ppm** (above the NYSDEC cleanup standard of 1.4 ppm) in soil sample SB-2B. Tetrachloroethene was detected at concentrations below the NYSDEC cleanup standard in soil samples SB-2A and SB-4A.

TIC's were detected in soil samples SB-1A, SB-1B, SB-2A, SB-2B, SB-3A, SB-3B, SB-4A, SB-4B, and in the field blank. There is no NYSDEC cleanup standard for TIC's; therefore, the presence of these compounds in the soil is not expected to be a concern.

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TABLE 2

SUMMARY OF ANALYTICAL GROUNDWATER RESULTS - AUGUST 2003
PROPOSED WALGREEN STORE # 07294 134 WILDEY STREET, TARRYTOWN, NY

Sample ID.	GW-1	GW-2	GW-3	Trip Blank	TOGS
Lab Sample Number	03080418-05	03080418-06	03080418-07	03080418-08	Groundwater
Date Collected	8/12/2003	8/12/2003	8/12/2003	8/12/2003	Standards
Media	Water	Water	Water	Water	
Volatile Organic Compounds					
Tetrachloroethene	5	ND	ND	ND	5
Vinyl Chloride	ND	**13**	ND	ND	2

*-Sample depth is in feet below ground surface
All concentrations reported in ug/l (parts per billion)
ND=Non-detect
TOGS= Technical and Operational Guidance Series-Ambient Water Quality Standards and Gudance Values
Bold Value indicates an exceedance of the TOGS GW Quality Standard

Prepared by
ATC Associates Inc.
9/3/2003

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Table I - USEPA 8260 Volatile Organic Compounds
GROUNDWATER SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #02 (Sampling Depth in Feet)	NYSDEC TAGM Limits	Analytical Parameters	Soil Borehole #02 (Sampling Depth in Feet)	NYSDEC TAGM Limits
	GW1 (Groundwater 13')	Water		GW1 (Groundwater 13')	Water
1,1 Dichloroethane	<10 ug/L	5ppb	Chlorobenzene	<10 ug/L	5ppb
1,1' Dichloroethene	<10 ug/L	5ppb	Chlorodibromomethane	<10 ug/L	N/A
1,1-Dichloropropene	<10 ug/L	N/A	Chlorodifluoromethane	<10 ug/L	N/A
1,2 Dibromoethane	<10 ug/L	N/A	Chloroethane	<10 ug/L	50ppb
1,2 Dichlorobenzene (v)	<10 ug/L	4.7ppb	Chloroform	<10 ug/L	7ppb
1,2 Dichloroethane	<10 ug/L	5ppb	Chloromethane	<10 ug/L	N/A
1,2 Dichloropropane	<10 ug/L	N/A	Dibromochloropropane	<10 ug/L	N/A
1,3 Dichlorobenzene (v)	<10 ug/L	5ppb	Dibromomethane	<10 ug/L	N/A
1,3-Dichloropropane	<10 ug/L	5ppb	Dichlorodifluoromethane	<10 ug/L	N/A
1,4 Dichlorobenzene (v)	<10 ug/L	5ppb	Ethyl Benzene	<10 ug/L	5ppb
111 Trichloroethane	<10 ug/L	5ppb	Freon 113	<10 ug/L	5ppb
1112Tetrachloroethane	<10 ug/L	N/A	Hexachlorobutadiene	<10 ug/L	N/A
112 Trichloroethane	<10 ug/L	N/A	Isopropylbenzene	<10 ug/L	N/A
1122Tetrachloroethane	<10 ug/L	5ppb	m+p Xylene	<20 ug/L	5ppb
123-Trichlorobenzene	<10 ug/L	N/A	Methyl Ethyl Ketone	<100 ug/L	N/A
123-Trichloropropane	<10 ug/L	5ppb	Methylene Chloride	<10 ug/L	5ppb
124-Trichlorobenzene (v)	<10 ug/L	5ppb	Methylisobutylketone	<100 ug/L	N/A
124-Trimethylbenzene	<10 ug/L	N/A	n-Butylbenzene	<10 ug/L	N/A
1245 Tetramethylbenz	<10 ug/L	N/A	n-Propylbenzene	<10 ug/L	N/A
135-Trimethylbenzene	<10 ug/L	N/A	Naphthalene(v)	<10 ug/L	10ppb
2,2-Dichloropropane	<10 ug/L	N/A	o Xylene	<10 ug/L	5ppb
2-Chlorotoluene	<10 ug/L	N/A	p Diethylbenzene	<10 ug/L	N/A
4-Chlorotoluene	<10 ug/L	N/A	p-Ethyltoluene	<10 ug/L	N/A
Acetone	<100 ug/L	50ppb	p-Isopropyltoluene	<10 ug/L	N/A
Benzene	<10 ug/L	0.7ppb	sec-Butylbenzene	<10 ug/L	N/A
Bromobenzene	<10 ug/L	N/A	Styrene	<10 ug/L	N/A
Bromochloromethane	<10 ug/L	N/A	t-1,2-Dichloroethene	<10 ug/L	N/A
Bromodichloromethane	<10 ug/L	N/A	t-1,3Dichloropropene	<10 ug/L	N/A
Bromoform	<10 ug/L	N/A	tert.ButylMethylEther (MTBE)	13ug/L	N/A
Bromomethane	<10 ug/L	N/A	tert-Butylbenzene	<10 ug/L	N/A
c-1,2-Dichloroethene	<10 ug/L	N/A	Tetrachloroethene	<10 ug/L	5ppb
c-1,3Dichloropropene	<10 ug/L	N/A	Toluene	<10 ug/L	5ppb
Carbon Tetrachloride	<10 ug/L	5ppb	Trichloroethylene	<10 ug/L	5ppb
Vinyl Chloride	<10 ug/L	2ppb	Trichlorofluoromethane	<10 ug/L	N/A

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, refered to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per kilogram (parts per billion) ug/L: micrograms per Liter (parts per billion)

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Table 1 - USEPA 8260 Volatile Organic Compounds
GROUNDWATER SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #03 (Sampling Depth in Feet)	NYSDEC TAGM Limits	Analytical Parameters	Soil Borehole #08 (Sampling Depth in Feet)	NYSDEC TAGM Limits
	GW2 (Groundwater 8-10')	Water		GW2 (Groundwater 8-10')	Water
1,1 Dichloroethane	<10 ug/L	5ppb	Chlorobenzene	<10 ug/L	5ppb
1,1 Dichloroethene	<10 ug/L	5ppb	Chlorodibromomethane	<10 ug/L	N/A
1,1-Dichloropropene	<10 ug/L	N/A	Chlorodifluoromethane	<10 ug/L	N/A
1,2 Dibromoethane	<10 ug/L	N/A	Chloroethane	<10 ug/L	50ppb
1,2 Dichlorobenzene (v)	<10 ug/L	4.7ppb	Chloroform	<10 ug/L	7ppb
1,2 Dichloroethane	<10 ug/L	5ppb	Chloromethane	<10 ug/L	N/A
1,2 Dichloropropane	<10 ug/L	N/A	Dibromochloropropane	<10 ug/L	N/A
1,3 Dichlorobenzene (v)	<10 ug/L	5ppb	Dibromomethane	<10 ug/L	N/A
1,3-Dichloropropane	<10 ug/L	5ppb	Dichlorodifluoromethane	<10 ug/L	N/A
1,4 Dichlorobenzene (v)	<10 ug/L	5ppb	Ethyl Benzene	<10 ug/L	5ppb
111 Trichloroethane	<10 ug/L	5ppb	Freon 113	<10 ug/L	5ppb
1112Tetrachloroethane	<10 ug/L	N/A	Hexachlorobutadiene	<10 ug/L	N/A
112 Trichloroethane	<10 ug/L	N/A	Isopropylbenzene	<10 ug/L	N/A
1122Tetrachloroethane	<10 ug/L	5ppb	m + p Xylene	<20 ug/L	5ppb
123-Trichlorobenzene	<10 ug/L	N/A	Methyl Ethyl Ketone	<100 ug/L	N/A
123-Trichloropropane	<10 ug/L	5ppb	Methylene Chloride	<10 ug/L	5ppb
124-Trichlorobenzene (v)	<10 ug/L	5ppb	Methylisobutylketone	<100 ug/L	N/A
124-Trimethylbenzene	<10 ug/L	N/A	n-Butylbenzene	<10 ug/L	N/A
1245 Tetramethylbenz	<10 ug/L	N/A	n-Propylbenzene	<10 ug/L	N/A
135-Trimethylbenzene	<10 ug/L	N/A	Naphthalene(v)	<10 ug/L	10ppb
2,2-Dichloropropane	<10 ug/L	N/A	o Xylene	<10 ug/L	5ppb
2-Chlorotoluene	<10 ug/L	N/A	p-Diethylbenzene	<10 ug/L	N/A
4-Chlorotoluene	<10 ug/L	N/A	p-Ethyltoluene	<10 ug/L	N/A
Acetone	<100 ug/L	50ppb	p-Isopropyltoluene	<10 ug/L	N/A
Benzene	<10 ug/L	0.7ppb	sec-Butylbenzene	<10 ug/L	N/A
Bromobenzene	<10 ug/L	N/A	Styrene	<10 ug/L	N/A
Bromochloromethane	<10 ug/L	N/A	t-1,2-Dichloroethene	<10 ug/L	N/A
Bromodichloromethane	<10 ug/L	N/A	t-1,3Dichloropropene	<10 ug/L	N/A
Bromoform	<10 ug/L	N/A	tert-ButylMethylEther (MTBE)	<10 ug/L	N/A
Bromomethane	<10 ug/L	N/A	tert-Butylbenzene	<10 ug/L	N/A
c-1,2-Dichloroethene	<10 ug/L	N/A	Tetrachloroethene	<10 ug/L	5ppb
c-1,3Dichloropropene	<10 ug/L	N/A	Toluene	<10 ug/L	5ppb
Carbon Tetrachloride	<10 ug/L	5ppb	Trichloroethylene	<10 ug/L	5ppb
Vinyl Chloride	<10 ug/L	2ppb	Trichlorofluoromethane	<10 ug/L	N/A

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, refered to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per kilogram (parts per billion) ug/L: micrograms per Liter (parts per billion)

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Table I - USEPA 8260 Volatile Organic Compounds
GROUNDWATER SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #04 (Sampling Depth in Feet)	NYSDEC TAGM 4046 Limits	Analytical Parameters	Soil Borehole #04 (Sampling Depth In Feet)	NYSDEC TAGM Limits
	GW3 (Groundwater 8-10')	Water		GW3 (Groundwater 8-10')	Water
1,1 Dichloroethane	<10 ug/L	5ppb	Chlorobenzene	<10 ug/L	5ppb
1,1 Dichloroethene	<10 ug/L	5ppb	Chlorodibromomethane	<10 ug/L	N/A
1,1-Dichloropropene	<10 ug/L	N/A	Chlorodifluoromethane	<10 ug/L	N/A
1,2 Dibromoethane	<10 ug/L	N/A	Chloroethane	<10 ug/L	50ppb
1,2 Dichlorobenzene (v)	<10 ug/L	4.7ppb	Chloroform	<10 ug/L	7ppb
1,2 Dichloroethane	<10 ug/L	5ppb	Chloromethane	<10 ug/L	N/A
1,2 Dichloropropane	<10 ug/L	N/A	Dibromochloropropane	<10 ug/L	N/A
1,3 Dichlorobenzene (v)	<10 ug/L	5ppb	Dibromomethane	<10 ug/L	N/A
1,3-Dichloropropane	<10 ug/L	5ppb	Dichlorodifluoromethane	<10 ug/L	N/A
1,4 Dichlorobenzene (v)	<10 ug/L	5ppb	Ethyl-Benzene	<10 ug/L	5ppb
111 Trichloroethane	<10 ug/L	5ppb	Freon 113	<10 ug/L	5ppb
1112Tetrachloroethane	<10 ug/L	N/A	Hexachlorobutadiene	<10 ug/L	N/A
112 Trichloroethane	<10 ug/L	N/A	Isopropylbenzene	<10 ug/L	N/A
1122Tetrachloroethane	<10 ug/L	5ppb	m & p Xylene	<20 ug/L	5ppb
123-Trichlorobenzene	<10 ug/L	N/A	Methyl Ethyl Ketone	<100 ug/L	N/A
123-Trichloropropane	<10 ug/L	5ppb	Methylene Chloride	<10 ug/L	5ppb
124-Trichlorobenzene (v)	<10 ug/L	5ppb	Methylisobutyl-ketone	<100 ug/L	N/A
124-Trimethylbenzene	<10 ug/L	N/A	n-Butylbenzene	<10 ug/L	N/A
1245 Tetramethylbenz	<10 ug/L	N/A	n-Propylbenzene	<10 ug/L	N/A
135-Trimethylbenzene	<10 ug/L	N/A	Naphthalene(v)	<10 ug/L	10ppb
2,2-Dichloropropane	<10 ug/L	N/A	o Xylene	<10 ug/L	5ppb
2-Chlorotoluene	<10 ug/L	N/A	p Diethylbenzene	<10 ug/L	N/A
4-Chlorotoluene	<10 ug/L	N/A	p-Ethyltoluene	<10 ug/L	N/A
Acetone	<100 ug/L	50ppb	p-isopropyltoluene	<10 ug/L	N/A
Benzene	<10 ug/L	0.7ppb	sec-Butylbenzene	<10 ug/L	N/A
Bromobenzene	<10 ug/L	N/A	Styrene	<10 ug/L	N/A
Bromochloromethane	<10 ug/L	N/A	t-1,2-Dichloroethene	<10 ug/L	N/A
Bromodichloromethane	<10 ug/L	N/A	t-1,3Dichloropropene	<10 ug/L	N/A
Bromoform	<10 ug/L	N/A	ter.ButylMethylEther (MTBE)	<10 ug/L	N/A
Bromomethane	<10 ug/L	N/A	tert-Butylbenzene	<10 ug/L	N/A
c-1,2-Dichloroethene	<10 ug/L	N/A	Tetrachloroethene	<10 ug/L	5ppb
c-1,3Dichloropropene	<10 ug/L	N/A	Toluene	<10 ug/L	5ppb
Carbon Tetrachloride	<10 ug/L	5ppb	Trichloroethylene	<10 ug/L	5ppb
Vinyl Chloride	<10 ug/L	2ppb	Trichlorofluoromethane	<10 ug/L	N/A

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, refered to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per kilogram (parts per billion) ug/L: micrograms per Liter (parts per billion)

Table I - USEPA 8260 Volatile Organic Compounds
GROUNDWATER SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #05 (Sampling Depth in Feet)	NYSDEC TAGM Limits	Analytical Parameters	Soil Borehole #05 (Sampling Depth in Feet)	NYSDEC TAGM Limits
	GW4 (Groundwater 8-9')	Water		GW4 (Groundwater 8-9')	Water
1,1 Dichloroethane	<10 ug/L	5ppb	Chlorobenzene	<10 ug/L	5ppb
1,1 Dichloroethene	<10 ug/L	5ppb	Chlorodibromomethane	<10 ug/L	N/A
1,1-Dichloropropene	<10 ug/L	N/A	Chlorodifluoromethane	<10 ug/L	N/A
1,2 Dibromoethane	<10 ug/L	N/A	Chloroethane	<10 ug/L	50ppb
1,2 Dichlorobenzene (v)	<10 ug/L	4.7ppb	Chloroform	<10 ug/L	7ppb
1,2 Dichloroethane	<10 ug/L	5ppb	Chloromethane	<10 ug/L	N/A
1,2 Dichloropropane	<10 ug/L	N/A	Dibromochloropropane	<10 ug/L	N/A
1,3 Dichlorobenzene (v)	<10 ug/L	5ppb	Dibromomethane	<10 ug/L	N/A
1,3-Dichloropropene	<10 ug/L	5ppb	Dichlorodifluoromethane	<10 ug/L	N/A
1,4 Dichlorobenzene (v)	<10 ug/L	5ppb	Ethyl Benzene	<10 ug/L	5ppb
111 Trichloroethane	<10 ug/L	5ppb	Freon 113	<10 ug/L	5ppb
1112Tetrachloroethane	<10 ug/L	N/A	Hexachlorobutadiene	<10 ug/L	N/A
112 Trichloroethane	<10 ug/L	N/A	Isopropylbenzene	<10 ug/L	N/A
1122Tetrachloroethane	<10 ug/L	5ppb	m + p Xylene	<20 ug/L	5ppb
123-Trichlorobenzene	<10 ug/L	N/A	Methyl Ethyl Ketone	<100 ug/L	N/A
123-Trichloropropane	<10 ug/L	5ppb	Methylene Chloride	<10 ug/L	5ppb
124-Trichlorobenzene (v)	<10 ug/L	5ppb	Methylisobutylketone	<100 ug/L	N/A
124-Trimethylbenzene	<10 ug/L	N/A	n-Butylbenzene	<10 ug/L	N/A
1245 Tetramethylbenz	<10 ug/L	N/A	n-Propylbenzene	<10 ug/L	N/A
135-Trimethylbenzene	<10 ug/L	N/A	Naphthalene(v)	<10 ug/L	10ppb
2,2-Dichloropropane	<10 ug/L	N/A	o Xylene	<10 ug/L	5ppb
2-Chlorotoluene	<10 ug/L	N/A	p Diethylbenzene	<10 ug/L	N/A
4-Chlorotoluene	<10 ug/L	N/A	p-Ethyltoluene	<10 ug/L	N/A
Acetone	<100 ug/L	50ppb	p-Isopropyltoluene	<10 ug/L	N/A
Benzene	<10 ug/L	0.7ppb	sec-Butylbenzene	<10 ug/L	N/A
Bromobenzene	<10 ug/L	N/A	Styrene	<10 ug/L	N/A
Bromochloromethane	<10 ug/L	N/A	t-1,2-Dichloroethene	<10 ug/L	N/A
Bromodichloromethane	<10 ug/L	N/A	t-1,3Dichloropropene	<10 ug/L	N/A
Bromoform	<10 ug/L	N/A	ter.ButylMethylEther (MTBE)	<10 ug/L	N/A
Bromomethane	<10 ug/L	N/A	tert-Butylbenzene	<10 ug/L	N/A
c-1,2-Dichloroethene	<10 ug/L	N/A	Tetrachloroethene	<10 ug/L	5ppb
c-1,3Dichloropropene	<10 ug/L	N/A	Toluene	<10 ug/L	5ppb
Carbon Tetrachloride	<10 ug/L	5ppb	Trichloroethylene	<10 ug/L	5ppb
Vinyl Chloride	<10 ug/L	2ppb	Trichlorofluoromethane	<10 ug/L	N/A

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, refered to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
ug/Kg: micrograms per kilogram (parts per billion) ug/L: micrograms per Liter (parts per billion)

ROBERT MARTIN COMPANY
RIVER PLAZA
TARRYTOWN, NEW YORK

TABLE 1

GROUNDWATER ANALYTICAL RESULTS FOR
VOLATILE ORGANIC COMPOUNDS (VOCs) BY EPA METHOD 8260

Compound	NYSDEC (1)	MW-1		MW-2		MW-3		MW-4	
		10/7/2004	3/22/04	10/7/2004	3/22/04	10/7/2004	3/22/04	10/7/2004	3/22/04
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	5	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	50 *	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	50 *	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NS	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50 *	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	5	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	5	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	50 *	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	50 *	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NS	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND

ROBERT MARTIN COMPANY
RIVER PLAZA
TARRYTOWN, NEW YORK

TABLE 1 (con't)

GROUNDWATER ANALYTICAL RESULTS FOR
VOLATILE ORGANIC COMPOUNDS (VOCs) BY EPA METHOD 8260

Compound	NYSDEC (1)	MW-1		MW-2		MW-3		MW-4	
		10/7/2004	3/22/04	10/7/2004	3/22/04	10/7/2004	3/22/04	10/7/2004	3/22/04
Chlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	4.8	ND	7.9	4.7	9	ND	ND	ND
cis-1,2-Dichloropropene	0.4	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50 *	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND
Diisopropyl ether	NS	ND	ND	ND	ND	ND	ND	ND	ND
Ethanol	NS	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl acetate	NS	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
Freon-114	NS	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	ND
Isopropyl acetate	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
m + p Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tertiary butyl ether	10	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	14 B	ND	15 B	ND	14 B	ND	15 B	ND
Naphthalene	10 *	ND	ND	ND	ND	ND	ND	ND	ND
n-Butyl acetate	NS	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
n-Propyl acetate	NS	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
o Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND
p-Diethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND
p-Ethyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND	ND	ND	ND
t-Butyl alcohol	NS	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	1.7	0.8 J	6.8	5.4	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	1.5	ND	2.6	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NS	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	5.6	5.1	3	7.8	12	11	ND	ND

Notes:
1 - NYSDEC Class GA Drinking Water Standards and Guidance Values, TOGS 1.1.1. June 1998
* - Guidance Value
ND - Not Detected
NS - Not specified
Bold text denotes exceedance of standard or guidance value.

MANAGEMENT CORP.

USEPA 8260 Volatile Organic Compounds
GROUNDWATER SAMPLE ANALYTICAL DATA

Analytical Parameters	Monitoring Well #1	NYSDEC Groundwater Criteria	Analytical Parameters	Monitoring Well #1	NYSDEC Groundwater Criteria
	MW-1	Groundwater (ppb)		MW-1	Groundwater (ppb)
1,1 Dichloroethane	<1 ppb	5.0	Carbon disulfide	<1 ppb	50.0
1,1 Dichloroethene	<1 ppb	5.0	Chlorobenzene	<1 ppb	5.0
1,1 Dichloropropene	<1 ppb	N/A	Chlorodibromomethane	<1 ppb	N/A
1,1,1 Trichloroethane	<1 ppb	5.0	Chloroethane	<1 ppb	50.0
1,1,1,2 Tetrachloroethane	<1 ppb	N/A	Chloroform	1.77 ppb	7.0
1,1,2 Trichloroethane	<1 ppb	N/A	Chloromethane	<1 ppb	N/A
1,1,2,2 Tetrachloroethane	<1 ppb	5.0	Cis-1,2 Dichloroethene	3.19 ppb	5.0
1,2 Dibromo-3-Chloropropane	<5 ppb	N/A	Cis-1,3 Dichloropropene	<1 ppb	N/A
1,2 Dibromoethane	<1 ppb	N/A	Dibromomethane	<1 ppb	N/A
1,2 Dichlorobenzene	<1 ppb	4.7	Dichlorodifluoromethane	<1 ppb	N/A
1,2 Dichloroethane	<1 ppb	5.0	Ethyl methacrylate	<1 ppb	N/A
1,2 Dichloropropane	<1 ppb	N/A	Ethylbenzene	<1 ppb	5.0
1,2,3 Trichlorobenzene	<10 ppb	N/A	Hexachlorobutadiene	<10 ppb	N/A
1,2,3 Trichloropropane	<5 ppb	5.0	Iodomethane	<5 ppb	N/A
1,2,4 Trichlorobenzene	<10 ppb	5.0	Isopropyl Ether	<1 ppb	N/A
1,2,4 Trimethylbenzene	<1 ppb	5.0	Isopropyl Benzene	<1 ppb	5.0
1,3 Dichlorobenzene	<1 ppb	5.0	M,P-Xylene	<2 ppb	5.0
1,3 Dichloropropane	<1 ppb	5.0	Methacrylonitrile	<1 ppb	N/A
1,3,5 Trimethylbenzene	<1 ppb	5.0	Methyl methacrylate	<1 ppb	N/A
1,4 Dichlorobenzene	<1 ppb	5.0	Methyl t-Butyl Ether (MTBE)	<1 ppb	10.0
2,2 Dichloropropane	<1 ppb	N/A	Methylene Chloride	<1 ppb	5.0
2-Butanone	<5 ppb	50.0	N-Butylbenzene	<1 ppb	5.0
2-Chloroethyl Vinyl Ether	<1 ppb	N/A	N-Propylbenzene	<1 ppb	5.0
2-Chlorotoluene	<1 ppb	N/A	Naphthalene	<10 ppb	10.0
2-Hexanone	<1 ppb	N/A	O-Xylene	<1 ppb	5.0
4-Chlorotoluene	<1 ppb	N/A	P-Isopropyltoluene	<1 ppb	5.0
4-Methyl-2-Pentanone	<5 ppb	50.0	Sec-Butylbenzene	<1 ppb	5.0
Acetone	<5 ppb	50.0	Styrene	<1 ppb	N/A
Acetonitrile	<1 ppb	N/A	Tert-Butylbenzene	<1 ppb	5.0
Acrolein	<5 ppb	N/A	Tetrachloroethene	<1 ppb	5.0
Acrylonitrile	<1 ppb	N/A	Toluene	<1 ppb	5.0
Benzene	<1 ppb	0.7	Trans-1,2 Dichloroethene	<1 ppb	5.0
Bromobenzene	<1 ppb	N/A	Trans-1,3 Dichloropropene	<1 ppb	N/A
Bromochloromethane	<5 ppb	N/A	Trichloroethene	<1 ppb	5.0
Bromodichloromethane	<1 ppb	N/A	Trichlorofluoromethane	<1 ppb	N/A
Bromoform	<1 ppb	N/A	Vinyl Chloride	4.48 ppb	2.0
Bromomethane	<1 ppb	N/A	Vinyl Acetate	<1 ppb	N/A
Carbon Tetrachloride	<1 ppb	5.0			

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC Groundwater Criteria Standards for groundwater, are highlighted in RED.
N/A: Limit not available
ppb: Parts per Billion

MANAGEMENT CORP.

USEPA 8260 Volatile Organic Compounds
GROUNDWATER SAMPLE ANALYTICAL DATA

Analytical Parameters	Monitoring Well #2	NYSDEC Groundwater Criteria	Analytical Parameters	Monitoring Well #2	NYSDEC Groundwater Criteria
	MW-2	Groundwater (ppb)		MW-2	Groundwater (ppb)
1,1 Dichloroethane	<1 ppb	5.0	Carbon disulfide	<1 ppb	50.0
1,1 Dichloroethene	<1 ppb	5.0	Chlorobenzene	<1 ppb	5.0
1,1 Dichloropropene	<1 ppb	N/A	Chlorodibromomethane	<1 ppb	N/A
1,1,1 Trichloroethane	<1 ppb	5.0	Chloroethane	<1 ppb	50.0
1,1,1,2 Tetrachloroethane	<1 ppb	N/A	Chloroform	1.44 ppb	7.0
1,1,2 Trichloroethane	<1 ppb	N/A	Chloromethane	<1 ppb	N/A
1,1,2,2 Tetrachloroethane	<1 ppb	5.0	Cis-1,2 Dichloroethene	3.03 ppb	5.0
1,2 Dibromo-3-Chloropropane	<5 ppb	N/A	Cis-1,3 Dichloropropene	<1 ppb	N/A
1,2 Dibromoethane	<1 ppb	N/A	Dibromomethane	<1 ppb	N/A
1,2 Dichlorobenzene	<1 ppb	4.7	Dichlorodifluoromethane	<1 ppb	N/A
1,2 Dichloroethane	<1 ppb	5.0	Ethyl methacrylate	<1 ppb	N/A
1,2 Dichloropropane	<1 ppb	N/A	Ethylbenzene	<1 ppb	5.0
1,2,3 Trichlorobenzene	<10 ppb	N/A	Hexachlorobutadiene	<10 ppb	N/A
1,2,3 Trichloropropane	<5 ppb	5.0	Iodomethane	<5 ppb	N/A
1,2,4 Trichlorobenzene	<10 ppb	5.0	Isopropyl Ether	<1 ppb	N/A
1,2,4 Trimethylbenzene	<1 ppb	5.0	Isopropyl Benzene	<1 ppb	5.0
1,3 Dichlorobenzene	<1 ppb	5.0	M,P-Xylene	<2 ppb	5.0
1,3 Dichloropropane	<1 ppb	5.0	Methacrylonitrile	<1 ppb	N/A
1,3,5 Trimethylbenzene	<1 ppb	5.0	Methyl methacrylate	<1 ppb	N/A
1,4 Dichlorobenzene	<1 ppb	5.0	Methyl t-Butyl Ether (MTBE)	<1 ppb	10.0
2,2 Dichloropropane	<1 ppb	N/A	Methylene Chloride	<1 ppb	5.0
2-Butanone	<5 ppb	50.0	N-Butylbenzene	<1 ppb	5.0
2-Chloroethyl Vinyl Ether	<1 ppb	N/A	N-Propylbenzene	<1 ppb	5.0
2-Chlorotoluene	<1 ppb	N/A	Naphthalene	<10 ppb	10.0
2-Hexanone	<1 ppb	N/A	O-Xylene	<1 ppb	5.0
4-Chlorotoluene	<1 ppb	N/A	P-Isopropyltoluene	<1 ppb	5.0
4-Methyl-2-Pentanone	<5 ppb	50.0	Sec-Butylbenzene	<1 ppb	5.0
Acetone	<5 ppb	50.0	Styrene	<1 ppb	N/A
Acetonitrile	<1 ppb	N/A	Tert-Butylbenzene	<1 ppb	5.0
Acrolein	<5 ppb	N/A	Tetrachloroethene	1.99 ppb	5.0
Acrylonitrile	<1 ppb	N/A	Toluene	<1 ppb	5.0
Benzene	<1 ppb	0.7	Trans-1,2 Dichloroethene	<1 ppb	5.0
Bromobenzene	<1 ppb	N/A	Trans-1,3 Dichloropropene	<1 ppb	N/A
Bromochloromethane	<5 ppb	N/A	Trichloroethene	1.17 ppb	5.0
Bromodichloromethane	<1 ppb	N/A	Trichlorofluoromethane	<1 ppb	N/A
Bromoform	<1 ppb	N/A	Vinyl Chloride	3.03 ppb	2.0
Bromomethane	<1 ppb	N/A	Vinyl Acetate	<1 ppb	N/A
Carbon Tetrachloride	<1 ppb	5.0			

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC Groundwater Criteria Standards for groundwater, are highlighted in RED.
N/A: Limit not available
ppb: Parts per Billion

MANAGEMENT CORP.

USEPA 8260 Volatile Organic Compounds
GROUNDWATER SAMPLE ANALYTICAL DATA

Analytical Parameters	Monitoring Well #3	NYSDEC Groundwater Criteria	Analytical Parameters	Monitoring Well #3	NYSDEC Groundwater Criteria
	MW-3	Groundwater (ppb)		MW-3	Groundwater (ppb)
1,1 Dichloroethane	<1 ppb	5.0	Carbon disulfide	<1 ppb	50.0
1,1 Dichloroethene	<1 ppb	5.0	Chlorobenzene	<1 ppb	5.0
1,1 Dichloropropene	<1 ppb	N/A	Chlorodibromomethane	<1 ppb	N/A
1,1,1 Trichloroethane	<1 ppb	5.0	Chloroethane	<1 ppb	50.0
1,1,1,2 Tetrachloroethane	<1 ppb	N/A	Chloroform	<1 ppb	7.0
1,1,2 Trichloroethane	<1 ppb	N/A	Chloromethane	<1 ppb	N/A
1,1,2,2 Tetrachloroethane	<1 ppb	5.0	Cis-1,2 Dichloroethene	7.09 ppb	5.0
1,2 Dibromo-3-Chloropropane	<5 ppb	N/A	Cis-1,3 Dichloropropene	<1 ppb	N/A
1,2 Dibromoethane	<1 ppb	N/A	Dibromomethane	<1 ppb	N/A
1,2 Dichlorobenzene	<1 ppb	4.7	Dichlorodifluoromethane	<1 ppb	N/A
1,2 Dichloroethane	<1 ppb	5.0	Ethyl methacrylate	<1 ppb	N/A
1,2 Dichloropropane	<1 ppb	N/A	Ethylbenzene	<1 ppb	5.0
1,2,3 Trichlorobenzene	<10 ppb	N/A	Hexachlorobutadiene	<10 ppb	N/A
1,2,3 Trichloropropane	<5 ppb	5.0	Iodomethane	<5 ppb	N/A
1,2,4 Trichlorobenzene	<10 ppb	5.0	Isopropyl Ether	<1 ppb	N/A
1,2,4 Trimethylbenzene	<1 ppb	5.0	Isopropyl Benzene	<1 ppb	5.0
1,3 Dichlorobenzene	<1 ppb	5.0	M,P-Xylene	<2 ppb	5.0
1,3 Dichloropropane	<1 ppb	5.0	Methacrylonitrile	<1 ppb	N/A
1,3,5 Trimethylbenzene	<1 ppb	5.0	Methyl methacrylate	<1 ppb	N/A
1,4 Dichlorobenzene	<1 ppb	5.0	Methyl t-Butyl Ether (MTBE)	<1 ppb	10.0
2,2 Dichloropropane	<1 ppb	N/A	Methylene Chloride	<1 ppb	5.0
2-Butanone	<5 ppb	50.0	N-Butylbenzene	<1 ppb	5.0
2-Chloroethyl Vinyl Ether	<1 ppb	N/A	N-Propylbenzene	<1 ppb	5.0
2-Chlorotoluene	<1 ppb	N/A	Naphthalene	<10 ppb	10.0
2-Hexanone	<1 ppb	N/A	O-Xylene	<1 ppb	5.0
4-Chlorotoluene	<1 ppb	N/A	P-Isopropyltoluene	<1 ppb	5.0
4-Methyl-2-Pentanone	<5 ppb	50.0	Sec-Butylbenzene	<1 ppb	5.0
Acetone	<5 ppb	50.0	Styrene	<1 ppb	N/A
Acetonitrile	<1 ppb	N/A	Tert-Butylbenzene	<1 ppb	5.0
Acrolein	<5 ppb	N/A	Tetrachloroethene	14.4 ppb	5.0
Acrylonitrile	<1 ppb	N/A	Toluene	<1 ppb	5.0
Benzene	<1 ppb	0.7	Trans-1,2 Dichloroethene	<1 ppb	5.0
Bromobenzene	<1 ppb	N/A	Trans-1,3 Dichloropropene	<1 ppb	N/A
Bromochloromethane	<5 ppb	N/A	Trichloroethene	4.31 ppb	5.0
Bromodichloromethane	<1 ppb	N/A	Trichlorofluoromethane	<1 ppb	N/A
Bromoform	<1 ppb	N/A	Vinyl Chloride	10.5 ppb	2.0
Bromomethane	<1 ppb	N/A	Vinyl Acetate	<1 ppb	N/A
Carbon Tetrachloride	<1 ppb	5.0			

NOTES:
< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC Groundwater Criteria Standards for groundwater, are highlighted in RED.
N/A: Limit not available
ppb: Parts per Billion

MANAGEMENT CORP.

USEPA 8260 Volatile Organic Compounds
GROUNDWATER SAMPLE ANALYTICAL DATA

Analytical Parameters	Monitoring Well #4	NYSDEC Groundwater Criteria	Analytical Parameters	Monitoring Well #4	NYSDEC Groundwater Criteria
	MW-4	Groundwater (ppb)		MW-4	Groundwater (ppb)
1,1 Dichloroethane	<1 ppb	5.0	Carbon disulfide	<1 ppb	50.0
1,1 Dichloroethene	<1 ppb	5.0	Chlorobenzene	<1 ppb	5.0
1,1 Dichloropropane	<1 ppb	N/A	Chlorodibromomethane	<1 ppb	N/A
1,1,1 Trichloroethane	<1 ppb	5.0	Chloroethane	<1 ppb	50.0
1,1,1,2 Tetrachloroethane	<1 ppb	N/A	Chloroform	<1 ppb	7.0
1,1,2 Trichloroethane	<1 ppb	N/A	Chloromethane	<1 ppb	N/A
1,1,2,2 Tetrachloroethane	<1 ppb	5.0	Cis-1,2 Dichloroethene	<1 ppb	5.0
1,2 Dibromo-3-Chloropropane	<5 ppb	N/A	Cis-1,3 Dichloropropene	<1 ppb	N/A
1,2 Dibromoethane	<1 ppb	N/A	Dibromomethane	<1 ppb	N/A
1,2 Dichlorobenzene	<1 ppb	4.7	Dichlorodifluoromethane	<1 ppb	N/A
1,2 Dichloroethane	<1 ppb	5.0	Ethyl methacrylate	<1 ppb	N/A
1,2 Dichloropropane	<1 ppb	N/A	Ethylbenzene	<1 ppb	5.0
1,2,3 Trichlorobenzene	<10 ppb	N/A	Hexachlorobutadiene	<10 ppb	N/A
1,2,3 Trichloropropane	<5 ppb	5.0	Iodomethane	<5 ppb	N/A
1,2,4 Trichlorobenzene	<10 ppb	5.0	Isopropyl Ether	<1 ppb	N/A
1,2,4 Trimethylbenzene	<1 ppb	5.0	Isopropyl Benzene	<1 ppb	5.0
1,3 Dichlorobenzene	<1 ppb	5.0	M,P-Xylene	<2 ppb	5.0
1,3 Dichloropropane	<1 ppb	5.0	Methacrylonitrile	<1 ppb	N/A
1,3,5 Trimethylbenzene	<1 ppb	5.0	Methyl methacrylate	<1 ppb	N/A
1,4 Dichlorobenzene	<1 ppb	5.0	Methyl t-Butyl Ether (MTBE)	<1 ppb	10.0
2,2 Dichloropropane	<1 ppb	N/A	Methylene Chloride	<1 ppb	5.0
2-Butanone	<5 ppb	50.0	N-Butylbenzene	<1 ppb	5.0
2-Chloroethyl Vinyl Ether	<1 ppb	N/A	N-Propylbenzene	<1 ppb	5.0
2-Chlorotoluene	<1 ppb	N/A	Naphthalene	<10 ppb	10.0
2-Hexanone	<1 ppb	N/A	O-Xylene	<1 ppb	5.0
4-Chlorotoluene	<1 ppb	N/A	P-Isopropyltoluene	<1 ppb	5.0
4-Methyl-2-Pentanone	<5 ppb	50.0	Sec-Butylbenzene	<1 ppb	5.0
Acetone	<5 ppb	50.0	Styrene	<1 ppb	N/A
Acetonitrile	<1 ppb	N/A	Tert-Butylbenzene	<1 ppb	5.0
Acrolein	<5 ppb	N/A	Tetrachloroethene	<1 ppb	5.0
Acrylonitrile	<1 ppb	N/A	Toluene	<1 ppb	5.0
Benzene	<1 ppb	0.7	Trans-1,2 Dichloroethene	<1 ppb	5.0
Bromobenzene	<1 ppb	N/A	Trans-1,3 Dichloropropene	<1 ppb	N/A
Bromochloromethane	<5 ppb	N/A	Trichloroethene	<1 ppb	5.0
Bromodichloromethane	<1 ppb	N/A	Trichlorofluoromethane	<1 ppb	N/A
Bromoform	<1 ppb	N/A	Vinyl Chloride	<1 ppb	2.0
Bromomethane	<1 ppb	N/A	Vinyl Acetate	<1 ppb	N/A
Carbon Tetrachloride	<1 ppb	5.0			

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC Groundwater Criteria Standards for groundwater, are highlighted in RED.
N/A: Limit not available
ppb: Parts per Billion

ROBERT MARTIN COMPANY
RIVER PLAZA
TARRYTOWN, NEW YORK

TABLE 6

GROUNDWATER ANALYTICAL RESULTS FOR
SEMIVOLATILE ORGANIC COMPOUNDS (VOCs) BY EPA METHOD 8270 (STARS LIST)

Compound	NYSDEC (1)	MW-1	MW-2	MW-3	MW-4
Acenaphthene	20 *	ND	ND	ND	ND
Anthracene	50 *	ND	ND	ND	ND
Benzo(a)anthracene	0.002 *	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002 *	ND	ND	ND	ND
Benzo(g,h,i)perylene	NS	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002 *	ND	ND	ND	ND
Chrysene	0.002 *	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NS	ND	ND	ND	ND
Fluoranthene	50 *	ND	ND	ND	ND
Fluorene	50 *	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002 *	ND	ND	ND	ND
Naphthalene	10 *	ND	ND	ND	ND
Phenanthrene	50 *	ND	ND	ND	ND
Pyrene	50 *	ND	ND	ND	ND

Notes:
1 - NYSDEC Class GA Drinking Water Standards and Guidance Values, TOGS 1.1.1. June 1998
* - Guidance Value
ND - Not Detected
NS - Not specified
All units are ug/l.

USEPA 8260 Volatile Organic Compounds
SOIL & GROUNDWATER SAMPLE ANALYTICAL DATA

Analytical Parameters	Soil Borehole #B15 (Sampling Depth in Feet)	NYSDEC Groundwater Standards	Analytical Parameters	Soil Borehole #B15 (Sampling Depth in Feet)	NYSDEC Groundwater Standards
	GW1 (12')	Groundwater (ppb)		GW1 (12')	Groundwater (ppb)
1,1 Dichloroethane	<1.0 ppb	5.0	Carbon disulfide	<1.0 ppb	50.0
1,1 Dichloroethene	<1.0 ppb	5.0	Chlorobenzene	<1.0 ppb	5.0
1,1 Dichloropropene	<1.0 ppb	N/A	Chlorodibromomethane	<1.0 ppb	N/A
1,1,1 Trichloroethane	<1.0 ppb	5.0	Chloroethane	<1.0 ppb	50.0
1,1,1,2 Tetrachloroethane	<1.0 ppb	N/A	Chloroform	<1.0 ppb	7.0
1,1,2 Trichloroethane	<1.0 ppb	N/A	Chloromethane	<1.0 ppb	N/A
1,1,2,2 Tetrachloroethane	<1.0 ppb	5.0	Cis-1,2 Dichloroethene	<1.0 ppb	N/A
1,2 Dibromo-3-Chloropropane	<5.0 ppb	N/A	Cis-1,3 Dichloropropene	<1.0 ppb	N/A
1,2 Dibromoethane	<1.0 ppb	N/A	Dibromomethane	<1.0 ppb	N/A
1,2 Dichlorobenzene	<1.0 ppb	4.7	Dichlorodifluoromethane	<1.0 ppb	N/A
1,2 Dichloroethane	<1.0 ppb	5.0	Ethyl methacrylate	<1.0 ppb	5.0
1,2 Dichloropropane	<1.0 ppb	N/A	Ethylbenzene	<10.0 ppb	N/A
1,2,3 Trichlorobenzene	<10.0 ppb	N/A	Hexachlorobutadiene	<5.0 ppb	N/A
1,2,3 Trichloropropane	<5.0 ppb	5.0	Iodomethane	<1.0 ppb	N/A
1,2,4 Trichlorobenzene	<10.0 ppb	5.0	Isopropyl Ether	<1.0 ppb	N/A
1,2,4 Trimethylbenzene	<1.0 ppb	N/A	Isopropyl Benzene	<2.0 ppb	5.0
1,3 Dichlorobenzene	<1.0 ppb	5.0	M,P-Xylene	<1.0 ppb	N/A
1,3 Dichloropropane	<1.0 ppb	5.0	Methacrylonitrile	<1.0 ppb	N/A
1,3,5 Trimethylbenzene	<1.0 ppb	N/A	Methyl methacrylate	<1.0 ppb	N/A
1,4 Dichlorobenzene	<1.0 ppb	5.0	Methyl t-Butyl Ether (MTBE)	<1.0 ppb	5.0
2,2 Dichloropropane	<1.0 ppb	N/A	Methylene Chloride	<1.0 ppb	N/A
2-Butanone	<5.0 ppb	50.0	N-Butylbenzene	<1.0 ppb	N/A
2-Chloroethyl Vinyl Ether	<1.0 ppb	N/A	N-Propylbenzene	<10.0 ppb	N/A
2-Chlorotoluene	<1.0 ppb	N/A	Naphthalene	<1.0 ppb	5.0
2-Hexanone	<1.0 ppb	N/A	O-Xylene	<1.0 ppb	N/A
4-Chlorotoluene	<1.0 ppb	N/A	P-Isopropyltoluene	<1.0 ppb	N/A
4-Methyl-2-Pentanone	<5.0 ppb	50.0	Sec-Butylbenzene	<1.0 ppb	N/A
Acetone	8.41 ppb	50.0	Styrene	<1.0 ppb	N/A
Acetonitrile	<1.0 ppb	N/A	Tert-Butylbenzene	2.78 ppb	5.0
Acrolein	<5.0 ppb	N/A	Tetrachloroethene	<1.0 ppb	5.0
Acrylonitrile	<1.0 ppb	N/A	Toluene	<1.0 ppb	5.0
Benzene	<1.0 ppb	0.7	Trans-1,2 Dichloroethene	<1.0 ppb	N/A
Bromobenzene	<1.0 ppb	N/A	Trans-1,3 Dichloropropene	<1.0 ppb	5.0
Bromochloromethane	<5.0 ppb	N/A	Trichloroethene	<1.0 ppb	N/A
Bromodichloromethane	<1.0 ppb	N/A	Trichlorofluoromethane	<1.0 ppb	2.0
Bromoform	<1.0 ppb	N/A	Vinyl Chloride	<1.0 ppb	N/A
Bromomethane	<1.0 ppb	N/A	Vinyl Acetate		
Carbon Tetrachloride	<1.0 ppb	5.0			

NOTES:
< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM #4046 Soil Cleanup Objectives to protect Groundwater Quality, for soil and the NYSDEC TAGM #4046 Groundwater Standards/Criteria, for groundwater are highlighted in RED.
N/A: Limit not available
ppm: Parts per Million
ppb: Parts per Billion

USEPA 8260 Volatile Organic Compounds
SOIL & GROUNDWATER SAMPLE ANALYTICAL DATA

NOTES:

< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM #4046 Soil Cleanup Objectives to protect Groundwater Quality, for soil and the NYSDEC TAGM #4046 Groundwater Standards/Criteria, for groundwater are highlighted in RED.

N/A: Limit not available
ppm: Parts per Million ppb: Parts per Billion

CNS MANAGEMENT CORP.
A Real Estate Services Company

CNS Job #: E23262

Site Address: River Plaza – 134 Wildey Street, Tarrytown, NY

Sample ID #: GW2 (8-10') – Associated with Soil Boring #03

Analytical Method # 8270B		
Parameter	Result (ug/L) ppb	NYSDEC TAGM 4046 Groundwater Standards Criteria (ppb)
Naphthalene	<1	10.0
Acenaphthene	<1	20.0
Flourene	<1	50.0
Phenanthrene	<1	50.0
Anthracene	<1	50.0
Fluoranthene	<1	50.0
Pyrene	<1	50.0
Benzo(a)anthracene	<1	0.002
Chrysene	<1	0.002
Benzo(b)fluoranthene	<1	0.002
Benzo(k)fluoranthene	<1	0.002
Benzo(a)pyrene	<1	0.002
Indeno (1,2,3-cd)pyrene	<1	0.002
Dibenzo(a,h)anthracene	<1	50.0
Benzo(g,h,I)perylene	<1	5.0
2-Methylnaphthalene		50.0
Acenaphthylene		20.0

< Minimum Detection Limit
< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, referred to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
mg/Kg: milligrams per kilogram (parts per million) ug/L: micrograms per liter (ppb)

CNS MANAGEMENT CORP.
A Real Estate Services Company

CNS Job #: E23262

Site Address: River Plaza – 134 Wildey Street, Tarrytown, NY

Sample ID #: GW3 (8-10') – Associated with Soil Boring #04

Analytical Method # 8270B		
Parameter	Result (ug/L) ppb	NYSDEC TAGM 4046 Groundwater Standards Criteria (ppb)
Naphthalene	<1	10.0
Acenaphthene	<1	20.0
Flourene	<1	50.0
Phenanthrene	<1	50.0
Anthracene	<1	50.0
Fluoranthene	<1	50.0
Pyrene	<1	50.0
Benzo(a)anthracene	<1	0.002
Chrysene	<1	0.002
Benzo(b)fluoranthene	<1	0.002
Benzo(k)fluoranthene	<1	0.002
Benzo(a)pyrene	<1	0.002
Indeno (1,2,3-cd)pyrene	<1	0.002
Dibenzo(a,h)anthracene	<1	50.0
Benzo(g,h,I)perylene	<1	5.0
2-Methylnaphthalene		50.0
Acenaphthylene		20.0

< Minimum Detection Limit
< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, referred to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
mg/Kg: milligrams per kilogram (parts per million) ug/L: micrograms per liter (ppb)

CNS Job #: E23262

Site Address: River Plaza – 134 Wildey Street, Tarrytown, NY

Sample ID #: GW4 (8-9') – Associated with Soil Boring #05

Analytical Method # 8270B		
Parameter	Result (ug/L) ppb	NYSDEC TAGM 4046 Groundwater Standards Criteria (ppb)
Naphthalene	<1	10.0
Acenaphthene	<1	20.0
Flourene	<1	50.0
Phenanthrene	<1	50.0
Anthracene	<1	50.0
Fluoranthene	<1	50.0
Pyrene	<1	50.0
Benzo(a)anthracene	<1	0.002
Chrysene	<1	0.002
Benzo(b)fluoranthene	<1	0.002
Benzo(k)fluoranthene	<1	0.002
Benzo(a)pyrene	<1	0.002
Indeno (1,2,3-cd)pyrene	<1	0.002
Dibenzo(a,h)anthracene	<1	50.0
Benzo(g,h,I)perylene	<1	5.0
2-Methylnaphthalene		50.0
Acenaphthylene		20.0

< Minimum Detection Limit
< Below Minimum Detection Limit (MDL) for Method of analysis and instrumentation.
Concentrations above MDL are highlighted in bold BLACK.
Concentrations exceeding the NYSDEC TAGM 4046-Guidance Values for soil or groundwater are Highlighted in RED.
* Compounds not found in NYSDEC TAGM 4046, referred to NYSDEC STARS Memo #1 "TCLP Alternative Guidance Values" for groundwater protection.
Values reported on a dry weight basis.
N/A: Limit not available
ppm: Parts per Million
mg/Kg: milligrams per kilogram (parts per million) ug/L: micrograms per liter (ppb)

ROBERT MARTIN COMPANY
RIVER PLAZA
TARRYTOWN, NEW YORK

Table 1

GROUNDWATER ANALYTICAL RESULTS FOR
VOLATILE ORGANIC COMPOUNDS (VOCs) BY EPA METHOD 8260

Compound	NYSDEC (1)	GP-2 1/21/2005	GP-3 1/21/2005	GP-4 1/21/2005	Trip Blank
Chlorodifluoromethane	5	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND
Chloroform	7	0.65	3	0.5	ND
Chloromethane	5	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	2.4	0.47	0.9	ND
cis-1,2-Dichloropropene	0.4	ND	ND	ND	ND
Dibromochloromethane	50 *	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND
Diisopropyl ether	NS	ND	ND	ND	ND
Ethanol	NS	ND	ND	ND	ND
Ethyl acetate	NS	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND
Freon-114	NS	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND
Isopropyl acetate	NS	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND
m + p Xylene	5	ND	ND	ND	ND
Methyl tertiary butyl ether	10	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND
Naphthalene	10 *	ND	ND	ND	ND
n-Butyl acetate	NS	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND
n-Propyl acetate	NS	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND
o Xylene	5	ND	ND	ND	ND
p-Diethylbenzene	NS	ND	ND	ND	ND
p-Ethyltoluene	NS	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND
t-Butyl alcohol	NS	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND
Tetrachloroethene	5	3.6	1.9	3	ND
Toluene	5	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	ND
Trichloroethene	5	ND	ND	0.52	ND
Trichlorofluoromethane	5	ND	ND	ND	ND
Vinyl acetate	NS	ND	ND	ND	ND
Vinyl chloride	2	8.9	ND	ND	ND

Notes:
1 - NYSDEC Class GA Drinking Water Standards and Guidance Values, TOGS 1.1.1, June 1998
* - Guidance Value
ND - Not Detected
NS - Not specified
Bold text denotes exceedance of standard or guidance value.

TABLE 3
Remedial Investigation Soil Vapor Data (Various Tables)

TABLE 5
VAPOR INTRUSION SAMPLING AND ANALYSES DATA SUMMARY
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES INC.	SAMPLE LOCATION	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	IAQ-1	IAQ-2	IAQ-3	IAQ-4	IAQ-5	AAQ-1
	SAMPLING DATE	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010
	SAMPLE MATRIX	Sub-Slab	Sub-Slab	Sub-Slab	Sub-Slab	Sub-Slab	Soil Gas	Soil Gas	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Ambient Air
	LAB SAMPLE ID	L1002578-01	L1002578-02	L1002578-03	L1002578-04	L1002578-05	L1002578-06	L1002578-07	L1002578-09	L1002578-10	L1002578-11	L1002578-12	L1002578-13	L1002578-14
VOLATILE ORGANICS VOCs)														
1,1,1-Trichloroethane		1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	**5.54**	1.09 U	1.09 U	1.09 U	1.09 U
1,1,2,2-Tetrachloroethane		1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U
1,1,2-Trichloroethane		1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
1,1-Dichloroethane		0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,1-Dichloroethene		0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U
1,2,4-Trichlorobenzene		**6.84 J**	**9.77 J**	**4.61 J**	**5.45 J**	**4.62 J**	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U
1,2,4-Trimethylbenzene		**14.7**	**7.2**	**7.46**	**11.5**	**6.05**	0.982 U	0.982 U	**5.52**	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U
1,2-Dibromoethane		1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
1,2-Dichlorobenzene		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane		0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,2-Dichloropropane		0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U
1,3,5-Trimethybenzene		**4.05**	**2.2**	**1.75**	**2.54**	**1.4**	0.982 U	0.982 U	**2.12**	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U
1,3-Butadiene		0.442 U	0.442 U	0.442 U	0.442 U	**2.27**	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U
1,3-Dichlorobenzene		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dioxane		0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
2,2,4-Trimethylpentane		**2.78**	**1.92**	**2.08**	**2.21**	**2.52**	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U
2-Butanone		**11.2**	**4.06**	**3.94**	**3.36**	**8.71**	**36**	**78.8**	**1.45**	**1.76**	**1.42**	**0.725**	0.589 U	0.589 U
2-Hexanone		0.819 U	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U
3-Chloropropene		0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U
4-Ethyltoluene		**3.23**	**1.15**	**1.23**	**2.15**	**1.04**	0.982 U	0.982 U	**1.68**	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U
Acetone		**73.8**	**48.9**	**44.5**	**50.4**	**105**	**19.6**	**63.2**	**7.25**	**20.1**	**11.5**	**10.6**	**3.13**	**3.53**
Benzene		**3.65**	**2.01**	**4.53**	**1.11**	**9.6**	**2.55**	**3.72**	**0.804**	**0.712**	**0.82**	**0.843**	**0.75**	**0.744**
Benzyl chloride		1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U
Bromodichloromethane		1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U
Bromoform		2.06 U	2.06 U	2.06 U	2.06 U	2.06 U	2.06 U	2.06 U	2.06 U	2.06 U	2.06 U	2.06 U	2.06 U	2.06 U
Bromomethane		0.776 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U
Carbon disulfide		**1.42**	0.622 U	0.622 U	0.622 U	**8.68**	0.622 U	**1.29**	0.622 U	0.622 U	0.622 U	0.622 U	0.622 U	0.622 U
Carbon tetrachloride		1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U
Chlorobenzene		0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Chloroethane		0.527 U	0.527 U	0.527 U	0.527 U	0.527 U	0.527 U	0.527 U	0.527 U	0.527 U	0.527 U	0.527 U	0.527 U	0.527 U
Chloroform		**4.83**	0.976 U	**1.28**	0.976 U	0.976 U	0.976 U	0.976 U	**1.22**	**2.83**	**34.6**	0.976 U	0.976 U	0.976 U
Chloromethane		0.413 U	0.413 U	**0.718**	0.413 U	0.413 U	**0.766**	**1.54**	**1.17**	**1.12**	**2.53**	**1.23**	**1.08**	**1.15**
cis-1,2-Dichloroethene		**6.37**	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U
cis-1,3-Dichloropropene		0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U
Cyclohexane		0.688 U	0.688 U	0.688 U	0.688 U	**1.36**	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
Dibromochloromethane		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane		**2.61**	**2.66**	**2.6**	**2.52**	**2.72**	**2.63**	**2.64**	**2.7**	**2.53**	**2.66**	**2.61**	**2.59**	**2.66**
Ethanol		**141**	**108**	**108**	**119**	**79.6**	**110**	**198**	**49.4**	**349**	**212**	**25.2**	4.71 U	4.71 U
Ethyl Acetate		1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Ethylbenzene		**2.19**	**1.66**	**1.93**	**2.14**	**1.82**	0.868 U	0.868 U	0.868 U	0.868 U	0.868 U	0.868 U	0.868 U	0.868 U
Freon-113		1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U
Freon-114		1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Hexachlorobutadiene		2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U
Isopropanol		**51.7**	**38.9**	**39.9**	**43.1**	**29.1**	1.23 U	**13.5**	**46.5**	**624 E**	**35.3**	**5.43**	1.23 U	1.23 U
Methylene chloride		1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U
4-Methyl-2-pentanone		**2.21**	**1.9**	**1.53**	**1.62**	**1.72**	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U
Methyl tert butyl ether		0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
p/m-Xylene		**7.07**	**5.38**	**6.16**	**7.51**	**5.96**	1.74 U	**1.76**	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U

TABLE 5
VAPOR INTRUSION SAMPLING AND ANALYSES DATA SUMMARY
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES INC.	SAMPLE LOCATION	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	IAQ-1	IAQ-2	IAQ-3	IAQ-4	IAQ-5	AAQ-1
	SAMPLING DATE	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010	2/18/2010
	SAMPLE MATRIX	Sub-Slab	Sub-Slab	Sub-Slab	Sub-Slab	Sub-Slab	Soil Gas	Soil Gas	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Ambient Air
	LAB SAMPLE ID	L1002578-01	L1002578-02	L1002578-03	L1002578-04	L1002578-05	L1002578-06	L1002578-07	L1002578-09	L1002578-10	L1002578-11	L1002578-12	L1002578-13	L1002578-14
VOLATILE ORGANICS VOCs)														
o-Xylene		**4.07**	2.7	**3.17**	**4.16**	**2.84**	0.868 U	0.868 U	0.868 U	0.868 U	0.868 U	0.868 U	0.868 U	0.868 U
Heptane		**2.5**	**2.45**	**2.14**	**1.3**	**2.68**	**1.2**	**1.26**	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U
n-Hexane		**4.08**	**2.74**	**2.35**	**1.05**	**3.82**	**1.83**	**3.43**	0.704 U	0.704 U	0.704 U	0.704 U	0.704 U	0.704 U
Propylene		**2.16**	0.344 U	**0.874**	0.344 U	**28.4**	**17.6**	**86.1**	**0.629**	**0.507**	**0.571**	**0.511**	0.344 U	**0.518**
Styrene		0.851 U	0.851 U	0.851 U	0.851 U	0.851 U	0.851 U	0.851 U	0.851 U	0.851 U	0.851 U	0.851 U	0.851 U	0.851 U
Tetrachloroethene		**220**	**15.2**	**8.25**	**1.82**	**2.18**	1.36 U	1.36 U	**57.4**	**13.3**	**7.08**	**1.53**	1.36 U	1.36 U
Tetrahydrofuran		**10.9**	**9.33**	**8.86**	**8.31**	**6.46**	0.589 U	0.589 U	0.589 U	**0.634**	0.589 U	0.589 U	0.589 U	0.589 U
Toluene		**34.1**	**13.1**	**40.8**	**20.3**	**21.3**	**24.8**	**4.4**	**2.03**	**1.54**	**1.49**	**1.49**	**1.14**	**1.1**
trans-1,2-Dichloroethene		**6.64**	**4.98**	**5.74**	**2.46**	**5.04**	**3.97**	**3.8**	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U	0.792 U
trans-1,3-Dichloropropene		0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U	0.907 U
Trichloroethene		**13.4**	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	**2.89**	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Trichlorofluoromethane		**1.41**	**1.44**	**1.31**	**1.39**	**1.35**	**1.38**	**1.39**	**1.32**	**1.3**	**1.42**	**1.36**	**1.26**	**1.33**
Vinyl acetate		0.704 U	0.704 U	0.704 U	0.704 U	0.704 U	0.704 U	0.704 U	0.704 U	0.704 U	0.704 U	0.704 U	0.704 U	0.704 U
Vinyl bromide		0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U
Vinyl chloride		0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U

Notes:

Results compared to the decision matrices found in the NYSDOH *Final Guidance for Evaluating Soil Vapor Intrustion in the State of New York* (October 2006).

Results are reported in micrograms per cubic meter (ug/m^3).

Bold result identifies a detection above the laboratory Reported Detection Limit (RDL).

Bold and Shaded (Red) result identifies a compound of concern (COC) which requires mitigation to be performed per the decision matrices.

Bold and Shaded (Yellow) result identifies a COC which requires monitoring to be performed per the decision matrices.

U - Compound analyzed but not detected at a concentration above the RDL.

E - Concentration of compound exceeds the range of calibration curve and/or linear range of the instrument.

The COCs carbon tetrachloride and trichloroethene were compared to NYSDOH Soil Vapor/Indoor Air Matrix 1.

The remaining COCs including 1,1,1-trichloroethane and tetrachloroethane were compared to NYSDOH Soil Vapor/Indoor Air Matrix 2.

J - Bias high

TABLE 7
POST-MITIGATION AIR SAMPLING AND ANALYSES DATA SUMMARY
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES, INC.	SAMPLE LOCATION	IAS-1		AAS-1	
	SAMPLING DATE	1/18/2011		1/18/2011	
	SAMPLE MATRIX	Indoor Air		Ambient Air	
	LAB SAMPLE ID	L1100816-01		L1100816-02	
VOLATILE ORGANICS (VOs)					
Propylene		**1.34**		**0.939**	
Dichlorodifluoromethane		**2.87**		**2.63**	
Chloromethane		**1.13**		**1.15**	
Freon-114		1.4	U	1.4	U
Vinyl chloride		0.511	U	0.511	U
1,3-Butadiene		0.442	U	0.442	U
Bromomethane		0.776	U	0.776	U
Chloroethane		0.527	U	0.527	U
Ethanol		**38.4**		4.71	U
Vinyl bromide		0.874	U	0.874	U
Acetone		**5.72**		**3.37**	
Trichlorofluoromethane		**1.74**		**1.6**	
Isopropanol		**4.25**		1.23	U
1,1-Dichloroethene		0.792	U	0.792	U
Methylene chloride		**25.3**		3.47	U
3-Chloropropene		0.626	U	0.626	U
Carbon disulfide		0.622	U	0.622	U
Freon-113		**1.81**		1.53	U
trans-1,2-Dichloroethene		0.792	U	0.792	U
1,1-Dichloroethane		0.809	U	0.809	U
Methyl tert butyl ether		0.72	U	0.72	U
Vinyl acetate		0.704	U	0.704	U
2-Butanone		**4.3**	**J**	**0.793**	**J**
cis-1,2-Dichloroethene		0.792	U	0.792	U
Ethyl Acetate		1.8	U	1.8	U
Chloroform		0.976	U	0.976	U
Tetrahydrofuran		**1.96**		0.589	U
1,2-Dichloroethane		0.809	U	0.809	U
n-Hexane		**0.919**		0.704	U
1,1,1-Trichloroethane		1.09	U	1.09	U
Benzene		**1.33**		**0.999**	
Carbon tetrachloride		1.26	U	1.26	U
Cyclohexane		0.688	U	0.688	U
1,2-Dichloropropane		0.924	U	0.924	U
Bromodichloromethane		1.34	U	1.34	U
1,4-Dioxane		0.72	U	0.72	U
Trichloroethene		1.07	U	1.07	U
2,2,4-Trimethylpentane		0.934	U	0.934	U
Heptane		**1.92**		0.819	U
cis-1,3-Dichloropropene		0.907	U	0.907	U
4-Methyl-2-pentanone		0.819	U	0.819	U
trans-1,3-Dichloropropene		0.907	U	0.907	U
1,1,2-Trichloroethane		1.09	U	1.09	U
Toluene		**2.78**		**1.74**	
2-Hexanone		0.819	U	0.819	U
Dibromochloromethane		1.7	U	1.7	U
1,2-Dibromoethane		1.54	U	1.54	U
Tetrachloroethene		**3.2**		1.36	U
Chlorobenzene		0.92	U	0.92	U
Ethylbenzene		0.868	U	0.868	U

TABLE 7
POST-MITIGATION AIR SAMPLING AND ANALYSES DATA SUMMARY
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

WHITESTONE ASSOCIATES INC.	SAMPLE LOCATION	IAS-1		AAS-1	
	SAMPLING DATE	1/18/2011		1/18/2011	
	SAMPLE MATRIX	Indoor Air		Ambient Air	
	LAB SAMPLE ID	L1100816-01		L1100816-02	
VOLATILE ORGANICS (VOs)					
p/m-Xylene		1.74	U	1.74	U
Bromoform		2.06	U	2.06	U
Styrene		0.851	U	0.851	U
1,1,2,2-Tetrachloroethane		1.37	U	1.37	U
o-Xylene		0.868	U	0.868	U
4-Ethyltoluene		0.982	U	0.982	U
1,3,5-Trimethybenzene		0.982	U	0.982	U
1,2,4-Trimethylbenzene		0.982	U	0.982	U
Benzyl chloride		1.03	U	1.03	U
1,3-Dichlorobenzene		1.2	U	1.2	U
1,4-Dichlorobenzene		1.2	U	1.2	U
1,2-Dichlorobenzene		1.2	U	1.2	U
1,2,4-Trichlorobenzene		1.48	U	1.48	U
Hexachlorobutadiene		2.13	U	2.13	U

Notes:

Results compared to the decision matrices found in the NYSDOH *Final Guidance for Evaulating Soil Vapor Intrusion in the State of New York* (October 2006).

Results are reported in micrograms per cubic meter (ug/m^3).

Bold result identifies a detection above the laboratory Reported Detection Limit (RDL).

Bold and Shaded result identifies a compound of concern (COC) which requires monitoring to be performed per the decision matrices.

U - Compound analyzed but not detected at a concentration above the RDL.

The COCs carbon tetrachloride and trichloroethene were compared to NYSDOH Soil Vapor/Indoor Air Matrix 1.

The remaining COCs including 1,1,1-trichloroethane and tetrachloroethane were compared to NYSDOH Soil Vapor/Indoor Air Matrix 2.

J - Bias high

TABLE 4
Soil Cleanup Objectives for the Site: NYSDEC 6 NYCRR Part 375 SCOs

375-6.8 **Soil cleanup objective tables.**

(a) Unrestricted use soil cleanup objectives.

Table 375-6.8(a):Unrestricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Unrestricted Use
Metals		
Arsenic	7440-38-2	13 [c]
Barium	7440-39-3	350 [c]
Beryllium	7440-41-7	7.2
Cadmium	7440-43-9	2.5 [c]
Chromium, hexavalent [e]	18540-29-9	1 [b]
Chromium, trivalent [e]	16065-83-1	30 [c]
Copper	7440-50-8	50
Total Cyanide [e, f]		27
Lead	7439-92-1	63 [c]
Manganese	7439-96-5	1600 [c]
Total Mercury		0.18 [c]
Nickel	7440-02-0	30
Selenium	7782-49-2	3.9[c]
Silver	7440-22-4	2
Zinc	7440-66-6	109 [c]
PCBs/Pesticides		
2,4,5-TP Acid (Silvex) [f]	93-72-1	3.8
4,4'-DDE	72-55-9	0.0033 [b]
4,4'-DDT	50-29-3	0.0033 [b]
4,4'-DDD	72-54-8	0.0033 [b]
Aldrin	309-00-2	0.005 [c]
alpha-BHC	319-84-6	0.02
beta-BHC	319-85-7	0.036
Chlordane (alpha)	5103-71-9	0.094

Table 375-6.8(a):Unrestricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Unrestricted Use
delta-BHC [g]	319-86-8	0.04
Dibenzofuran [f]	132-64-9	7
Dieldrin	60-57-1	0.005 [c]
Endosulfan I [d, f]	959-98-8	2.4
Endosulfan II [d, f]	33213-65-9	2.4
Endosulfan sulfate [d, f]	1031-07-8	2.4
Endrin	72-20-8	0.014
Heptachlor	76-44-8	0.042
Lindane	58-89-9	0.1
Polychlorinated biphenyls	1336-36-3	0.1
Semivolatile organic compounds		
Acenaphthene	83-32-9	20
Acenapthylene [f]	208-96-8	100 [a]
Anthracene [f]	120-12-7	100 [a]
Benz(a)anthracene [f]	56-55-3	1 [c]
Benzo(a)pyrene	50-32-8	1 [c]
Benzo(b)fluoranthene [f]	205-99-2	1 [c]
Benzo(g,h,i)perylene [f]	191-24-2	100
Benzo(k)fluoranthene [f]	207-08-9	0.8 [c]
Chrysene [f]	218-01-9	1 [c]
Dibenz(a,h)anthracene [f]	53-70-3	0.33 [b]
Fluoranthene [f]	206-44-0	100 [a]
Fluorene	86-73-7	30
Indeno(1,2,3-cd)pyrene [f]	193-39-5	0.5 [c]
m-Cresol [f]	108-39-4	0.33 [b]
Naphthalene [f]	91-20-3	12
o-Cresol [f]	95-48-7	0.33 [b]

Table 375-6.8(a):Unrestricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Unrestricted Use
p-Cresol [f]	106-44-5	0.33 [b]
Pentachlorophenol	87-86-5	0.8 [b]
Phenanthrene [f]	85-01-8	100
Phenol	108-95-2	0.33 [b]
Pyrene [f]	129-00-0	100
Volatile organic compounds		
1,1,1-Trichloroethane [f]	71-55-6	0.68
1,1-Dichloroethane [f]	75-34-3	0.27
1,1-Dichloroethene [f]	75-35-4	0.33
1,2-Dichlorobenzene [f]	95-50-1	1.1
1,2-Dichloroethane	107-06-2	0.02 [c]
cis -1,2-Dichloroethene [f]	156-59-2	0.25
trans-1,2-Dichloroethene [f]	156-60-5	0.19
1,3-Dichlorobenzene [f]	541-73-1	2.4
1,4-Dichlorobenzene	106-46-7	1.8
1,4-Dioxane	123-91-1	0.1 [b]
Acetone	67-64-1	0.05
Benzene	71-43-2	0.06
n-Butylbenzene [f]	104-51-8	12
Carbon tetrachloride [f]	56-23-5	0.76
Chlorobenzene	108-90-7	1.1
Chloroform	67-66-3	0.37
Ethylbenzene [f]	100-41-4	1
Hexachlorobenzene [f]	118-74-1	0.33 [b]
Methyl ethyl ketone	78-93-3	0.12
Methyl tert-butyl ether [f]	1634-04-4	0.93
Methylene chloride	75-09-2	0.05

Table 375-6.8(a):Unrestricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Unrestricted Use
n - Propylbenzene [f]	103-65-1	3.9
sec-Butylbenzene [f]	135-98-8	11
tert-Butylbenzene [f]	98-06-6	5.9
Tetrachloroethene	127-18-4	1.3
Toluene	108-88-3	0.7
Trichloroethene	79-01-6	0.47
1,2,4-Trimethylbenzene [f]	95-63-6	3.6
1,3,5-Trimethylbenzene[f]	108-67-8	8.4
Vinyl chloride[f]	75-01-4	0.02
Xylene (mixed)	1330-20-7	0.26

All soil cleanup objectives (SCOs) are in parts per million (ppm).

Footnotes

[a] The SCOs for unrestricted use were capped at a maximum value of 100 ppm. See Technical Support Document (TSD), section 9.3.

[b] For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO value.

[c] For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.

[d] SCO is the sum of endosulfan I, endosulfan II and endosulfan sulfate.

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

[f] Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with "NS". Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.

(b) Restricted use soil cleanup objectives.

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

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
Metals							
Arsenic	7440-38-2	16[f]	16[f]	16[f]	16[f]	13[f]	16[f]
Barium	7440-39-3	350[f]	400	400	10,000 [d]	433	820
Beryllium	7440-41-7	14	72	590	2,700	10	47
Cadmium	7440-43-9	2.5[f]	4.3	9.3	60	4	7.5
Chromium, hexavalent [h]	18540-29-9	22	110	400	800	1[e]	19
Chromium, trivalent [h]	16065-83-1	36	180	1,500	6,800	41	NS
Copper	7440-50-8	270	270	270	10,000 [d]	50	1,720
Total Cyanide [h]		27	27	27	10,000 [d]	NS	40
Lead	7439-92-1	400	400	1,000	3,900	63[f]	450
Manganese	7439-96-5	2,000[f]	2,000[f]	10,000 [d]	10,000 [d]	1600[f]	2,000[f]
Total Mercury		0.81[j]	0.81[j]	2.8[j]	5.7[j]	0.18[f]	0.73
Nickel	7440-02-0	140	310	310	10,000 [d]	30	130
Selenium	7782-49-2	36	180	1,500	6,800	3.9[f]	4[f]
Silver	7440-22-4	36	180	1,500	6,800	2	8.3
Zinc	7440-66-6	2200	10,000 [d]	10,000 [d]	10,000 [d]	109[f]	2,480
PCBs/Pesticides							
2,4,5-TP Acid (Silvex)	93-72-1	58	100[a]	500[b]	1,000[c]	NS	3.8
4,4'-DDE	72-55-9	1.8	8.9	62	120	0.0033 [e]	17
4,4'-DDT	50-29-3	1.7	7.9	47	94	0.0033 [e]	136
4,4'- DDD	72-54-8	2.6	13	92	180	0.0033 [e]	14
Aldrin	309-00-2	0.019	0.097	0.68	1.4	0.14	0.19
alpha-BHC	319-84-6	0.097	0.48	3.4	6.8	0.04[g]	0.02
beta-BHC	319-85-7	0.072	0.36	3	14	0.6	0.09
Chlordane (alpha)	5103-71-9	0.91	4.2	24	47	1.3	2.9

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

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
delta-BHC	319-86-8	100[a]	100[a]	500[b]	1,000[c]	0.04[g]	0.25
Dibenzofuran	132-64-9	14	59	350	1,000[c]	NS	210
Dieldrin	60-57-1	0.039	0.2	1.4	2.8	0.006	0.1
Endosulfan I	959-98-8	4.8[i]	24[i]	200[i]	920[i]	NS	102
Endosulfan II	33213-65-9	4.8[i]	24[i]	200[i]	920[i]	NS	102
Endosulfan sulfate	1031-07-8	4.8[i]	24[i]	200[i]	920[i]	NS	1,000[c]
Endrin	72-20-8	2.2	11	89	410	0.014	0.06
Heptachlor	76-44-8	0.42	2.1	15	29	0.14	0.38
Lindane	58-89-9	0.28	1.3	9.2	23	6	0.1
Polychlorinated biphenyls	1336-36-3	1	1	1	25	1	3.2
Semivolatiles							
Acenaphthene	83-32-9	100[a]	100[a]	500[b]	1,000[c]	20	98
Acenapthylene	208-96-8	100[a]	100[a]	500[b]	1,000[c]	NS	107
Anthracene	120-12-7	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benz(a)anthracene	56-55-3	1[f]	1[f]	5.6	11	NS	1[f]
Benzo(a)pyrene	50-32-8	1[f]	1[f]	1[f]	1.1	2.6	22
Benzo(b)fluoranthene	205-99-2	1[f]	1[f]	5.6	11	NS	1.7
Benzo(g,h,i)perylene	191-24-2	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benzo(k)fluoranthene	207-08-9	1	3.9	56	110	NS	1.7
Chrysene	218-01-9	1[f]	3.9	56	110	NS	1[f]
Dibenz(a,h)anthracene	53-70-3	0.33[e]	0.33[e]	0.56	1.1	NS	1,000[c]
Fluoranthene	206-44-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Fluorene	86-73-7	100[a]	100[a]	500[b]	1,000[c]	30	386
Indeno(1,2,3-cd)pyrene	193-39-5	0.5[f]	0.5[f]	5.6	11	NS	8.2
m-Cresol	108-39-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
Naphthalene	91-20-3	100[a]	100[a]	500[b]	1,000[c]	NS	12

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

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
o-Cresol	95-48-7	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
p-Cresol	106-44-5	34	100[a]	500[b]	1,000[c]	NS	0.33[e]
Pentachlorophenol	87-86-5	2.4	6.7	6.7	55	0.8[e]	0.8[e]
Phenanthrene	85-01-8	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Phenol	108-95-2	100[a]	100[a]	500[b]	1,000[c]	30	0.33[e]
Pyrene	129-00-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Volatiles							
1,1,1-Trichloroethane	71-55-6	100[a]	100[a]	500[b]	1,000[c]	NS	0.68
1,1-Dichloroethane	75-34-3	19	26	240	480	NS	0.27
1,1-Dichloroethene	75-35-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33
1,2-Dichlorobenzene	95-50-1	100[a]	100[a]	500[b]	1,000[c]	NS	1.1
1,2-Dichloroethane	107-06-2	2.3	3.1	30	60	10	0.02[f]
cis-1,2-Dichloroethene	156-59-2	59	100[a]	500[b]	1,000[c]	NS	0.25
trans-1,2-Dichloroethene	156-60-5	100[a]	100[a]	500[b]	1,000[c]	NS	0.19
1,3-Dichlorobenzene	541-73-1	17	49	280	560	NS	2.4
1,4-Dichlorobenzene	106-46-7	9.8	13	130	250	20	1.8
1,4-Dioxane	123-91-1	9.8	13	130	250	0.1[e]	0.1[e]
Acetone	67-64-1	100[a]	100[b]	500[b]	1,000[c]	2.2	0.05
Benzene	71-43-2	2.9	4.8	44	89	70	0.06
Butylbenzene	104-51-8	100[a]	100[a]	500[b]	1,000[c]	NS	12
Carbon tetrachloride	56-23-5	1.4	2.4	22	44	NS	0.76
Chlorobenzene	108-90-7	100[a]	100[a]	500[b]	1,000[c]	40	1.1
Chloroform	67-66-3	10	49	350	700	12	0.37
Ethylbenzene	100-41-4	30	41	390	780	NS	1
Hexachlorobenzene	118-74-1	0.33[e]	1.2	6	12	NS	3.2
Methyl ethyl ketone	78-93-3	100[a]	100[a]	500[b]	1,000[c]	100[a]	0.12

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

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
Methyl tert-butyl ether	1634-04-4	62	100[a]	500[b]	1,000[c]	NS	0.93
Methylene chloride	75-09-2	51	100[a]	500[b]	1,000[c]	12	0.05
n-Propylbenzene	103-65-1	100[a]	100[a]	500[b]	1,000[c]	NS	3.9
sec-Butylbenzene	135-98-8	100[a]	100[a]	500[b]	1,000[c]	NS	11
tert-Butylbenzene	98-06-6	100[a]	100[a]	500[b]	1,000[c]	NS	5.9
Tetrachloroethene	127-18-4	5.5	19	150	300	2	1.3
Toluene	108-88-3	100[a]	100[a]	500[b]	1,000[c]	36	0.7
Trichloroethene	79-01-6	10	21	200	400	2	0.47
1,2,4-Trimethylbenzene	95-63-6	47	52	190	380	NS	3.6
1,3,5- Trimethylbenzene	108-67-8	47	52	190	380	NS	8.4
Vinyl chloride	75-01-4	0.21	0.9	13	27	NS	0.02
Xylene (mixed)	1330-20-7	100[a]	100[a]	500[b]	1,000[c]	0.26	1.6

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

Footnotes

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

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

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

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

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

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

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

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

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

[j] This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See TSD Table 5.6-1.

Table 1

Supplemental Soil Cleanup Objectives
(ppm)

Contaminant	CAS Number	Residential	Restricted Residential	Commercial	Industrial	Protection of Ecological Resources	Protection of Ground-water
METALS							
Aluminum	7429-90-5					10,000 [a,b]	
Antimony	7440-36-0					12[c]	
Boron	7440-42-8					0.5	
Calcium	7440-70-2					10,000 [a,b]	
Cobalt	7440-48-4	30				20	
Iron	7439-89-6	2,000					
Lithium	7439-93-2					2	
Molybdenum	7439-98-7					2	
Technetium	7440-26-8					0.2	
Thallium	7440-28-0					5[c]	
Tin	7440-31-5					50	
Uranium	7440-61-1					5	
Vanadium	7440-62-2	100[a]				39[b]	
PESTICIDES							
Biphenyl	92-52-4					60	
Chlordecone (Kepone)	143-50-0					0.06	
Dibenzofuran	132-64-9						6.2
2,4-D (2,4-Dichloro-phenoxyacetic acid)	94-75-7	100[a]					0.5
Furan	110-00-9					600	
Gamma Chlordane	5103-74-2	0.54					14
Heptachlor Epoxide	1024-57-3	0.077					0.02
Methoxychlor	72-43-5	100[a]				1.2	900

Contaminant	CAS Number	Residential	Restricted Residential	Commercial	Industrial	Protection of Ecological Resources	Protection of Ground-water
Parathion	56-38-2	100 [a]					1.2
2,4,5-T	93-76-5	100 [a]					1.9
2,3,7,8-TCDD	1746-01-6					0.000001	
2,3,7,8-TCDF	51207-31-9					0.000001	
SEMIVOLATILE ORGANIC COMPOUNDS							
Aniline	62-53-3	48	100[a]	500[a]	1000[a]		0.33[b]
Bis(2-ethylhexyl) phthalate	117-81-7	50				239	435
Benzoic Acid	65-85-0	100[a]					2.7
Butylbenzyl-phthalate	85-68-7	100 [a]					122
4-Chloroaniline	106-47-8	100 [a]					0.22
Chloroethane	75-00-3						1.9
2-Chlorophenol	95-57-8	100 [a]				0.8	
3-Chloroaniline	108-42-9					20	
3-Chlorophenol	108-43-0					7	
Di-n-butyl-phthalate	84-74-2	100 [a]				0.014	8.1
2,4-Dichlorophenol	120-83-2	100 [a]				20	0.40
3,4-Dichlorophenol	95-77-2					20	
Diethylphthalate	84-66-2	100 [a]				100	7.1
Di-*n*-hexyl-phthalate	84-75-3					0.91	
2,4-Dinitrophenol	51-28-5	100 [a]				20	0.2
Dimethylphthlate	131-11-3	100 [a]				200	27
Di-n-octylphthlate	117-84-0	100 [a]					120
1,2,3,6,7,8-HCDF	57117-44-9					0.00021	
Hexachloro-benzene	118-74-1	0.41					1.4
2,6-Dinitrotoluene	606-20-2	1.03					1.0
Isophorone	78-59-1	100 [a]					4.4

Contaminant	CAS Number	Residential	Restricted Residential	Commercial	Industrial	Protection of Ecological Resources	Protection of Ground-water
4-methyl-2-pentanone	108-10-1						1.0
2-methyl-naphthalene	91-57-6	0.41					36.4
2-Nitroaniline	88-74-4						0.4
3-Nitroaniline	99-09-2						0.5
Nitrobenzene	98-95-3	3.7	15	69	140	40	0.17[b]
2-Nitrophenol	88-75-5					7	0.3
4-Nitrophenol	100-02-7					7	0.1
Pentachloroaniline	527-20-8					100	
2,3,5,6-Tetrachloroaniline	3481-20-7					20	
2,3,4,5-Tetrachlorophenol	4901-51-3					20	
2,4,5-Trichloroaniline	636-30-6					20	
2,4,5-Trichlorophenol	95-95-4	100[a]				4	0.1
2,4,6-Trichlorophenol	88-06-2					10	
VOLATILE ORGANIC COMPOUNDS							
2-Butanone	78-93-3	100[a]					0.3
Carbon Disulfide	75-15-0	100[a]					2.7
Chloroacetamide	79-07-2					2	
Dibromochloro-methane	124-48-1					10	
2,4-Dichloro aniline	554-00-7					100	
3,4-Dichloroaniline	95-76-1					20	
1,2-Dichloropropane	78-87-5					700	
1,3-Dichloropropane	142-28-9						0.3
2,6-Dinitrotoluene	606-20-2	1.03					0.17[b]
Ethylacetate	141-78-6					48	

Contaminant	CAS Number	Residential	Restricted Residential	Commercial	Industrial	Protection of Ecological Resources	Protection of Ground-water
4-methyl-2-pentanone	108-10-1						1.0
113 Freon (1,1,2- TFE)	76-13-1	100 [a]					6
isopropylbenzene	98-82-8	100 [a]					2.3
p-isopropyltoluene	99-87-6						10
Hexachlorocyclo-pentadiene	77-47-4					10	
Methanol	67-56-1					6.5	
N-nitrosodiphenyl-amine	86-30-6					20	
Pentachloro-benzene	608-93-5					20	
Pentachloronitro-benzene	82-68-8					10	
Styrene	100-42-5					300	
1,2,3,4-Tetrachlorobenzene	634-66-2					10	
1,1,2,2-Tetrachloroethane	79-34-5	35					0.6
1,1,2,2-Tetrachloroethylene	127-18-4					2	
1,2,3-Trichlorobenzene	87-61-6					20	
1,2,4-Trichlorobenzene	120-82-1					20	3.4
1,2,3-Trichloropropane	96-18-4	80					0.34

[a] SCOs for organic contaminants (volatile organic compounds, semivolatile organic compounds, and pesticides) are capped at 100 ppm for residential use, 500 ppm for commercial use, 1000 ppm for industrial use. SCOs for metals are capped at 10,000 ppm.

[b] Based on rural background study

[c] SCO limited by contract required quantitation limit.

TABLE 5
Summary of Remaining Soil Contamination Above Unrestricted Levels

WHITESTONE ASSOCIATES, INC.
ENVIRONMENTAL & GEOTECHNICAL ENGINEERS & CONSULTANTS

SOIL CONTAMINANT
CONCENTRATION SUMMARY
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

SAMPLE DATE	July-98	October-03	March-04	December-04	January-09	February-10	NYSDEC UUSCO	NYSDEC RUCSCO	NYSDEC PGWSCO
CONTAMINANT									
PCE	1.829	ND	ND	ND	ND	ND	1.3	150	1.3
Methylene Chloride	0.136	ND	ND	ND	ND	ND	0.05	500	0.05
Acetone	NA	0.17-0.43	ND	0.276	0.083-0.19	0.054-0.15	0.05	500	0.05
Benzo[a]pyrene	NA	1.1	1.6-2.9	NA	2.0	1.8-3.9	1.0	1.0	22
Benzo[k]fluoranthene	NA	0.94	0.98	NA	ND	ND	0.8	56	1.7
Indeno[1,2,3-cd]pyrene	NA	ND	0.63-1.7	NA	ND	0.5-0.56	0.5	5.6	8.2
Benzo[a]anthracene	NA	ND	1.8-2.6	NA	ND	1.5	1.0	5.6	1.0
Benzo[b]fluoroanthene	NA	ND	1.7-2.6	NA	ND	1.1-2.2	1.0	5.6	1.7
Chrysene	NA	ND	1.9-3.2	NA	ND	1.4	1.0	56	1.0
Dibenzo[a,h]anthracene	NA	ND	0.5	NA	ND	0.47	0.33	0.56	1,000
Aluminum	NA	NA	NA	NA	11,000-13,000	12,000-14,000	10,000	10,000	~
Iron	NA	NA	NA	NA	11,000-19,000	12,000-37,000	2,000	~	2,000
Chromium	NA	NA	NA	NA	36	37-110	30	1,500	~
Mercury	NA	NA	NA	NA	ND	0.22-0.58	0.18	2.8	0.73
Lead	NA	NA	NA	NA	ND	130-230	63	1,000	450
Zinc	NA	NA	NA	NA	ND	110-250	109	10,000	2,480
Calcium	NA	NA	NA	NA	ND	13,000-33,000	10,000	~	~
p,p-DDD	NA	NA	NA	NA	ND	0.0043	0.0033	92	14

Notes:
ND = Not Detected exceeding NYSDEC UUSCO
NA = Not Analyzed
~ = No SCO
NYSDEC UUSCO = New York State Department of Environmental Conservation Unrestricted Use Soil Cleanup Objective
NYSDEC RUCSCO = New York State Department of Environmental Conservation Restricted Use Commercial Soil Cleanup Objective
NYSDEC PGWSCO = New York State Department of Environmental Conservation Protection of Groundwater Soil Cleanup Objective
All results reported in parts per million (ppm)

TABLE 8
SUMMARY OF REMAINING SOIL CONTAMINATION ABOVE UNRESTRICTED LEVELS
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

Sample Date	Sample ID	Sample Depth (fbgs)	Contaminant of Concern (Concentration)	Exceeds NYSDEC UUSCO (SCO)	Exceeds NYSDEC RUCSCO (SCO)	Exceeds NYSDEC POERSCO (SCO)	Exceeds NYSDEC POGWSCO (SCO)	Exceeds NYSDEC RURSCO (SCO)
July 1998	SB-2B (2)	7.0 - 7.5	PCE (1.829)	X (1.3)			X (1.3)	
	SB-4A (4)	2.5 - 3.0	Methylene Chloride (0.136)	X (0.05)			X (0.05)	
October 2003	S2B (SB-02)	12.0 - 14.0	Benzo[a]pyrene (1.1)	X (1)	X (1)			
			Benzo[k]fluoranthene (0.94)	X (0.8)				
	S3B (SB-03)	12.0 - 16.0	Acetone (0.43)	X (0.05)			X (0.05)	
	S4A (SB-04)	8.0 - 12.0	Acetone (0.17)	X (0.05)			X (0.05)	
March 2004	NW-1	6.5 - 7.0	Indeno[1,2,3-cd]pyrene (0.63)	X (0.5)				
	EW-1	6.5 - 7.0	Benzo[a]anthracene (1.8)	X (1)			X (1)	
			Benzo[a]pyrene (1.6)	X (1)	X (1)			
			Benzo[b]flouranthene (1.7)	X (1)				
			Chrysene (1.9)	X (1)			X (1)	
			Indeno[1,2,3-cd]pyrene (0.9)	X (0.5)				
	MW-4	4.0 - 6.0	Benzo[a]anthracene (2.9)	X (1)			X (1)	
			Benzo[a]pyrene (2.6)	X (1)	X (1)			
			Benzo[b]flouranthene (2.6)	X (1)			X (1)	

TABLE 8 (continued)
SUMMARY OF REMAINING SOIL CONTAMINATION ABOVE UNRESTRICTED LEVELS
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

Sample Date	Sample ID	Sample Depth (fbgs)	Contaminant of Concern (Concentration)	Exceeds NYSDEC UUSCO (SCO)	Exceeds NYSDEC RUCSCO (SCO)	Exceeds NYSDEC POERSCO (SCO)	Exceeds NYSDEC POGWSCO (SCO)	Exceeds NYSDEC RURSCO (SCO)
March 2004	MW-4	4.0 - 6.0	Benzo(k)flouranthene (0.98)	X (0.8)				
			Chrysene (3.2)	X (1)			X (1)	
			Dibenzo[a,h]anthracene (0.5)	X (0.33)				
			Indeno[1,2,3-cd]pyrene (1.7)	X (0.5)				
December 2004	S1 (IB1)	9.0	Acetone (0.276)	X (0.05)			X (0.05)	
January 2009	MW-5	13.5 - 14.0	Acetone (0.084)	X (0.05)			X (0.05)	
	WB-1	18.5 - 19.0	Acetone (0.083)	X (0.05)			X (0.05)	
	WB-2	15.0 - 15.5	Acetone (0.19)	X (0.05)			X (0.05)	
			Aluminum (13,000)	X (10,000)		X (10,000)		
			Iron (19,000)	X (2,000)				X (2,000)
	MW-6S	13.0 - 13.5	Iron (13,000)	X (2,000)				X (2,000)
	MW-7S	12.5 - 13.0	Aluminum (11,000)	X (10,000)		X (10,000)		
			Chromium (36)	X (30)				
			Iron (11,000)	X (2,000)				X (2,000)
	WB-3	19.5 - 20.0	Aluminum (13,000)	X (10,000)		X (10,000)		

TABLE 8 (continued)
SUMMARY OF REMAINING SOIL CONTAMINATION ABOVE UNRESTRICTED LEVELS
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

Sample Date	Sample ID	Sample Depth (fbgs)	Contaminant of Concern (Concentration)	Exceeds NYSDEC UUSCO (SCO)	Exceeds NYSDEC RUCSCO (SCO)	Exceeds NYSDEC POERSCO (SCO)	Exceeds NYSDEC POGWSCO (SCO)	Exceeds NYSDEC RURSCO (SCO)
January 2009	WB-3	19.5 - 20.0	Chromium (36)	X (30)				
			Iron (15,000)	X (2,000)				X (2,000)
	WB-4	20.0 - 20.5	Benzo[a]pyrene (2.0)	X (1)	X (1)			
February 2010	MW-8S-A	1.5 - 2.0	Benzo[a]anthracene (1.5)	X (1)			X (1)	
			Benzo[a]pyrene (1.8)	X (1)	X (1)			
			Benzo[b]flouranthene (2.2)	X (1)			X (1)	
			Chrysene (1.4)	X (1)			X (1)	
			Dibenzo[a,h]anthracene (0.47)	X (0.33)				
			Indeno[1,2,3-cd]pyrene (1.2)	X (0.5)				
			Mercury (0.58)	X (0.18)		X (0.18)		
			Lead (230)	X (63)		X (63)		
			Zinc (150)	X (109)		X (109)		
			Calcium (13,000)	X (10,000)		X (10,000)		
			Iron (14,000)	X (2,000)				X (2,000)
	MW-8S-B	13.5 - 14.0	Acetone (0.094)	X (0.05)			X (0.05)	

TABLE 8 (continued)
SUMMARY OF REMAINING SOIL CONTAMINATION ABOVE UNRESTRICTED LEVELS
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

Sample Date	Sample ID	Sample Depth (fbgs)	Contaminant of Concern (Concentration)	Exceeds NYSDEC UUSCO (SCO)	Exceeds NYSDEC RUCSCO (SCO)	Exceeds NYSDEC POERSCO (SCO)	Exceeds NYSDEC POGWSCO (SCO)	Exceeds NYSDEC RURSCO (SCO)
February 2010	MW-8S-B	13.5 - 14.0	Aluminum (14,000)	X (10,000)		X (10,000)		
			Iron (19,000)	X (2,000)				X (2,000)
	WB-5	22.5 - 23.0	Benzo[a]pyrene (3.9)	X (1)	X (1)	X (2.6)		
			Chromium (37)	X (30)				
			Aluminum (12,000)	X (10,000)		X (10,000)		
			Iron (15,000)	X (2,000)				X (2,000)
	WB-6	10.5 - 11.0	Acetone (0.088)	X (0.05)			X (0.05)	
			Chromium (40)	X (30)				
			Iron (20,000)	X (2,000)				X (2,000)
			Aluminum (14,000)	X (10,000)		X (10,000)		
	WB-7	13.0 - 13.5	Acetone (0.054)	X (0.05)			X (0.05)	
			Aluminum (13,000)	X (10,000)		X (10,000)		
	WB-8S	1.0 - 1.5	Indeno[1,2,3-cd]pyrene (0.53)	X (0.5)				
			Mercury (0.31)	X (0.18)		X (0.18)		
			Lead (130)	X (63)		X (63)		

TABLE 8 (continued)
SUMMARY OF REMAINING SOIL CONTAMINATION ABOVE UNRESTRICTED LEVELS
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

Sample Date	Sample ID	Sample Depth (fbgs)	Contaminant of Concern (Concentration)	Exceeds NYSDEC UUSCO (SCO)	Exceeds NYSDEC RUCSCO (SCO)	Exceeds NYSDEC POERSCO (SCO)	Exceeds NYSDEC POGWSCO (SCO)	Exceeds NYSDEC RURSCO (SCO)
February 2010	WB-8S	1.0 - 1.5	Zinc (110)	X (109)		X (109)		
			Calcium (33,000)	X (10,000)		X (10,000)		
			Iron (12,000)	X (2,000)				X (2,000)
	WB-8D	16.0 - 16.5	Acetone (0.091)	X (0.05)			X (0.05)	
			Mercury (0.22)	X (0.18)		X (0.18)		
			Iron (18,000)	X (2,000)				X (2,000)
	WB-9	20.0 - 20.5	Iron (19,000)	X (2,000)				X (2,000)
	ST-1S	1.5 - 2.0	Acetone (0.15)	X (0.05)			X (0.05)	
			Benzo[b]flouranthene (1.1)	X (1)				
			Indeno[1,2,3-cd]pyrene (0.56)	X (0.5)				
			Mercury (0.24)	X (0.18)		X (0.18)		
			Chromium (110)	X (30)		X (41)		
			Lead (230)	X (63)		X (63)		
			Zinc (250)	X (109)		X (109)		
			Calcium (15,000)	X (10,000)		X (10,000)		

TABLE 8 (continued)
SUMMARY OF REMAINING SOIL CONTAMINATION ABOVE UNRESTRICTED LEVELS
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

Sample Date	Sample ID	Sample Depth (fbgs)	Contaminant of Concern (Concentration)	Exceeds NYSDEC UUSCO (SCO)	Exceeds NYSDEC RUCSCO (SCO)	Exceeds NYSDEC POERSCO (SCO)	Exceeds NYSDEC POGWSCO (SCO)	Exceeds NYSDEC RURSCO (SCO)
February 2010	ST-1S	1.5 - 2.0	Iron (37,000)	X (2,000)				X (2,000)
			p,p'-DDD (0.0043)	X (0.0033)		X (0.0033)		
	ST-1D	7.5 - 8.0	Acetone (0.11)	X (0.05)			X (0.05)	
			Iron (17,000)	X (2,000)				X (2,000)

Notes:

Soil analytical results from previous investigations have been compiled and compared to NYSDEC Part 375 SCOs. Only exceedances of NYSDEC Part 375 SCOs are included in this table. Contaminant concentrations and SCOs report in parts per million (ppm).

NYSDEC	New York State Department of Environmental Conservation
NYSDEC UUSCO	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective
NYSDEC RUCSCO	NYSDEC Part 375 Restricted Use Commercial Soil Cleanup Objective
NYSDEC POERSCO	NYSDEC Part 375 Protection of Ecological Resources Soil Cleanup Objective
NYSDEC POGWSCO	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objective
NYSDEC RURSCO	NYSDEC Restricted Use Residential Soil Cleanup Objective
fbgs	feet below ground surface
( )	Boring Location, Shown in Parenthesis
PCE	Tetrachloroethene

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TABLE 6
Criteria for On-Site Reuse of Excavated Material

TABLE 6
CRITERIA FOR ON-SITE REUSE OF EXCAVATED MATERIAL
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

Soil on the Site Meets:	Reuse on the Site:	Off-Site Export & Reuse:
Unrestricted Use SCOs	Without restrictions	Without restrictions
Meets the Applicable Use-Based and Groundwater Protection SCO at a Site with an IC and SMP	In the soil cover/cap or as backfill within the area of the site subject to the IC	Not Allowed, unless going to a site with an IC subject to a 6 NYCRR Part 360 Beneficial Use Determination (BUD).
Meets Site-Specific Background Soil Levels (not applicable)	Without restrictions	Not Allowed, unless going to a site with an IC subject to a 6 NYCRR Part 360 BUD.
Metals Site-Specific Cleanup Goals for Subsurface Soil	Placement below the soil cover/cap within the area of the site subject to the IC	Not Allowed, unless going to a site with an IC subject to a 6 NYCRR Part 360 BUD.

Notes:
SCOs - Soil Cleanup Objectives
IC - Institutional Control
SMP - Site Management Plan

TABLE 7
Criteria for Imported and Exported Soils

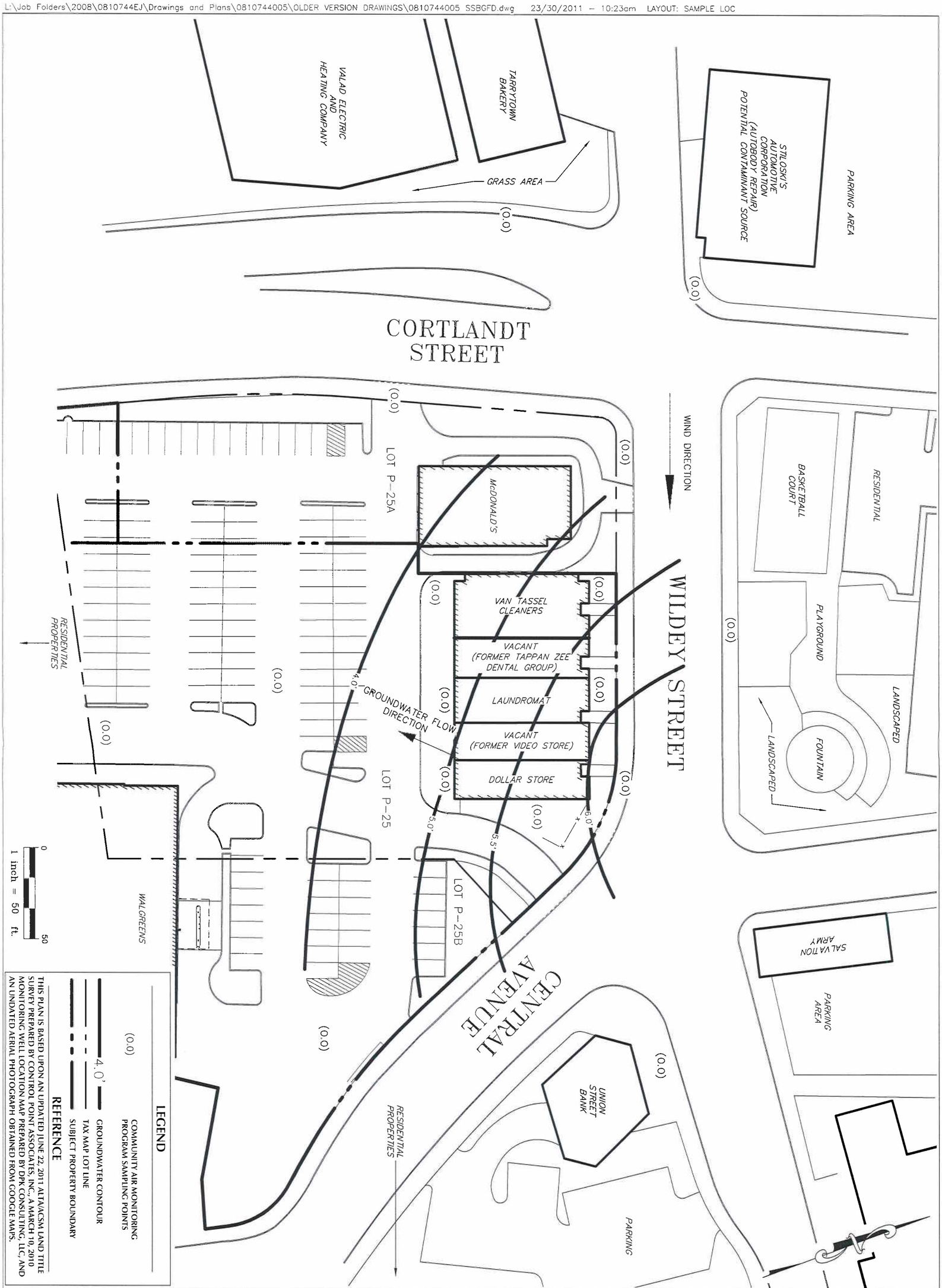
TABLE 7
CRITERIA FOR IMPORTED AND EXPORTED SOILS
River Plaza Shopping Center
124 to 134 Wildey Street
Tarrytown, Westchester County, New York

Contaminant	**VOCs**	**SVOCs, Inorganics, & PCBs/Pesticides**
Soil Quantity (cubic yards)	**Discrete Samples**	**Composite Samples***
0-50	1	1
50-100	2	1
100-200	3	1
200-300	4	1
300-400	4	2
400-500	5	2
500-800	6	2
800-1000	7	2
>1000	Add an additional two VOC and one composite for each additional 1000 cubic yards of soil or consult with NYSDEC	

Notes:
VOCs - volatile organic compounds
SVOCs - semi-volatile organic compounds
PCBs - polychlorinated biphenyls
DER - NYSDEC New York Department of Environmental Conservation
* - Three to five discrete samples from different locations in the material will comprise a composite sample for analyses.

FIGURE 1
Figure of Site, Site Boundaries, Community Air Monitoring, and Groundwater Flow Direction

L:\Job Folders\2008\0810744EJ\Drawings and Plans\0810744005\OLDER VERSION DRAWINGS\0810744005 SSBGFD.dwg 23/30/2011 - 10:23am LAYOUT: SAMPLE LOC



LEGEND

- (0.0) COMMUNITY AIR MONITORING PROGRAM SAMPLING POINTS
- 4.0' GROUNDWATER CONTOUR
- TAX MAP LOT LINE
- SUBJECT PROPERTY BOUNDARY

REFERENCE

THIS PLAN IS BASED UPON AN UPDATED JUNE 22, 2011 ALTA/ACSM LAND TITLE SURVEY PREPARED BY CONTROL POINT ASSOCIATES, INC., A MARCH 10, 2010 MONITORING WELL LOCATION MAP PREPARED BY DPK CONSULTING, LLC, AND AN UNDATED AERIAL PHOTOGRAPH OBTAINED FROM GOOGLE MAPS.

TITLE: FIGURE OF SITE, SITE BOUNDARIES, COMMUNITY AIR MONITORING, AND GROUNDWATER FLOW DIRECTION

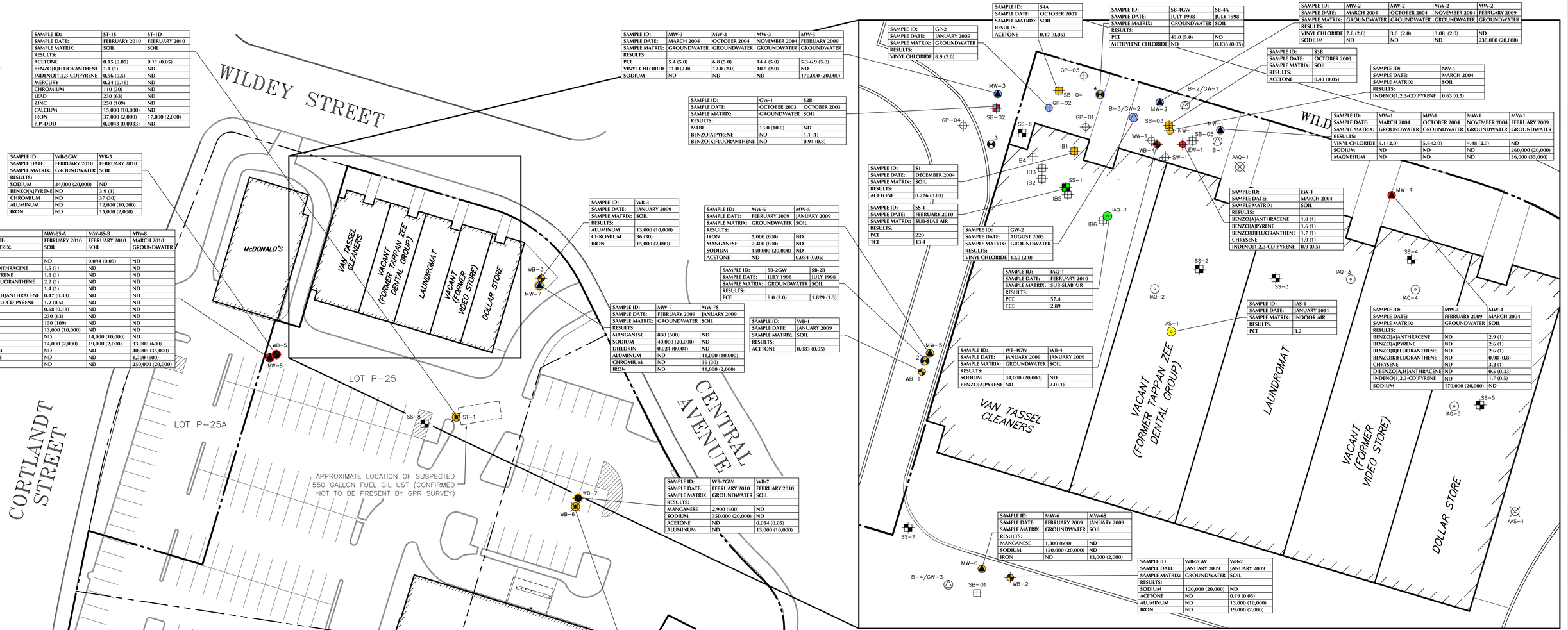
CLIENT: ACADIA TARRYTOWN, LLC

WHITESTONE ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 • 908.754.5936 FAX

PROJECT: RIVER PLAZA SHOPPING CENTER
124 TO 134 WILDEY STREET
TARRYTOWN, WESTCHESTER COUNTY, NEW YORK

PROJECT #:	BY:	PROJ. MGR.:	DATE:	SCALE:	FIGURE:
EJ0810744.005	RP	CS	4/13/11	1" = 50'	1

FIGURE 2
Remedial Investigation Soil, Groundwater, and Soil Vapor Contamination Summary



SAMPLE ID:	ST-1S	ST-1D
SAMPLE DATE:	FEBRUARY 2010	FEBRUARY 2010
SAMPLE MATRIX:	SOIL	SOIL
RESULTS:		
ACETONE	0.15 (0.05)	0.11 (0.05)
BENZO[B]FLUORANTHENE	1.1 (1)	ND
INDENO[1,2,3-CD]PYRENE	0.56 (0.5)	ND
MERCURY	0.24 (0.18)	ND
CHROMIUM	110 (30)	ND
LEAD	230 (63)	ND
ZINC	250 (109)	ND
CALCIUM	15,000 (10,000)	ND
IRON	37,000 (2,000)	17,000 (2,000)
P,P'-DDD	0.0043 (0.0033)	ND

SAMPLE ID:	WB-5GW	WB-5
SAMPLE DATE:	FEBRUARY 2010	FEBRUARY 2010
SAMPLE MATRIX:	GROUNDWATER	SOIL
RESULTS:		
SODIUM	34,000 (20,000)	ND
BENZO[A]PYRENE	ND	3.9 (1)
CHROMIUM	ND	37 (30)
ALUMINUM	ND	12,000 (10,000)
IRON	ND	15,000 (2,000)

SAMPLE ID:	MW-8S-A	MW-8S-B	MW-8
SAMPLE DATE:	FEBRUARY 2010	FEBRUARY 2010	MARCH 2010
SAMPLE MATRIX:	SOIL	SOIL	GROUNDWATER
RESULTS:			
ACETONE	ND	0.094 (0.05)	ND
BENZO[A]ANTHRACENE	1.5 (1)	ND	ND
BENZO[A]PYRENE	1.8 (1)	ND	ND
BENZO[B]FLUORANTHENE	2.2 (1)	ND	ND
CHRYSENE	1.4 (1)	ND	ND
DIBENZO[A,H]ANTHRACENE	0.47 (0.33)	ND	ND
INDENO[1,2,3-CD]PYRENE	1.2 (0.5)	ND	ND
MERCURY	0.58 (0.18)	ND	ND
LEAD	230 (63)	ND	ND
ZINC	150 (109)	ND	ND
CALCIUM	13,000 (10,000)	ND	ND
ALUMINUM	ND	14,000 (10,000)	ND
IRON	14,000 (2,000)	19,000 (2,000)	33,000 (600)
MAGNESIUM	ND	ND	40,000 (35,000)
MANGANESE	ND	ND	1,700 (600)
SODIUM	ND	ND	250,000 (20,000)

SAMPLE ID:	MW-3	MW-3	MW-3	MW-3
SAMPLE DATE:	MARCH 2004	OCTOBER 2004	NOVEMBER 2004	FEBRUARY 2009
SAMPLE MATRIX:	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
RESULTS:				
PCE	5.4 (5.0)	6.8 (5.0)	14.4 (5.0)	5.3-6.9 (5.0)
VINYL CHLORIDE	11.0 (2.0)	12.0 (2.0)	10.5 (2.0)	ND
SODIUM	ND	ND	ND	170,000 (20,000)

SAMPLE ID:	GW-1	S2B
SAMPLE DATE:	OCTOBER 2003	OCTOBER 2003
SAMPLE MATRIX:	GROUNDWATER	SOIL
RESULTS:		
MTBE	13.0 (10.0)	ND
BENZO[A]PYRENE	ND	1.1 (1)
BENZO[K]FLUORANTHENE	ND	0.94 (0.8)

SAMPLE ID:	WB-3
SAMPLE DATE:	JANUARY 2009
SAMPLE MATRIX:	SOIL
RESULTS:	
ALUMINUM	13,000 (10,000)
CHROMIUM	36 (30)
IRON	15,000 (2,000)

SAMPLE ID:	MW-5	MW-5
SAMPLE DATE:	FEBRUARY 2009	JANUARY 2009
SAMPLE MATRIX:	GROUNDWATER	SOIL
RESULTS:		
IRON	5,000 (600)	ND
MANGANESE	2,400 (600)	ND
SODIUM	150,000 (20,000)	ND
ACETONE	ND	0.084 (0.05)

SAMPLE ID:	SB-2GW	SB-2B
SAMPLE DATE:	JULY 1998	JULY 1998
SAMPLE MATRIX:	GROUNDWATER	SOIL
RESULTS:		
PCE	8.0 (5.0)	1.829 (1.3)

SAMPLE ID:	MW-7	MW-7S
SAMPLE DATE:	FEBRUARY 2009	JANUARY 2009
SAMPLE MATRIX:	GROUNDWATER	SOIL
RESULTS:		
MANGANESE	880 (600)	ND
SODIUM	40,000 (20,000)	ND
DIELDRIN	0.024 (0.004)	ND
ALUMINUM	ND	11,000 (10,000)
CHROMIUM	ND	36 (30)
IRON	ND	11,000 (2,000)

SAMPLE ID:	WB-1
SAMPLE DATE:	JANUARY 2009
SAMPLE MATRIX:	SOIL
RESULTS:	
ACETONE	0.083 (0.05)

SAMPLE ID:	WB-7GW	WB-7
SAMPLE DATE:	FEBRUARY 2010	FEBRUARY 2010
SAMPLE MATRIX:	GROUNDWATER	SOIL
RESULTS:		
MANGANESE	2,900 (600)	ND
SODIUM	350,000 (20,000)	ND
ACETONE	ND	0.054 (0.05)
ALUMINUM	ND	13,000 (10,000)

SAMPLE ID:	WB-9GW	WB-9
SAMPLE DATE:	FEBRUARY 2010	FEBRUARY 2010
SAMPLE MATRIX:	GROUNDWATER	SOIL
RESULTS:		
IRON	760 (600)	19,000 (2,000)
MAGNESIUM	57,000 (35,000)	ND
MANGANESE	1,100 (600)	ND
SODIUM	350,000 (20,000)	ND

SAMPLE ID:	WB-6GW	WB-6
SAMPLE DATE:	FEBRUARY 2010	FEBRUARY 2010
SAMPLE MATRIX:	GROUNDWATER	SOIL
RESULTS:		
MANGANESE	1,400 (600)	ND
SODIUM	400,000 (20,000)	ND
ACETONE	ND	0.088 (0.05)
CHROMIUM	ND	40 (30)
ALUMINUM	ND	14,000 (10,000)
IRON	ND	20,000 (2,000)

SAMPLE ID:	WB-8GW	WB-8S	WB-8D
SAMPLE DATE:	FEBRUARY 2010	FEBRUARY 2010	FEBRUARY 2010
SAMPLE MATRIX:	GROUNDWATER	SOIL	SOIL
RESULTS:			
INDENO[1,2,3-CD]PYRENE	ND	0.53 (0.5)	ND
MERCURY	ND	0.31 (0.18)	0.22 (0.18)
LEAD	ND	130 (63)	ND
ZINC	ND	110 (109)	ND
CALCIUM	ND	33,000 (10,000)	ND
IRON	ND	12,000 (2,000)	18,000 (2,000)
ACETONE	ND	ND	0.091 (0.05)
MAGNESIUM	62,000 (35,000)	ND	ND
MANGANESE	1,100 (600)	ND	ND
SODIUM	410,000 (20,000)	ND	ND

SAMPLE ID:	GP-2
SAMPLE DATE:	JANUARY 2005
SAMPLE MATRIX:	GROUNDWATER
RESULTS:	
VINYL CHLORIDE	8.9 (2.0)

SAMPLE ID:	S4A
SAMPLE DATE:	OCTOBER 2003
SAMPLE MATRIX:	SOIL
RESULTS:	
ACETONE	0.17 (0.05)

SAMPLE ID:	SB-4GW	SB-4A
SAMPLE DATE:	JULY 1998	JULY 1998
SAMPLE MATRIX:	GROUNDWATER	SOIL
RESULTS:		
PCE	43.0 (5.0)	ND
METHYLENE CHLORIDE	ND	0.136 (0.05)

SAMPLE ID:	MW-2	MW-2	MW-2	MW-2
SAMPLE DATE:	MARCH 2004	OCTOBER 2004	NOVEMBER 2004	FEBRUARY 2009
SAMPLE MATRIX:	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
RESULTS:				
VINYL CHLORIDE	7.8 (2.0)	3.0 (2.0)	3.08 (2.0)	ND
SODIUM	ND	ND	ND	230,000 (20,000)

SAMPLE ID:	S3B
SAMPLE DATE:	OCTOBER 2003
SAMPLE MATRIX:	SOIL
RESULTS:	
ACETONE	0.43 (0.05)

SAMPLE ID:	NW-1
SAMPLE DATE:	MARCH 2004
SAMPLE MATRIX:	SOIL
RESULTS:	
INDENO[1,2,3-CD]PYRENE	0.63 (0.5)

SAMPLE ID:	MW-1	MW-1	MW-1	MW-1
SAMPLE DATE:	MARCH 2004	OCTOBER 2004	NOVEMBER 2004	FEBRUARY 2009
SAMPLE MATRIX:	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
RESULTS:				
VINYL CHLORIDE	5.1 (2.0)	5.6 (2.0)	4.48 (2.0)	ND
SODIUM	ND	ND	ND	260,000 (20,000)
MAGNESIUM	ND	ND	ND	36,000 (35,000)

SAMPLE ID:	S1
SAMPLE DATE:	DECEMBER 2004
SAMPLE MATRIX:	SOIL
RESULTS:	
ACETONE	0.276 (0.05)

SAMPLE ID:	SS-1
SAMPLE DATE:	FEBRUARY 2010
SAMPLE MATRIX:	SUB-SLAB AIR
RESULTS:	
PCE	220
TCE	13.4

SAMPLE ID:	GW-2
SAMPLE DATE:	AUGUST 2003
SAMPLE MATRIX:	GROUNDWATER
RESULTS:	
VINYL CHLORIDE	13.0 (2.0)

SAMPLE ID:	EW-1
SAMPLE DATE:	MARCH 2004
SAMPLE MATRIX:	SOIL
RESULTS:	
BENZO[A]ANTHRACENE	1.8 (1)
BENZO[A]PYRENE	1.6 (1)
BENZO[B]FLUORANTHENE	1.7 (1)
CHRYSENE	1.9 (1)
INDENO[1,2,3-CD]PYRENE	0.9 (0.5)

SAMPLE ID:	IAQ-1
SAMPLE DATE:	FEBRUARY 2010
SAMPLE MATRIX:	SUB-SLAB AIR
RESULTS:	
PCE	57.4
TCE	2.89

SAMPLE ID:	IAS-1
SAMPLE DATE:	JANUARY 2011
SAMPLE MATRIX:	INDOOR AIR
RESULTS:	
PCE	3.2

SAMPLE ID:	MW-4	MW-4
SAMPLE DATE:	FEBRUARY 2009	MARCH 2004
SAMPLE MATRIX:	GROUNDWATER	SOIL
RESULTS:		
BENZO[A]ANTHRACENE	ND	2.9 (1)
BENZO[A]PYRENE	ND	2.6 (1)
BENZO[B]FLUORANTHENE	ND	2.6 (1)
BENZO[K]FLUORANTHENE	ND	0.98 (0.8)
CHRYSENE	ND	3.2 (1)
DIBENZO[A,H]ANTHRACENE	ND	0.5 (0.33)
INDENO[1,2,3-CD]PYRENE	ND	1.7 (0.5)
SODIUM	170,000 (20,000)	ND

SAMPLE ID:	WB-4GW	WB-4
SAMPLE DATE:	JANUARY 2009	JANUARY 2009
SAMPLE MATRIX:	GROUNDWATER	SOIL
RESULTS:		
SODIUM	34,000 (20,000)	ND
BENZO[A]PYRENE	ND	2.0 (1)

SAMPLE ID:	MW-6	MW-6S
SAMPLE DATE:	FEBRUARY 2009	JANUARY 2009
SAMPLE MATRIX:	GROUNDWATER	SOIL
RESULTS:		
MANGANESE	1,300 (600)	ND
SODIUM	150,000 (20,000)	ND
IRON	ND	13,000 (2,000)

SAMPLE ID:	WB-2GW	WB-2
SAMPLE DATE:	JANUARY 2009	JANUARY 2009
SAMPLE MATRIX:	GROUNDWATER	SOIL
RESULTS:		
SODIUM	120,000 (20,000)	ND
ACETONE	ND	0.19 (0.05)
ALUMINUM	ND	13,000 (10,000)
IRON	ND	19,000 (2,000)

FORMER BORING LOCATIONS BY OTHERS

GRAPHIC SCALE

(IN FEET)

1 inch = 30 ft.

1 inch = 10 ft.

LEGEND

- MW-1 — MONITOR WELL LOCATION
- WB-1 — WAI BORING LOCATION (APPROX.)
- WB-5 — WAI DEEP BORING LOCATION (APPROX.)
- WB-6 — WAI SHALLOW BORING LOCATION (APPROX.)
- SS-1 — SUB-SLAB SOIL VAPOR/SOIL GAS SAMPLE LOCATION (APPROX.)
- IAQ-1/IAS-1 — INDOOR AIR SAMPLE LOCATION (APPROX.)
- AAQ-1/AAS-1 — AMBIENT AIR SAMPLE LOCATION (APPROX.)
- ATC BORING LOCATION (APPROX.)
- JRH BORING LOCATION (APPROX.)
- PSI BORING LOCATION (APPROX.)
- CNS BORING LOCATION (APPROX.)
- SOIL SAMPLES EXCEEDING NYSDEC UUSCOS
- SOIL SAMPLES EXCEEDING NYSDEC UUSCOS AND RUCSCOS
- SUB-SLAB OR INDOOR AIR SAMPLE EXCEEDING NYSDOH STANDARD REQUIRING MITIGATION
- INDOOR AIR SAMPLE EXCEEDING NYSDOH STANDARD REQUIRING MONITORING
- GROUNDWATER SAMPLES EXCEEDING NYSDEC TOGS WQS
- SUBJECT PROPERTY BOUNDARY
- TAX MAP LOT LINE

NOTES

RESULTS SHOW COMPOUNDS EXCEEDING NYSDEC UUSCOs OR TOGS WQS ONLY. STANDARDS SHOWN IN PARENTHESIS.

ALL SOIL RESULTS REPORTED IN PARTS PER MILLION.

ALL AIR RESULTS REPORTED IN MICROGRAMS PER CUBIC METER.

ALL GROUNDWATER RESULTS REPORTED IN PARTS PER BILLION.

NYSDEC UUSCOS	NYSDEC PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
NYSDEC RUCSCOS	NYSDEC PART 375 RESTRICTED USE COMMERCIAL SOIL CLEANUP OBJECTIVES
NYSDEC TOGS WQS	NYSDEC TECHNICAL AND OPERATIONAL GUIDANCE SERIES (1.1.1) WATER QUALITY STANDARDS
TCE	TRICHLOROETHENE
PCE	TETRACHLOROETHENE
ND	NOT DETECTED EXCEEDING NYSDEC UUSCO OR TOGS WQS

METALS EXCEEDANCES IDENTIFIED IN FILTERED GROUNDWATER SAMPLES COLLECTED FROM BORINGS WB-2, WB-4, WB-5, WB-6, WB-7, WB-8, AND WB-9 AS WELL AS FROM MONITOR WELLS MW-1 THROUGH MW-7 ARE NOT DEPICTED IN COLOR CODE. THESE METALS CONCENTRATIONS ARE BELIEVED TO BE NATURALLY OCCURRING AT THE SITE.

REFERENCE

THIS PLAN IS BASED UPON AN UPDATED JUNE 22, 2011 ALTA/ACSM LAND TITLE SURVEY PREPARED BY CONTROL POINT ASSOCIATES, INC. AND A MARCH 10, 2009 MONITORING WELL LOCATION MAP PREPARED BY DPK CONSULTING, LLC.

TITLE: **REMEDIAL INVESTIGATION SOIL, GROUNDWATER, AND SOIL VAPOR CONTAMINATION SUMMARY**

CLIENT: ACADIA TARRYTOWN, LLC

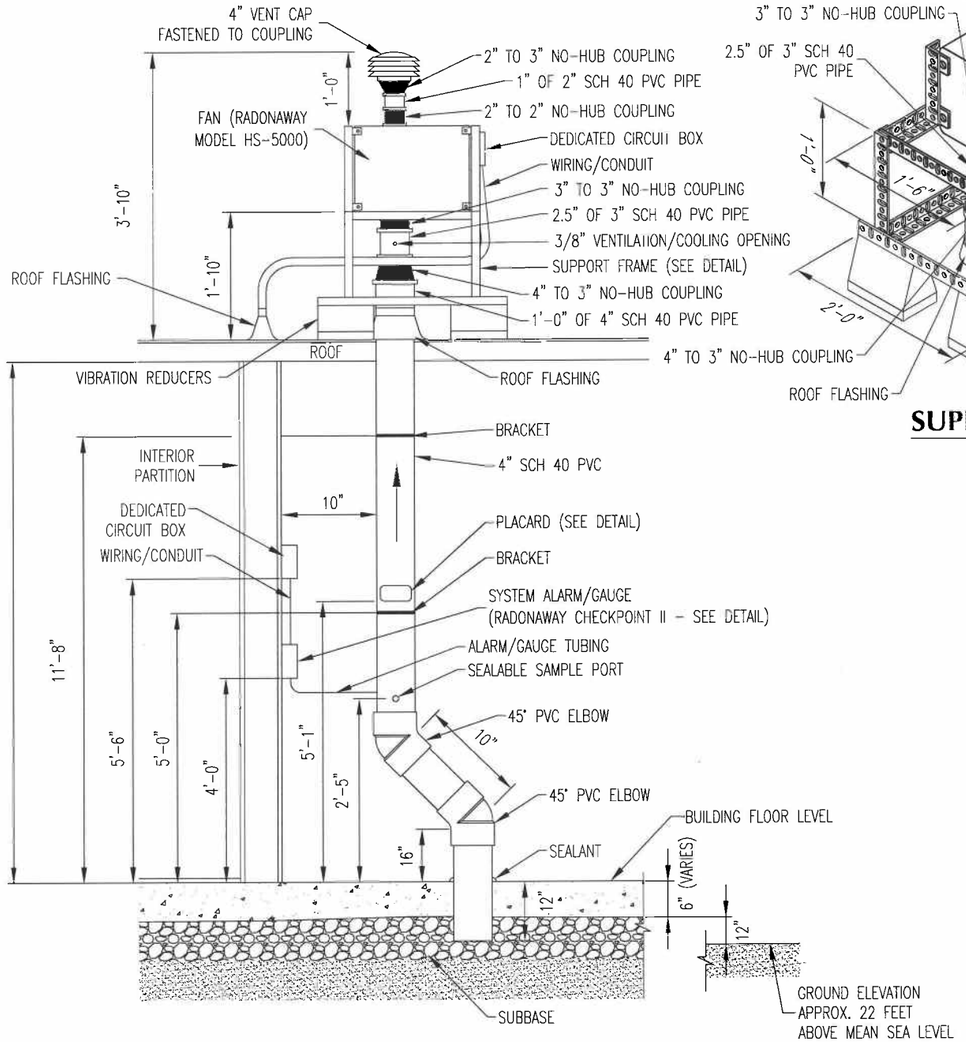
PROJECT: RIVER PLAZA SHOPPING CENTER
124 TO 134 WILDEY STREET
TARRYTOWN, WESTCHESTER COUNTY, NEW YORK

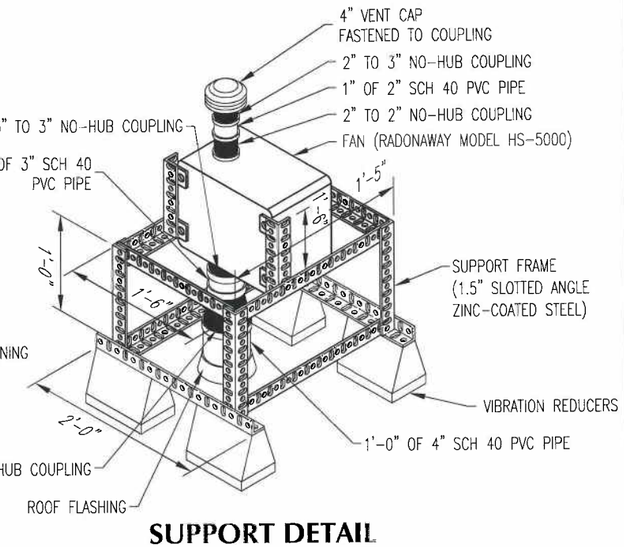
WHITESTONE ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 • 908.754.5936 FAX

PROJECT #:	BY:	PROJ. MGR.:	DATE:	SCALE:	FIGURE:
EJ0810744.005	RP	CS	4/20/11	1" = 30'	2

C:\Documents and Settings\Vpadley\Local Settings\Temporary Internet Files\OLK35\081074005 RIVERWOCS FIGURE 2.dwg 5/24/2011 - 10:57am LAYOUT: 24X36

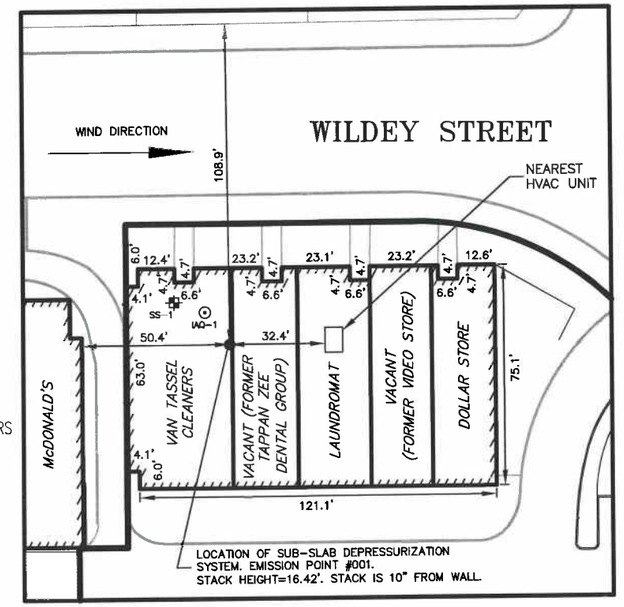
FIGURE 3
Location of Remedial Treatment System (SSDS) and Soil Vapor Concern





SUPPORT DETAIL

SCALE: N.T.S.



SYSTEM LOCATION PLAN

SCALE: 1" = 50'

SUB-SLAB AND INDOOR AIR SAMPLE LOCATIONS
WHICH IDENTIFY SOIL VAPOR CONCERN

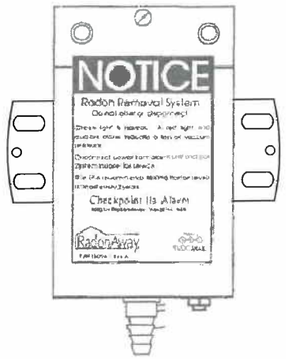
CAUTION

This is a component of an active soil depressurization system
Do not alter or disconnect

Whitestone Associates, Inc. (908) 668-7777

PLACARD DETAIL

SCALE: N.T.S.



SYSTEM ALARM/GAUGE DETAIL

SCALE: N.T.S.

NOTES:

1. SSDS PIPE AT LEAST 10 FEET AWAY FROM ANY OPENING OR INTAKE THAT IS LESS THAN 24 INCHES BELOW THE SSDS'S EXHAUST POINT.
2. PVC CONNECTIONS IN THE INTERIOR ARE GLUED.
3. MAXIMUM FLOW RATE OF SSDS IS 53 CUBIC FEET PER MINUTE.
4. SSDS SHOWN TO ILLUSTRATE DETAILS. 45° ANGLE OF SSDS PIPING IS PARALLEL TO INTERIOR PARTITION.

KEITH T. D'AMBROSIO
STATE OF NEW YORK
PROFESSIONAL ENGINEER
NEW YORK LICENSE No. 076095

WHITESTONE ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 • 908.754.5936 FAX

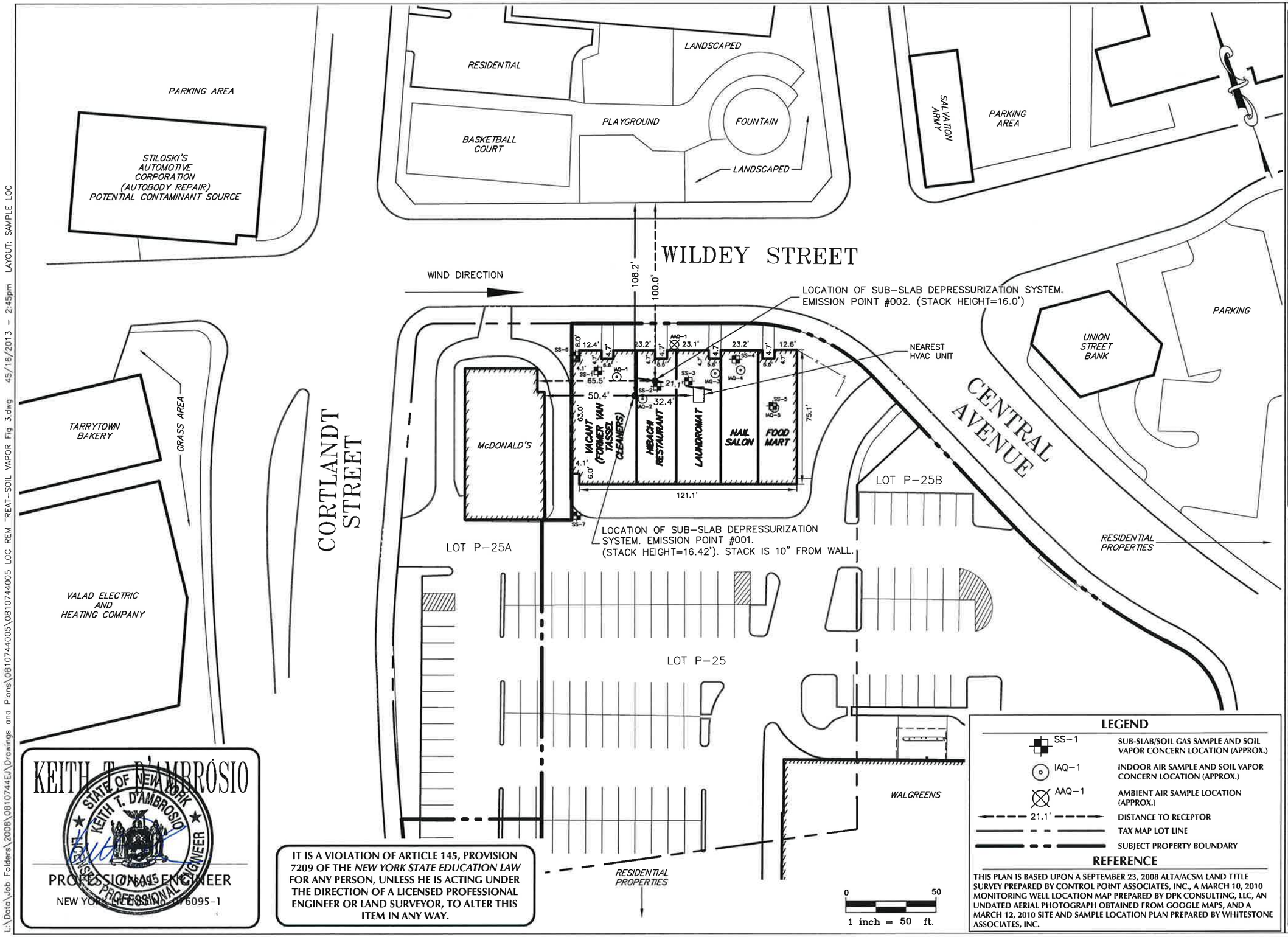
FIGURE:	3
SCALE:	AS SHOWN
DATE:	4/20/11
PROJ. MGR.:	CS
BY:	RP
PROJECT #:	EJ0810744.005

TITLE: **LOCATION OF REMEDIAL TREATMENT SYSTEM (SSDS) AND SOIL VAPOR CONCERN**

CLIENT: ACADIA TARRYTOWN, LLC

PROJECT: RIVER PLAZA SHOPPING CENTER
124 TO 134 WILDEY STREET
TARRYTOWN, WESTCHESTER COUNTY, NEW YORK

L:\Job Folders\2008\08107444EJ\Drawings and Plans\08107444005\OLDER VERSION DRAWINGS\08107444005 FIGURE 3.dwg 06/13/2011 - 11:06am LAYOUT: 1117-BLP



LEGEND

SS-1	SUB-SLAB/SOIL GAS SAMPLE AND SOIL VAPOR CONCERN LOCATION (APPROX.)
IAQ-1	INDOOR AIR SAMPLE AND SOIL VAPOR CONCERN LOCATION (APPROX.)
AAQ-1	AMBIENT AIR SAMPLE LOCATION (APPROX.)
21.1'	DISTANCE TO RECEPTOR
	TAX MAP LOT LINE
	SUBJECT PROPERTY BOUNDARY

REFERENCE

THIS PLAN IS BASED UPON A SEPTEMBER 23, 2008 ALTA/ACSM LAND TITLE SURVEY PREPARED BY CONTROL POINT ASSOCIATES, INC., A MARCH 10, 2010 MONITORING WELL LOCATION MAP PREPARED BY DPK CONSULTING, LLC, AN UNDATED AERIAL PHOTOGRAPH OBTAINED FROM GOOGLE MAPS, AND A MARCH 12, 2010 SITE AND SAMPLE LOCATION PLAN PREPARED BY WHITESTONE ASSOCIATES, INC.

KEITH T. D'AMBROSIO
STATE OF NEW YORK
KEITH T. D'AMBROSIO
075095
LICENSED PROFESSIONAL ENGINEER
PROFESSIONAL ENGINEER
NEW YORK LICENSE NO. 075095-1

IT IS A VIOLATION OF ARTICLE 145, PROVISION 7209 OF THE *NEW YORK STATE EDUCATION LAW* FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS ITEM IN ANY WAY.

WHITESTONE ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 • 908.754.5936 FAX

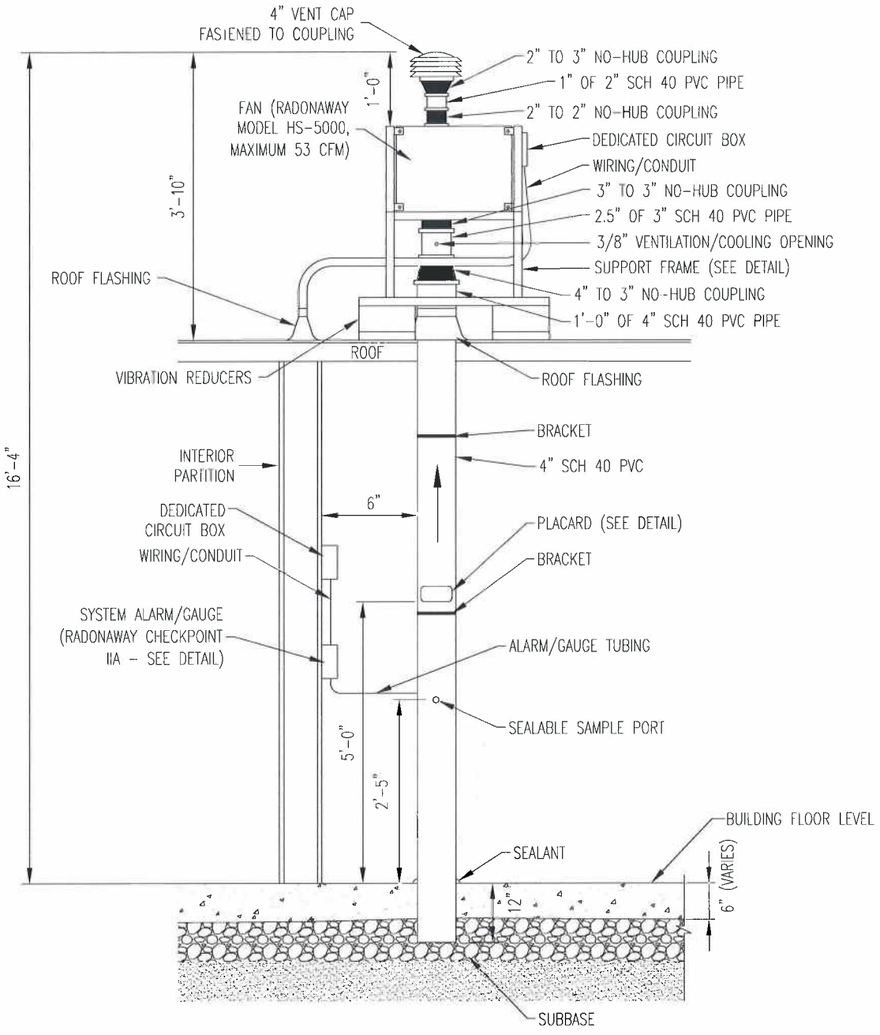
PROJECT #: EJ08107744.005	BY: KR	PROJ. MGR.: CS	DATE: 04/16/13	SCALE: 1" = 50'	FIGURE: 3

TITLE: **LOCATION OF REMEDIAL TREATMENT SYSTEMS (SSDSs) AND SOIL VAPOR CONCERN**

CLIENT: ACADIA TARRYTOWN, LLC

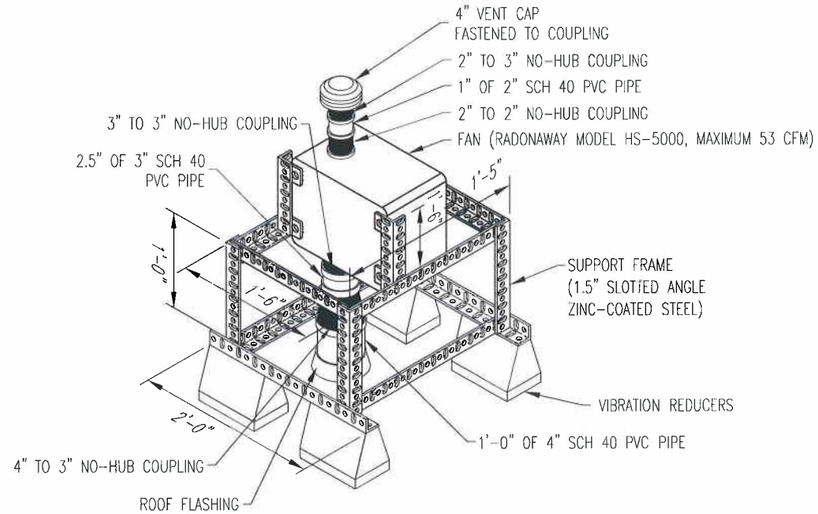
PROJECT: RIVER PLAZA SHOPPING CENTER
124 TO 134 WILDEY STREET HIBACHI RESTAURANT
TARRYTOWN, WESTCHESTER COUNTY, NEW YORK

L:\Data\Job Folders\2008\08107744\Drawings and Plans\08107744005\08107744005 LOC REM TREAT-SOIL VAPOR Fig 3.dwg 45/16/2013 - 2:45pm LAYOUT: SAMPLE LOC



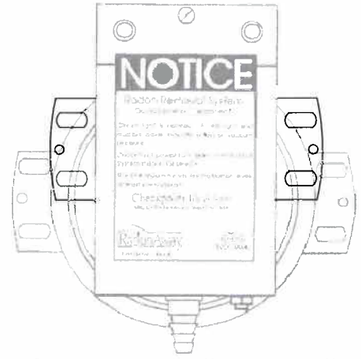
SSDS DETAIL

SCALE: N.T.S.



SUPPORT DETAIL

SCALE: N.T.S.



RADONAWAY CHECKPOINT IIA ACTIVATES AT 0.25" WC
INSTALL PER MANUFACTURE'S RECOMMENDATIONS/SPECIFICATIONS

SYSTEM ALARM/GAUGE DETAIL

SCALE: N.T.S.

CAUTION

This is a component of an active soil depressurization system
Do not alter or disconnect

Whitestone Associates, Inc. (908) 668-7777

PLACARD DETAIL

SCALE: N.T.S.

NOTES:

1. SSDS PIPE AT LEAST 10 FEET AWAY FROM ANY OPENING OR INTAKE THAT IS LESS THAN 24 INCHES BELOW THE SSDS'S EXHAUST POINT.
2. PVC CONNECTIONS IN THE INTERIOR ARE GLUED.
3. THE RADONAWAY MODEL HS-5000 FAN HAS A MAXIMUM CAPACITY OF 53 CUBIC FEET PER MINUTE (CFM).

SSDS - SUB-SLAB DEPRESSURIZATION SYSTEM
WC - WATER COLUMN

IT IS A VIOLATION OF ARTICLE 145, PROVISION 7209 OF THE *NEW YORK STATE EDUCATION LAW* FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS ITEM IN ANY WAY.

KEITH T. D'AMBROSIO
STATE OF NEW YORK
KEITH T. D'AMBROSIO
PROFESSIONAL ENGINEER
PROFESSIONAL ENGINEER
NEW YORK LICENSE NO. 076095-1

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35 TECHNOLOGY DRIVE
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FIGURE:	3B
SCALE:	AS SHOWN
DATE:	04/11/13
PROJ. MGR.:	CS
BY:	KR
PROJECT #:	EJ0810744.006

TITLE: SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS) AS-BUILT PLAN

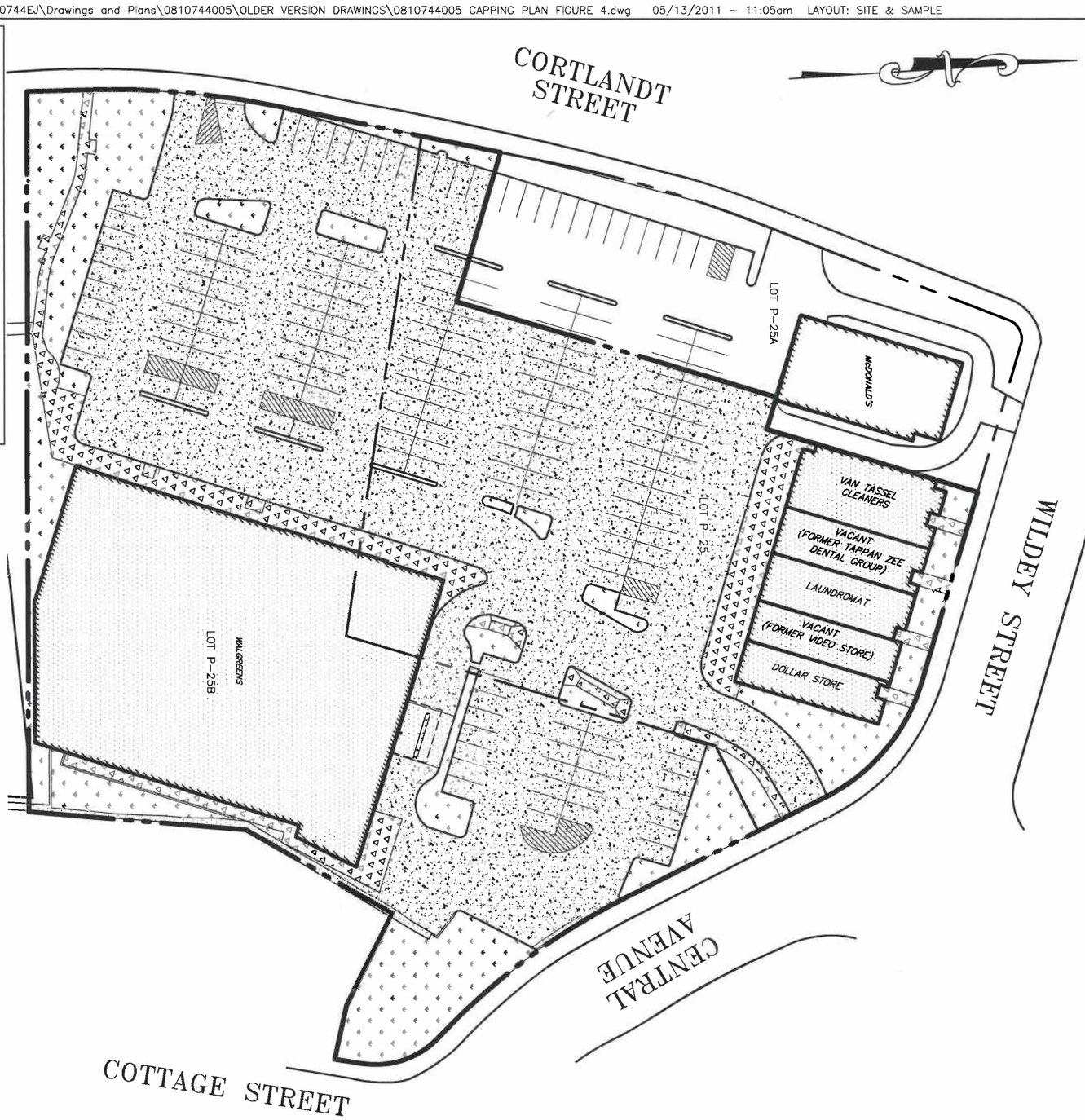
CLIENT: ACADIA TARRYTOWN, LLC

PROJECT: RIVER PLAZA SHOPPING CENTER
124 TO 134 WILDEY STREET HIBACHI RESTAURANT
TARRYTOWN, WESTCHESTER COUNTY, NEW YORK

L:\Data\Job Folders\2008\0810744EJ\Drawings and Plans\0810744006\0810744006 SSDS ASBUILT PLAN FIG 3B.dwg 02/11/2013 - 5:02pm LAYOUT: 1117-BLP

FIGURE 4
Location of Cover System Types

L:\Job Folders\2008\0810744EJ\Drawings and Plans\0810744005\OLDER VERSION DRAWINGS\0810744005 CAPPING PLAN FIGURE 4.dwg 05/13/2011 - 11:05am LAYOUT: SITE & SAMPLE



LEGEND

SUBJECT PROPERTY BOUNDARY

TAX MAP LOT LINE

REFERENCE

THIS PLAN IS BASED UPON AN UPDATED JUNE 22, 2011 ALTA/ACSM LAND TITLE SURVEY PREPARED BY CONTROL POINT ASSOCIATES, INC., A MARCH 10, 2010 MONITORING WELL LOCATION MAP PREPARED BY DPK CONSULTING, LLC, AND AN UNDATED AERIAL PHOTOGRAPH OBTAINED FROM GOOGLE MAPS.

1 inch = 60 ft.

LEGEND
CAP SECTIONS
(NOT TO SCALE)

PAVEMENT DETAIL

4" (MIN.) EXISTING ASPHALT
EXISTING SUBBASE
FILL MATERIAL

CONCRETE SLAB DETAIL

4" (MIN.) EXISTING CONCRETE
EXISTING SUBBASE
FILL MATERIAL

SOIL COVER CAP DETAIL

6" (MIN.) EXISTING TOPSOIL
FILL MATERIAL

CONCRETE SIDEWALK DETAIL

3" (MIN.) EXISTING CONCRETE
EXISTING SUBBASE
FILL MATERIAL

KEITH T. DEMBROSIO
STATE OF NEW YORK
LICENSED
KEITH T. DEMBROSIO
PROFESSIONAL ENGINEER
NEW YORK PROFESSIONAL ENGINEER 076095

TITLE:

LOCATION OF COVER SYSTEM TYPES

CLIENT: ACADIA TARRYTOWN, LLC

PROJECT: RIVER PLAZA SHOPPING CENTER
124 TO 134 WILDEY STREET
TARRYTOWN, WESTCHESTER COUNTY, NEW YORK

WHITESTONE ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 • 908.754.5936 FAX

PROJECT #:	BY:	PROJ. MGR.:	DATE:	SCALE:	FIGURE:
EJ0810744.005	RP	CS	4/20/11	1" = 60'	4