WHITESTONE ASSOCIATES, INC.
ENVIRONMENTAL & GEOTECHNICAL ENGINEERS & CONSULTANTS

35 TECHNOLOGY DRIVE
WARREN, NJ 07059
908.668.7777
FAX 908.754.5936
www.whitestoneassoc.com

REMEDIAL INVESTIGATION REPORT & SUPPLEMENTAL REMEDIAL INVESTIGATION/ CORRECTIVE ACTION WORKPLAN

RIVER PLAZA SHOPPING CENTER
130 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
New Paltz, New York 12561-1620

Prepared for:

ACADIA TARRYTOWN, LLC
1311 Mamaroneck Avenue, Suite 260
White Plains, New York 10605

Prepared by:

WHITESTONE ASSOCIATES, INC.
35 Technology Drive
Warren, New Jersey 07059

Keith T. D'Amato, P.E.
Principal, Environmental Services
Professional Engineer License No. 076095

Christopher Seib
Director, Environmental Division

Whitestone Project #EJ0810744.001
June 24, 2009

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via Federal Express

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Protection, Region 3
21 South Putt Corners Road
New Paltz, New York 12561-1620

Attention: Ms. Janet Brown
Case Manager

Regarding: REMEDIAL INVESTIGATION REPORT & SUPPLEMENTAL REMEDIAL INVESTIGATION/CORRECTIVE ACTION WORKPLAN
RIVER PLAZA SHOPPING CENTER
130 WILDEY STREET
TARRYTOWN, WESTCHESTER COUNTY, NEW YORK
NYSDEC SITE ID NO.: 360084
WHITESTONE PROJECT NO.: EJ0810744.001

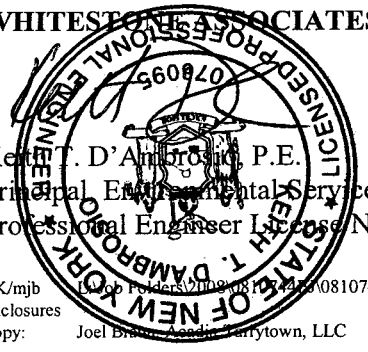
Dear Ms. Brown:

Whitestone Associates, Inc. (Whitestone) is pleased to submit for your review the attached *Remedial Investigation Report and Supplemental Remedial Investigation/Corrective Action Workplan* (RIR&SRI/CAW) for the above-referenced site that was prepared on behalf of Acadia Tarrytown, LLC. This RIR&SRI/CAW has been prepared to document remedial investigation activities conducted at the site pursuant to the September 2007 *Supplemental Investigation Workplan* (SIW) prepared by J.R. Holzmacher, P.E., LLC (JRH) on behalf of The Robert Martin Company (former owner) as approved by the New York State Department of Environmental Conservation (NYSDEC) on October 1, 2007, NYSDEC's May 12, 2008 correspondence, and the NYSDEC December 18, 2008 *Modification to Order on Consent.*

Please contact us at (908) 668-7777 with any questions or comments regarding the enclosed report.

Sincerely,

WHITESTONE ASSOCIATES, INC.



Keith T. D'Ambrosio, P.E.
Principal, Environmental Services
Professional Engineer License No. 076095

Christopher Seib
Director, Environmental Division

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Enclosures
Copy: Joel Braun, Acadia Tarrytown, LLC

REMEDIAL INVESTIGATION REPORT & SUPPLEMENTAL REMEDIAL INVESTIGATION/ CORRECTIVE ACTION WORKPLAN
River Plaza Shopping Center
130 Wildey Street
Tarrytown, Westchester County, New York

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REMEDIAL INVESTIGATION REPORT & SUPPLEMENTAL REMEDIAL INVESTIGATION/ CORRECTIVE ACTION WORKPLAN
River Plaza Shopping Center
130 Wildey Street
Tarrytown, Westchester County, New York

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SECTION 1.0
Executive Summary

Whitestone Associates, Inc. (Whitestone) was retained by Acadia Tarrytown, LLC (Acadia) to prepare this *Remedial Investigation Report and Supplemental Remedial Investigation/Corrective Action Workplan* (RIR&SRI/CAW) to document the activities implemented to further address soil and groundwater conditions at the River Plaza Shopping Center site located at 130 Wildey Street in Tarrytown, Westchester County, New York. This RIR&SRI/CAW has been prepared to document the remedial investigation activities conducted at the site pursuant to the September 2007 *Supplemental Investigation Workplan* (SIW) prepared by J.R. Holzmacher, P.E., LLC (JRH) on behalf of The Robert Martin Company as approved by the New York State Department of Environmental Conservation (NYSDEC) on October 1, 2007, NYSDEC's May 12, 2008 correspondence, and the NYSDEC December 18, 2008 *Modification to Order on Consent.*

The activities which were implemented at the site from March 2008 to April 2009 included:

- sub-slab soil gas vapor and indoor air quality sampling in March 2008 by Quality Environmental Solutions and Technologies, Inc. (Quest);
- installation and sampling of four deep temporary wellpoints/borings to vertically delineate soil and groundwater conditions by Whitestone in January 2009 and February 2009;
- installation and surveying of three additional on-site and off-site groundwater monitor wells by Whitestone in January 2009 and February 2009;
- collection of soil samples from the newly installed monitor wells during well installation/drilling activities;
- collection and analyses of groundwater samples from the three new and four existing groundwater monitor wells in February 2009;
- regulated, off-site treatment/disposal of purged water and drill cuttings generated during monitor well/boring installation and sampling activities; and
- completion of a well search as specified in NYSDEC's *Draft DER-10 (Technical Guidance for Site Investigation and Remediation).*

The results of these investigations revealed:

- Sampling and analyses did not encounter chlorinated volatile organic compounds (CVOCs) in soil samples collected from temporary deep wellpoints/borings WB-1 through WB-4 installed at on-site and off-site locations at concentrations exceeding NYSDEC Remedial Program Unrestricted Use Soil Cleanup Objectives (SCOs). The volatile organic compound (VOC) acetone was detected in soil samples collected during the installation of borings/wells MW-5, WB-1, and WB-2 at concentrations

exceeding the NYSDEC Remedial Program Unrestricted Use SCO, however, these concentrations do not exceed the NYSDEC Remedial Program Commercial SCO. Acetone is a common laboratory contaminant and is not considered a contaminant of concern for this investigation.

- The semi-volatile organic compound (SVOC) benzo[a]pyrene was detected in soil sample WB-4 at a concentration slightly exceeding the NYSDEC Remedial Program Unrestricted Use and Commercial SCOs. The anomalous detection is suspected to be associated with historic fill at the site and in the boring.

- Chromium was detected in soil samples MW-7S and WB-3 at concentrations exceeding the NYSDEC Remedial Program Unrestricted Use SCO. These concentrations are below the NYSDEC Remedial Program Commercial SCO. These chromium detections also are within Eastern USA Background Levels and appeared to be representative of natural background concentrations.

- A slight exceedance of the NYSDEC Groundwater Standard was identified in monitor well MW-3 for tetrachloroethene (PCE) at a concentration of 5.3 parts per billion (ppb). Duplicate groundwater sample DUP-E was also analyzed for VOCs to confirm these results. PCE was detected at a concentration of 6.9 ppb in duplicate sample DUP-E.

- A slight exceedance of the NYSDEC Groundwater Standard was identified in monitor well MW-7 for the pesticide beta-BHC at a concentration of 0.19 ppb. Duplicate groundwater sample DUP-A was also analyzed for pesticides to confirm these results. Exceedences of NYSDEC Groundwater Standards in duplicate sample DUP-A included dieldrin and p,p-DDD. These detections 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 concentrations exceeding NYSDEC Technical and Operation Guidance Standards (TOGS) 1.1.1 Water Quality Standards. Magnesium, sodium, manganese, and iron were also detected in select filtered groundwater sample collected from the site. These metals exceedances appear to be representative of natural background concentrations.

- The sub-slab soil gas vapor and indoor air quality sample results reported by Quest suggest elevated PCE and/or trichloroethylene (TCE) levels in and/or below the former dry cleaning unit.

The results of these investigations along with follow-up recommendations are presented in the sections that follow.

SECTION 2.0
Introduction

2.1 SITE LOCATION/DESCRIPTION

2.1.1 Location

The subject property is located at 130 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. The site location and site plan are shown on Figures 1 and 2, respectively.

2.1.2 Existing Structures/Improvements and Current Site Use

The subject property currently consists of an approximately 24,000 square feet (footprint), single-story, retail building occupied by Walgreens, Dunkin' Donuts, 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, Tappan Zee Dental Group, a laundromat, a video store, and a dollar store. The remaining portions of the site consist of asphalt-paved parking and driveway areas. The parcel located immediately west of the retail strip building currently is occupied by a McDonald's restaurant.

2.1.3 Past Uses of the Property

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.

2.1.4 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 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.

2.2 PHYSICAL SETTING

2.2.1 Topography/Geology

Surface topography at the subject property is relatively flat with an approximate average elevation of 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.

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. 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 investigation and monitoring activities were encountered at depths that ranged from approximately 6.0 fbgs to 8.05 fbgs.

2.2.2 Surface Water/Wetlands

No evidence of surface water or wetland areas were observed on site. The subject property is not described on the United States Fish and Wildlife Service *National Wetlands Inventory Interactive Mapper* as a mapped wetlands area. The nearest surface water body or wetlands area is located approximately 0.25 mile to the west of the subject property.

2.2.3 Groundwater

Groundwater was encountered beneath the subject property during the most recent investigation activities at depths of approximately six fbgs to eight fbgs. Groundwater was determined to flow in a southwesterly direction during the current the investigation.

2.3 SUMMARY OF PREVIOUS SITE INVESTIGATION ACTIVITIES

Previous site investigation activities have been conducted at the subject property by others between 1998 and 2008. Key findings regarding the prior investigations at the subject site which were discussed in previous report submissions to NYSDEC by others are summarized as follows:

- Phase I Environmental Site Assessments (ESAs) conducted by Property Solutions, Inc. (PSI) in August 1998 and ATC Associates, Inc. (ATC) in 2003 identified one unregulated 550 gallon fuel oil underground storage tank (UST) located to the north of the drycleaners and drycleaning operations as potential environmental concerns. Subsurface investigations were recommended to determine if releases from the UST and/or drycleaning operations had impacted subsurface conditions at the subject site. PSI also recommended conducting a tightness test to determine the integrity of the UST.

- A limited subsurface investigation conducted by PSI in August 1998 identified PCE in three of eight soil samples collected in the vicinity of the drycleaners and further investigation was recommended to determine the extent of PCE in groundwater.

- A subsurface investigation conducted by ATC in September 2003 identified one or more SVOCs in three of four soil samples at concentrations exceeding their respective SCOs. PCE and vinyl chloride were detected in select groundwater samples at concentrations above their respective Groundwater Standards. ATC indicated that the SVOCs detected in the soil samples may be related to fill materials or potential leaks from the on-site fuel oil UST while the PCE and vinyl chloride concentrations detected in the groundwater samples likely were attributed to the drycleaners. ATC recommended a UST tightness test and additional delineation of VOCs in groundwater.

- Additional subsurface investigations conducted in the vicinity of the fuel oil UST and drycleaners by CNS Management Corporation (CNS) in October 2003 revealed select SVOCs in five of eight soil samples at concentrations exceeding their respective SCOs. VOCs including PCE and vinyl chloride were detected in six of 11 soil samples, however, were detected at concentrations below their respective SCOs. Groundwater analytical results identified methyl tertl butyl ether (MTBE) in one of the groundwater samples at a concentration slightly exceeding the NYSDEC Groundwater Standard, however, CNS indicated that no previous investigations had detected this compound, therefore, was not a compound of concern at the site.

- On March 8, 2004, the 550 gallon fuel oil UST located to the north of the drycleaners was removed from the site by JRH and replaced with a new tank. 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 the SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, chrysene, and benzo(k)fluoranthene were detected in soil samples at concentrations exceeding their respective SCOs. 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 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 SCOs in shallow soil samples collected in the vicinity of the fuel oil tank and drycleaners. However, SVOC concentrations in deep soil samples were not detected or were detected at concentration below the respective SCOs. 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 indicated that although the concentrations of SVOCs in shallow soil are above SCOs, they do not warrant significant environmental concern. JRH also indicated that these compounds were not detected in groundwater, indicating they are not leaching from the soil. JRH recommended that on-site soils disturbed during future site activities should be properly managed and disposed.

- JRH and CNS indicated that PCE was detected in eight of 20 soil samples collected between August 2003 and March 2004, however, the concentrations were significantly below the SCO and these detections did not warrant further investigation and/or remedial action.

- JRH and CNS indicated that PCE and vinyl chloride were detected in five of 15 groundwater samples collected between August 2003 and October 2004 at concentrations exceeding their respective Groundwater Standards. Since there is no documented source of PCE in soil, JRH and CNS concluded that the low PCE concentrations detected in groundwater likely would continue to decline through natural attenuation. JRH and CNS recommended quarterly 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 drycleaners. JRH and CNS indicated that based on the data collected, the remediation of low-level groundwater contamination through the injection of the Hydrogen Release Compound (HRC) may also be required to enhance natural attenuation.

- In December 2004, one groundwater sample and two soil samples were collected by CNS from one boring drilled inside the drycleaners and analyzed for VOCs. Five additional borings were attempted, however, refusal was encountered at shallow depths (suspected to be caused by an old basement slab and not bedrock). Analytical results only identified acetone (a common laboratory contaminant) in one of the two soil samples collected. PCE was detected at a concentration below its Groundwater Standard in the groundwater sample.

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

2.4 CURRENT ACTIVITIES/OBJECTIVES

A revised SIW was submitted by JRH in September 2007 and subsequently was approved by NYSDEC on October 1, 2007. The following activities were implemented between March 2008 and April 2009 to further investigate on-site and off-site conditions:

- sub-slab soil gas vapor and indoor air quality sampling in March 2008 by Quest;
- installation and sampling of four deep temporary wellpoints/borings to vertically delineate soil and groundwater conditions by Whitestone in January 2009 and February 2009;
- installation and surveying of three additional on-site and off-site groundwater monitor wells by Whitestone in January 2009 and February 2009;
- collection of soil samples from the newly installed monitor wells during well installation/drilling activities;
- collection and analyses of groundwater samples from the three new and four existing groundwater monitor wells in February 2009;
- regulated, off-site treatment/disposal of purged water and drill cuttings generated during monitor well/boring installation and sampling activities; and
- completion of a well search as specified in NYSDEC's *Draft DER-10 (Technical Guidance for Site Investigation and Remediation)*.

SECTION 3.0
Summary of Remedial Investigations

3.1 SUPPLEMENTAL SUBSURFACE INVESTIGATIONS

A summary of the implemented remedial investigations outlined in the September 2007 SIW prepared by JRH on behalf of The Robert Martin Company (as approved by NYSDEC on October 1, 2007) and NYSDEC's May 12, 2008 correspondence is provided in Sections 3.1 to 3.5. The activities implemented to date by Whitestone on behalf of Acadia Tarrytown, LLC have included installing and sampling four temporary deep wellpoints/borings and three permanent on-site and off-site groundwater monitor wells. A well search was also conducted. Soil gas vapor and air quality sampling was conducted at the site by Quest.

3.1.1 Soil Investigations

In conjunction with the groundwater monitor well installation activities, four additional temporary deep wellpoints/borings (WB-1 through WB-4) were installed by Enviroprobe Drilling Services, Inc. (Enviroprobe) utilizing Geoprobe equipment on January 13, 2009, February 19, 2009, and February 20, 2009 to further investigate subsurface conditions at the site. NYSDEC also had requested wellpoint/boring installation at the northwestern corner of the McDonald's property, however, multiple drilling attempts encountered refusal in this area. The locations of these borings are shown on Figure 2 with boring logs provided in Appendix A.

Temporary deep wellpoint/boring WB-1 and groundwater monitor well MW-5 were installed on the off-site McDonald's parcel to the west of the subject property on January 13, 2009. Soil samples collected from this boring and monitor well were submitted for VOCs and SVOCs analyses. Temporary deep borings/wellpoints WB-3 and WB-4 along with monitor well MW-7 were installed on site on February 19, 2009. Temporary deep boring/wellpoint WB-2 and monitor well MW-6 were installed on site on February 20, 2009.

NYSDEC representative Jim Schreyer was on site during the drilling activities on February 19, 2009 and February 20, 2009. Whitestone subsequently was contacted by Ms. Janet Brown, NYSDEC's Case Manager, on February 20, 2009 and advised that the soil and groundwater samples being collected should be analyzed for Target Compound List plus 30 additional peaks/Target Analyte List (TCL+30/TAL) compounds rather than VOCs and SVOCs as previously outlined in the September 2007 SIW and NYSDEC's October 1, 2007 approval letter. Ms. Brown noted that these additional requirements had been outlined in a May 12, 2008 letter issued by NYSDEC to The Robert Martin Company. Whitestone previously had not been provided a copy of NYSDEC's May 12, 2008 letter requiring the expanded/upgraded laboratory analyses. Accordingly, soil samples collected from borings and well installations on February 19, 2009 and February 20, 2009 were submitted for TCL+30/TAL. The results of the soil investigations are summarized in Table 1 (Soil and Groundwater Sampling Summary) and Table 2 (Soil Sampling and Analyses Data Summary) with the formal

laboratory package provided in Appendix B. *Data Usability Summary Reports* confirming the reliability of analytical data are attached as Appendix C.

Soil samples collected from temporary deep wellpoints/borings WB-1 through WB-4 and monitor wells MW-5, MW-6, and MW-7 were submitted to Hampton Clarke-Veritech (New York Certified Lab #11408) along with contingency duplicate samples (per the 2007 SIW), trip blanks, and field blanks for laboratory analyses. Analytical results for the January 13, 2009, February 19, 2009, and February 20, 2009 soil sampling events are summarized in Table 2.

As listed in Table 2, the VOC acetone was detected in soil samples collected during the installation of MW-5, WB-1, and WB-2 at concentrations exceeding the NYSDEC Remedial Program Unrestricted Use SCO, however, these concentrations do not exceed the NYSDEC Remedial Program Commercial SCO . Acetone is a common laboratory contaminant and is not considered a contaminant of concern for this investigation. The SVOC benzo[a]pyrene was detected in soil sample WB-4 at a concentration slightly exceeding the NYSDEC Remedial Program Unrestricted Use and Commercial SCOs. The anomalous detection is suspected to be associated with historic fill at the site and in the boring. Chromium was detected in soil samples MW-7S and WB-3 at concentrations exceeding the NYSDEC Remedial Program Unrestricted Use SCO. These concentrations are below the NYSDEC Remedial Program Commercial SCO. These chromium detections also are within Eastern USA Background Levels and appeared to be representative of natural background concentrations.

3.1.2 Groundwater Investigations (Temporary Wellpoints)

Pursuant to the approved SIW, groundwater samples were collected from each of the temporary deep wellpoints/borings during the investigation activities. On January 13, 2009, groundwater sample WB-1GW was collected from boring WB-1 installed on the off-site McDonald's parcel. On January 20, 2009, a groundwater sample was collected from monitor well MW-5 which is also located on the McDonald's parcel. Groundwater samples WB-1GW and MW-5 were submitted for VOC and SVOC analyses along with the appropriate trip and field blanks. The analytical results are summarized in Table 3 with laboratory analytical reports provided in Appendix B. *Data Usability Summary Reports* confirming the reliability of analytical data are attached as Appendix C.

On February 19, 2009 and February 20, 2009, groundwater samples WB-2GW through WB-4GW were collected from deep temporary wellpoints/borings WB-2 through WB-4, respectively, and submitted for TCL+30/TAL (per conversations with NYSDEC site representative Jim Schreyer and Case Manager Janet Brown). As listed in Table 3, sodium was detected in both filtered and unfiltered groundwater samples WB-2GW and WB-4GW at concentrations exceeding NYSDEC TOGS 1.1.1 Water Quality Standards. Iron was detected in unfiltered groundwater samples WB-2GW and WB-4GW at concentrations exceeding the

NYSDEC TOGS 1.1.1 Water Quality Standard. Aluminum was detected in unfiltered groundwater sample WB-4GW at a concentration exceeding the NYSDEC TOGS 1.1.1 Water Quality Standard. The detected metals levels appear representative of natural background conditions. No other exceedences of NYSDEC Groundwater Standards were documented in any of the remaining deep groundwater samples collected during this portion of the investigation.

3.2 MONITOR WELL INSTALLATION AND SAMPLING

Four groundwater monitor wells (MW-1 through MW-4) previously had been installed at the subject property by JRH with the oversight of CNS to delineate low-level contamination in the vicinity of the drycleaners. Three additional groundwater monitor wells (MW-5 through MW-7) were installed at on-site and off-site locations by Enviroprobe in January 2009 and February 2009. The previously existing and newly installed monitor wells subsequently were surveyed by DPK Consulting, LLC (DPK) to establish permanent datum and elevations. The locations of the wells are shown on Figures 2 through 5 with the boring and well completion information provided in Appendix A.

The wells were gauged on February 24, 2009, April 2, 2009, and April 24, 2009 to establish groundwater flow direction. Gauging data are listed in Table 5 with the corresponding groundwater contour maps provided in Figures 3 through 5. The contour maps reveal a southwesterly groundwater flow direction. A slight flexure was observed during the February 24, 2009 gauging event.

Groundwater samples collected from the seven on-site and off-site monitor wells on February 24, 2009 were submitted for TCL+30/TAL analyses along with duplicate samples and the appropriate trip and field blanks. The groundwater data summary table is provided as Table 4 and the formal laboratory report is provided in Appendix 2. The groundwater analytical results from the monitor wells revealed:

- A slight exceedance of the NYSDEC Groundwater Standard was identified in monitor well MW-3 for PCE at a concentration of 5.3 ppb. Duplicate groundwater sample DUP-E was also analyzed for VOCs to confirm these results. PCE was detected at a concentration of 6.9 ppb in duplicate sample DUP-E.

- A slight exceedance of the NYSDEC Groundwater Standard was identified in monitor well MW-7 for the pesticide beta-BHC at a concentration of 0.19 ppb. Duplicate groundwater sample DUP-A was also analyzed for pesticides to confirm these results. Exceedences of NYSDEC Groundwater Standards in duplicate sample DUP-A included dieldrin and p,p-DDD. These detections 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 concentrations exceeding NYSDEC TOGS 1.1.1 Water Quality Standards. Magnesium, sodium, manganese, and iron were also detected in select filtered groundwater sample collected from the site. These metals exceedances appear to be representative of natural background concentrations.

3.3 DISPOSAL OF INVESTIGATION DERIVED WASTES

Purged water and drill cuttings generated during the current well/boring installation and sampling activities were drummed and transported from the site for regulated disposal on April 2, 2009. Disposal documentation is attached in Appendix D.

3.4 WELL SEARCH

Whitestone conducted a search for any public water supply (PWS) wells within a one mile radius of the subject property. According to the United States Environmental Protection Agency (USEPA)'s Safe Drinking Water Information System database, the NYSDEC Water Well Program Information Search database, the New York State Department of Health, Bureau of Public Water Supply Protection PWS well database, and conversations with Dan Kendell of NYSDEC's Bureau of Water Resource Management, no PWS wells are located within an one mile radius of the subject property. In addition, according to an environmental regulatory database report obtained from Environmental Data Resources, Inc. (EDR), only two United States Geological Service (USGS) observation wells are located within a one mile radius of the subject site. One well is located approximately 0.55 mile northwest of the subject site and the second well is located approximately 0.8 mile east of the subject site. The well search information taken from the environmental regulatory database report obtained from EDR is provided as Appendix E. Additionally, local regulatory agencies including NYSDEC, the New York State Department of Health (NYSDOH), and the Westchester County Health Department did not identify any water supply wells within a one-mile radius of the property. Accordingly, no groundwater supply wells should be impacted by conditions at the subject property.

3.5 SUB-SLAB SOIL GAS VAPOR AND INDOOR/OUTDOOR AIR QUALITY MONITORING

As part of the NYSDEC-approved September 2007 SIW prepared by JRH, three sub-slab soil gas vapor samples were collected from the 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 which is attached as Appendix F. These results indicate that PCE was detected in all three sub-slab soil gas vapor samples. PCE and TCE were detected in the indoor air sample collected from within the drycleaners. No VOCs were detected in the sample collected of ambient air outside of the drycleaners. The PCE levels detected within the drycleaners were below the Occupational Safety and Health Administration (OSHA) Permissible Exposure Level (PEL) and the median value of the 1988 EPA National Ambient VOC database. The level of TCE detected within the drycleaners was below the OSHA PEL, however, exceeded EPA's median value. The TCE concentration was above the NYSDOH Air Guideline Value in the indoor air sample. Quest concluded that since TCE was not detected in the sub-slab samples, the source of TCE likely is attributable to a source within the drycleaners. Quest also concluded that the PCE level detected in the indoor air sample does not appear to indicate that the PCE contamination beneath the building is contributing to the PCE level detected within the drycleaners.

SECTION 4.0
Supplemental Remedial Investigation/Corrective Action Workplan

4.1 SUMMARY OF CURRENT REMEDIAL INVESTIGATIONS

The primary goal of the investigation activities was to further characterize site conditions through the collection and analyses of soil, groundwater, indoor air quality, and soil gas vapor samples. Conclusions and recommendations regarding Whitestone's activities and/or Quest's prior investigations at the subject site are summarized as follows:

- The VOC acetone was detected in soil samples collected during the installation of borings/wells MW-5, WB-1, and WB-2 at concentrations exceeding the NYSDEC Remedial Program Unrestricted Use SCO, however, these concentrations do not exceed the NYSDEC Remedial Program Commercial SCO. Acetone is a common laboratory contaminant and is not considered a contaminant of concern for this investigation. The SVOC benzo[a]pyrene was detected in soil sample WB-4 at a concentration slightly exceeding the NYSDEC Remedial Program Unrestricted Use and Commercial SCOs. The anomalous detection is suspected to be associated with historic fill at the site and in the boring. Chromium was detected in soil samples MW-7S and WB-3 at concentrations exceeding the NYSDEC Remedial Program Unrestricted Use SCO. These concentrations are below the NYSDEC Remedial Program Commercial SCO. These chromium detections also are within Eastern USA Background Levels and appeared to be representative of natural background concentrations. No residual chlorinated VOC contamination has been identified in the soil samples collected at the site. Previous soil sampling activities also did not document contaminant concentrations exceeding NYSDEC Residual Program Commercial SCOs. No further actions are proposed pertaining to soil conditions at the site.

- A slight exceedance of the NYSDEC Groundwater Standard was identified in monitor well MW-3 for PCE at a concentration of 5.3 parts ppb. Duplicate groundwater sample DUP-E was also analyzed for VOCs to confirm these results. PCE was detected at a concentration of 6.9 ppb in duplicate sample DUP-E. Supplemental actions to address this contaminant condition are outlined in Section 4.2.

- A slight exceedance of the NYSDEC Groundwater Standard was identified in monitor well MW-7 for the pesticide beta-BHC at a concentration of 0.19 ppb. Duplicate groundwater sample DUP-A was also analyzed for pesticides to confirm these results. Exceedences of NYSDEC Groundwater Standards in duplicate sample DUP-A included dieldrin and p,p-DDD. These detections in this upgradient well may be the result of an off-site source of contamination. Supplemental actions to address this contaminant condition are outlined in Section 4.2.

- Select metals were detected in the unfiltered groundwater samples collected at concentrations exceeding NYSDEC TOGS 1.1.1 Water Quality Standards. Magnesium, sodium, manganese, and iron were also detected in select filtered groundwater sample collected from the site. These metals exceedances appear to be representative of natural background concentrations. Accordingly, no further actions are proposed to address metals concentrations in groundwater.

- The sub-slab soil gas vapor and indoor air quality sample results reported by Quest suggest elevated PCE and/or TCE levels in and/or below the former dry cleaning unit. Supplemental actions to address this condition concentration are outlined in Section 4.2.

4.2 PROPOSED SUPPLEMENTAL REMEDIAL INVESTIGATIONS/CORRECTIVE ACTIONS

The following supplemental investigations and corrective actions will be implemented to address the detected contaminant conditions:

- The PCE concentration (5.3 ppb) detected in monitor well MW-3 is slightly above the NYSDEC Groundwater Standard of 5.0 ppb. Accordingly, two additional confirmatory rounds of groundwater sampling will be conducted approximately 60 days apart from the on-site and off-site monitor wells. The groundwater samples will be analyses for VOCs. The localized, low-level PCE concentration is anticipated to naturally attenuate with time if it continues to be present in the groundwater samples. Whitestone will also analyze the groundwater samples collected from monitor well MW-7 for pesticides to further evaluate the low-level pesticide concentrations detected in this well.

- To address the soil gas vapor and indoor air quality concerns, a sub-slab depressurization system (SSD) will be installed in the drycleaners at the approximate location shown on Figure 2. The final location of the SSD will be determined by Whitestone based on correspondence with the current tenant to minimize potential impacts to and from the SSD equipment and site conditions constraints.

  The SSD will be constructed by placing a four-inch diameter PVC pipe in the sub-base immediately below the building slab. The pipe will extend to an exterior fan capable of mechanically venting air from beneath the slab. The vertical exhaust pipe will then extend upward through the building ceiling and vent to the exterior atmosphere above the roof. A sealable sampling port will be installed at the base of the unit for future sampling purposes. Additionally, an in-line magnahelic dial vacuum gauge will be installed on the unit to ensure its properly functioning. A plan depicting the proposed SSD system design is attached as Figure 6.

  Background sub-slab soil vapor samples will be collected from beneath the floor slab in the drycleaning unit at the time of system installation. Furthermore, an additional sub-slab sampling event will be completed in the drycleaners one month following the activation of the system to evaluate the effectiveness of the mitigation efforts. One soil gas vapor sample along with ambient interior and exterior air quality samples will be submitted for VO analyses by USEPA Method TO-15 during each of these sampling events. Follow-up mitigation and/or monitoring proposals will be presented upon review of the analytical data generated during the SSD installation and proposed indoor air quality and soil gas vapor sampling events.

4.3 REPORTING

Upon completion of the proposed activities, a *Remedial Investigation/Corrective Action Report and Supplemental Remedial Investigation/Corrective Action Workplan* (as necessary) will be submitted to NYSDEC for review. The workplan also may include recommendations for supplemental remedial investigations and/or remedial actions (if any) that may be necessary to address site conditions.

4.4 SCHEDULE

The following proposed tasks will be completed under the supervision of a Professional Engineer or Professional Geologist pursuant to the site's *Health and Safety Plan* and *Quality Assurance Project Plan*:

Task	Estimated Schedule*
Sampling of On-Site and Off-Site Monitor Wells	August 2009 September 2009
Supplemental Indoor Air Quality and Soil Gas Vapor Sampling and Installation of SSD	August 2009 August 2009 (sampling only)
Submission of *Remedial Investigation/Corrective Action Report and Supplemental Remedial Investigation/Corrective Action Workplan*	November 2009
* Startup and schedule dependent on NYSDEC approval of this RI/CAW by July 31, 2009.	

TABLE 1
Soil and Groundwater Sampling Summary

TABLE 1
SOIL AND GROUNDWATER SAMPLING SUMMARY
River Plaza Shopping Center
130 Wildey Street
Tarrytown, Westchester County, New York

Boring/Monitor Well	Sample Date	Soil Sample Interval (fbgs)	Depth to GW (fbgs)	Total Boring Depth (fbgs)	Maximum PID Reading (ppm)
MW-5*	1-13-09	13.5 to 14.0	6.82	15.0	0.0
WB-1	1-13-09	18.5 to 19.0	7.12	30.0	0.0
MW-6*	2-20-09	13.0 to 13.5	6.00	14.0	0.0
WB-2	2-20-09	15.0 to 15.5	8.05	25.0	0.0
MW-7*	2-19-09	12.5 to 13.0	7.00	15.0	0.0
WB-3	2-19-09	19.5 to 20.0	6.83	25.0	0.0
WB-4	2-19-09	20.0 to 20.5	6.35	25.0	0.0

Notes:

PID Photoionization Detector
GW Groundwater
fbgs feet below ground surface
ppm parts per million
* Soil sample collected during monitor well installation

TABLE 2
Soil Sampling and Analyses Data Summary

TABLE 2
SOIL SAMPLING AND ANALYSES DATA SUMMARY
River Plaza Shopping Center
130 Wildey Street
Tarrytown, Westchester County, New York

	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																						
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		0.0063	0.0089		0.0068	0.0088		0.0065	0.019		0.0062	ND		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		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		0.0063	0.039		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
2-Chloroethylvinylether	NA	ND		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		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		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		0.037	ND		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		0.0074	ND		0.0074	ND		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		0.0063
Carbon disulfide	NA	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		0.0074	ND		0.0074	ND		0.0063	ND		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		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		0.0063	ND		0.0068	ND		0.0065	ND		0.0062	ND		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
130 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		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		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																						
Total BN 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		0.49	ND		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		0.098	ND		0.1	ND		0.084	ND		0.093	ND		0.087	ND		0.084	ND		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		0.098	ND		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
130 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		0.49	ND		0.51	ND		0.42	ND		0.46	ND		0.43	ND		0.42	ND		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
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	NA	~		~	~		~	7,900		250	13,000		280	11,000		260	13,000		250	6,800		250
Antimony	NA	~		~	~		~	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

TABLE 2
SOIL SAMPLING AND ANALYSES DATA SUMMARY
River Plaza Shopping Center
130 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
Cadmium	2.5 [0.1-1]	~		~	~		~	ND		0.76	ND		0.83	ND		0.78	ND		0.76	ND		0.76
Calcium	NA [130-35,500]	~		~	~		~	4,500		1,300	ND		1,400	1,900		1,300	1,300		1,300	ND		1,300
Chromium	30 [1.5-40]	~		~	~		~	17		6.3	25		6.9	**36**		**6.5**	**36**		**6.3**	19		6.3
Cobalt	NA [2.5-60]	~		~	~		~	7.4		3.2	9.3		3.5	6.9		3.2	9.4		3.2	5.8		3.2
Copper	50 [1-50]	~		~	~		~	19		6.3	15		6.9	9.9		6.5	13		6.3	7.3		6.3
Iron	NA [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		630	760		690	840		650	710		630	650		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	NA	~		~	~		~	ND		1.5	ND		1.7	ND		1.6	ND		1.5	ND		1.5
Vanadium	NA [1-300]	~		~	~		~	21		13	25		14	24		13	30		13	18		13
Zinc	109 [9-50]	~		~	~		~	45		13	44		14	41		13	39		13	29		13
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
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

TABLE 2
SOIL SAMPLING AND ANALYSES DATA SUMMARY
River Plaza Shopping Center
130 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
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

Bold value indicates an exceedence of the NYSDEC Soil Cleanup Objective, however, is within Eastern USA Background Levels

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

~ - 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

TABLE 3
Groundwater Sampling and Analyses Data Summary (MW-5 and Temporary Wellpoints)

TABLE 3
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MW-5 AND TEMPORARY WELLPOINTS)
River Plaza Shopping Center
130 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	TAGM	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																									
Total VO TICs	NA	NA		~	~	~	~	ND		~	~	ND		~	~	~	~	~	~	~	~	ND		ND	
1,1,1-Trichloroethane	5	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	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	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	NA	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	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	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	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
1,2,4-Trimethylbenzene	5	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	4.7	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	5	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	NA	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	5	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	5	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	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
1,4-Dichlorobenzene	5	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	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	50	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	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-Hexanone	NA	NA		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
4-Isopropyltoluene	5	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	50	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
Acetone	50	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	NA	5		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
Acrylonitrile	NA	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
Benzene	0.7	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	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	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	NA	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
Carbon disulfide	50	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	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	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	50	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
Chloroform	7	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	NA	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	NA	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	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
Dibromochloromethane	50	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	NA	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
Ethylbenzene	5	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	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	5		ND	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	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	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	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	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	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
sec-Butylbenzene	5	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	NA	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	50	NA		ND	5	ND	5	ND	25	ND	25	ND	25	ND	5	ND	5	ND	5	ND	5	ND	25	ND	25
t-Butylbenzene	5	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	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	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
Trans-1,2-dichloroethene	5	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
Trans-1,3-dichloropropene	NA	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
Trichloroethene	5	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
Trichlorofluoromethane	NA	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
Vinyl chloride	2	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)	5	NA		ND	1	ND	1	ND	1.0	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1

TABLE 3
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MW-5 AND TEMPORARY WELLPOINTS)
River Plaza Shopping Center
130 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	TAGM	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
SEMI-VOLATILE ORGANICS																																			
Total SVO TICs	NA	NA	~		~	~		~	ND			ND			ND			~		~	~		~	~		~	~		~	ND			~		~
1,2,4-Trichlorobenzene	5	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	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	1	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	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	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	NA	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	5	1	ND		11	ND		10	ND		11	ND		11	ND		11	ND		11	~		~	ND		10	~		~	ND		10	~		~
2,4-Dinitrotoluene	NA	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	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	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	50	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	50	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	5	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	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	5	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	50	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	NA	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	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	NA	ND		11	ND		10	ND		11	ND		11	ND		11	ND		11	~		~	ND		10	~		~	ND		10	~		~
4-Bromophenyl-phenylether	NA	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	5	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	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	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	NA	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	5	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	20	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Acenaphthylene	20	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	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Anthracene	50	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Benzidine	NA	5	ND		11	ND		10	ND		11	ND		11	ND		11	ND		11	~		~	ND		10	~		~	ND		10	~		~
Benzo[a]anthracene	0.002	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	0.002	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	0.002	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	5	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	0.002	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	50	NA	ND		2.1	ND		2	ND		11	ND		11	ND		11	ND		2.1	~		~	ND		2	~		~	ND		10	~		~
bis(2-Chloroethoxy)methane	NA	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	NA	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	NA	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	50	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Butylbenzylphthalate	50	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	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Chrysene	0.002	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	50	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Dibenzofuran	5	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Diethylphthalate	50	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Dimethylphthalate	50	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	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	50	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Fluoranthene	50	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Fluorene	50	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Hexachlorobenzene	0.35	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	NA	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	NA	5	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~		~	ND		2	~		~	ND		2.0	~		~
Hexachloroethane	NA	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	0.002	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
130 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	TAGM	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
Isophorone	50	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~	~		ND		2	~	~		ND		2.0	~	~	
Naphthalene	10	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~	~		ND		2	~	~		ND		2.0	~	~	
Nitrobenzene	5	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	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	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	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	1	ND		11	ND		10	ND		11	ND		11	ND		11	ND		11	~	~		ND		10	~	~		ND		10	~	~	
Phenanthrene	50	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	1	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~	~		ND		2	~	~		ND		2.0	~	~	
Pyrene	50	NA	ND		2.1	ND		2	ND		2.2	ND		2.2	ND		2.2	ND		2.1	~	~		ND		1	~	~		ND		2.0	~	~	
METALS - UNFILTERED																																			
Mercury	NA	1.4	~		~	~		~	ND		0.20	~		~	ND		0.20	~		~	~	~		~		~	~	~		ND		0.2	~	~	
Aluminum	NA	2,000	~		~	~		~	1,700		100	~		~	7,400		100	~		~	~	~		~		~	~	~		~		ND	100	~	~
Antimony	NA	6	~		~	~		~	ND		7.5	~		~	ND		7.5	~		~	~	~		~		~	~	~		~		ND	7.5	~	~
Arsenic	NA	50	~		~	~		~	ND		20	~		~	ND		20	~		~	~	~		~		~	~	~		~		ND	20	~	~
Barium	NA	2,000	~		~	~		~	54		25	~		~	130		25	~		~	~	~		~		~	~	~		~		ND	25	~	~
Beryllium	NA	3	~		~	~		~	ND		4.0	~		~	ND		4.0	~		~	~	~		~		~	~	~		~		ND	4	~	~
Cadmium	NA	10	~		~	~		~	ND		2.0	~		~	ND		2.0	~		~	~	~		~		~	~	~		~		ND	2	~	~
Calcium	NA	NA	~		~	~		~	25,000		1000	~		~	42,000		1000	~		~	~	~		~		~	~	~		~		ND	1000	~	~
Chromium	NA	100	~		~	~		~	ND		25	~		~	ND		25	~		~	~	~		~		~	~	~		~		ND	25	~	~
Cobalt	NA	NA	~		~	~		~	ND		10	~		~	ND		10	~		~	~	~		~		~	~	~		~		ND	10	~	~
Copper	NA	1,000	~		~	~		~	ND		25	~		~	ND		25	~		~	~	~		~		~	~	~		~		ND	25	~	~
Iron	NA	600	~		~	~		~	4,500		150	~		~	8,900		150	~		~	~	~		~		~	~	~		~		ND	25	~	~
Lead	NA	50	~		~	~		~	15		5.0	~		~	5.2		5.0	~		~	~	~		~		~	~	~		~		ND	150	~	~
Magnesium	NA	35,000	~		~	~		~	24,000		1000	~		~	20,000		1000	~		~	~	~		~		~	~	~		~		ND	5	~	~
Manganese	NA	600	~		~	~		~	290		25	~		~	370		25	~		~	~	~		~		~	~	~		~		ND	1000	~	~
Nickel	NA	200	~		~	~		~	ND		10	~		~	11		10	~		~	~	~		~		~	~	~		~		ND	25	~	~
Potassium	NA	NA	~		~	~		~	13,000		2500	~		~	6,500		2500	~		~	~	~		~		~	~	~		~		ND	10	~	~
Selenium	NA	20	~		~	~		~	ND		25	~		~	ND		25	~		~	~	~		~		~	~	~		~		ND	2500	~	~
Silver	NA	100	~		~	~		~	ND		10	~		~	ND		10	~		~	~	~		~		~	~	~		~		ND	25	~	~
Sodium	NA	20,000	~		~	~		~	120,000		2500	~		~	33,000		2500	~		~	~	~		~		~	~	~		~		ND	10	~	~
Thallium	NA	0.5	~		~	~		~	ND		5.0	~		~	ND		5.0	~		~	~	~		~		~	~	~		~		ND	2500	~	~
Vanadium	NA	NA	~		~	~		~	ND		25	~		~	ND		25	~		~	~	~		~		~	~	~		~		ND	5	~	~
Zinc	NA	5,000	~		~	~		~	31		25	~		~	31		25	~		~	~	~		~		~	~	~		~		ND	25	~	~
METALS - FILTERED																																			
Mercury	NA	1.4	~		~	~		~	ND		0.20	~		~	0.28		0.20	~		~	~	~		~		~	~	~		~		ND	25	~	~
Aluminum	NA	2,000	~		~	~		~	ND		100	~		~	ND		100	~		~	~	~		~		~	~	~		~		ND	0.20	~	~
Antimony	NA	6	~		~	~		~	ND		7.5	~		~	ND		7.5	~		~	~	~		~		~	~	~		~		ND	100	~	~
Arsenic	NA	50	~		~	~		~	ND		20	~		~	ND		20	~		~	~	~		~		~	~	~		~		ND	7.5	~	~
Barium	NA	2,000	~		~	~		~	ND		25	~		~	94		25	~		~	~	~		~		~	~	~		~		ND	20	~	~
Beryllium	NA	3	~		~	~		~	ND		4.0	~		~	ND		4.0	~		~	~	~		~		~	~	~		~		ND	25	~	~
Cadmium	NA	10	~		~	~		~	ND		2.0	~		~	ND		2.0	~		~	~	~		~		~	~	~		~		ND	4.0	~	~
Calcium	NA	NA	~		~	~		~	23,000		1,000	~		~	43,000		1,000	~		~	~	~		~		~	~	~		~		ND	2.0	~	~
Chromium	NA	100	~		~	~		~	ND		25	~		~	ND		25	~		~	~	~		~		~	~	~		~		ND	1,000	~	~
Cobalt	NA	NA	~		~	~		~	ND		10	~		~	ND		10	~		~	~	~		~		~	~	~		~		ND	25	~	~
Copper	NA	1,000	~		~	~		~	ND		25	~		~	ND		25	~		~	~	~		~		~	~	~		~		ND	10	~	~
Iron	NA	600	~		~	~		~	ND		150	~		~	ND		150	~		~	~	~		~		~	~	~		~		ND	25	~	~
Lead	NA	50	~		~	~		~	ND		5.0	~		~	ND		5.0	~		~	~	~		~		~	~	~		~		ND	150	~	~
Magnesium	NA	35,000	~		~	~		~	22,000		1,000	~		~	17,000		1,000	~		~	~	~		~		~	~	~		~		ND	5.0	~	~
Manganese	NA	600	~		~	~		~	240		25	~		~	290		25	~		~	~	~		~		~	~	~		~		ND	1,000	~	~
Nickel	NA	200	~		~	~		~	ND		10	~		~	ND		10	~		~	~	~		~		~	~	~		~		ND	25	~	~
Potassium	NA	NA	~		~	~		~	13,000		2,500	~		~	5,700		2,500	~		~	~	~		~		~	~	~		~		ND	10	~	~
Selenium	NA	20	~		~	~		~	ND		25	~		~	ND		25	~		~	~	~		~		~	~	~		~		ND	2,500	~	~
Silver	NA	100	~		~	~		~	ND		10	~		~	ND		10	~		~	~	~		~		~	~	~		~		ND	25	~	~
Sodium	NA	20,000	~		~	~		~	120,000		2,500	~		~	34,000		2,500	~		~	~	~		~		~	~	~		~		ND	10	~	~
Thallium	NA	0.5	~		~	~		~	ND		5.0	~		~	ND		5.0	~		~	~	~		~		~	~	~		~		ND	2,500	~	~
Vanadium	NA	NA	~		~	~		~	ND		25	~		~	ND		25	~		~	~	~		~		~	~	~		~		ND	5.0	~	~
Zinc	NA	5,000	~		~	~		~	ND		25	~		~	ND		25	~		~	~	~		~		~	~	~		~		ND	25	~	~

TABLE 3
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MW-5 AND TEMPORARY WELLPOINTS)
River Plaza Shopping Center
130 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	**TAGM**	**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
PCBS																																			
Aroclor (Total)	0.1	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1016	0.1	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1221	0.1	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1232	0.1	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1242	0.1	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1248	0.1	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1254	0.1	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1260	0.1	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1262	0.1	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
Aroclor-1268	0.1	0.9	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.25	~		~
PESTICIDES																																			
Aldrin	0.01	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Alpha-BHC	0.05	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
beta-BHC	0.05	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Chlordane	0.1	0.05	~		~	~		~	ND		0.11	ND		0.11	ND		0.11	~		~	~		~	~		~	~		~	ND		0.10	~		~
delta-BHC	0.05	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Dieldrin	0.01	0.004	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Endosulfan I	0.1	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Endosulfan II	0.1	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Endosulfan Sulfate	0.1	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Endrin	0.01	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Endrin Aldehyde	NA	5	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Endrin Ketone	NA	5	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
gamma-BHC	0.05	NA	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Heptachlor	0.01	0.04	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Heptachlor Epoxide	0.01	0.03	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Methoxychlor	35	35	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
p,p'-DDD	0.01	0.3	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
p,p'-DDE	0.01	0.2	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
p,p'-DDT	0.01	0.2	~		~	~		~	ND		0.011	ND		0.011	ND		0.011	~		~	~		~	~		~	~		~	ND		0.010	~		~
Toxaphene	NA	0.06	~		~	~		~	ND		0.26	ND		0.26	ND		0.26	~		~	~		~	~		~	~		~	ND		0.010	~		~
OTHER PARAMETERS																																			
Cyanide	NA	400	~		~	~		~	ND		0.25	ND		0.25	ND		0.25	~		~	~		~	~		~	~		~	ND		0.01	~		~

NOTES:
Shaded and Bold value indicates an exceedence of the NYSDEC TAGM and/or 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
TAGM - NYSDEC Technical and Administrative Guidance Memorandum #4046 Groundwater 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

TABLE 4
Groundwater Sampling and Analyses Data Summary (Monitor Wells - February 24, 2009)

TABLE 4
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELLS - FEBRUARY 24, 2009)
River Plaza Shopping Center
130 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	TAGM	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
VOLATILE ORGANICS																										
Total VO TICs	NA	NA	ND			ND			5.4	J		ND			ND			ND			ND			~		~
1,1,1-Trichloroethane	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
1,1,2,2-Tetrachloroethane	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
1,1,2-Trichloro-1,2,2-trifluoroethane	5	5	ND		1.0	ND		1.0	ND		1.0	ND		5.0	ND		1	ND		1	ND		1	~		~
1,1,2-Trichloroethane	NA	1	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
1,1-Dichloroethane	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
1,1-Dichloroethene	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
1,2,3-Trichloropropane	5	0.04	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
1,2,4-Trimethylbenzene	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
1,2-Dichlorobenzene	4.7	3	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
1,2-Dichloroethane	5	0.6	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		0.5	ND		0.5	ND		0.5	~		~
1,2-Dichloropropane	NA	1	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
1,3,5-Trimethylbenzene	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
1,3-Dichlorobenzene	5	3	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
1,3-Dichloropropane	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
1,4-Dichlorobenzene	5	3	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
1,4-Dioxane	NA	NA	ND		50	ND		50	ND		50	ND		250	ND		50	ND		50	ND		50	~		~
2-Butanone	50	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
2-Chloroethylvinylether	NA	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
2-Hexanone	NA	50	ND		1.0	ND		1.0	ND		1.0	ND		5.0	ND		1	ND		1	ND		1	~		~
4-Isopropyltoluene	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
4-Methyl-2-pentanone	50	NA	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Acetone	50	50	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		1	ND		5	ND		5	~		~
Acrolein	NA	5	ND		5.0	ND		5.0	ND		5.0	ND		5.0	ND		1	ND		5	ND		5	~		~
Acrylonitrile	NA	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Benzene	0.7	1	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		1	ND		0.5	ND		0.5	~		~
Bromodichloromethane	NA	50	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Bromoform	NA	50	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Bromomethane	NA	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Carbon disulfide	50	60	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Carbon tetrachloride	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Chlorobenzene	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Chloroethane	50	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Chloroform	7	7	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Chloromethane	NA	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
cis-1,2-Dichloroethene	NA	5	ND		1.0	3.0		1.0	1.7		1.0	2.4		1.0	ND		1	ND		1	ND		1	~		~
cis-1,3-Dichloropropene	NA	0.4	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Dibromochloromethane	50	50	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Dichlorodifluoromethane	NA	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Ethylbenzene	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Isopropylbenzene	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
m&p-Xylenes	5	5	ND		2.0	ND		2.0	ND		2.0	ND		1.0	ND		1	ND		2	ND		2	~		~
Methylene chloride	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
Methyl-t-butyl ether	10	10	ND		0.50	ND		0.50	ND		0.50	ND		0.50	ND		1	ND		0.5	ND		0.5	~		~
n-Butylbenzene	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
n-Propylbenzene	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~
o-Xylene	5	5	ND		1.0	ND		1.0	ND		1.0	ND		1.0	ND		1	ND		1	ND		1	~		~

TABLE 4
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELLS - FEBRUARY 24, 2009)
River Plaza Shopping Center
130 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	TAGM	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
sec-Butylbenzene	5	5	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1	ND	1	ND	1	ND	1	~	~
Styrene	NA	930	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1	ND	1	ND	1	ND	1	~	~
t-Butyl Alcohol	50	NA	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	1	ND	5	ND	5	ND	5	~	~
t-Butylbenzene	5	5	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1	ND	1	ND	1	ND	1	~	~
Tetrachloroethene	5	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	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	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	NA	0.4	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1	ND	1	ND	1	ND	1	~	~		
Trichloroethene	5	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	NA	5	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1	ND	1	ND	1	ND	1	~	~		
Vinyl chloride	2	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	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	~	~		
BASE NEUTRAL ORGANICS																						
Total BN TICs	NA	NA	95	J	ND		ND		~	~	28	J	ND		ND		4.8	J	~	~		
1,2,4-Trichlorobenzene	5	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	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	1	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	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	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	NA	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	5	1	ND	11	ND	11	ND	11	~	~	ND	11	ND	11	ND	11	ND	11	~	~		
2,4-Dinitrotoluene	NA	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	5	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
2-Chloronaphthalene	NA	10	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
2-Chlorophenol	50	NA	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
2-Methylnaphthalene	50	NA	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
2-Methylphenol	5	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	5	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
2-Nitrophenol	5	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	50	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	NA	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	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	NA	ND	11	ND	11	ND	11	~	~	ND	11	ND	11	ND	11	ND	11	~	~		
4-Bromophenyl-phenylether	NA	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	5	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	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	NA	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
4-Nitroaniline	NA	5	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
4-Nitrophenol	5	NA	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Acenaphthene	20	20	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Acenaphthylene	20	NA	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Aniline	5	5	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Anthracene	50	50	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Benzidine	NA	5	ND	11	ND	11	ND	11	~	~	ND	11	ND	11	ND	11	ND	11	~	~		
Benzo[a]anthracene	0.002	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	0.002	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	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	5	NA	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

130 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	TAGM	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
Benzo[k]fluoranthene	0.002	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	50	NA	ND	11	ND	11	ND	11	~	~	ND	11	ND	11	ND	11	ND	11	~	~		
bis(2-Chloroethoxy)methane	NA	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	NA	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	NA	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	50	5	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Butylbenzylphthalate	50	50	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Carbazole	NA	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	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	50	NA	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Dibenzofuran	5	NA	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Diethylphthalate	50	50	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Dimethylphthalate	50	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	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	50	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Fluoranthene	50	50	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Fluorene	50	50	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Hexachlorobenzene	0.35	0.04	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Hexachlorobutadiene	NA	0.5	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Hexachlorocyclopentadiene	NA	5	ND	11	ND	11	ND	11	~	~	ND	11	ND	11	ND	11	ND	11	~	~		
Hexachloroethane	NA	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	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	50	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Naphthalene	10	10	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Nitrobenzene	5	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	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	NA	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
N-Nitrosodiphenylamine	NA	50	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Pentachlorophenol	1	1	ND	11	ND	11	ND	11	~	~	ND	11	ND	11	ND	11	ND	11	~	~		
Phenanthrene	50	50	ND	2.2	ND	2.2	ND	2.2	~	~	ND	2.2	ND	2.2	ND	2.2	ND	2.2	~	~		
Phenol	1	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	NA	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	NA	2,000	ND	100	540	100	ND	100	~	~	ND	100	620	100	270	100	9,500	100	~	~		
Antimony	NA	6	ND	7.5	ND	7.5	ND	7.5	~	~	ND	7.5	ND	7.5	ND	7.5	ND	7.5	~	~		
Arsenic	NA	50	ND	20	ND	20	ND	20	~	~	ND	20	ND	20	ND	20	ND	20	~	~		
Barium	NA	2,000	130	25	210	25	130	25	~	~	140	25	220	25	130	25	230	25	~	~		
Beryllium	NA	3	ND	4.0	ND	4.0	ND	4.0	~	~	ND	4	ND	4	ND	4	ND	4	~	~		
Cadmium	NA	10	ND	2.0	ND	2.0	ND	2.0	~	~	ND	2	ND	2	ND	2	ND	2	~	~		
Calcium	NA	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	NA	100	ND	25	ND	25	ND	25	~	~	ND	25	ND	25	ND	25	ND	25	~	~		
Cobalt	NA	NA	ND	10	ND	10	ND	10	~	~	ND	10	ND	10	ND	10	ND	10	~	~		
Copper	NA	1,000	ND	25	ND	25	ND	25	~	~	ND	25	ND	25	ND	25	34	25	~	~		
Iron	NA	600	2,600	150	1,200	150	770	150	~	~	4,500	150	32,000	150	8,400	150	19,000	150	~	~		
Lead	NA	50	ND	5.0	14	5.0	ND	5.0	~	~	ND	5	13	5	ND	5	150	5	~	~		
Magnesium	NA	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	NA	600	560	25	210	25	480	25	~	~	480	25	2,500	25	1,300	25	1,200	25	~	~		
Nickel	NA	200	ND	10	ND	10	ND	10	~	~	ND	10	ND	10	ND	10	15	10	~	~		

TABLE 4
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELLS - FEBRUARY 24, 2009)
River Plaza Shopping Center
130 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	**TAGM**	**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
Potassium	NA	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	NA	20			ND	25	ND	25	ND	25	~	~	ND	25	ND	25	ND	25	ND	25	~	~
Silver	NA	100			ND	10	ND	10	ND	10	~	~	ND	10	ND	10	ND	10	ND	10	~	~
Sodium	NA	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	NA	0.5			ND	5.0	ND	5.0	ND	5.0	~	~	ND	5	ND	5	ND	5	ND	5	~	~
Vanadium	NA	NA			ND	25	ND	25	ND	25	~	~	ND	25	ND	25	ND	25	ND	25	~	~
Zinc	NA	5,000			ND	25	ND	25	ND	25	~	~	ND	25	ND	25	ND	25	150	25	~	~
METALS - FILTERED																						
Mercury	NA	1.4			ND	0.20	ND	0.20	ND	0.2	~	~	ND	0.2	ND	0.2	ND	0.2	ND	0.2	~	~
Aluminum	NA	2,000			ND	100	ND	100	ND	100	~	~	ND	100	ND	100	ND	100	ND	100	~	~
Antimony	NA	6			ND	7.5	ND	7.5	ND	7.5	~	~	ND	7.5	ND	7.5	ND	7.5	ND	7.5	~	~
Arsenic	NA	50			ND	20	ND	20	ND	20	~	~	ND	20	ND	20	ND	20	ND	20	~	~
Barium	NA	2,000			110	25	200	25	120	25	~	~	120	25	140	25	91	25	66	25	~	~
Beryllium	NA	3			ND	4.0	ND	4.0	ND	4	~	~	ND	4	ND	4	ND	4	ND	4	~	~
Cadmium	NA	10			ND	2.0	ND	2.0	ND	2	~	~	ND	2	ND	2	ND	2	ND	2	~	~
Calcium	NA	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	NA	100			ND	25	ND	25	ND	25	~	~	ND	25	ND	25	ND	25	ND	25	~	~
Cobalt	NA	NA			ND	10	ND	10	ND	10	~	~	ND	10	ND	10	ND	10	ND	10	~	~
Copper	NA	1,000			ND	25	ND	25	ND	25	~	~	ND	25	ND	25	ND	25	ND	25	~	~
Iron	NA	600			ND	150	ND	150	ND	150	~	~	ND	150	5,000	150	ND	150	320	150	~	~
Lead	NA	50			ND	5.0	ND	5.0	ND	5	~	~	ND	5	ND	5	ND	5	ND	5	~	~
Magnesium	NA	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	NA	600			550	25	170	25	460	25	~	~	490	25	2,400	25	1,300	25	880	25	~	~
Nickel	NA	200			ND	10	ND	10	ND	10	~	~	ND	10	ND	10	ND	10	ND	10	~	~
Potassium	NA	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	NA	20			ND	25	ND	25	ND	25	~	~	ND	25	ND	25	ND	25	ND	25	~	~
Silver	NA	100			ND	10	ND	10	ND	10	~	~	ND	10	ND	10	ND	10	ND	10	~	~
Sodium	NA	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	NA	0.5			ND	5.0	ND	5.0	ND	5	~	~	ND	5	ND	5	ND	5	ND	5	~	~
Vanadium	NA	NA			ND	25	ND	25	ND	25	~	~	ND	25	ND	25	ND	25	ND	25	~	~
Zinc	NA	5,000			ND	25	ND	25	ND	25	~		ND	25	ND	25	ND	25	ND	25	~	~
PCBs																						
Aroclor (Total)	0.1	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	0.1	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	0.1	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	0.1	0.9			ND	0.27	ND	0.27	ND	0.27	~	~	ND	0.25	ND	0.25	ND	0.25	ND	0.25	~	~
Aroclor-1242	0.1	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	0.1	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	0.1	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	0.1	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	0.1	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	0.1	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	0.01	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	0.05	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	0.05	NA			ND	0.011	ND	0.011	ND	0.011	~	~	ND	0.01	ND	0.01	ND	0.01	0.19	0.01	ND	0.011
Chlordane	0.1	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	0.05	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

TABLE 4
GROUNDWATER SAMPLING AND ANALYSES DATA SUMMARY (MONITOR WELLS - FEBRUARY 24, 2009)
River Plaza Shopping Center
130 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	**TAGM**	**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
Dieldrin	0.01	0.004		ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	**0.024**	**D**	**0.011**
Endosulfan I	0.1	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	0.1	NA		ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	0.10		0.011
Endosulfan Sulfate	0.1	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	0.01	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	NA	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	NA	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	0.05	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	0.01	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	0.01	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	35		ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	0.044		0.011
p,p'-DDD	0.01	0.3		ND		0.011	ND		0.011	ND		0.011	~		~	ND		0.01	ND		0.01	ND		0.01	ND		0.01	**0.021**		**0.011**
p,p'-DDE	0.01	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	0.01	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	NA	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	NA	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 TAGM and/or 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
TAGM - NYSDEC Technical and Administrative Guidance Memorandum #4046 Groundwater 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.

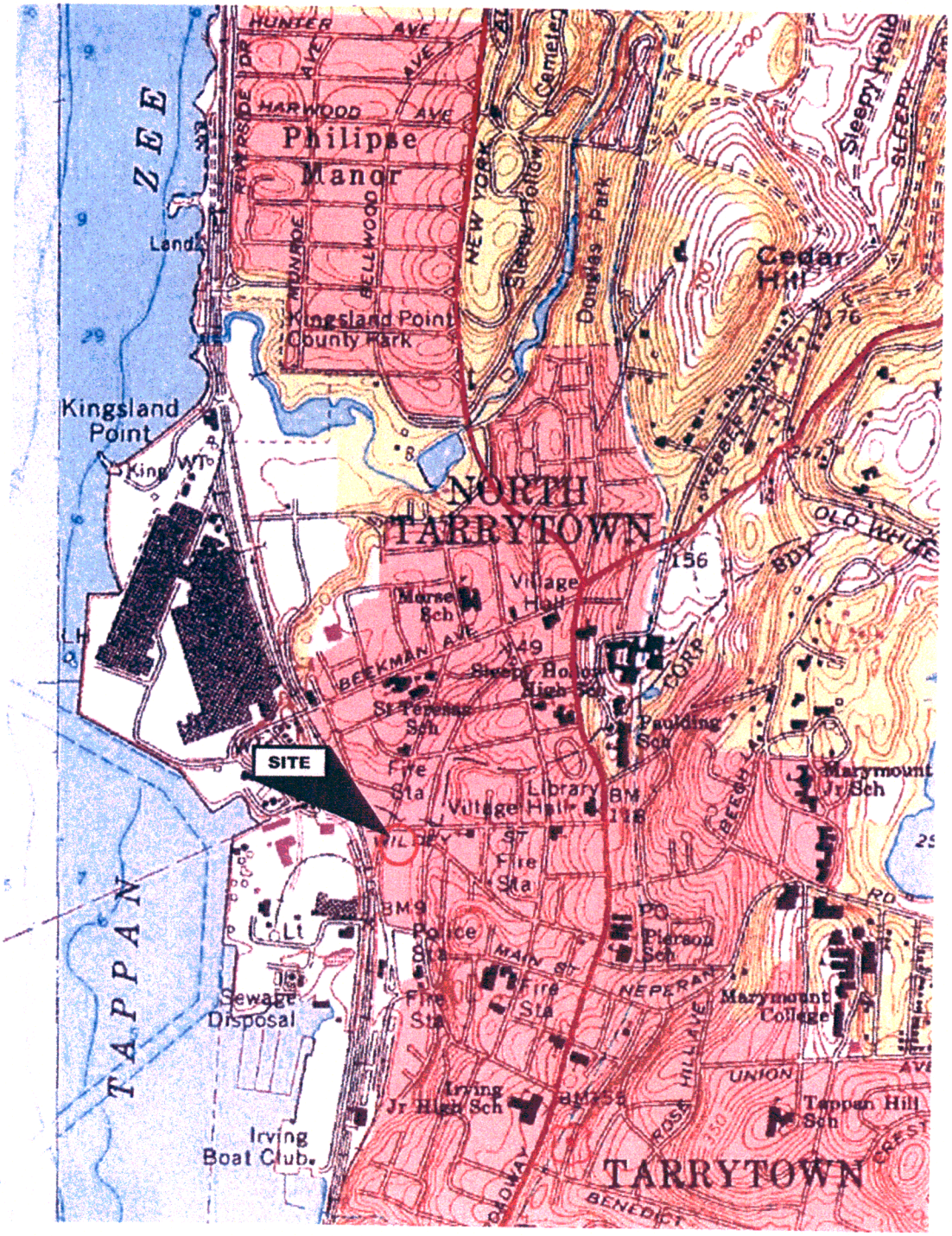
TABLE 5
Groundwater Level Measurements

TABLE 5
GROUNDWATER LEVEL MEASUREMENTS
River Plaza Shopping Center
130 Wildey Street
Tarrytown, Westchester County, New York

Well #	Screened Interval (fbgs)	Top of Casing (feet asl)*	Date	Depth to Groundwater (feet asl)	Groundwater Elevation (feet asl)
MW-1	5 - 12	11.41	2-24-09	5.79	5.62
			4-2-09	5.61	5.80
			4-24-09	5.35	6.06
MW-2	5 - 12	11.13	2-24-09	5.60	5.53
			4-2-09	5.44	5.69
			4-24-09	5.07	6.06
MW-3	5 - 12	10.88	2-24-09	5.27	5.61
			4-2-09	5.46	5.42
			4-24-09	5.22	5.66
MW-4	5 - 12	11.69	2-24-09	5.84	5.85
			4-2-09	5.70	5.99
			4-24-09	5.51	6.18
MW-5	5 - 15	10.76	2-24-09	5.99	4.77
			4-2-09	5.98	4.78
			4-24-09	5.72	5.04
MW-6	4 - 14	11.21	2-24-09	7.08	4.13
			4-2-09	7.02	4.19
			4-24-09	6.96	4.25
MW-7	5 - 15	12.36	2-24-09	6.11	6.25
			4-2-09	5.99	6.37
			4-24-09	5.77	6.59

NOTES:
asl above mean sea level
fbgs feet below ground surface
* Top of PVC casing elevation surveyed by DPK Consulting, LLC

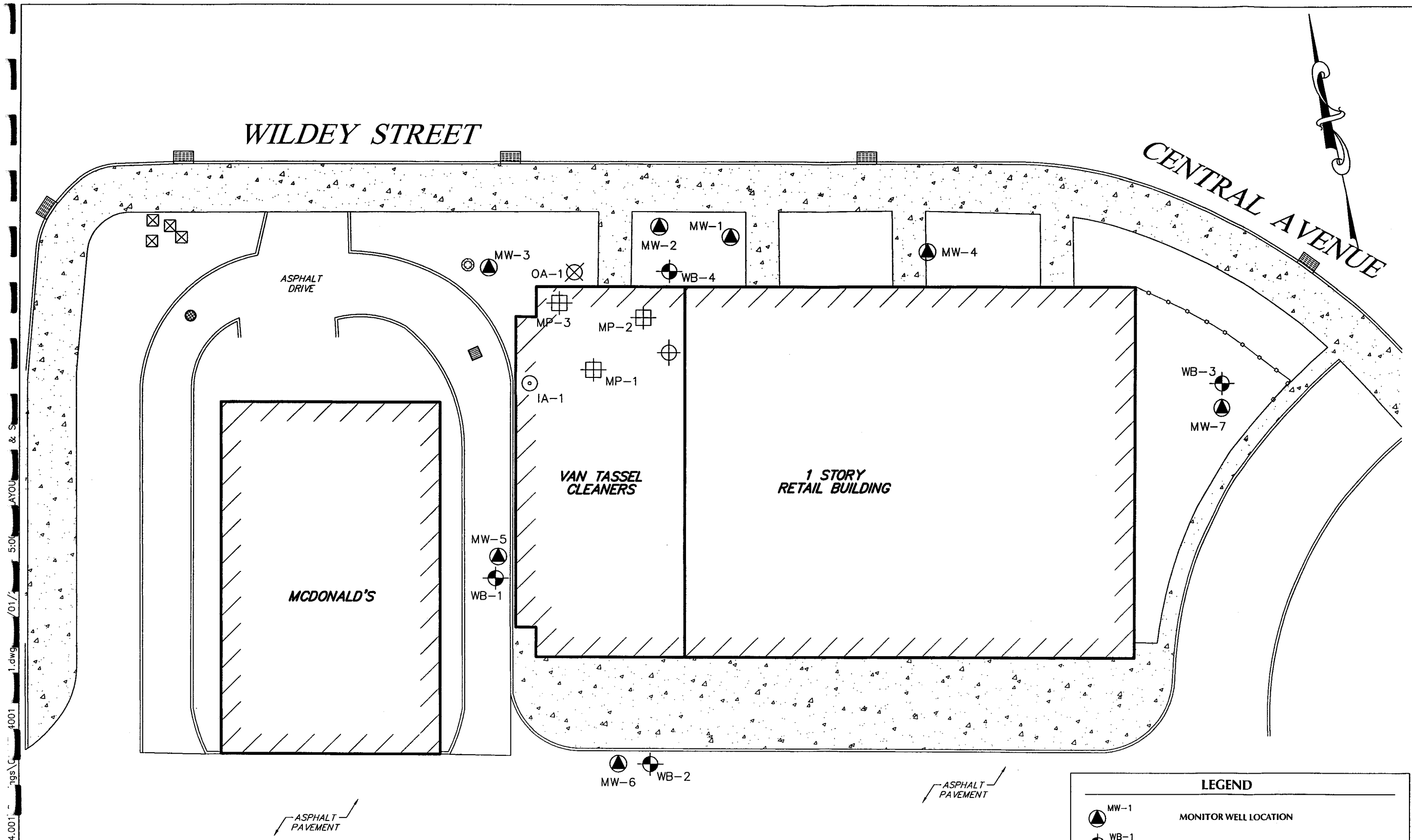
FIGURE 1
Site Location Map



TITLE: **Site Location Map**							
CLIENT: ACADIA TARRYTOWN, LLC							
PROJECT: River Plaza Shopping Center 130 Wildey Street Tarrytown, Westchester County, New York	PROJECT #: EJ0810744.001	BY: USGS	PROJ. MGR.: CS	DATE: 1979	SCALE: 1"=2,000'	FIGURE: 1	

WHITESTONE ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 ✦ 908.754.5936 FAX

FIGURE 2
Site Plan and Sample Location Map



NOTE:
SUB-SLAB DEPRESSURIZATION UNIT LOCATION MAY VARY BASED ON SITE CONDITIONS.

LEGEND

- MW-1 — MONITOR WELL LOCATION
- WB-1 — BORING LOCATION (APPROX.)
- MP-1 — SUB-SLAB SOIL VAPOR SAMPLE LOCATION (APPROX.)
- IA-1 — INDOOR AIR SAMPLE LOCATION (APPROX.)
- OA-1 — AMBIENT AIR SAMPLE LOCATION (APPROX.)
- PROPOSED SUB-SLAB DEPRESSURIZATION UNIT LOCATION (APPROX.)
- REFUSAL BORINGS (APPROX.)

REFERENCE

THIS PLAN IS BASED UPON A MARCH 10, 2009 MONITORING WELL LOCATION MAP PREPARED BY DPK CONSULTING, LLC

WHITESTONE ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 • 908.754.5936 FAX

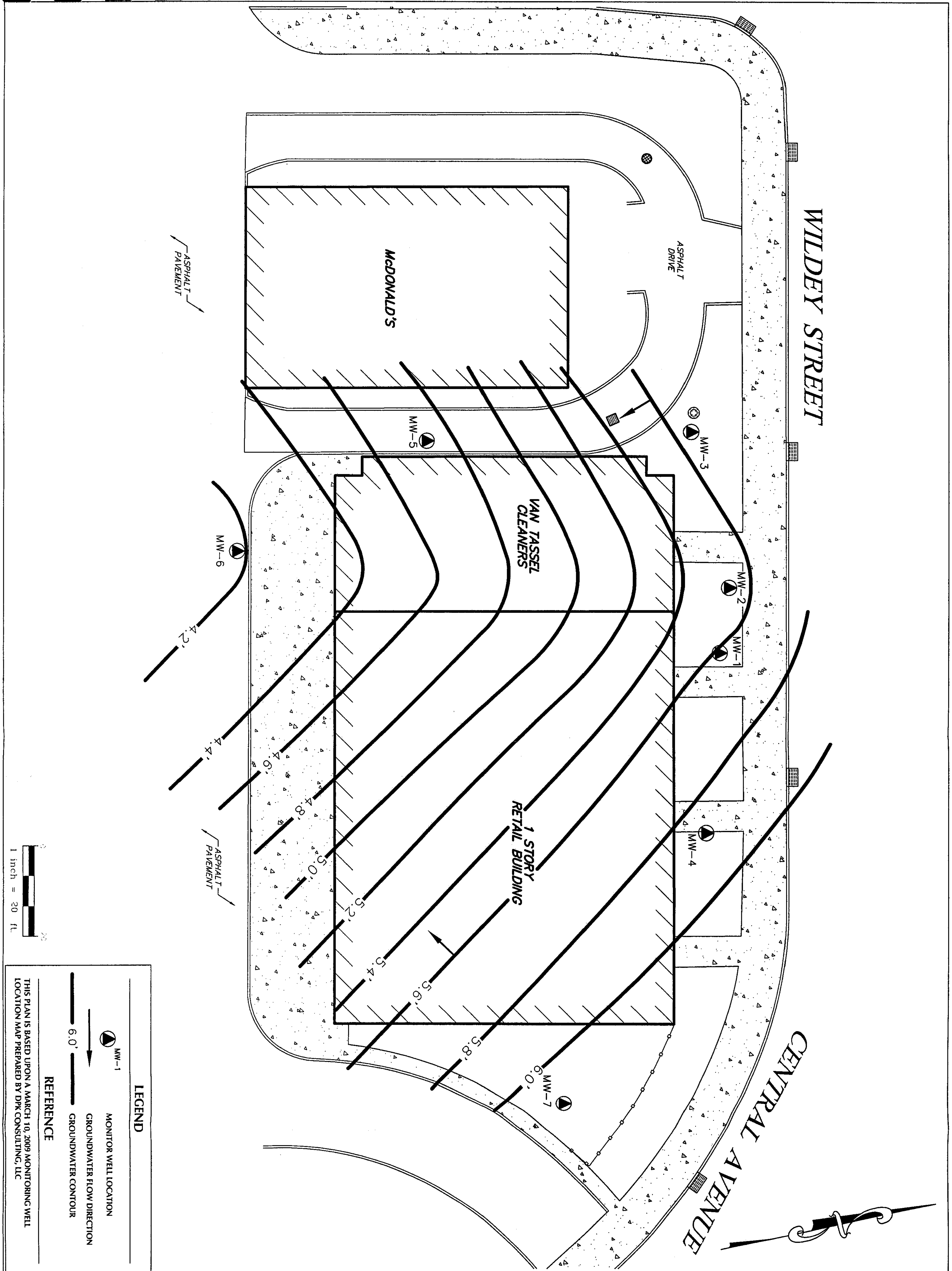
FIGURE:	2
SCALE:	1" = 20'
DATE:	5/15/09
PROJ. MGR.:	CS
BY:	RP
PROJECT #:	EJ0810744.001

TITLE: **SITE PLAN AND SAMPLE LOCATION MAP**

CLIENT: ACADIA TARRYTOWN, LLC

PROJECT: RIVER PLAZA SHOPPING CENTER
130 WILDEY STREET
TARRYTOWN, WESTCHESTER COUNTY, NEW YORK

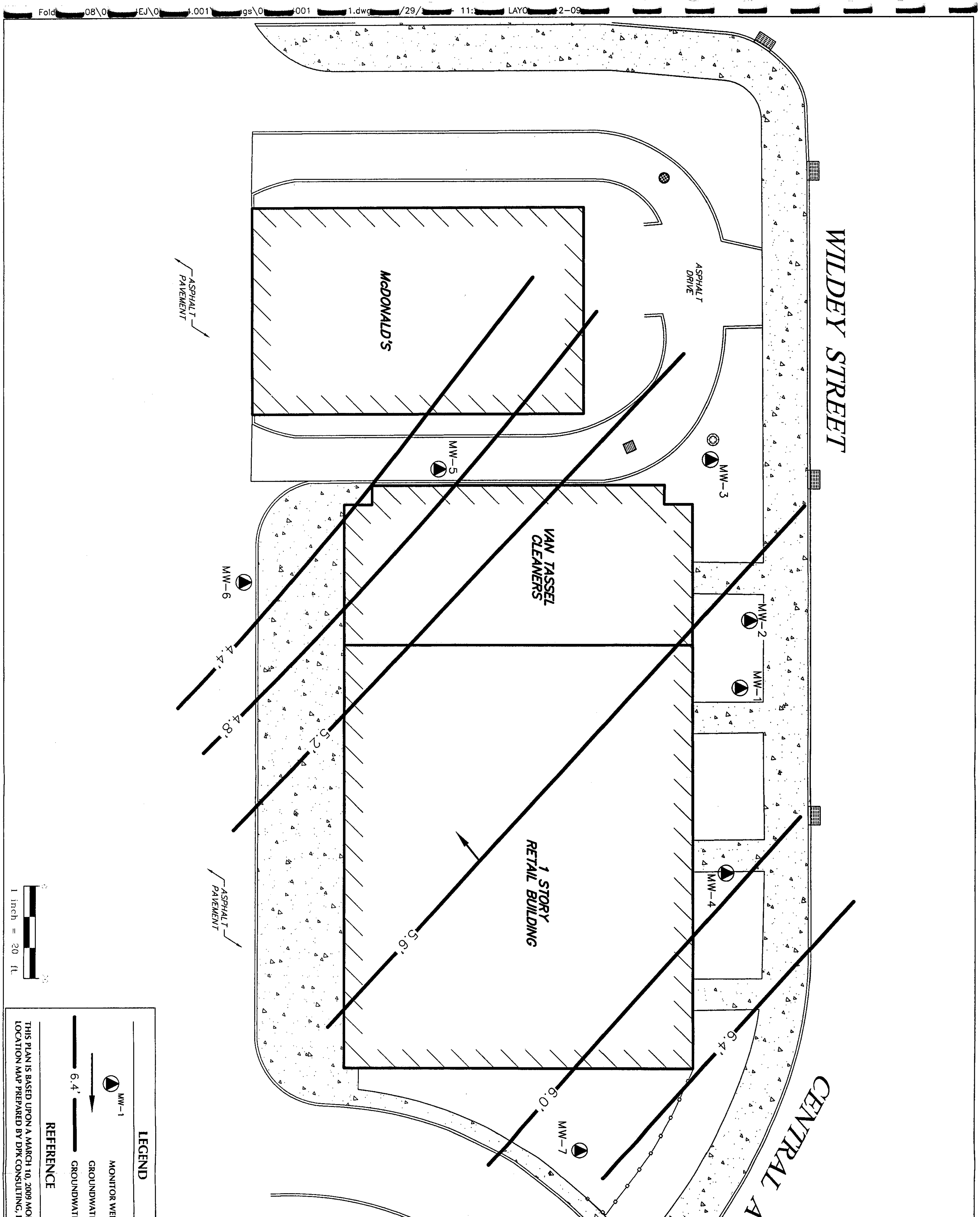
FIGURE 3
Groundwater Contour Map
(Measured February 24, 2009)



TITLE: GROUNDWATER CONTOUR MAP (MEASURED FEBRUARY 24, 2009)		WHITESTONE ASSOCIATES, INC. 35 TECHNOLOGY DRIVE WARREN, NEW JERSEY 07059 908.668.7777 • 908.754.5936 FAX				
CLIENT: ACADIA TARRYTOWN, LLC						
PROJECT: RIVER PLAZA SHOPPING CENTER 130 WILDEY STREET TARRYTOWN, WESTCHESTER COUNTY, NEW YORK	PROJECT #: EJ0810744.001	BY: RP	PROJ. MGR.: CS	DATE: 5/15/09	SCALE: 1" = 20'	FIGURE: 3

FIGURE 4
Groundwater Contour Map
(Measured April 2, 2009)

Fold[redacted]08\0[redacted]EJ\0[redacted].001[redacted]gs\0[redacted]001 [redacted]1.dwg[redacted]/29/[redacted] 11:[redacted] LAYO[redacted]2-09[redacted]



TITLE:

GROUNDWATER CONTOUR MAP (MEASURED APRIL 2, 2009)

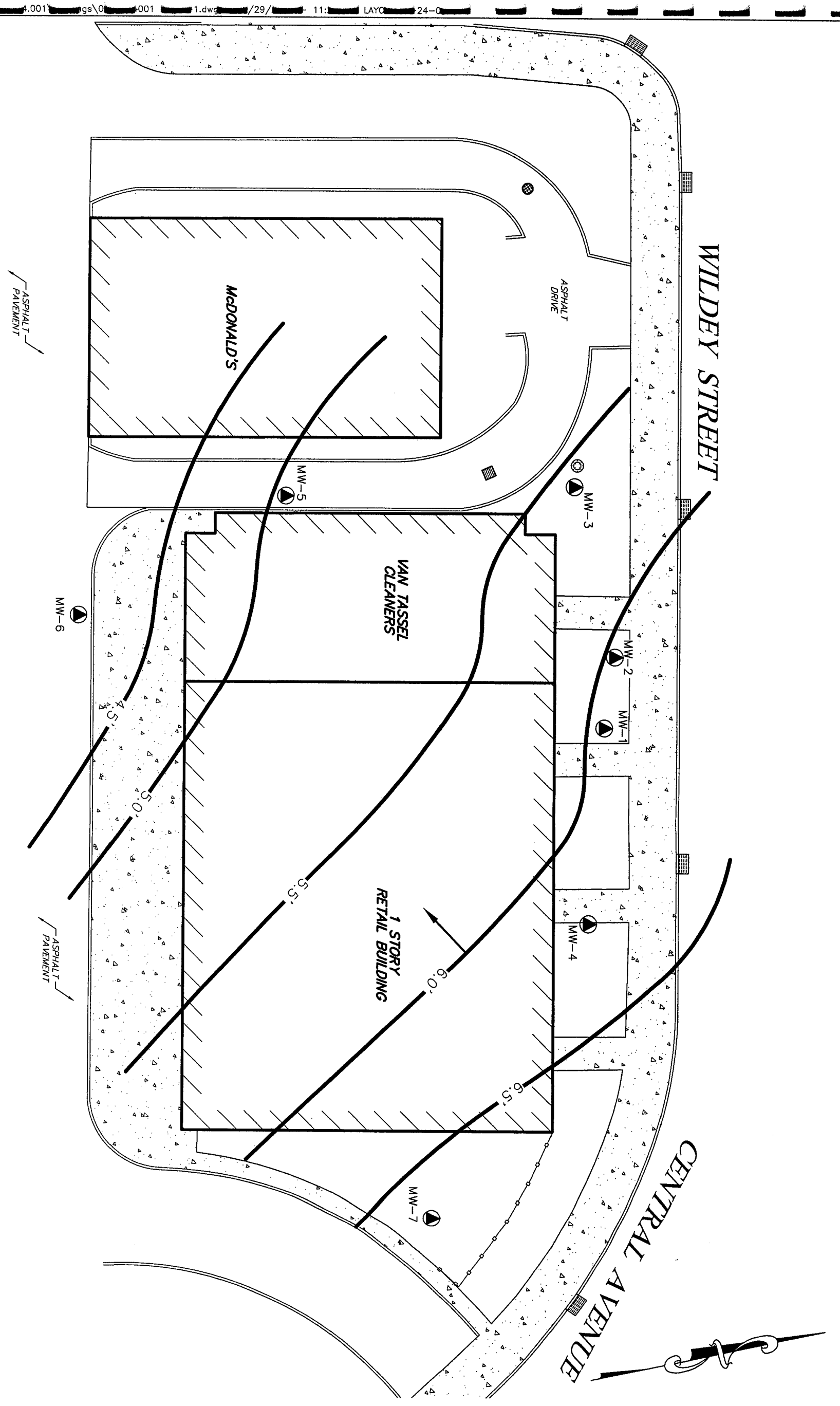
WHITESTONE ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 • 908.754.5936 FAX

CLIENT: ACADIA TARRYTOWN, LLC

PROJECT: RIVER PLAZA SHOPPING CENTER
130 WILDEY STREET
TARRYTOWN, WESTCHESTER COUNTY, NEW YORK

PROJECT #:	BY:	PROJ. MGR.:	DATE:	SCALE:	FIGURE:
EJ0810744.001	RP	CS	4/07/09	1" = 20'	4

FIGURE 5
Groundwater Contour Map
(Measured April 24, 2009)



TITLE:

GROUNDWATER CONTOUR MAP (MEASURED APRIL 24, 2009)

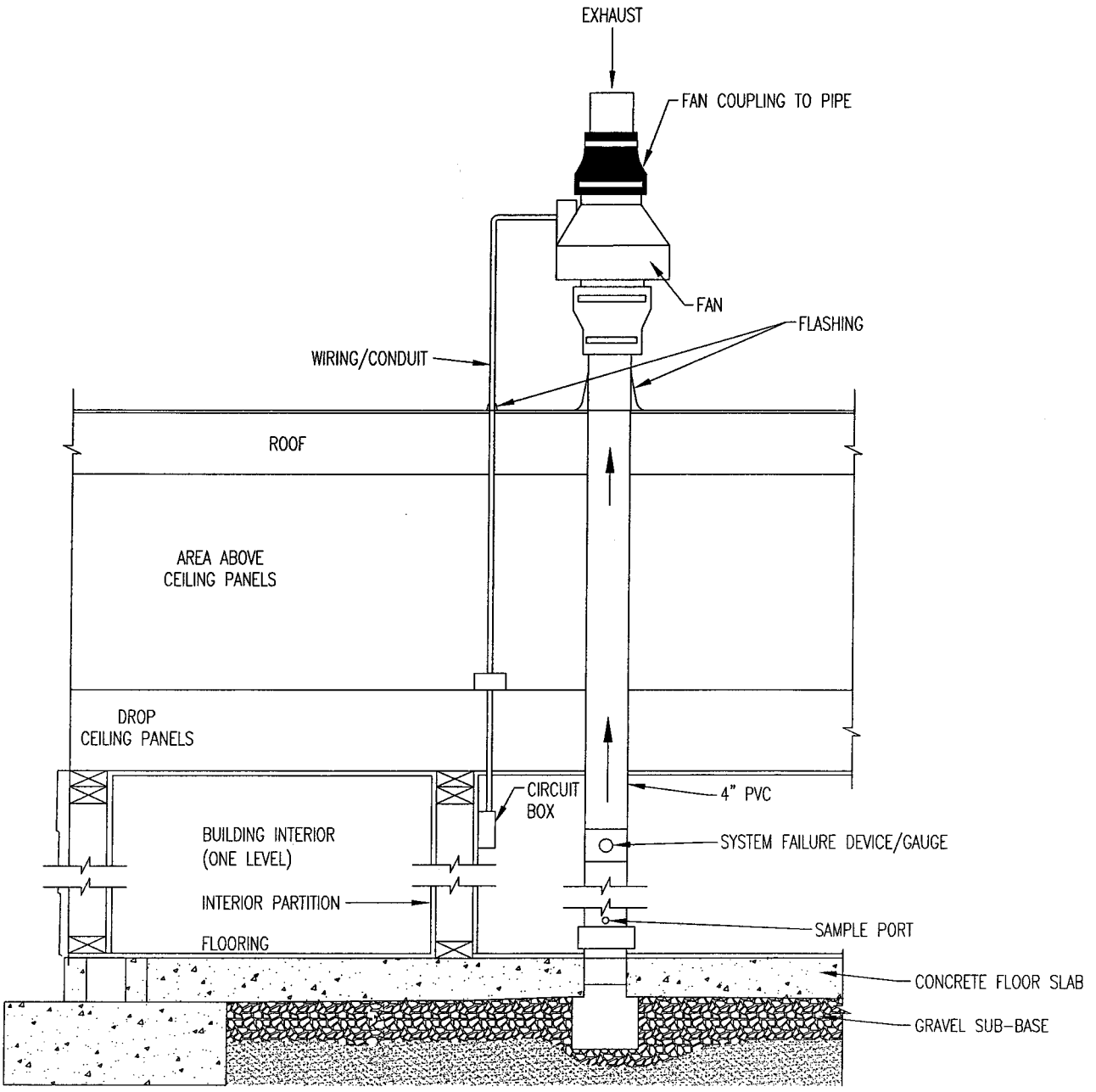
CLIENT: ACADIA TARRYTOWN, LLC

PROJECT: RIVER PLAZA SHOPPING CENTER
130 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:
EJ0810744.001	RP	CS	4/07/09	1" = 20'	5

FIGURE 6
Sub-Slab Depressurization
Unit Detail



NOTE:
DEPENDING ON SITE CONDITIONS, FAN MAY BE INSTALLED ON EXTERIOR SIDE OF BUILDING RATHER THAN ABOVE ROOF.

TITLE:
SUB-SLAB DEPRESSURIZATION UNIT DETAIL

CLIENT: ACADIA TARRYTOWN, LLC

WHITESTONE ASSOCIATES, INC.
35 TECHNOLOGY DRIVE
WARREN, NEW JERSEY 07059
908.668.7777 • 908.754.5936 FAX

PROJECT:	PROJECT #:	BY:	PROJ. MGR.:	DATE:	SCALE:	FIGURE:
RIVER PLAZA SHOPPING CENTER 130 WILDEY STREET TARRYTOWN, WESTCHESTER COUNTY, NEW YORK	EJ0810744.001	RP	CS	5/28/09	N.T.S.	6

APPENDIX A
Boring/Well Logs

WHITESTONE ASSOCIATES, INC.

RECORD OF SUBSURFACE EXPLORATION

Boring No.: WB - 1

Project:	**River Plaza Shopping Center**	WAI Project No.:	**EJ0810744.001**
Location:	**130 Wildey Street, Tarrytown, New York**	Client:	**Acadia Tarrytown, LLC**
Surface Elevation:	**NS**	Date Started:	**1/13/09**
Termination Depth:	**30.0 feet bgs**	Date Completed:	**1/13/09**
Drilling Method:	**Geoprobe**	Logged By:	**D. Kapson**
Test Method:	**Macro-Core**	Contractor:	**Enviroprobe Services, Inc.**
		Machine:	**Geoprobe 7720 DT**

Water Depths / Elevations (feet / feet-msl)

While Drilling:	7.5 ▽
At Completion:	7.12 ▽
24 Hours:	NA ▼

Depth (feet)	Strata	DESCRIPTION OF MATERIALS (Classification)	PID Readings (ppm)	Rec. (in.)	Depth (feet)
0.0	P	6" Asphalt and Subbase	0.0		0.0
	FILL	Gray Medium to Fine Sand, Some Silt, Little Gravel and Debris (Brick, Asphalt, and Wood Fragments)	0.0		
			0.0		
			0.0		
			0.0		
			0.0		
5.0		Gray Medium to Fine Sand, Some Silt and Schist Cobbles	0.0	48	5.0
	SAND	Dark Grayish Brown Fine Sand, Some Silt, Trace Fine Gravel	0.0		
	▽	Wet @ 7.5 fbgs	0.0		
	SILT	Dark Grayish Brown Silt, Trace Fine Sand, Saturated	0.0		
			0.0		
10.0			0.0	52	10.0
			0.0		
			0.0		
			0.0		
			0.0		
	PEAT	Dark Brownish Black Fibrous Peat, Little Silt and Clay	0.0		
15.0			0.0	50	15.0
	CLAY	Dark Gray Silty Clay, Trace Fine Sand	0.0		
			0.0		
	SAND	Dark Brownish Gray Fine Sand, Some Silt, Trace Clay and Fine Gravel	0.0		
20.0			0.0	54	20.0
			0.0		
			0.0		
	SILT	Brownish Gray Silt, Trace Clay and Fine Sand, Very Wet	0.0		
			0.0		
			0.0		
25.0				52	25.0

NOTES: NE = Not Encountered, NA = Not Applicable, NS = Not Surveyed, PID = Photoionization Detector

WHITESTONE ASSOCIATES, INC.

RECORD OF SUBSURFACE EXPLORATION

Boring No.: WB - 1

Project:	**River Plaza Shopping Center**	WAI Project No.:	**EJ0810744.001**
Location:	**130 Wildey Street, Tarrytown, New York**	Client:	**Acadia Tarrytown, LLC**
Surface Elevation:	**NS**	Date Started:	**1/13/09**
Termination Depth:	**30.0 feet bgs**	Date Completed:	**1/13/09**
Drilling Method:	**Geoprobe**	Logged By:	**D. Kapson**
Test Method:	**Macro-Core**	Contractor:	**Enviroprobe Services, Inc.**
		Machine:	**Geoprobe 7720 DT**

Water Depths / Elevations (feet / feet-msl)

While Drilling:	7.5 ▽
At Completion:	7.12 ▽
24 Hours:	NA ▼

Depth (feet)	Strata	DESCRIPTION OF MATERIALS (Classification)	PID Readings (ppm)	Rec. (in.)	Depth (feet)
25.0	SILT	Brownish Gray Silt, Trace Clay and Fine Sand	0.0 0.0 0.0 0.0		0.0
	CLAY	Light Gray Silty Clay, Trace Fine Sand, Very Dense	0.0		
30.0		Boring Terminated at a Depth of 30.0 Feet Below Ground Surface (fbgs) Soil Sample WB-1 Collected @ 18.5 fbgs to 19.0 fbgs @ 1015 Groundwater Sample WB-1GW Collected @ 1042		54	5.0
35.0					10.0
40.0					15.0
45.0					20.0
50.0					25.0

NOTES: NE = Not Encountered, NA = Not Applicable, NS = Not Surveyed, PID = Photoionization Detector

WHITESTONE ASSOCIATES, INC.

RECORD OF SUBSURFACE EXPLORATION

Boring No.: WB-2

Project:	**River Plaza Shopping Center**	WAI Project No.:	**EJ0810744.001**
Location:	**130 Wildey Street, Tarrytown, New York**	Client:	**Acadia Tarrytown, LLC**
Surface Elevation:	**NS**	Date Started:	**2/20/09**
Termination Depth:	**25.0 feet bgs**	Date Completed:	**2/20/09**
Drilling Method:	**Geoprobe**	Logged By:	**ECR**
Test Method:	**Macro-Core**	Contractor:	**Enviroprobe Services, Inc.**
		Machine:	**Geoprobe 7720 DT**

Water Depths / Elevations (feet / feet-msl)

While Drilling:	**10.0** ▼
At Completion:	**8.05** ▽
24 Hours:	**NA** ▼

Depth (feet)	Strata	DESCRIPTION OF MATERIALS (Classification)	PID Readings (ppm)	Rec. (in.)	Depth (feet)
0.0	P	Asphalt and Subbase	0.0		0.0
	FILL	Gray Coarse to Fine Sand, Some Silt, Little Gravel, Trace Concrete	0.0		
			0.0		
			0.0		
	SAND	Gray Coarse to Fine Sand, Trace Silt	0.0		
5.0			0.0	52	5.0
			0.0		
			0.0		
			0.0		
10.0			0.0	50	10.0
			0.0		
			0.0		
	CLAY	Gray Clay, Some Silt, Trace Coarse to Fine Sand	0.0		
15.0			0.0	54	15.0
	SAND	Grayish Brown Coarse to Fine Sand, Little Gravel, Trace Silt	0.0		
			0.0		
			0.0		
			0.0		
20.0			0.0	56	20.0
			0.0		
			0.0		
			0.0		
			0.0		
25.0			0.0	54	25.0
		Boring WB-2 Terminated at a Depth of 25.0 Feet Below Ground Surface (fbgs)			
		Soil Sample WB-2 Collected @ 15.0 fbgs to 15.5 fbgs @ 0955			
		Groundwater Sample WB-2GW Collected @ 1106			

NOTES: NE = Not Encountered, NA = Not Applicable, NS = Not Surveyed, PID = Photoionization Detector

WHITESTONE ASSOCIATES, INC.

RECORD OF SUBSURFACE EXPLORATION

Boring No.: WB-3

Project:	**River Plaza Shopping Center**	WAI Project No.:	**EJ0810744.001**
Location:	**130 Wildey Street, Tarrytown, New York**	Client:	**Acadia Tarrytown, LLC**
Surface Elevation:	**NS**	Date Started:	**2/19/09**
Termination Depth:	**25.0 feet bgs**	Date Completed:	**2/19/09**
Drilling Method:	**Geoprobe**	Logged By:	**ECR**
Test Method:	**Macro-Core**	Contractor:	**Enviroprobe Services, Inc.**
		Machine:	**Geoprobe 7720 DT**

Water Depths / Elevations (feet / feet-msl)

While Drilling:	**7.50** ▽
At Completion:	**6.83** ▽
24 Hours:	**NA** ▼

Depth (feet)	Strata	DESCRIPTION OF MATERIALS (Classification)	PID Readings (ppm)	Rec. (in.)	Depth (feet)
0.0	TS	Topsoil	0.0		0.0
	FILL	Gray Coarse to Fine Sand, Some Silt, Gravel and Concrete	0.0		
			0.0		
			0.0		
			0.0		
5.0			0.0	54	5.0
	SAND	Gray Coarse to Fine Sand, Little Silt	0.0		
			0.0		
			0.0		
			0.0		
10.0			0.0	53	10.0
			0.0		
			0.0		
	SILT/ CLAY	Gray Silt and Clay, Trace Coarse to Fine Sand	0.0		
			0.0		
15.0			0.0	56	15.0
	SAND	Gray Coarse to Fine Sand	0.0		
			0.0		
	PEAT/ CLAY	Peat and Clay	0.0		
			0.0		
20.0	SAND	Light Brownish Gray Coarse to Fine Sand, Trace Fine Gravel	0.0	58	20.0
			0.0		
			0.0		
			0.0		
25.0			0.0	57	25.0
		Boring WB-3 Terminated at a Depth of 25.0 Feet Below Ground Surface (fbgs) Soil Sample WB-3 Collected at 19.5 fbgs to 20.0 fbgs @ 1150 Groundwater Sample WB-3GW Collected @ 1310			

NOTES: NE = Not Encountered, NA = Not Applicable, NS = Not Surveyed, PID = Photoionization Detector

WHITESTONE ASSOCIATES, INC.

RECORD OF SUBSURFACE EXPLORATION

Boring No.: WB-4

Project:	**River Plaza Shopping Center**	WAI Project No.:	**EJ0810744.001**
Location:	**130 Wildey Street, Tarrytown, New York**	Client:	**Acadia Tarrytown, LLC**
Surface Elevation:	**NS**	Date Started:	**2/19/09**
Termination Depth:	**25.0 feet bgs**	Date Completed:	**2/19/09**
Drilling Method:	**Geoprobe**	Logged By:	**ECR**
Test Method:	**Macro-Core**	Contractor:	**Enviroprobe Services, Inc.**
		Machine:	**Geoprobe 7720 DT**

Water Depths / Elevations (feet / feet-msl)

While Drilling:	9.00 ▼
At Completion:	6.35 ▽
24 Hours:	NA ▼

Depth (feet)	Strata	DESCRIPTION OF MATERIALS (Classification)	PID Readings (ppm)	Rec. (in.)	Depth (feet)
0.0	P	Asphalt and Subbase	0.0		0.0
	FILL	Light Gray Coarse to Fine Sand, Little Silt and Gravel, Trace Concrete	0.0		
			0.0		
	SAND	Light Gray Coarse to Fine Sand, Trace Silt	0.0		
			0.0		
5.0			0.0	54	5.0
			0.0		
			0.0		
			0.0		
			0.0		
10.0			0.0	55	10.0
			0.0		
			0.0		
			0.0		
	SILT/ CLAY	Gray Silt and Clay, Trace Coarse to Fine Sand	0.0		
15.0	SAND	Gray Coarse to Fine Sand	0.0	56	15.0
			0.0		
			0.0		
	PEAT/ CLAY	Peat and Clay	0.0		
			0.0		
20.0	SAND	Gray Coarse to Fine Sand	0.0	58	20.0
			0.0		
			0.0		
			0.0		
25.0			0.0	54	25.0
		Boring WB-4 Terminated at a Depth of 25.0 Feet Below Ground Surface (fbgs) Soil Sample WB-4 Collected at 20.0 fbgs to 20.5 fbgs @ 1005 Groundwater Sample WB-4GW Collected @ 1133			

NOTES: NE = Not Encountered, NA = Not Applicable, NS = Not Surveyed, PID = Photoionization Detector

Whitestone Associates, Inc.
35 Technology Drive, Warren, NJ 07059
Phone: (908) 668-7777 Fax:(908) 754-5936

Job #:	EJ0810744.001
Well #:	MW-5
Start Date:	01/13/09

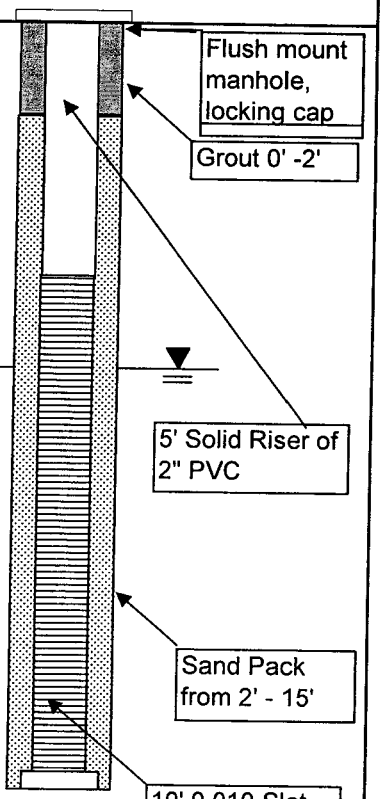
Site:	River Plaza Shopping Center (Off-Site McDonald's Portion)
Well Permit #:	NA
Completion Date:	01/13/09
Geologist:	Dustin Kapson
Drilling Co.:	Enviroprobe Services, Inc.
Driller/Helper:	Mike Nally
Drill Rig:	Geoprobe 7720DT
Drilling Method:	Hollow Stem Auger
Type of Bit:	Auger
Sampler Type:	Split Spoon
G.W. Encountered:	7.5'
G.W. Stabilized:	6.82
Well Depth:	15.0'
Depth to Rim:	
Borehole Diameter:	6"
Well Diameter:	2"

WELL LOCATION SKETCH (N.T.S)

Solid Riser:	0.0' - 5.0'
Screen Interval/Screen Type:	5.0' - 15.0'
Grout: 0.0' - 2.0'	**Sand Pack/Open Borehole:** 2.0' - 15.0'

DEPTH (FT.)	SAMPLE ID AND DEPTH	PID/FID/OUA (METER UNITS)	BLOWS/6.0	RECOVERY (INCHES)	SOIL TYPE	SOIL/GEOLOGICAL DESCRIPTION
1		0.0			P	6" Asphalt and Subbase
					FILL	Gray Medium to Fine Sand, Some Silt, Little Gravel and Debris (Brick, Asphalt, and Wood Fragements)
2		0.0		20		
3		0.0				
4		0.0		18		
5		0.0				Gray Medium to Fine Sand, Some Silt and Schist Cobbles
6		0.0		22	SAND	Dark Grayish Brown Fine Sand, Some Silt, Dense
7		0.0				Wet @ 7.5 fbgs
8		0.0		20		
9		0.0				
10		0.0		22		
11		0.0				
12		0.0		24		
13		0.0				
14		0.0		22		
15		0.0		10	PEAT	Dark Brownish Black Fibrous Peat, Little Silt and Clay, Very Dense
16		0.0				Total Depth of Well 15.0' Below Ground Surface
17		0.0				Soil Sample MW-5 Collected @ 13.5 fbgs to 14.0 fbgs @ 1124
18						
19						
20						
21						
22						
23						
24						
25						

WELL CONSTRUCTION DIAGRAM (N.T.S)



Whitestone Associates, Inc.
35 Technology Drive, Warren, NJ 07059
Phone: (908) 668-7777 Fax:(908) 754-5936

Job #:	EJ0810744.001
Well #:	MW-6
Start Date:	02/20/09

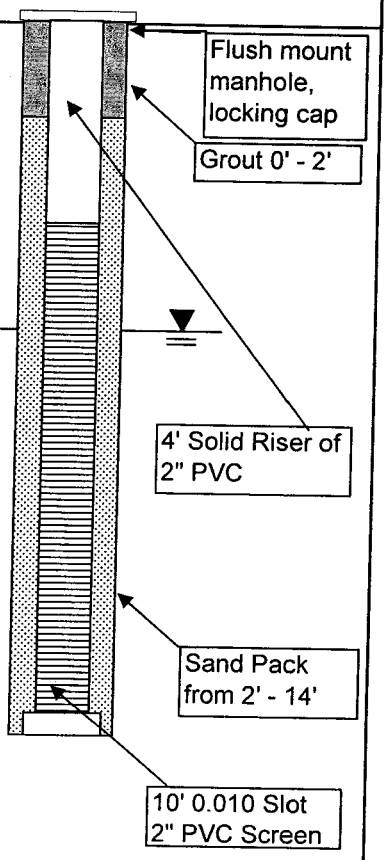
Site: River Plaza Shopping Center
Well Permit #: NA
Completion Date: 02/20/09
Geologist: Erik Colonna-Romano
Drilling Co.: Enviroprobe Services, Inc.
Driller/Helper: Mike Nally
Drill Rig: Geoprobe 7720DT
Drilling Method: Hollow Stem Auger
Type of Bit: Auger
Sampler Type: Split Spoon
G.W. Encountered: 10.0'
G.W. Stabilized: 6.0'
Well Depth: 14.0'
Depth to Rim:
Borehole Diameter: 6"
Well Diameter: 2"

WELL LOCATION SKETCH (N.T.S)

Solid Riser: 0.0' - 4.0'
Screen Interval/Screen Type: 4.0' - 14.0'
Grout: 0.0' - 2.0'
Sand Pack/Open Borehole: 2.0' - 14.0'

DEPTH (FT.)	SAMPLE ID AND DEPTH	PID/FID/OUA (METER UNITS)	BLOWS/6.0	RECOVERY (INCHES)	SOIL TYPE	SOIL/GEOLOGICAL DESCRIPTION
1		0.0			P	6" Asphalt and Subbase
2		0.0		18	FILL	Gray Coarse to Fine Sand, Some Silt, Little Gravel, Trace Concrete
3		0.0				
4		0.0		18		
5		0.0			SAND	Gray Coarse to Fine Sand, Trace Silt
6		0.0		20		
7		0.0				
8		0.0		22		
9		0.0				
10		0.0		22		
11		0.0				
12		0.0		22		
13		0.0				
14		0.0		10	CLAY	Gray Clay at Base, Some Silt, Trace Coarse to Fine Sand
15						Total Depth of Well 14.0' Below Ground Surface
16						Soil Sample MW-6S Collected at 13.0 fbgs to 13.5 fbgs @1300
17						
18						
19						
20						
21						
22						
23						
24						
25						

WELL CONSTRUCTION DIAGRAM (N.T.S)



Whitestone Associates, Inc.
35 Technology Drive, Warren, NJ 07059
Phone: (908) 668-7777 Fax:(908) 754-5936

Job #:	EJ0810744.001
Well #:	MW-7
Start Date:	02/19/09

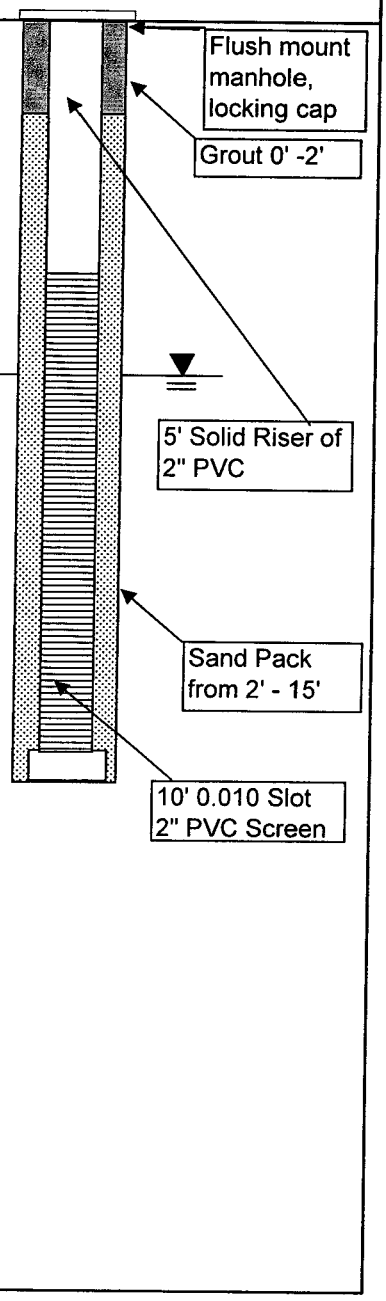
Site: River Plaza Shopping Center
Well Permit #: NA
Completion Date: 02/19/09
Geologist: Erik Colonna-Romano
Drilling Co.: Enviroprobe Services, Inc.
Driller/Helper: Mike Nally
Drill Rig: Geoprobe 7720DT
Drilling Method: Hollow Stem Auger
Type of Bit: Auger
Sampler Type: Split Spoon
G.W. Encountered: 7.5'
G.W. Stabilized: 7.0'
Well Depth: 15.0'
Depth to Rim:
Borehole Diameter: 6"
Well Diameter: 2"

WELL LOCATION SKETCH (N.T.S)

Solid Riser: 0.0' - 5.0'
Screen Interval/Screen Type: 5.0' - 15.0'
Grout: 0.0' - 2.0'
Sand Pack/Open Borehole: 2.0' - 15.0'

DEPTH (FT.)	SAMPLE ID AND DEPTH	PID/FID/OUA (METER UNITS)	BLOWS/6.0	RECOVERY (INCHES)	SOIL TYPE	SOIL/GEOLOGICAL DESCRIPTION
1		0.0			TS	Topsoil
2		0.0		20	FILL	Gray Coarse to Fine Sand, Some Silt, Gravel and Concrete
3		0.0				
4		0.0		18		
5		0.0				
6		0.0		22	SAND	Gray Coarse to Fine Sand, Little Silt
7		0.0				
8		0.0		20		
9		0.0				
10		0.0		22		
11		0.0				
12		0.0		24		
13		0.0				
14		0.0		22	CLAY	Gray Silt and Clay, Trace Coarse to Fine Sand
15		0.0		12		
16						Total Depth of Well 15.0' Below Ground Surface
17						
18						Soil Sample MW-7S Collected @ 12.5 fbgs to 13.0 fbgs @ 1430
19						
20						
21						
22						
23						
24						
25						

WELL CONSTRUCTION DIAGRAM (N.T.S)



APPENDIX B
Laboratory Analytical Results
(See Attached CD)

APPENDIX C
Data Validation Reports

Whitestone Associates
35 Technology Drive.
Warren, NJ 07059

April 25, 2009

RE: Statement of Qualifications (SOQ)

Dear Keith Tockman:

Enclosed is my Statement of Qualifications as requested. I have been performing data validation since 1989. I started working privately from my home office in 1995 and have been consulting for a variety of engineering firms. I would like to state, for your records, that I am not associated with the responsible party, its consultant or the laboratory. Please call if you have any questions.

Sincerely,

Valerie A. Smith
2015 N Gibson Peak Pl
HC6 Box 1475L
Payson, AZ 85541
Tele#: 928-468-9100
EMAIL: tufguy96@usa.com

Valerie A. Smith
2015 N Gibson Peak Place
Payson, AZ 85541
(928) 468-9100

DATA VALIDATION

STATEMENT OF QUALIFICATIONS

Certified on April 10, 1989 by the U.S. EPA Region II in the validation of Contract Laboratory Program (CLP) data for organic analyses.

Certified on October 23, 1990 by the U.S. EPA Region II in the validation of CLP data for inorganic analyses.

Perform data validations, as per:

USEPA CLP Organic Format
USEPA CLP Inorganic Format
NJDEP CLP I Format
NJDEP Reduced Deliverable Format
NYSDEC Analytical Protocol Category B
Region III Innovative Approaches to Data Validation
Specific methods, for wet chemistry and physical parameters
Radiological (gamma spec., alpha spec., alpha/beta proportional counting)

EXPERIENCE

PRIVATE CONSULTANT, Payson, AZ, NJ (Home Office), NJ – 1996 - 2008
Data Validation – 10/96 - present

MALCOLM PIRNIE, INCORPORATED, Cranbury, NJ – 1991 - 1996
Data Validation – 6/91 to 10/96

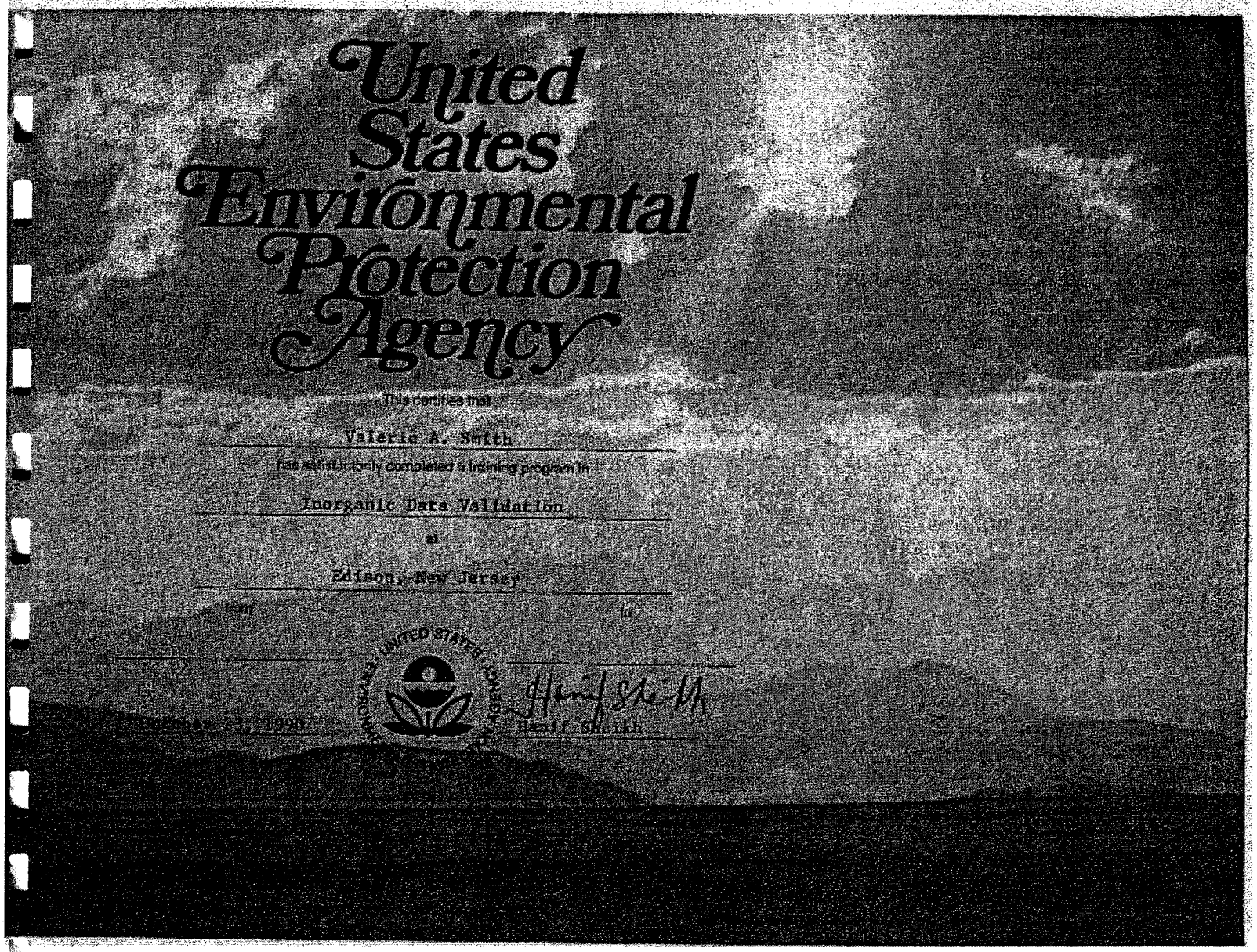
HALLIBURTON NUS CORPORATION, Edison, NJ - 1983 – 1991
Data Validation - 3/88 to 6/91

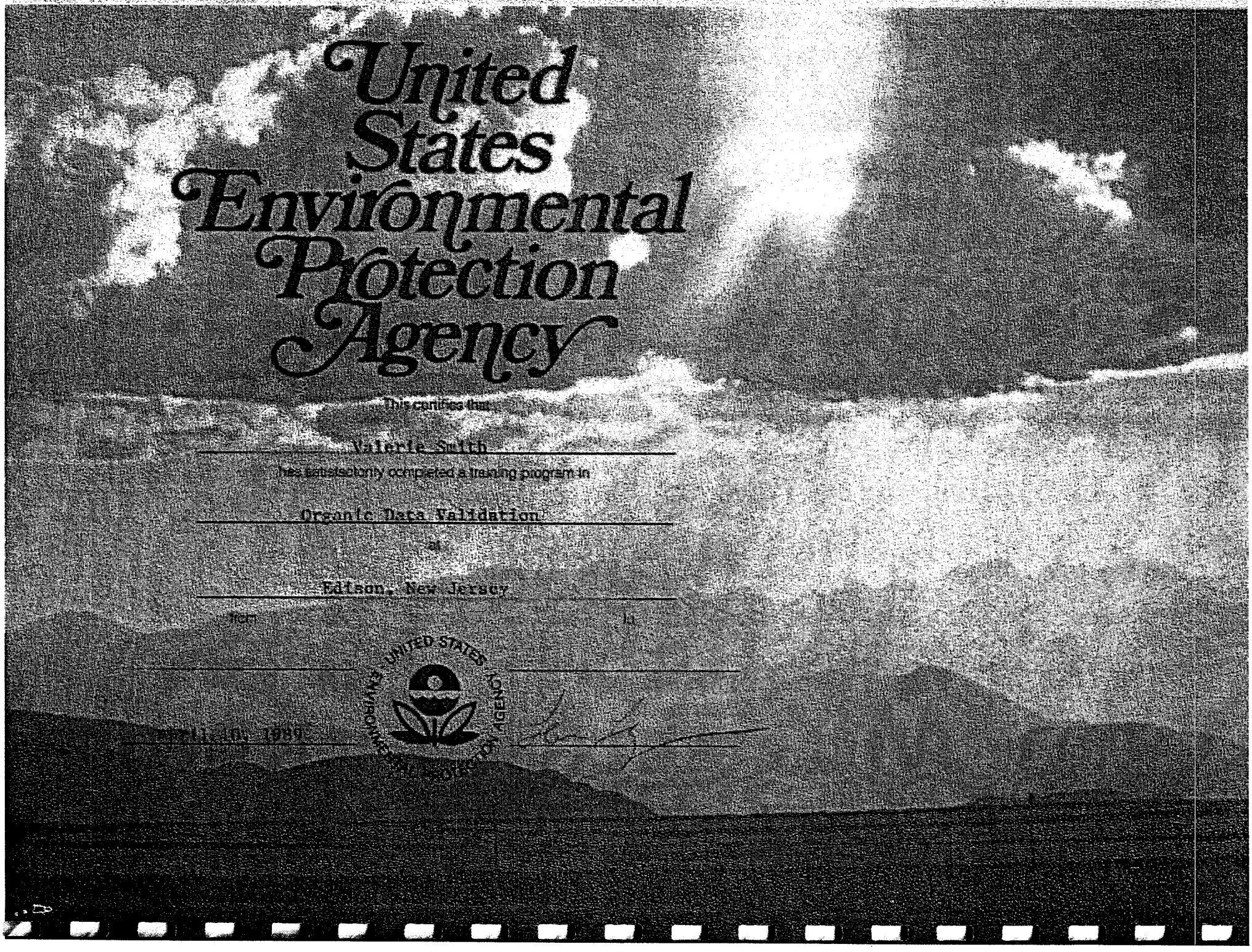
REFERENCES and PROJECT EXPERIENCE

CLIENT NAME: Malcolm Pirnie, Inc., Wilmington, DE
PROJECT NAME: Multiple Projects - May 1998 thru present
PROJECT MANAGER: Lisa Szegedi

CLIENT NAME: Killam Associates, Inc., Millburn, NJ
PROJECT NAME: Hertel Landfill – 2002 thru present
PROJECT MANAGER: Roy Redmond (973) 912-2446

CLIENT NAME: URS Greiner Woodward Clyde, Wayne, NJ
PROJECT NAME: Dynapac – 1998 thru 2004
PROJECT MANAGER: Jacek Leznicki (973) 812-6818


United States Environmental Protection Agency
This certifies that
Valerie A. Smith
has satisfactorily completed a training program in
Inorganic Data Validation
at
Edison, New Jersey
from
to
October 23, 1990
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Hazel Smith


United States Environmental Protection Agency
This certifies that
Valerie Smith
has satisfactorily completed a training program in
Organic Data Validation
at
Edison, New Jersey
from
to
April 10, 1989
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATA USABILTY SUMMARY REPORT

Project Site: Tarrytown Site
Sample Matrix: Indoor and Outdoor Air
Laboratory: York Analytical Laboratories
Lab Project Number(s): 08030973

INTRODUCTION

A total of five (5) air samples found in Laboratory Project Number 08030973 were collected from the Tarrytown Site on 3/26/08. All of these samples were analyzed for Volatiles via method TO-15.

Valerie Smith, a certified USEPA Region II data validator, reviewed the laboratory data. The data were evaluated for compliance with the appropriate methodologies and a screening validation, based upon the summarized laboratory results, was performed in accordance with the method and the current USEPA Region II Data Validation Guidelines as per the NYSDEC DUSR document.

The samples, matrix and type of analyses performed are as follows:

Case No.	Client ID	Lab ID	Matrix
08030973:	Monitoring Pt.#1	-01	Air
	Monitoring Pt.#2	-02	Air
	Monitoring Pt.#3	-03	Air
	Indoor Ambient	-04	Air
	Outdoor Ambient	-05	Air

TO-15 VOLATILES

The following quality control indicators, where applicable, were used to evaluate the usability of this data:

- **Sample Integrity**
- **Holding Time**
- **Matrix Spike, Laboratory Duplicate and Laboratory Control Sample (MS, LDUP, LCS)**
- **Surrogate Recovery**
- **Blank Contamination**
- **Mass Spectrometer Tuning (BFB)**
- **Initial and Continuing Calibration**
- **Internal Standards**
- **Compound Identification**
- **Diluted or Re-analyzed Sample Results**
- **Laboratory Problems/Non-conformance Issues**
- **Overall Assessment**

SAMPLE INTEGRITY - Samples were received at the laboratory intact, in the appropriate sample bottles showing no evidence of tampering. Sample paperwork was reviewed to determine that the samples being validated were indeed the ones collected from the site. The Chain of Custody was properly filled out including sampler's signature, date and time of sampling and analyses requested. Custody transfers between different parties was maintained.

HOLDING TIME - The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. **The holding time criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

DATA USABILTY SUMMARY REPORT

Project Site: Tarrytown Site
Sample Matrix: Indoor and Outdoor Air
Lab Project Number(s): 08030973

MS, LDUP and LCS – The LCS serves as a monitor of the overall precision and accuracy of each step during the analysis, including the sample preparation. **The MS and LCS criteria have been reviewed, there were no samples affected. It should be noted that 1,2-dichloroethane showed low recovery and 1,1,2,2-tetrachlorothane show high recovery in the MS sample, however the LCS was within criteria, therefore no further action was required. All data are considered to be valid and acceptable for these criteria.**

The LDUP showed a high RPD for methylene chloride, therefore this analyte was qualified estimated "J" unknown bias in the associated samples:

Methylene chloride "J" unknown bias - **Monitoring Pt.#1**
Monitoring Pt.#2
Monitoring Pt.#3
Indoor Ambient
Outdoor Ambient

SURROGATE RECOVERY - All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. **The surrogate recovery criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

BLANK CONTAMINATION - Quality assurance (QA) blanks, i.e., method blanks are prepared to identify any contamination that may have been introduced into the samples during sample preparation. Method blanks measure laboratory contamination. **The blank criteria have been reviewed. The samples/analytes affected are listed below:**

Methylene chloride "U" non-detect - **Monitoring Pt.#1**
Monitoring Pt.#2
Monitoring Pt.#3
Indoor Ambient
Outdoor Ambient

MASS SPECTROMETER TUNING - Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene. **The tuning and performance criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

INITIAL AND CONTINUING CALIBRATION - Satisfactory instrument calibration (IC) is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks (CCC) document that the instrument is giving satisfactory daily performance. **The initial calibration criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

The continuing calibration criteria have been reviewed. The samples/analytes affected are listed below:

DATA USABILTY SUMMARY REPORT

Project Site: Tarrytown Site
Sample Matrix: Indoor and Outdoor Air
Lab Project Number(s): 08030973

INITIAL AND CONTINUING CALIBRATION (continued)

The %D for dichlorodifluoromethane, 1,2-dichlorotetrafluoromethane, trichloro-fluoromethane, carbon tetrachloride, cis-1,2-dichloropropylene, 1,3-butadiene, bromodichloromethane and bromoform were >25 in CCC 4/3/08 @1203, therefore the associated results, which were non-detect, were qualified estimated "UJ" unknown bias:

dichlorodifluoromethane,
1,2-dichlorotetrafluoromethane,
trichloro-fluoromethane,
carbon tetrachloride,
cis-1,2-dichloropropylene, 1,3-butadiene,
bromodichloromethane and bromoform
"UJ" unknown bias - **Monitoring Pt.#1**
Monitoring Pt.#2
Outdoor Ambient

The %D for dichlorodifluoromethane, trichloro-fluoromethane, 1,1,1-trichloroethane, cis-1,2-dichloropropylene, trans-1,3-dichloropropylene, p&m xylenes, o-xylenes, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, 1,2,4-trichlorobenzene, hexachloro-1,3-butadiene, 1,3-butadiene, acetone, methyl ethyl ketone and bromodichloromethane were >25 in CCC 4/4/08 @1321, therefore the associated results, which were non-detect, were qualified estimated "UJ" unknown bias:

dichlorodifluoromethane, trichloro-fluoromethane,
1,1,1-trichloroethane, cis-1,2-dichloropropylene,
trans-1,3-dichloropropylene, p&m xylenes, o-xylenes,
1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene,
1,3-dichlorobenzene, 1,4-dichlorobenzene,
1,2-dichlorobenzene, 1,2,4-trichlorobenzene,
hexachloro-1,3-butadiene, 1,3-butadiene, acetone,
methyl ethyl ketone and bromodichloromethane
"UJ" unknown bias - **Monitoring Pt.#3**
Indoor Ambient

INTERNAL STANDARDS PERFORMANCE GC/MS - Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. **The IS criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

COMPOUND IDENTIFICATION - Compound identification and ion spectra match, chromatogram quality and evaluation of retention time windows were evaluated to determine whether there are any interfering unknowns present which prevent identification of the target compounds. **The compound identification criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

DILUTED OR RE-ANALYZED SAMPLE RESULTS – The data packages contained some samples that were diluted due to results being out of linear range. Upon reviewing the QA results, the following samples/results were identified for use:

It should be noted that the canisters were pressurized with humidified ultra-high purity nitrogen, which was necessary to allow proper introduction of the sample into the system. Due to this requirement the samples became slightly diluted and the dilution factors have been noted.

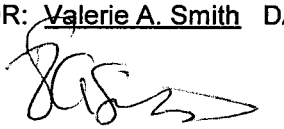
DATA USABILTY SUMMARY REPORT

Project Site:	**Tarrytown Site**
Sample Matrix:	**Indoor and Outdoor Air**
Lab Project Number(s):	**08030973**

LABORATORY PROBLEMS/NON-CONFORMANCE ISSUES
There were no problems/non-conformance issues related to the data that was validated.

CONCLUSIONS - The data generated for the Tarrytown Site were reviewed. From the data validation performed, it was determined that over 95% of the qualified data generated is considered usable, and therefore adequate to support any recommendations and conclusions pertaining to this site.

DATA VALIDATOR: Valerie A. Smith DATE: April 25, 2009



DATA USABILTY SUMMARY REPORT

Project Site: **Tarrytown**
Sample Matrix: **Soil and Aqueous**
Laboratory: **Hampton Clark – Veritech**
Analysis: **Volatiles and Semi-volatiles**
Lab Project No(s): **9011430**
Lab SDG: **AC42169**

INTRODUCTION

A total of two (2) soil and one (1) aqueous environmental samples, one (1) field blank and one (1) trip blank, found in Laboratory Project Number 9011430 were collected from the Tarrytown site on 1/13/09. Five (5) of these samples were analyzed for Volatiles via SW-846 8260B and four (4) of these samples were analyzed for Semi-Volatiles via SW-846 8270C.

Valerie Smith, a certified USEPA Region II data validator, reviewed the laboratory data. The data were evaluated for compliance with the appropriate methodologies, and a screening validation, based upon the summarized information in the NYDOH Category B laboratory package, was performed in accordance with the method and using the current USEPA Region II Data Validation Guidelines as guidance, as per the NYSDEC DUSR document.

The samples, matrix and type of analyses performed are as follows:

Project No.	Client ID	Lab ID	Matrix
9011430:	WB-1	AC42169-001	soil
	WB-1GW	AC42169-003	aqueous
	MW-5	AC42169-005	soil
	FB	AC42169-007	aqueous
	TB	AC42169-008	aqueous

VOLATILES and SEMI-VOLATILES

The following quality control indicators, were used to evaluate the usability of this data:

- **Sample Integrity**
- **Holding Time**
- **Surrogate Recovery**
- **Laboratory Control Sample (LCS) and Matrix Spike/Matrix Spike Duplicate (MS/MSD)**
- **Blank Contamination**
- **Mass Spectrometer Tuning (BFB and DFTPP)**
- **Initial and Continuing Calibration**
- **Internal Standards**
- **Compound Identification**
- **Diluted or Re-analyzed Sample Results**
- **Laboratory Problems/Non-conformance Issues**
- **Overall Assessment**

SAMPLE INTEGRITY - Samples were received at the laboratory intact, in the appropriate sample bottles showing no evidence of tampering. Sample paperwork was reviewed to determine that the samples being validated were indeed the ones collected from the site. The Chain of Custody was properly filled out including sampler's signature, date and time of sampling and analyses requested. Custody transfers between different parties was maintained.

DATA USABILTY SUMMARY REPORT
Project Site: Tarrytown
Analysis: Volatiles and Semi-volatiles
Lab SDG: AC42169

HOLDING TIME - The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. **The holding time criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

Volatiles and Semi-volatiles
The holding time criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

SURROGATE RECOVERY - All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique.

Volatiles and Semi-volatiles
The surrogate recovery criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

LCS and MS/MSD - The LCS and MS/MSD serves as a monitor of the overall performance of each step during the analysis, including the sample preparation.

Volatiles and Semi-volatiles
The LCS and MS/MSD criteria have been reviewed, there were no samples affected. It should be noted that the MS/MSD samples were not designated by the client and therefore my not be indicative of the matrix at the site. The LCS were within range therefore all data are considered to be valid and acceptable for these criteria.

BLANK CONTAMINATION - Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations.

Volatiles
The blank criteria have been reviewed, there were no samples affected. It should be noted that methylene chloride was found in the field blank (2.3ug/L), however the associated results were all non-detect, therefore no action was required. All data are considered to be valid and acceptable for these criteria.

Semi-volatiles
The blank criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

MASS SPECTROMETER TUNING - Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene and for semi-volatile organics is Decafluorotriphenyl-phosphine (DFTPP).

Volatiles and Semi-volatiles
The tuning and performance criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

DATA USABILTY SUMMARY REPORT
Project Site: Tarrytown
Analysis: Volatiles and Semi-volatiles
Lab SDG: AC42169

INITIAL AND CONTINUING CALIBRATION - Satisfactory instrument calibration (IC) is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks (CCC) document that the instrument is giving satisfactory daily performance. **The calibration criteria have been reviewed, the samples/analytes affected are listed below:**

<u>Volatiles</u>

It should be noted that the RRF criteria of <0.05 was not met in the associated IC's and CCC's for acrolein, t-butyl alcohol and 1,4 dioxane. These analytes are known to be poor performers and were within the >0.01 criteria, as well as being not detected in the associated samples, therefore no further action was deemed necessary.

The RRF for bromomethane was <0.05 in IC 1/13/09 associated with sample WB-1GW, therefore this analyte, which was non-detect, was rejected:

Bromomethane "R" – WB-1GW

The %D for trichlorofluoromethane, acrolein, acrylonitrile and 1,2,3-trichloropropane were >25 in CCC 1/15/09 @0721, therefore the associated results, which were non-detect, were qualified estimated "UJ" unknown bias:

trichlorofluoromethane, acrolein, acrylonitrile and 1,2,3-trichloropropane "UJ" unknown bias -	**FB**
	TB

The %D for 2-hexanone was >25 in CCC 1/15/09 @0739, therefore the associated results, which were non-detect, were qualified estimated "UJ" unknown bias:

2-hexanone "UJ" unknown bias -	**WG-1GW**

The %D for bromomethane, chloroethane and acrolein were >25 in CCC 1/15/09 @1608, therefore the associated results, which were non-detect, were qualified estimated "UJ" unknown bias:

bromomethane, chloroethane, acrolein "UJ" unknown bias -	**WB-1**
	MW-5

<u>Semi-Volatiles</u>

The %D for benzoic acid, 4-chloroaniline, 2,4-dinitrophenol and 3,3-dichlorobenzidine were >25 in CCC 1/16/09 @1109, therefore the associated results, which were non-detect, were qualified estimated "J" unknown bias:

benzoic acid, 4-chloroaniline, 2,4-dinitrophenol, 3,3-dichlorobenzidine "UJ" unknown bias -	**WB-1**
	MW-5

All other data results, not qualified above, are considered to be valid and acceptable for these criteria.

DATA USABILTY SUMMARY REPORT
Project Site: Tarrytown
Analysis: Volatiles and Semi-volatiles
Lab SDG: AC42169

INTERNAL STANDARDS PERFORMANCE GC/MS - Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run.

Volatiles and Semi-volatiles
The IS criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

COMPOUND IDENTIFICATION - Compound identification and ion spectra match, chromatogram quality and evaluation of retention time windows were evaluated to determine whether there are any interfering unknowns present which prevent identification of the target compounds.

Volatiles and Semi-volatiles
The compound identification criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

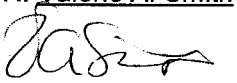
DILUTED OR RE-ANALYZED SAMPLE RESULTS – The data packages contained some samples that were diluted due to results being out of linear range. Upon reviewing the QA results, the following samples/results were identified for use:

Volatiles and Semi-volatiles
There were no dilutions or re-analyses required. All data are considered to be valid and acceptable for these criteria.

LABORATORY PROBLEMS/NON-CONFORMANCE ISSUES
There were no problems/non-conformance issues related to the data that was validated.

CONCLUSIONS
The data generated for the Tarrytown site were reviewed. From the data validation performed, it was determined that over 95% of the qualified environmental sample data generated is considered usable, and therefore adequate to support any recommendations and conclusions pertaining to this site.

DATA VALIDATOR: Valerie A. Smith DATE: April 21, 2009



DATA USABILTY SUMMARY REPORT

Project Site: Tarrytown
Sample Matrix: Soil and Aqueous
Laboratory: Hampton Clark – Veritech
Analysis: Volatiles and Semi-volatiles
Lab Project No(s): 9012114
Lab SDG: AC42279

INTRODUCTION

A total of one (1) aqueous environmental sample, one (1) field blank and one (1) trip blank, found in Laboratory Project Number 9012114 were collected from the Tarrytown site on 1/20/09. Three (3) of these samples were analyzed for Volatiles via SW-846 8260B and two (2) of these samples were analyzed for Semi-Volatiles via SW-846 8270C.

Valerie Smith, a certified USEPA Region II data validator, reviewed the laboratory data. The data were evaluated for compliance with the appropriate methodologies, and a screening validation, based upon the summarized information in the NYDOH Category B laboratory package, was performed in accordance with the method and using the current USEPA Region II Data Validation Guidelines as guidance, as per the NYSDEC DUSR document.

The samples, matrix and type of analyses performed are as follows:

Project No.	Client ID	Lab ID	Matrix
9012114:	MW-5	AC42279-001	aqueous
	FB	AC42279-003	aqueous
	TB	AC42279-004	aqueous

VOLATILES and SEMI-VOLATILES

The following quality control indicators, were used to evaluate the usability of this data:

- **Sample Integrity**
- **Holding Time**
- **Surrogate Recovery**
- **Laboratory Control Sample (LCS) and Matrix Spike/Matrix Spike Duplicate (MS/MSD)**
- **Blank Contamination**
- **Mass Spectrometer Tuning (BFB and DFTPP)**
- **Initial and Continuing Calibration**
- **Internal Standards**
- **Compound Identification**
- **Diluted or Re-analyzed Sample Results**
- **Laboratory Problems/Non-conformance Issues**
- **Overall Assessment**

SAMPLE INTEGRITY - Samples were received at the laboratory intact, in the appropriate sample bottles showing no evidence of tampering. Sample paperwork was reviewed to determine that the samples being validated were indeed the ones collected from the site. The Chain of Custody was properly filled out including sampler's signature, date and time of sampling and analyses requested. Custody transfers between different parties was maintained.

HOLDING TIME - The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. **The holding time criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

HOLDING TIME (CONTINUED)

Volatiles and Semi-volatiles
The holding time criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

SURROGATE RECOVERY - All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique.

Volatiles and Semi-volatiles
The surrogate recovery criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

LCS and MS/MSD - The LCS and MS/MSD serves as a monitor of the overall performance of each step during the analysis, including the sample preparation.

Volatiles and Semi-volatiles
The LCS and MS/MSD criteria have been reviewed, there were no samples affected. It should be noted that the MS/MSD samples were not designated by the client and therefore my not be indicative of the matrix at the site. The LCS were within range therefore all data are considered to be valid and acceptable for these criteria.

BLANK CONTAMINATION - Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations.

Volatiles and Semi-volatiles
The blank criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

MASS SPECTROMETER TUNING - Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene and for semi-volatile organics is Decafluorotriphenyl-phosphine (DFTPP).

Volatiles and Semi-volatiles
The tuning and performance criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

- Satisfactory instrument calibration (IC) is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks (CCC) document that the instrument is giving satisfactory daily performance. **The calibration criteria have been reviewed, the samples/analytes affected are listed below:**

Volatiles
It should be noted that the RRF criteria of <0.05 was not met in the associated IC's and CCC's for t-butyl alcohol and 1,4 dioxane. These analytes are known to be poor performers and were within the >0.01 criteria, as well as being not detected in the associated samples, therefore no further action was deemed necessary.

INITIAL AND CONTINUING CALIBRATION (CONTINUED)

Volatiles

The RRF for bromomethane was <0.05 in IC 1/13/09 associated with all of the samples, therefore this analyte, which was non-detect, was rejected:

Bromomethane "R" –	**MW-5**
	TB
	FB

The %D for dichlorofluoromethane, t-butyl alcohol, 4-methyl-2-pentanone and 2-hexanone were >25 in CCC 1/22/09 @0719, therefore the associated results, which were non-detect, were qualified estimated "UJ" unknown bias:

diichlorofluoromethane, t-butyl alcohol, 4-methyl-2-pentanone and 2-hexanone "UJ" unknown bias -	**FB**
	TB

The %D for dichlorofluoromethane, acrylonitrile, 1,3-dichloropropane, styrene, o-xylene, m&p xylenes and xylenes (total) were >25 in CCC 1/23/09 @0816, therefore the associated results, which were non-detect, were qualified estimated "UJ" unknown bias:

diichlorofluoromethane, acrylonitrile, 1,3-dichloropropane, styrene, o-xylene, m&p xylenes and xylenes (total) "UJ" unknown bias -	**MW-5**

All other data results, not qualified above, are considered to be valid and acceptable for these criteria.

Semi-Volatiles

All data results are considered to be valid and acceptable for these criteria.

INTERNAL STANDARDS PERFORMANCE GC/MS - Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run.

Volatiles and Semi-volatiles

The IS criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

COMPOUND IDENTIFICATION - Compound identification and ion spectra match, chromatogram quality and evaluation of retention time windows were evaluated to determine whether there are any interfering unknowns present which prevent identification of the target compounds.

Volatiles and Semi-volatiles

The compound identification criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

DATA USABILTY SUMMARY REPORT
Project Site: Tarrytown
Analysis: Volatiles and Semi-volatiles
Lab SDG: AC42279

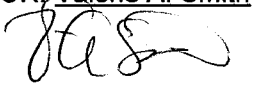
DILUTED OR RE-ANALYZED SAMPLE RESULTS – The data packages contained some samples that were diluted due to results being out of linear range. Upon reviewing the QA results, the following samples/results were identified for use:

> **Volatiles and Semi-volatiles**
> **There were no dilutions or re-analyses required. All data are considered to be valid and acceptable for these criteria.**

LABORATORY PROBLEMS/NON-CONFORMANCE ISSUES
There were no problems/non-conformance issues related to the data that was validated.

CONCLUSIONS
The data generated for the Tarrytown site were reviewed. From the data validation performed, it was determined that over 95% of the qualified environmental sample data generated is considered usable, and therefore adequate to support any recommendations and conclusions pertaining to this site.

DATA VALIDATOR: Valerie A. Smith DATE: April 27, 2009



DATA USABILTY SUMMARY REPORT

Project Site:	**Tarrytown**
Sample Matrix:	**Soil and Aqueous**
Laboratory:	**Hampton Clark – Veritech**
Analysis:	**TCL Volatiles +10, TCL Semi-volatiles +25, TCL Pesticides/PCBs, TAL Metals including Cyanide**
Lab Project No(s):	**9022301**
Lab SDG:	**AC42868**

INTRODUCTION

A total of five (5) environmental soil samples, three (3) environmental aqueous samples, one (1) field blank and one (1) trip blank, found in Laboratory Project Number 9022301 were collected from the Tarrytown site between 2/17/09 and 2/20/09. These samples were analyzed for TCL Volatiles via SW-846 8260B (soils) and 624 (aqueous); TCL Semi-volatiles via SW-846 8270C (soils) and 625 (aqueous); TCL Pesticides via SW-846 8082 (soils) and 608 (aqueous); TCL PCBs via SW-846 8081A (soils) and 608 (aqueous); TAL Metals via SW-846 6010B/7471A (soils) and 200.7/245.1 (aqueous); and Cyanide via SW-846 9012B (soils) and 335.4 (aqueous).

Valerie Smith, a certified USEPA Region II data validator, reviewed the laboratory data. The data were evaluated for compliance with the appropriate methodologies, and a screening validation, based upon the summarized information in the NYDOH Category B laboratory package, was performed in accordance with the method and using the current USEPA Region II Data Validation Guidelines as per the NYSDEC DUSR document.

The samples, matrix and type of analyses performed are as follows:

Project No.	Client ID	Lab ID	Matrix	Analysis
9022301:	WB-2	AC42868-001	Soil	VOC, SVOC, Pest/PCB, TAL & CN
	WB-3	AC42868-002	Soil	VOC, SVOC, Pest/PCB, TAL & CN
	WB-4	AC42868-003	Soil	VOC, SVOC, Pest/PCB, TAL & CN
	MW-6S	AC42868-004	Soil	VOC, SVOC, Pest/PCB, TAL & CN
	MW-7S	AC42868-005	Soil	VOC, SVOC, Pest/PCB, TAL & CN
	WB-2-GW U	AC42868-006	Aqueous	VOC, SVOC, Pest/PCB, TAL & CN
	WB-2-GW F	AC42868-007	Aqueous	TAL
	WB-3-GW	AC42868-008	Aqueous	VOC, SVOC
	WB-4-GW U	AC42868-009	Aqueous	VOC, SVOC, Pest/PCB, TAL & CN
	WB-4-GW F	AC42868-010	Aqueous	TAL
	FB U	AC42868-012	Aqueous	VOC, SVOC, Pest/PCB, TAL & CN
	FB F	AC42868-013	Aqueous	TAL
	TB	AC42868-014	Aqueous	VOC

TAL METALS AND CYANIDE

The following quality control indicators, where applicable, were used to evaluate the usability of this data:

- **Sample Integrity**
- **Holding Time**
- **Initial, Continuing Calibration Verification (ICV and CCV) and CRDL Standards**
- **Initial, Continuing Calibration, Method and Field Blank (ICB, CCB, MB) Contamination**
- **Interference Check Sample (ICS)**
- **Laboratory Control Samples (LCS)**
- **Laboratory Duplicate Sample Analyses**
- **Spike Sample Analysis**
- **ICP Serial Dilution**
- **Unfiltered versus Filtered Samples**
- **Laboratory Problems/Non-conformance Issues**
- **Overall Assessment**

DATA USABILTY SUMMARY REPORT

Project Site: Tarrytown
Laboratory: Hampton Clark – Veritech
Lab SDG: AC42868

SAMPLE INTEGRITY - Samples were received at the laboratory intact, in the appropriate sample bottles showing no evidence of tampering. Sample paperwork was reviewed to determine that the samples being validated were indeed the ones collected from the site. The Chain of Custody was properly filled out including sampler's signature, date and time of sampling and analyses requested. Custody transfers between different parties was maintained.

HOLDING TIME - The amount of an analyte in a sample can change with time due to chemical instability and degradation, etc. If the specified holding time is exceeded, the data may not be valid. **The holding time criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

INITIAL CALIBRATION, CONTINUING CALIBRATION VERIFICATION and CRDL STANDARDS - Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data for metals and cyanide. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an analytical sequence. Continuing calibration verification establishes that the initial calibration is still valid by checking the performance of the instrument on a continual basis. **The ICV, CCV Standards criteria have been reviewed, there were no samples affected. It should be noted that no CRDL Standards were performed. All data are considered to be valid and acceptable for these criteria.**

ICB, CCB, MB and FIELD BLANK CONTAMINATION - The assessment of blank analysis results is to determine the existence and magnitude of contamination resulting from laboratory or field activities. **The ICB, CCB, MB and field blank criteria have been reviewed, there were no sample affected. It should be noted that iron was found in the soil method blank, however the associated results were greater than five times the amount found in the blank therefore no action was required. All data are considered to be valid and acceptable for these criteria.**

INTERFERENCE CHECK SAMPLE – The ICS verifies the laboratory inter-element and background correction factors. **The ICS criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

LABORATORY CONTROL SAMPLE – The LCS serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. **The LCS criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

LABORATORY DUPLICATE SAMPLE ANALYSIS - Duplicate sample determinations are used to demonstrate acceptable method precision by the laboratory, at the time of analysis. Duplicate analyses are also performed to generate data in order to determine the long-term precision of the analytical method and various matrices. **The Laboratory Duplicate criteria have been reviewed, the samples/analytes affected are listed below.**

The RPD for copper and zinc in the soil laboratory duplicate was out of criteria, therefore the associated sample results were qualified estimated "J" unknown bias:

Copper and Zinc "J" unknown bias - **WB-2**
WB-3
WB-4
MW-6S
MW-7S

DATA USABILTY SUMMARY REPORT

Project Site: Tarrytown
Laboratory: Hampton Clark – Veritech
Lab SDG: AC42868

SPIKE SAMPLE ANALYSIS - is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. **The Spike Sample criteria have been reviewed, there were no samples affected. It should be noted that the MS/MSD samples were not designated by the client and therefore may not be indicative of the matrix at the site and therefore these results were not used to validate the associated data. All data are considered to be valid and acceptable for these criteria.**

ICP SERIAL DILUTION - Samples quantitated by ICP determines whether or not significant physical or chemical interference exists due to sample matrix. **The ICP Serial Dilution criteria have been reviewed, the samples/analytes affected are listed below.**

The percent difference was greater than ten in the soil ICP serial dilution sample for beryllium, cadmium, chromium, cobalt and potassium, therefore associated results greater than ten times the IDL were qualified estimated "J" unknown bias:

Chromium, Cobalt and Potassium "J" unknown bias - **WB-2**
WB-3
WB-4
MW-6S
MW-7S

UNFILTERED VERSUS FILTERED SAMPLES – The filtered results should be less than the unfiltered results. If the filtered result is greater than the unfiltered result by more than 10% then both results should be considered estimated. **The Unfiltered Versus Filtered criteria have been reviewed, the samples/analytes affected are listed below.**

Mercury "J" unknown bias - **WB-4 GW F**
WB-4-GW U

TCL VOLATILES, TCL SEMI-VOLATILES, TCL PESTICIDES AND TCL PCBs

The following quality control indicators, where applicable, were used to evaluate the usability of this data:

- **Sample Integrity**
- **Holding Time**
- **Surrogate Recovery**
- **Matrix Spike/Matrix Spike Duplicate (MS/MSD)**
- **Blank Contamination**
- **Mass Spectrometer Tuning (BFB and DFTPP)**
- **Initial and Continuing Calibration**
- **Internal Standards**
- **Compound Identification**
- **Diluted or Re-analyzed Sample Results**
- **Laboratory Problems/Non-conformance Issues**
- **Overall Assessment**

SAMPLE INTEGRITY - Samples were received at the laboratory intact, in the appropriate sample bottles showing no evidence of tampering. Sample paperwork was reviewed to determine that the samples being validated were indeed the ones collected from the site. The Chain of Custody was properly filled out including sampler's signature, date and time of sampling and analyses requested. Custody transfers between different parties was maintained.

DATA USABILTY SUMMARY REPORT

Project Site: Tarrytown
Laboratory: Hampton Clark – Veritech
Lab SDG: AC42868

HOLDING TIME - The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. **The holding time criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

SURROGATE RECOVERY - All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. **The surrogate recovery criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

MATRIX SPIKE/SPIKE DUPLICATE - The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data. **The MS/MSD criteria have been reviewed, there were no samples affected. It should be noted that some of the MS/MSD samples were not designated by the client and therefore may not be indicative of the matrix at the site. No specific action is required based solely upon MS/MSD results. All data are considered to be valid and acceptable for these criteria.**

BLANK CONTAMINATION - Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations.

Volatiles and Pesticides/PCBs

The blank criteria have been reviewed, there were no sample affected. All data are considered to be valid and acceptable for these criteria. There was no method, trip or field blank contamination.

Semi-Volatiles

Three tentative identified compounds (TICs) were found in the soil method blank and therefore rejected in the associated samples:

Unk TIC at R.T. 3.7 and 4.75,	
2-pentanone,4-hydroxy-4-methyl R.T. 4.04 "R" rejected -	**WB-2**
	WB-3
	WB-4
	MW-6S
	MW-7S

MASS SPECTROMETER TUNING - Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene and for semi-volatile organics is Decafluorotriphenyl-phosphine (DFTPP).

Volatiles and Semi-volatiles

The BFB tuning and performance criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

DATA USABILTY SUMMARY REPORT

Project Site: Tarrytown
Laboratory: Hampton Clark – Veritech
Lab SDG: AC42868

INITIAL AND CONTINUING CALIBRATION - Satisfactory instrument calibration (IC) is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks (CCC) document that the instrument is giving satisfactory daily performance. **The calibration criteria have been reviewed, the samples/analytes affected are listed below:**

Volatiles

It should be noted that the RRF criteria of <0.05 was not met in the associated soil and aqueous IC's and CCC's for acrolein, t-butyl alcohol and 1,4 dioxane. These analytes are known to be poor performers and were within the >0.01 criteria, as well as being not detected in the associated samples, therefore no further action was deemed necessary.

It should be noted that the RSD was greater than 30 in the soil IC 2/6/09 for trichlorofluoromethane, however the associated results were non-detect therefore no action was required.

The %D for chloroethane, t-butyl alcohol, trans-1,2-dichloroethene, trichloroethene, 2-chloroethylvinylether, cis-1,3-dichloropropene, trans-1,3-dichloropropene, 4-methyl-2-pentanone and 2-hexanone were >25 in the aqueous CCC 2/24/09 @0720, therefore the associated results, which were non-detect, were qualified estimated "UJ" unknown bias:

chloroethane, t-butyl alcohol, trans-1,2-dichloroethene, trichloroethene, 2-chloroethylvinylether, cis-1,3-dichloropropene, trans-1,3-dichloropropene, 4-methyl-2-pentanone and 2-hexanone "UJ" unknown bias -	WB-2 GW U WB-4 GW U TB	WB-3 GW FB

The %D for dichlorodifluoromethane, bromomethane, 1,2-trichloro-1,2,2-trifluoromethane, 2-butanone and 2-chloroethylvinylether were >25 in the soil CCC 2/25/09 @0831, therefore the associated non-detect results were qualified estimated "UJ" and positive results were qualified estimated "J" unknown bias:

dichlorodifluoromethane, bromomethane, 2-butanone and 2-chloroethylvinylether "UJ" unknown bias and 1,2-trichloro-1,2,2-trifluoromethane "J" unknown bias	WB-3 WB-4	MW-6S MW-7S

The %D for chloromethane, bromomethane chloroethane, 1,2-trichloro-1,2,2-trifluoromethane, 1,3,5-trimethylbenzene, sec-butylbenzene, 4-isopropyltoluene and n-butylbenzene were >25 in the soil CCC 2/26/09 @0807, therefore the associated non-detect results were qualified estimated "UJ" and positive results were qualified estimated "J" unknown bias:

chloromethane, bromomethane chloroethane, 1,3,5-trimethylbenzene, sec-butylbenzene, 4-isopropyltoluene and n-butylbenzene "UJ" unknown bias and 1,2-trichloro-1,2,2-trifluoromethane, "J" unknown bias -	WB-2

Project Site: Tarrytown
Laboratory: Hampton Clark – Veritech
Lab SDG: AC42868

INITIAL AND CONTINUING CALIBRATION (CONTINUED)

Semi-volatiles

It should be noted that the RSD was greater than 30 in the soil and aqueous IC for 2,4-dinitrophenol, however the associated results were non-detect therefore no action was required.

The %D for benzoic acid and 3,3-dichlorobenzidine were >25 in the soil CCC 2/24/09 @1104, therefore the associated non-detect results were qualified estimated "UJ" and positive results were qualified estimated "J" unknown bias:

Benzoic acid and 3,3-dichlorobenzidine
"UJ" unknown bias -

WB-2
WB-3
WB-4
MW-6S
MW-7S

Pesticides/PCBs

The IC and CCC criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

INTERNAL STANDARDS PERFORMANCE GC/MS - Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. **The IS criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

COMPOUND IDENTIFICATION - Compound identification and ion spectra match, chromatogram quality and evaluation of retention time windows were evaluated to determine whether there are any interfering unknowns present which prevent identification of the target compounds. **The identification criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

DILUTED OR RE-ANALYZED SAMPLE RESULTS – The data packages did not contained any samples that were diluted due or re-analyzed.

LABORATORY PROBLEMS/NON-CONFORMANCE ISSUES
There were no problems/non-conformance issues related to the data that was validated.

CONCLUSIONS

The data generated for the Tarrytown site were reviewed. From the data validation performed, it was determined that over 95% of the qualified environmental data generated is considered usable, and therefore adequate to support any recommendations and conclusions pertaining to this site.

DATA VALIDATOR: Valerie A. Smith DATE: April 27, 2009

DATA USABILTY SUMMARY REPORT

Project Site: Tarrytown
Sample Matrix: Aqueous
Laboratory: Hampton Clark – Veritech
Analysis: TCL Volatiles +10, TCL Semi-volatiles +25, TCL Pesticides/PCBs, TAL Metals including Cyanide
Lab Project No(s): 9022527
Lab SDG: AC42940

INTRODUCTION

A total of seven (7) environmental aqueous samples, two (2) field duplicates, one (1) field blank and one (1) trip blank, found in Laboratory Project Number 9022527 were collected from the Tarrytown site between 2/23/09 and 2/24/09. These samples were analyzed for TCL Volatiles via 624 (aqueous); TCL Semi-volatiles via 625 (aqueous); TCL Pesticides/PCBs via 608 (aqueous); TAL Metals via 200.7/245.1 (aqueous); and Cyanide via 335.4 (aqueous).

Valerie Smith, a certified USEPA Region II data validator, reviewed the laboratory data. The data were evaluated for compliance with the appropriate methodologies, and a screening validation, based upon the summarized information in the NYDOH Category B laboratory package, was performed in accordance with the method and using the current USEPA Region II Data Validation Guidelines as per the NYSDEC DUSR document.

The samples, matrix and type of analyses performed are as follows:

Project No.	Client ID	Lab ID	Matrix	Analysis
9022527:	MW-1 U	AC42940-001	Aqueous	VOC, SVOC, Pest/PCB, TAL & CN
	MW-1 F	AC42940-002	Aqueous	TAL
	MW-2 U	AC42940-003	Aqueous	VOC, SVOC, Pest/PCB, TAL & CN
	MW-2F	AC42940-004	Aqueous	TAL
	MW-3 U	AC42940-005	Aqueous	VOC, SVOC, Pest/PCB, TAL & CN
	MW-3 F	AC42940-006	Aqueous	TAL
	MW-4U	AC42940-007	Aqueous	VOC, SVOC, Pest/PCB, TAL & CN
	MW-4 F	AC42940-008	Aqueous	TAL
	MW-5 U	AC42940-009	Aqueous	VOC, SVOC, Pest/PCB, TAL & CN
	MW-5 F	AC42940-010	Aqueous	TAL
	MW-6 U	AC42940-011	Aqueous	VOC, SVOC, Pest/PCB, TAL & CN
	MW-6 F	AC42940-012	Aqueous	TAL
	MW-7 U	AC42940-013	Aqueous	VOC, SVOC, Pest/PCB, TAL & CN
	MW-7 F	AC42940-014	Aqueous	TAL
	DUP-A U	AC42940-0153	Aqueous	Pesticides
	DUP-E U	AC42940-004	Aqueous	VOC
	FB-U	AC42940-029	Aqueous	VOC, SVOC, Pest/PCB, TAL & CN
	FB-F	AC42940-030	Aqueous	TAL
	TB	AC42940-031	Aqueous	VOC

TAL METALS AND CYANIDE

The following quality control indicators, where applicable, were used to evaluate the usability of this data:

- **Sample Integrity**
- **Holding Time**
- **Initial, Continuing Calibration Verification (ICV and CCV) and CRDL Standards**
- **Initial, Continuing Calibration, Method and Field Blank (ICB, CCB, MB) Contamination**
- **Interference Check Sample (ICS)**
- **Laboratory Control Samples (LCS)**
- **Laboratory Duplicate Sample Analyses**

DATA USABILTY SUMMARY REPORT

Project Site: Tarrytown
Laboratory: Hampton Clark – Veritech
Lab SDG: AC42940

- **Spike Sample Analysis**
- **ICP Serial Dilution**
- **Unfiltered versus Filtered Samples**
- **Laboratory Problems/Non-conformance Issues**
- **Overall Assessment**

SAMPLE INTEGRITY - Samples were received at the laboratory intact, in the appropriate sample bottles showing no evidence of tampering. Sample paperwork was reviewed to determine that the samples being validated were indeed the ones collected from the site. The Chain of Custody was properly filled out including sampler's signature, date and time of sampling and analyses requested. Custody transfers between different parties was maintained.

HOLDING TIME - The amount of an analyte in a sample can change with time due to chemical instability and degradation, etc. If the specified holding time is exceeded, the data may not be valid. **The holding time criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

INITIAL CALIBRATION, CONTINUING CALIBRATION VERIFICATION and CRDL STANDARDS - Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data for metals and cyanide. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an analytical sequence. Continuing calibration verification establishes that the initial calibration is still valid by checking the performance of the instrument on a continual basis. **The ICV, CCV Standards criteria have been reviewed, there were no samples affected. It should be noted that no CRDL Standards were performed. All data are considered to be valid and acceptable for these criteria.**

ICB, CCB, MB and FIELD BLANK CONTAMINATION - The assessment of blank analysis results is to determine the existence and magnitude of contamination resulting from laboratory or field activities. **The ICB, CCB, MB and field blank criteria have been reviewed, there were no sample affected. All data are considered to be valid and acceptable for these criteria.**

INTERFERENCE CHECK SAMPLE – The ICS verifies the laboratory inter-element and background correction factors. **The ICS criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

LABORATORY CONTROL SAMPLE – The LCS serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. **The LCS criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

LABORATORY DUPLICATE SAMPLE ANALYSIS - Duplicate sample determinations are used to demonstrate acceptable method precision by the laboratory, at the time of analysis. Duplicate analyses are also performed to generate data in order to determine the long-term precision of the analytical method and various matrices. **The Laboratory Duplicate criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

SPIKE SAMPLE ANALYSIS - is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. **The Spike Sample criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

Project Site: Tarrytown
Laboratory: Hampton Clark – Veritech
Lab SDG: AC42940

ICP SERIAL DILUTION - Samples quantitated by ICP determines whether or not significant physical or chemical interference exists due to sample matrix. **The ICP Serial Dilution criteria have been reviewed, the samples/analytes affected are listed below.**

The percent difference was greater than ten in the aqueous ICP serial dilution sample for zinc, therefore associated results greater than ten times the IDL were qualified estimated "J" unknown bias:

zinc "J" unknown bias - MW-7 U

UNFILTERED VERSUS FILTERED SAMPLES – The filtered results should be less than the unfiltered results. If the filtered result is greater than the unfiltered result by more than 10% then both results should be considered estimated. **The Unfiltered Versus Filtered criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

TCL VOLATILES, TCL SEMI-VOLATILES, TCL PESTICIDES AND TCL PCBs

The following quality control indicators, where applicable, were used to evaluate the usability of this data:

- **Sample Integrity**
- **Holding Time**
- **Surrogate Recovery**
- **Matrix Spike/Matrix Spike Duplicate (MS/MSD)**
- **Blank Contamination**
- **Mass Spectrometer Tuning (BFB and DFTPP)**
- **Initial and Continuing Calibration**
- **Internal Standards**
- **Compound Identification**
- **Field Duplicate Samples**
- **Diluted or Re-analyzed Sample Results**
- **Laboratory Problems/Non-conformance Issues**
- **Overall Assessment**

SAMPLE INTEGRITY - Samples were received at the laboratory intact, in the appropriate sample bottles showing no evidence of tampering. Sample paperwork was reviewed to determine that the samples being validated were indeed the ones collected from the site. The Chain of Custody was properly filled out including sampler's signature, date and time of sampling and analyses requested. Custody transfers between different parties was maintained.

HOLDING TIME - The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. **The holding time criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

SURROGATE RECOVERY - All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. **The surrogate recovery criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

DATA USABILTY SUMMARY REPORT

Project Site: Tarrytown
Laboratory: Hampton Clark – Veritech
Lab SDG: AC42940

MATRIX SPIKE/SPIKE DUPLICATE - The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data. **The MS/MSD criteria have been reviewed, there were no samples affected. It should be noted that some of the MS/MSD samples were not designated by the client and therefore may not be indicative of the matrix at the site. No specific action is required based solely upon MS/MSD results. All data are considered to be valid and acceptable for these criteria.**

BLANK CONTAMINATION - Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. **The blank criteria have been reviewed, there were no sample affected. All data are considered to be valid and acceptable for these criteria. There was no method, trip or field blank contamination.**

MASS SPECTROMETER TUNING - Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene and for semi-volatile organics is Decafluorotriphenyl-phosphine (DFTPP).

Volatiles and Semi-volatiles

The DFTPP tuning and performance criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

INITIAL AND CONTINUING CALIBRATION - Satisfactory instrument calibration (IC) is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks (CCC) document that the instrument is giving satisfactory daily performance. **The calibration criteria have been reviewed, the samples/analytes affected are listed below:**

Volatiles

It should be noted that the RRF criteria of <0.05 was not met in the associated aqueous IC's and CCC's for acrolein, t-butyl alcohol and 1,4 dioxane. These analytes are known to be poor performers and were within the >0.01 criteria, as well as being not detected in the associated samples, therefore no further action was deemed necessary.

The RRF for bromomethane was <0.05 in IC 2/4/09 and CCC 2/27/09 @0706, therefore this analyte which was non-detect, was rejected in the associated samples:

Bromomethane "R" –	**MW-1 U**	**MW-5 U**
	MW-2 U	**MW-6 U**
	MW-3 U	**MW-7 U**
	MW-4 U	**FB U**
	TB	

It should be noted that the RSD was greater than 30 in the aqueous IC 2/4/09 for bromomethane and carbon tetrachloride, however the associated results were non-detect therefore no further action was required.

Project Site: Tarrytown
Laboratory: Hampton Clark – Veritech
Lab SDG: AC42940

INITIAL AND CONTINUING CALIBRATION (CONTINUED)

Volatiles

It should be noted that the RSD was greater than 30 in the aqueous IC 3/4/09 for acrolein and 2-chloroethylvinylether, however the associated results were non-detect therefore no further action was required.

The %D for bromomethane, chloroethane, t-butyl alcohol, 2-chloroethylvinylether, trans-1,3-dichloropropene, 4-methyl-2-pentanone and 2-hexanone were >25 in the aqueous CCC 2/27/09 @0706, therefore the associated results, which were non-detect, were qualified estimated "UJ" unknown bias:

chloroethane, t-butyl alcohol, 2-chloroethylvinylether, trans-1,3-dichloropropene, 4-methyl-2-pentanone and 2-hexanone "UJ" unknown bias -	MW-1 U	MW-5 U
	MW-2 U	MW-6 U
	MW-3 U	MW-7 U
	MW-4 U	FB U
	TB	

It should be noted that bromomethane was previously rejected in all of the samples listed above, therefore no further action was required.

The %D for dichlorodifluoromethane and chloromethane were >25 in the aqueous CCC 3/9/09 @0717, therefore the associated results, which were non-detect, were qualified estimated "UJ" unknown bias:

Dichlorodifluoromethane and chloromethane "UJ" unknown bias -	DUP-E U

Semi-volatiles

The IC and CCC criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria. It should be noted that the RSD was greater than 30 in the aqueous IC for 2,4-dinitrophenol, however the associated results were non-detect therefore no action was required.

Pesticides/PCBs

The IC and CCC criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

INTERNAL STANDARDS PERFORMANCE GC/MS - Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. **The IS criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.**

DATA USABILTY SUMMARY REPORT

Project Site: Tarrytown
Laboratory: Hampton Clark – Veritech
Lab SDG: AC42940

COMPOUND IDENTIFICATION - Compound identification and ion spectra match, chromatogram quality and evaluation of retention time windows were evaluated to determine whether there are any interfering unknowns present which prevent identification of the target compounds.

Volatiles, Semi-volatiles and PCBs

The identification criteria have been reviewed, there were no samples affected. All data are considered to be valid and acceptable for these criteria.

Pesticides

The %D was >25 when comparing pesticide results from both columns, therefore the associated analytes/samples were qualified estimated "J" unknown bias.

Endosulfan II "J" unknown bias - DUP-A U
Beta-BHC "J" unknown bias - MW-7 U

The %D was >100 when comparing pesticide results from both columns, therefore the associated analyte/sample was rejected "R".

Dieldrin "R" reject - DUP-A U

FIELD DUPLICATE SAMPLES

Volatiles

Sample MW-3 U is associated with field duplicate sample DUP-E U. There were no gross deviations when comparing field duplicate results.

Semi-Volatiles and PCBs

There were no field duplicates associated with the Semi-Volatiles and PCBs.

Pesticides

Sample MW-7 U is associated with field duplicate sample DUP-A U. There were deviations (>20% RSD) when comparing field duplicate results, therefore those results listed below were qualified estimated "J" unknown bias.

Beta-BHC, dieldrin, endosulfan II, Methoxychlor and p,p'-DDD
"J" unknown bias - MW-7 U
DUP-A U

DILUTED OR RE-ANALYZED SAMPLE RESULTS – The data packages did not contained any samples that were diluted due or re-analyzed.

LABORATORY PROBLEMS/NON-CONFORMANCE ISSUES
There were no problems/non-conformance issues related to the data that was validated.

CONCLUSIONS
The data generated for the Tarrytown site were reviewed. From the data validation performed, it was determined that over 95% of the qualified environmental data generated is considered usable, and therefore adequate to support any recommendations and conclusions pertaining to this site.

DATA VALIDATOR: Valerie A. Smith DATE: April 27, 2009

APPENDIX D
Disposal Documents

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD061336434	0F1	800-350-2190	000096975 JJK

GENERATOR

5. Generator's Name and Mailing Address
ACADIA TARRYTOWN, LLC
1311 MAMARONECK AVE, SUITE 260
WHITE PLAINS, NY 10605
Generator's Phone: 914-288-8146

Generator's Site Address (if different than mailing address)
130 WILDEY STREET
TARRYTOWN, NY 10591

6. Transporter 1 Company Name: BROOKSIDE ENVIRONMENTAL, INC.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name: VEOLIA ES TECH. SOLUTIONS
U.S. EPA ID Number: NJD080631369

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
1 EDEN LANE
FLANDERS, NJ 07836
Facility's Phone: 973. 347. 7111- 1909
U.S. EPA ID Number: NJD980536593

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. HAZARDOUS WASTE SOLID, ~~(F002)~~ (Tetrachloroethene) 9, NA 3082, III	03	DM	1800	P	F002	D039	L
X	2. HAZARDOUS WASTE LIQUID, ~~(F002)~~ (Tetrachloroethene) 9, NA 3082, III	02	DM	80	G	F002	D039	B
	3.							
	4.							

14. Special Handling Instructions and Additional Information
a.) SOIL W/ TRACE TETRACHLOROETHENE
b.) GROUNDWATER W/ TRACE TETRACHLOROETHENE

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: JOEL BRAUN — Signature: [signature] — Month/Day/Year: 04/02/09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Brian Gaudreault — Signature: [signature] — Month/Day/Year: 04/02/09
Transporter 2 Printed/Typed Name: G. Paolillo — Signature: [signature] — Month/Day/Year: 04/03/09

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141		

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jim Ford — Signature: [signature] — Month/Day/Year: 04/09/09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

APPENDIX E
Well Search Information

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS2128268	1/2 - 1 Mile NNW
2	USGS2128620	1/2 - 1 Mile ENE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 2436177.1s

- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- (GI) Indeterminate Groundwater Flow at Location
- (GV) Groundwater Flow Varies at Location
- (HD) Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Existing Dry Cleaners ADDRESS: 140 Wildey Street Tarrytown NY 10591 LAT/LONG: 41.0801 / 73.8640	CLIENT: Whitestone Associates, Inc. CONTACT: Melissa Bartley INQUIRY #: 2436177.1s DATE: March 06, 2009 2:51 pm

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1 **NNW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS2128268**

Agency cd:	USGS	Site no:	410819073521101
Site name:	WE 116		
Latitude:	410513		
Longitude:	0735211	Dec lat:	41.08704083
Dec lon:	-73.86930205	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	119
Country:	US	Land net:	Not Reported
Location map:	BULL GW-35	Map scale:	Not Reported
Altitude:	5.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Hudson. Connecticut, New Jersey, New York. Area = 720 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SAND		
Well depth:	14.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	BULLGW-35		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

	Database	EDR ID Number
2 **ENE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS2128620**

Agency cd:	USGS	Site no:	410503073510001
Site name:	WE 766		
Latitude:	410503		
Longitude:	0735100	Dec lat:	41.08426312
Dec lon:	-73.84957923	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	119
Country:	US	Land net:	Not Reported
Location map:	BULL GW-35	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	260.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Hudson. Connecticut, New Jersey, New York. Area = 720 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	BEDROCK		
Well depth:	200	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	BULLGW-35		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

APPENDIX F
Soil-Gas Sampling Report
Prepared by Quest

QuES&T

Quality Environmental Solutions & Technologies, Inc.

October 13, 2008

Ms. Sandy Spring
Robert Martin Company, LLC
100 Clearbrook Road
Elmsford, NY 10523

Dear Ms. Spring

Quality Environmental Solutions & Technologies Inc. was retained by the Robert Martin Company LLC to perform environmental sampling at 130 Wildey Street, Tarrytown, NY as part of an ongoing environmental investigation of the site. A sampling plan for the site was developed for the site by J.R. Holzmacher, P.E. LLC, titled ***Supplemental Investigation Work Plan***, dated September 2007. The plan includes the collection of three (3) sub-slab vapor samples, which were collected on March 27th, 2008 by QuES&T. All of the samples were collected as described below and copies of the data are attached. Following is a summary of the collection and results of the sub-slab vapor samples.

Data Collection:

As discussed in the ***Supplemental Investigation Work Plan*** (SI/WP) three (3) sub slab vapor samples were to be collected from beneath the site address. In order to facilitate the collection of the samples three (3) sample collections points were installed by Miller Environmental Group. Sampling points were installed in the locations as indicated on the attached site diagram and consistent with the proposed locations in the SI/WP Sub slab vapor probes were installed by drilling a two inch hole in the foundation of the location into the soil beneath the building. On March 20, 2008 Miller Environmental Group Inc. installed vapor points for the collection of air samples at the dry cleaners located at the River Plaza Shopping Center, 130 Wildey Street, Tarrytown, NY. The work was being done for Quality Environmental Solutions & Technologies, Inc. (QuES&T) and was witnessed by Mr. Jim Schreyer with the New York State Department of Environmental Conservation (NYSDEC).

Three (3) vapor points were installed by utilizing a hammer drill to drill a ¾-inch hole through the floor slab and underlying vapor barrier (locations previously decided on). The top $^{7}/_{8}$-inch (as measured from the top of the concrete floor) of the hole was then reamed with a 1 $^{1}/_{8}$-inch drill bit. Permagum putty was then placed around the periphery of the bottom of the 1 $^{1}/_{8}$-inch hole to provide a seal for the upper portion of the brass probe (see attachment for design of brass probe). The brass probe was then placed in the hole, pushing it into the Permagum seal, so that the top of the probe is flush with the top of the concrete floor. The Permagum was not allowed to plug the bottom of the brass tube. The annular space between the brass probe and the 1 $^{1}/_{8}$-inch hole was then filled with cement.

Quality Environmental Solutions & Technologies Inc. arrived onsite on March 27th, 2008 at approximately 14:00 hours and began collection of the samples from each of the sample points. Samples were also collected of the indoor air from an area in front of the Dry Cleaning machine and from the outdoor environment at the rear of the dry cleaner. As per the SI/WP each sample was collected using the following procedure.

Prior to the collection of the samples QuEs&T evaluated each of the monitoring pointsto determine if communication of vapors between sampling points was present. This was performed by attaching an Extech Model # 406800 Digital Differential Manometer to the sampling point.

Each of the sampling locations was evaluated against all other sampling points. The evaluation indicated that communication between sampling points was not present.

Prior to the collection of the sub-slab vapor samples each of the sample points was tested to ensure that leaks from the installation of the sampling probes were not present. This was accomplished by attaching a low flow sampling pump to a vacuum box containing a clean Tedlar sampling bag. The Vacuum Box was then attached to the sampling point and a flow of 0.1 L/Min applied to the sampling probe. The entire area of the probe was covered with a plastic container. The container was then filled with Helium gas. The presence of the Helium in the container was verified by using a direct reading Helium Monitor. The sample from the location was collected for a period of ten (10) minutes to achieve a total volume of 1.0 liters. The Tedlar bag was then removed from the Vacuum Box and tested for the presence of Helium. If Helium was detected all connections were tightened and the Helium test conducted again. Helium was not detected in any of the sampling location screenings prior to the final sample collection.

Samples from each of the sampling points were performed by attaching 1/8" tubing to the sampling probe. The tubing was then connected to a valve that was connected to a clean evacuated 6 Liter Summa Canister and a Vacuum Pump. The valve allowed the flow from the sampling probe to be directed to either the Summa Canister or the Vacuum Pump without drawing ambient air. Each of the sampling points was purged prior to collection of the sample. Once purged, the valve to the pump was closed and the valve to the Summa canister was opened, allowing for the sample collection. Samples were collected at a rate of 0.1 Liters per minute for a period of sixty minutes; total sample volume of 6.0 liters. Upon completion of the sample collection the Summa Canister controllers were closed and secured and the canister transported via courier to York Environmental laboratories of Stratford Ct. for analysis using EPA Method TO-15. Copies of all analytical results are attached.

Data Discussion:

VOC field sampling was conducted using evacuated cylinders containing a flow regulator with a fixed orifice. The sample collection interval was one hour for each sample location. Samples were analyzed for VOC's using EPA Method TO-15; which includes identification and quantification of 63 Target Analytes. One of the 63 compounds, Tetrachloroethylene, was identified at or above the limit of quantification for the TO-15 analytical method in all three of the sub slab samples. Two of the 63 compounds, Tetrachloroethylene and Trichloroethylene were identified at or above the limit of quantification for the TO-15 analytical method in the samples from within the Dry Cleaners. None of the 63 compounds were identified at or above the limit of quantification for the TO-15 analytical method in the outdoor environmental sample. The compounds identified at or above the limit of quantification for the TO-15 analytical method on the inside samples collected were as follows:

Table 1.0 VOC's Identified at 130 Wildey Street, Tarrytown, NY

Chemical Compound	*Sample # 1 PPB*	*Sample # 2 PPB*	*Sample # 3 PPB*	*Inside Dry Cleaner PPB*	*Outside PPB*	*OSHA PEL*
Tetrachloroethylene	*668.22*	*341.11*	*4156.65*	*4.90*	*ND*	*100 PPM*
Trichloroethylene	*ND*	*ND*	*ND*	*15.90*	*ND*	*100 PPM*

**ND = Not Detected*

Presently, the only regulatory or guidance standards which exist for volatile organic compounds in the indoor environment are the Permissible Exposure Levels (PEL's) established by the

Federal Occupational Safety and Health Administration (OSHA) and the Threshold Limit Values (TLV's) Established by the American Conference of Governmental Industrial Hygienists (ACGIH). No health based or regulatory standards for VOC concentrations currently exist for ambient indoor air quality in a non-industrial setting. However, guidelines established by the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and the Hong Kong IAQ protocols discuss various guidelines and methods for the evaluation of VOC's in indoor environments. ASHRAE states that the use of total VOC concentration is not the most appropriate method of evaluation for VOC's and recommends that individual levels for specific contaminants should be evaluated. The Hong Kong Protocol and NYSDEC Green Building Tax Credit (GBTC) establish a value of 200 ug/M^3 as the level of VOC's which should not be exceeded for establishing acceptable indoor air quality in a building at the time of HVAC system commissioning. It should be noted that use of the 200 ug/M^3 guidance level is designed for use in evaluating HVAC system design associated with new construction. In the absence of regulatory standards and guidelines, those contained within the GBTC standard were used. Furthermore, NYS does not have any established guidelines for soil or sub-slab VOC values.

The levels of Tetrachloroethylene detected in the sub-slab vapor samples in conjunction with data from previous investigations, appears to be consistent with the presence of contamination beneath the facility.

The two VOC chemical compounds detected in the sample collected from within the dry cleaner, PCE and TCE were detected at levels that were above the detected outdoor environmental levels, and significantly below established OSHA permissible exposure levels. A further evaluation of the analytical results obtained within the dry cleaner was conducted by comparing the obtained values to the median values of the 1988 EPA: National Ambient Volatile Organic Compounds (VOC's) database. The database is a compilation of available air data published for the EPA in 1988 and covers the concentrations of more than 300 VOC's in outdoor (Urban, Rural, Remote and Source Dominated and indoor environments. Indoor air data are limited to residential and office spaces and excludes studies of emissions or sources, solely health related studies, laboratory or modeling studies, and industrial workplace studies. The concentration of PCE within the dry cleaners (4.90 PPB) was below the median value of the EPA study document (21 PPB). The level of TCE detected within the dry cleaners (15.90) was elevated as compared to the value of 7.2 PPB in the EPA document. However, the presence of the TCE within the dry cleaning shop and not in the sub slab samples appears to be an indication that the source of the TCE is likely to be related to a product used in the Dry Cleaner.

Conclusions:

Based upon the previous data collected and the results of the current analytical data, both PCE and TCE were detected within the Dry Cleaners. The PCE levels detected were below the OSHA PEL and the median value of the 1988 EPA: National Ambient Volatile Organic Compounds (VOC's) database. The level of TCE detected within the Dry Cleaners was below the OSHA PEL, but exceeded the median value of the 1988 EPA: National Ambient Volatile Organic Compounds (VOC's) database. However, the absence of TCE in any of the Sub Slab samples appears to indicate that the source for the TCE is likely related to a source located within the Dry Cleaners. The indoor PCE level detected does not appear to indicate that the PCE contamination beneath the building is contributing to the PCE level detected within the Dry Cleaner.

Recommendations:

The data contained within this report represents only a portion of the (SI/WP) for the site. As such no recommendations are provided at this time, however they will be included upon completion of the study and production of the final report.

I trust that the information contained within this transmittal is sufficient for your needs and should you have any questions or concerns please feel free to contact me. Quality Environmental Solutions & Technologies Inc. looks forward to being of continued service to you for all of your safety and environmental consulting needs.

Sincerely,

Kenneth C. Eck CSP, CFPS, DABFE, FACFEI
Director, Safety, Environmental & Educational Services

YORK

ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ques+T
1376 Rt. 9
Wappingers Falls, NY
Attention: Kenneth Eck

Report Date: 4/7/2008
Re: Client Project ID: Q07-4598 / Van Tassel Cleaners
York Project No.: 08030973

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854

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

Report Date: 4/7/2008
Client Project ID: Q07-4598 / Van Tassel Cleaners
York Project No.: 08030973

Ques+T
1376 Rt. 9
Wappingers Falls, NY
Attention: Kenneth Eck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 03/27/08. The project was identified as your project "Q07-4598 / Van Tassel Cleaners".

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

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

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

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

Analysis Results

Client Sample ID			Monitoring Pt. #1		
York Sample ID			08030973-01		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---	---
1,1,1-Trichloroethane			Not detected		3.4
1,1,2,2-tetrachloroethane			Not detected		3.4
1,1,2-Trichloroethane			Not detected		3.4
1,1-Dichloroethane			Not detected		3.4
1,1-Dichloroethylene			Not detected		3.4
1,2,4-Trichlorobenzene			Not detected		3.4
1,2,4-Trimethylbenzene			Not detected		3.4
1,2-Dibromoethane			Not detected		3.4
1,2-Dichlorobenzene			Not detected		3.4
1,2-Dichloroethane			Not detected		3.4
1,2-Dichloropropane			Not detected		3.4
1,2-Dichlorotetrafluoroethane			Not detected		3.4

YORK

Client Sample ID			Monitoring Pt. #1		
York Sample ID			08030973-01		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
1,3,5-Trimethylbenzene			Not detected		3.4
1,3-Butadiene			Not detected		3.4
1,3-Dichlorobenzene			Not detected		3.4
1,4-Dichlorobenzene			Not detected		3.4
2,2,4-Trimethylpentane			Not detected		3.4
4-Ethyltoluene			Not detected		3.4
Acetone			Not detected		3.4
Allyl Chloride			Not detected		3.4
Benzene			Not detected		3.4
Bromodichloromethane			Not detected		3.4
Bromoform			Not detected		3.4
Bromomethane			Not detected		3.4
Carbon Disulfide			Not detected		3.4
Carbon Tetrachloride			Not detected		3.4
Chlorobenzene			Not detected		3.4
Chloroethane			Not detected		3.4
Chloroform			Not detected		3.4
Chloromethane			Not detected		3.4
cis-1,2-Dichloroethylene			Not detected		3.4
cis-1,3-Dichloropropylene			Not detected		3.4
Cyclohexane			Not detected		3.4
Dibromochloromethane			Not detected		3.4
Dichlorodifluoromethane			Not detected		3.4
Ethyl acetate			Not detected		3.4
Ethylbenzene			Not detected		3.4
Freon-113			Not detected		3.4
Hexachloro-1,3-Butadiene			Not detected		3.4
Isopropanol			Not detected		3.4
Methyl Ethyl ketone			Not detected		3.4
Methyl Isobutyl ketone			Not detected		3.4
Methylene Chloride			Not detected		3.4
MTBE			Not detected		3.4
n-Heptane			Not detected		3.4
n-Hexane			Not detected		3.4
o-Xylene			Not detected		3.4
p- & m-Xylenes			Not detected		3.4
Propylene			Not detected		3.4
Styrene			Not detected		3.4
Tetrachloroethylene			96.87		3.4
Tetrahydrofuran			Not detected		3.4
Toluene			Not detected		3.4
trans-1,2-Dichloroethylene			Not detected		3.4
trans-1,3-Dichloropropylene			Not detected		3.4
Trichloroethylene			Not detected		3.4
Trichlorofluoromethane			Not detected		3.4
Vinyl acetate			Not detected		3.4
Vinyl Bromide			Not detected		3.4
Vinyl Chloride			Not detected		3.4

YORK

Client Sample ID			Monitoring Pt. #1		
York Sample ID			08030973-01		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---	---
1,1,1-Trichloroethane			Not detected		18.7
1,1,2,2-tetrachloroethane			Not detected		23.6
1,1,2-Trichloroethane			Not detected		18.7
1,1-Dichloroethane			Not detected		13.8
1,1-Dichloroethylene			Not detected		13.7
1,2,4-Trichlorobenzene			Not detected		28.0
1,2,4-Trimethylbenzene			Not detected		16.9
1,2-Dibromoethane			Not detected		26.3
1,2-Dichlorobenzene			Not detected		20.6
1,2-Dichloroethane			Not detected		13.8
1,2-Dichloropropane			Not detected		15.9
1,2-Dichlorotetrafluoroethane			Not detected		16.9
1,3,5-Trimethylbenzene			Not detected		16.9
1,3-Butadiene			Not detected		7.60
1,3-Dichlorobenzene			Not detected		20.6
1,4-Dichlorobenzene			Not detected		20.6
2,2,4-Trimethylpentane			Not detected		16.0
4-Ethyltoluene			Not detected		16.9
Acetone			Not detected		8.10
Allyl Chloride			Not detected		10.8
Benzene			Not detected		11.0
Bromodichloromethane			Not detected		23.0
Bromoform			Not detected		35.4
Bromomethane			Not detected		13.3
Carbon Disulfide			Not detected		10.6
Carbon Tetrachloride			Not detected		21.6
Chlorobenzene			Not detected		15.9
Chloroethane			Not detected		9.12
Chloroform			Not detected		16.7
Chloromethane			Not detected		7.09
cis-1,2-Dichloroethylene			Not detected		13.7
cis-1,3-Dichloropropylene			Not detected		16.7
Cyclohexane			Not detected		11.8
Dibromochloromethane			Not detected		29.2
Dichlorodifluoromethane			Not detected		17.0
Ethyl acetate			Not detected		12.7
Ethylbenzene			Not detected		14.9
Freon-113			Not detected		26.3
Hexachloro-1,3-Butadiene			Not detected		24.0
Isopropanol			Not detected		8.44
Methyl Ethyl ketone			Not detected		10.1
Methyl Isobutyl ketone			Not detected		14.0
Methylene Chloride			Not detected		12.0
MTBE			Not detected		12.3
n-Heptane			Not detected		14.0
n-Hexane			Not detected		12.2
o-Xylene			Not detected		14.9

YORK

Client Sample ID			Monitoring Pt. #1		
York Sample ID			08030973-01		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
p- & m-Xylenes			Not detected		14.9
Propylene			Not detected		5.91
Styrene			Not detected		14.7
Tetrachloroethylene			668.22		23.3
Tetrahydrofuran			Not detected		10.1
Toluene			Not detected		13.0
trans-1,2-Dichloroethylene			Not detected		13.7
trans-1,3-Dichloropropylene			Not detected		17.0
Trichloroethylene			Not detected		18.4
Trichlorofluoromethane			Not detected		19.2
Vinyl acetate			Not detected		12.2
Vinyl Bromide			Not detected		15.0
Vinyl Chloride			Not detected		8.78

Client Sample ID			Monitoring Pt. #2		
York Sample ID			08030973-02		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---	---
1,1,1-Trichloroethane			Not detected		3.4
1,1,2,2-tetrachloroethane			Not detected		3.4
1,1,2-Trichloroethane			Not detected		3.4
1,1-Dichloroethane			Not detected		3.4
1,1-Dichloroethylene			Not detected		3.4
1,2,4-Trichlorobenzene			Not detected		3.4
1,2,4-Trimethylbenzene			Not detected		3.4
1,2-Dibromoethane			Not detected		3.4
1,2-Dichlorobenzene			Not detected		3.4
1,2-Dichloroethane			Not detected		3.4
1,2-Dichloropropane			Not detected		3.4
1,2-Dichlorotetrafluoroethane			Not detected		3.4
1,3,5-Trimethylbenzene			Not detected		3.4
1,3-Butadiene			Not detected		3.4
1,3-Dichlorobenzene			Not detected		3.4
1,4-Dichlorobenzene			Not detected		3.4
2,2,4-Trimethylpentane			Not detected		3.4
4-Ethyltoluene			Not detected		3.4
Acetone			Not detected		3.4
Allyl Chloride			Not detected		3.4
Benzene			Not detected		3.4
Bromodichloromethane			Not detected		3.4
Bromoform			Not detected		3.4
Bromomethane			Not detected		3.4
Carbon Disulfide			Not detected		3.4
Carbon Tetrachloride			Not detected		3.4
Chlorobenzene			Not detected		3.4
Chloroethane			Not detected		3.4

YORK

Client Sample ID			Monitoring Pt. #2		
York Sample ID			08030973-02		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Chloroform			Not detected		3.4
Chloromethane			Not detected		3.4
cis-1,2-Dichloroethylene			Not detected		3.4
cis-1,3-Dichloropropylene			Not detected		3.4
Cyclohexane			Not detected		3.4
Dibromochloromethane			Not detected		3.4
Dichlorodifluoromethane			Not detected		3.4
Ethyl acetate			Not detected		3.4
Ethylbenzene			Not detected		3.4
Freon-113			Not detected		3.4
Hexachloro-1,3-Butadiene			Not detected		3.4
Isopropanol			Not detected		3.4
Methyl Ethyl ketone			Not detected		3.4
Methyl Isobutyl ketone			Not detected		3.4
Methylene Chloride			Not detected		3.4
MTBE			Not detected		3.4
n-Heptane			Not detected		3.4
n-Hexane			Not detected		3.4
o-Xylene			Not detected		3.4
p- & m-Xylenes			Not detected		3.4
Propylene			Not detected		3.4
Styrene			Not detected		3.4
Tetrachloroethylene			49.45		3.4
Tetrahydrofuran			Not detected		3.4
Toluene			Not detected		3.4
trans-1,2-Dichloroethylene			Not detected		3.4
trans-1,3-Dichloropropylene			Not detected		3.4
Trichloroethylene			Not detected		3.4
Trichlorofluoromethane			Not detected		3.4
Vinyl acetate			Not detected		3.4
Vinyl Bromide			Not detected		3.4
Vinyl Chloride			Not detected		3.4
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---	---
1,1,1-Trichloroethane			Not detected		18.8
1,1,2,2-tetrachloroethane			Not detected		23.7
1,1,2-Trichloroethane			Not detected		18.8
1,1-Dichloroethane			Not detected		13.9
1,1-Dichloroethylene			Not detected		13.7
1,2,4-Trichlorobenzene			Not detected		28.1
1,2,4-Trimethylbenzene			Not detected		16.9
1,2-Dibromoethane			Not detected		26.4
1,2-Dichlorobenzene			Not detected		20.6
1,2-Dichloroethane			Not detected		13.9
1,2-Dichloropropane			Not detected		15.9
1,2-Dichlorotetrafluoroethane			Not detected		16.9
1,3,5-Trimethylbenzene			Not detected		16.9
1,3-Butadiene			Not detected		7.61
1,3-Dichlorobenzene			Not detected		20.6

YORK

Client Sample ID			Monitoring Pt. #2		
York Sample ID			08030973-02		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
1,4-Dichlorobenzene			Not detected		20.6
2,2,4-Trimethylpentane			Not detected		16.1
4-Ethyltoluene			Not detected		16.9
Acetone			Not detected		8.11
Allyl Chloride			Not detected		10.8
Benzene			Not detected		11.0
Bromodichloromethane			Not detected		23.0
Bromoform			Not detected		35.5
Bromomethane			Not detected		13.4
Carbon Disulfide			Not detected		10.6
Carbon Tetrachloride			Not detected		21.6
Chlorobenzene			Not detected		15.9
Chloroethane			Not detected		9.13
Chloroform			Not detected		16.7
Chloromethane			Not detected		7.10
cis-1,2-Dichloroethylene			Not detected		13.7
cis-1,3-Dichloropropylene			Not detected		16.7
Cyclohexane			Not detected		11.8
Dibromochloromethane			Not detected		29.2
Dichlorodifluoromethane			Not detected		17.1
Ethyl acetate			Not detected		12.7
Ethylbenzene			Not detected		14.9
Freon-113			Not detected		26.4
Hexachloro-1,3-Butadiene			Not detected		24.0
Isopropanol			Not detected		8.45
Methyl Ethyl ketone			Not detected		10.1
Methyl Isobutyl ketone			Not detected		14.0
Methylene Chloride			Not detected		12.0
MTBE			Not detected		12.3
n-Heptane			Not detected		14.0
n-Hexane			Not detected		12.2
o-Xylene			Not detected		14.9
p- & m-Xylenes			Not detected		14.9
Propylene			Not detected		5.91
Styrene			Not detected		14.7
Tetrachloroethylene			341.11		23.3
Tetrahydrofuran			Not detected		10.1
Toluene			Not detected		13.0
trans-1,2-Dichloroethylene			Not detected		13.7
trans-1,3-Dichloropropylene			Not detected		17.1
Trichloroethylene			Not detected		18.4
Trichlorofluoromethane			Not detected		19.3
Vinyl acetate			Not detected		12.2
Vinyl Bromide			Not detected		15.0
Vinyl Chloride			Not detected		8.79

YORK

Client Sample ID			Monitoring Pt. #3		
York Sample ID			08030973-03		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---	---
1,1,1-Trichloroethane			Not detected		8.6
1,1,2,2-tetrachloroethane			Not detected		8.6
1,1,2-Trichloroethane			Not detected		8.6
1,1-Dichloroethane			Not detected		8.6
1,1-Dichloroethylene			Not detected		8.6
1,2,4-Trichlorobenzene			Not detected		8.6
1,2,4-Trimethylbenzene			Not detected		8.6
1,2-Dibromoethane			Not detected		8.6
1,2-Dichlorobenzene			Not detected		8.6
1,2-Dichloroethane			Not detected		8.6
1,2-Dichloropropane			Not detected		8.6
1,2-Dichlorotetrafluoroethane			Not detected		8.6
1,3,5-Trimethylbenzene			Not detected		8.6
1,3-Butadiene			Not detected		8.6
1,3-Dichlorobenzene			Not detected		8.6
1,4-Dichlorobenzene			Not detected		8.6
2,2,4-Trimethylpentane			Not detected		8.6
4-Ethyltoluene			Not detected		8.6
Acetone			Not detected		8.6
Allyl Chloride			Not detected		8.6
Benzene			Not detected		8.6
Bromodichloromethane			Not detected		8.6
Bromoform			Not detected		8.6
Bromomethane			Not detected		8.6
Carbon Disulfide			Not detected		8.6
Carbon Tetrachloride			Not detected		8.6
Chlorobenzene			Not detected		8.6
Chloroethane			Not detected		8.6
Chloroform			Not detected		8.6
Chloromethane			Not detected		8.6
cis-1,2-Dichloroethylene			Not detected		8.6
cis-1,3-Dichloropropylene			Not detected		8.6
Cyclohexane			Not detected		8.6
Dibromochloromethane			Not detected		8.6
Dichlorodifluoromethane			Not detected		8.6
Ethyl acetate			Not detected		8.6
Ethylbenzene			Not detected		8.6
Freon-113			Not detected		8.6
Hexachloro-1,3-Butadiene			Not detected		8.6
Isopropanol			Not detected		8.6
Methyl Ethyl ketone			Not detected		8.6
Methyl Isobutyl ketone			Not detected		8.6
Methylene Chloride			Not detected		8.6
MTBE			Not detected		8.6

YORK

Client Sample ID			Monitoring Pt. #3		
York Sample ID			08030973-03		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
n-Heptane			Not detected		8.6
n-Hexane			Not detected		8.6
o-Xylene			Not detected		8.6
p- & m-Xylenes			Not detected		8.6
Propylene			Not detected		8.6
Styrene			Not detected		8.6
Tetrachloroethylene			602.58		8.6
Tetrahydrofuran			Not detected		8.6
Toluene			Not detected		8.6
trans-1,2-Dichloroethylene			Not detected		8.6
trans-1,3-Dichloropropylene			Not detected		8.6
Trichloroethylene			Not detected		8.6
Trichlorofluoromethane			Not detected		8.6
Vinyl acetate			Not detected		8.6
Vinyl Bromide			Not detected		8.6
Vinyl Chloride			Not detected		8.6
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---	---
1,1,1-Trichloroethane			Not detected		47.6
1,1,2,2-tetrachloroethane			Not detected		60.1
1,1,2-Trichloroethane			Not detected		47.6
1,1-Dichloroethane			Not detected		35.2
1,1-Dichloroethylene			Not detected		34.7
1,2,4-Trichlorobenzene			Not detected		71.2
1,2,4-Trimethylbenzene			Not detected		42.9
1,2-Dibromoethane			Not detected		66.9
1,2-Dichlorobenzene			Not detected		52.3
1,2-Dichloroethane			Not detected		35.2
1,2-Dichloropropane			Not detected		40.3
1,2-Dichlorotetrafluoroethane			Not detected		42.9
1,3,5-Trimethylbenzene			Not detected		42.9
1,3-Butadiene			Not detected		19.3
1,3-Dichlorobenzene			Not detected		52.3
1,4-Dichlorobenzene			Not detected		52.3
2,2,4-Trimethylpentane			Not detected		40.8
4-Ethyltoluene			Not detected		42.9
Acetone			Not detected		20.6
Allyl Chloride			Not detected		27.5
Benzene			Not detected		27.9
Bromodichloromethane			Not detected		58.3
Bromoform			Not detected		90.1
Bromomethane			Not detected		33.9
Carbon Disulfide			Not detected		27.0
Carbon Tetrachloride			Not detected		54.9
Chlorobenzene			Not detected		40.3
Chloroethane			Not detected		23.2
Chloroform			Not detected		42.5
Chloromethane			Not detected		18.0

YORK

Client Sample ID			Monitoring Pt. #3		
York Sample ID			08030973-03		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
cis-1,2-Dichloroethylene			Not detected		34.7
cis-1,3-Dichloropropylene			Not detected		42.5
Cyclohexane			Not detected		30.0
Dibromochloromethane			Not detected		74.2
Dichlorodifluoromethane			Not detected		43.3
Ethyl acetate			Not detected		32.2
Ethylbenzene			Not detected		37.8
Freon-113			Not detected		66.9
Hexachloro-1,3-Butadiene			Not detected		60.9
Isopropanol			Not detected		21.5
Methyl Ethyl ketone			Not detected		25.7
Methyl Isobutyl ketone			Not detected		35.6
Methylene Chloride			Not detected		30.5
MTBE			Not detected		31.3
n-Heptane			Not detected		35.6
n-Hexane			Not detected		30.9
o-Xylene			Not detected		37.8
p- & m-Xylenes			Not detected		37.8
Propylene			Not detected		15.0
Styrene			Not detected		37.3
Tetrachloroethylene			4156.65		59.2
Tetrahydrofuran			Not detected		25.7
Toluene			Not detected		33.0
trans-1,2-Dichloroethylene			Not detected		34.7
trans-1,3-Dichloropropylene			Not detected		43.3
Trichloroethylene			Not detected		46.8
Trichlorofluoromethane			Not detected		48.9
Vinyl acetate			Not detected		30.9
Vinyl Bromide			Not detected		38.2
Vinyl Chloride			Not detected		22.3

Client Sample ID			Indoor Ambient		
York Sample ID			08030973-04		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, TO-15 List	EPA TO15	ppbv	—	—	—
1,1,1-Trichloroethane			Not detected		0.35
1,1,2,2-tetrachloroethane			Not detected		0.35
1,1,2-Trichloroethane			Not detected		0.35
1,1-Dichloroethane			Not detected		0.35
1,1-Dichloroethylene			Not detected		0.35
1,2,4-Trichlorobenzene			Not detected		0.35
1,2,4-Trimethylbenzene			Not detected		0.35
1,2-Dibromoethane			Not detected		0.35
1,2-Dichlorobenzene			Not detected		0.35
1,2-Dichloroethane			Not detected		0.35
1,2-Dichloropropane			Not detected		0.35

YORK

Client Sample ID			Indoor Ambient		
York Sample ID			08030973-04		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
1,2-Dichlorotetrafluoroethane			Not detected		0.35
1,3,5-Trimethylbenzene			Not detected		0.35
1,3-Butadiene			Not detected		0.35
1,3-Dichlorobenzene			Not detected		0.35
1,4-Dichlorobenzene			Not detected		0.35
2,2,4-Trimethylpentane			Not detected		0.35
4-Ethyltoluene			Not detected		0.35
Acetone			Not detected		0.35
Allyl Chloride			Not detected		0.35
Benzene			Not detected		0.35
Bromodichloromethane			Not detected		0.35
Bromoform			Not detected		0.35
Bromomethane			Not detected		0.35
Carbon Disulfide			Not detected		0.35
Carbon Tetrachloride			Not detected		0.35
Chlorobenzene			Not detected		0.35
Chloroethane			Not detected		0.35
Chloroform			Not detected		0.35
Chloromethane			Not detected		0.35
cis-1,2-Dichloroethylene			Not detected		0.35
cis-1,3-Dichloropropylene			Not detected		0.35
Cyclohexane			Not detected		0.35
Dibromochloromethane			Not detected		0.35
Dichlorodifluoromethane			Not detected		0.35
Ethyl acetate			Not detected		0.35
Ethylbenzene			Not detected		0.35
Freon-113			Not detected		0.35
Hexachloro-1,3-Butadiene			Not detected		0.35
Isopropanol			Not detected		0.35
Methyl Ethyl ketone			Not detected		0.35
Methyl Isobutyl ketone			Not detected		0.35
Methylene Chloride			Not detected		0.35
MTBE			Not detected		0.35
n-Heptane			Not detected		0.35
n-Hexane			Not detected		0.35
o-Xylene			Not detected		0.35
p- & m-Xylenes			Not detected		0.35
Propylene			Not detected		0.35
Styrene			Not detected		0.35
Tetrachloroethylene			0.71		0.35
Tetrahydrofuran			Not detected		0.35
Toluene			Not detected		0.35
trans-1,2-Dichloroethylene			Not detected		0.35
trans-1,3-Dichloropropylene			Not detected		0.35
Trichloroethylene			2.91		0.35
Trichlorofluoromethane			Not detected		0.35
Vinyl acetate			Not detected		0.35
Vinyl Bromide			Not detected		0.35

YORK

Client Sample ID			Indoor Ambient		
York Sample ID			08030973-04		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Vinyl Chloride			Not detected		0.35
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---	---
1,1,1-Trichloroethane			Not detected		1.95
1,1,2,2-tetrachloroethane			Not detected		2.46
1,1,2-Trichloroethane			Not detected		1.95
1,1-Dichloroethane			Not detected		1.44
1,1-Dichloroethylene			Not detected		1.43
1,2,4-Trichlorobenzene			Not detected		2.92
1,2,4-Trimethylbenzene			Not detected		1.76
1,2-Dibromoethane			Not detected		2.75
1,2-Dichlorobenzene			Not detected		2.15
1,2-Dichloroethane			Not detected		1.44
1,2-Dichloropropane			Not detected		1.65
1,2-Dichlorotetrafluoroethane			Not detected		1.76
1,3,5-Trimethylbenzene			Not detected		1.76
1,3-Butadiene			Not detected		0.792
1,3-Dichlorobenzene			Not detected		2.15
1,4-Dichlorobenzene			Not detected		2.15
2,2,4-Trimethylpentane			Not detected		1.67
4-Ethyltoluene			Not detected		1.76
Acetone			Not detected		0.845
Allyl Chloride			Not detected		1.13
Benzene			Not detected		1.14
Bromodichloromethane			Not detected		2.39
Bromoform			Not detected		3.70
Bromomethane			Not detected		1.39
Carbon Disulfide			Not detected		1.11
Carbon Tetrachloride			Not detected		2.25
Chlorobenzene			Not detected		1.65
Chloroethane			Not detected		0.950
Chloroform			Not detected		1.74
Chloromethane			Not detected		0.739
cis-1,2-Dichloroethylene			Not detected		1.43
cis-1,3-Dichloropropylene			Not detected		1.74
Cyclohexane			Not detected		1.23
Dibromochloromethane			Not detected		3.04
Dichlorodifluoromethane			Not detected		1.78
Ethyl acetate			Not detected		1.32
Ethylbenzene			Not detected		1.55
Freon-113			Not detected		2.75
Hexachloro-1,3-Butadiene			Not detected		2.50
Isopropanol			Not detected		0.880
Methyl Ethyl ketone			Not detected		1.06
Methyl Isobutyl ketone			Not detected		1.46
Methylene Chloride			Not detected		1.25
MTBE			Not detected		1.28
n-Heptane			Not detected		1.46
n-Hexane			Not detected		1.27

YORK

Client Sample ID			Indoor Ambient		
York Sample ID			08030973-04		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
o-Xylene			Not detected		1.55
p- & m-Xylenes			Not detected		1.55
Propylene			Not detected		0.616
Styrene			Not detected		1.53
Tetrachloroethylene			4.90		2.43
Tetrahydrofuran			Not detected		1.06
Toluene			Not detected		1.36
trans-1,2-Dichloroethylene			Not detected		1.43
trans-1,3-Dichloropropylene			Not detected		1.78
Trichloroethylene			15.90		1.92
Trichlorofluoromethane			Not detected		2.01
Vinyl acetate			Not detected		1.27
Vinyl Bromide			Not detected		1.57
Vinyl Chloride			Not detected		0.915

Client Sample ID			Outdoor Ambient		
York Sample ID			08030973-05		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---	---
1,1,1-Trichloroethane			Not detected		0.34
1,1,2,2-tetrachloroethane			Not detected		0.34
1,1,2-Trichloroethane			Not detected		0.34
1,1-Dichloroethane			Not detected		0.34
1,1-Dichloroethylene			Not detected		0.34
1,2,4-Trichlorobenzene			Not detected		0.34
1,2,4-Trimethylbenzene			Not detected		0.34
1,2-Dibromoethane			Not detected		0.34
1,2-Dichlorobenzene			Not detected		0.34
1,2-Dichloroethane			Not detected		0.34
1,2-Dichloropropane			Not detected		0.34
1,2-Dichlorotetrafluoroethane			Not detected		0.34
1,3,5-Trimethylbenzene			Not detected		0.34
1,3-Butadiene			Not detected		0.34
1,3-Dichlorobenzene			Not detected		0.34
1,4-Dichlorobenzene			Not detected		0.34
2,2,4-Trimethylpentane			Not detected		0.34
4-Ethyltoluene			Not detected		0.34
Acetone			Not detected		0.34
Allyl Chloride			Not detected		0.34
Benzene			Not detected		0.34
Bromodichloromethane			Not detected		0.34
Bromoform			Not detected		0.34
Bromomethane			Not detected		0.34
Carbon Disulfide			Not detected		0.34
Carbon Tetrachloride			Not detected		0.34
Chlorobenzene			Not detected		0.34

YORK

Client Sample ID			Outdoor Ambient		
York Sample ID			08030973-05		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Chloroethane			Not detected		0.34
Chloroform			Not detected		0.34
Chloromethane			Not detected		0.34
cis-1,2-Dichloroethylene			Not detected		0.34
cis-1,3-Dichloropropylene			Not detected		0.34
Cyclohexane			Not detected		0.34
Dibromochloromethane			Not detected		0.34
Dichlorodifluoromethane			Not detected		0.34
Ethyl acetate			Not detected		0.34
Ethylbenzene			Not detected		0.34
Freon-113			Not detected		0.34
Hexachloro-1,3-Butadiene			Not detected		0.34
Isopropanol			Not detected		0.34
Methyl Ethyl ketone			Not detected		0.34
Methyl Isobutyl ketone			Not detected		0.34
Methylene Chloride			Not detected		0.34
MTBE			Not detected		0.34
n-Heptane			Not detected		0.34
n-Hexane			Not detected		0.34
o-Xylene			Not detected		0.34
p- & m-Xylenes			Not detected		0.34
Propylene			Not detected		0.34
Styrene			Not detected		0.34
Tetrachloroethylene			Not detected		0.34
Tetrahydrofuran			Not detected		0.34
Toluene			Not detected		0.34
trans-1,2-Dichloroethylene			Not detected		0.34
trans-1,3-Dichloropropylene			Not detected		0.34
Trichloroethylene			Not detected		0.34
Trichlorofluoromethane			Not detected		0.34
Vinyl acetate			Not detected		0.34
Vinyl Bromide			Not detected		0.34
Vinyl Chloride			Not detected		0.34
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---	---
1,1,1-Trichloroethane			Not detected		1.88
1,1,2,2-tetrachloroethane			Not detected		2.37
1,1,2-Trichloroethane			Not detected		1.88
1,1-Dichloroethane			Not detected		1.39
1,1-Dichloroethylene			Not detected		1.37
1,2,4-Trichlorobenzene			Not detected		2.81
1,2,4-Trimethylbenzene			Not detected		1.69
1,2-Dibromoethane			Not detected		2.64
1,2-Dichlorobenzene			Not detected		2.06
1,2-Dichloroethane			Not detected		1.39
1,2-Dichloropropane			Not detected		1.59
1,2-Dichlorotetrafluoroethane			Not detected		1.69
1,3,5-Trimethylbenzene			Not detected		1.69
1,3-Butadiene			Not detected		0.761

YORK

Client Sample ID			Outdoor Ambient		
York Sample ID			08030973-05		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
1,3-Dichlorobenzene			Not detected		2.06
1,4-Dichlorobenzene			Not detected		2.06
2,2,4-Trimethylpentane			Not detected		1.61
4-Ethyltoluene			Not detected		1.69
Acetone			Not detected		0.811
Allyl Chloride			Not detected		1.08
Benzene			Not detected		1.10
Bromodichloromethane			Not detected		2.30
Bromoform			Not detected		3.55
Bromomethane			Not detected		1.34
Carbon Disulfide			Not detected		1.06
Carbon Tetrachloride			Not detected		2.16
Chlorobenzene			Not detected		1.59
Chloroethane			Not detected		0.913
Chloroform			Not detected		1.67
Chloromethane			Not detected		0.710
cis-1,2-Dichloroethylene			Not detected		1.37
cis-1,3-Dichloropropylene			Not detected		1.67
Cyclohexane			Not detected		1.18
Dibromochloromethane			Not detected		2.92
Dichlorodifluoromethane			Not detected		1.71
Ethyl acetate			Not detected		1.27
Ethylbenzene			Not detected		1.49
Freon-113			Not detected		2.64
Hexachloro-1,3-Butadiene			Not detected		2.40
Isopropanol			Not detected		0.845
Methyl Ethyl ketone			Not detected		1.01
Methyl Isobutyl ketone			Not detected		1.40
Methylene Chloride			Not detected		1.20
MTBE			Not detected		1.23
n-Heptane			Not detected		1.40
n-Hexane			Not detected		1.22
o-Xylene			Not detected		1.49
p- & m-Xylenes			Not detected		1.49
Propylene			Not detected		0.592
Styrene			Not detected		1.47
Tetrachloroethylene			Not detected		2.33
Tetrahydrofuran			Not detected		1.01
Toluene			Not detected		1.30
trans-1,2-Dichloroethylene			Not detected		1.37
trans-1,3-Dichloropropylene			Not detected		1.71
Trichloroethylene			Not detected		1.84
Trichlorofluoromethane			Not detected		1.93
Vinyl acetate			Not detected		1.22
Vinyl Bromide			Not detected		1.50
Vinyl Chloride			Not detected		0.879

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

YORK

Report Date: 4/7/2008
Client Project ID: Q07-4598 / Van Tassel Cleaners
York Project No.: 08030973

Notes for York Project No. 08030973

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

Approved By: _____ Date: 4/7/2008
Robert Q. Bradley
Managing Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE
STRATFORD, CT 06615
203.325.1371 FAX 203.357-0166

08030973

Field Chain-of-Custody Record

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature) / Name (printed)
QuES&T Inc. 1376 Route 9 Wappingers Falls, NY 12590	Kenneth C. Eck 1376 Route 9 Wappingers Falls, NY 12590	S. Lander 1376 Route 9 Wappingers Falls, NY 12590	Q07-4598 Van Tassel Cleaners	[signature] Courtenay Lander

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
4598-001	Monitoring Pt. #1	3/26/08			✓		VOC TO-15	Summa - #11
4598-002	Monitoring Pt. #2	3/26/08			✓		VOC TO-15	Summa - 514
4598-003	Monitoring Pt. #3	3/26/08			✓		VOC TO-15	Summa - #25
4598-004	Indoor Ambient	3/26/08			✓		VOC TO-15	Summa - #23
4598-005	Outdoor Ambient	3/26/08			✓		VOC TO-15	Summa - 515

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	[signature] Samples Relinquished by	3/27/08 Date/Time	Roger [signature] Samples received by	3/27/08 1:45 Date/Time
Bottles received in field by	Date/Time	Samples Relinquished by	Date/Time	[signature] Samples received in LAB by	3/27/08 435 Date/Time

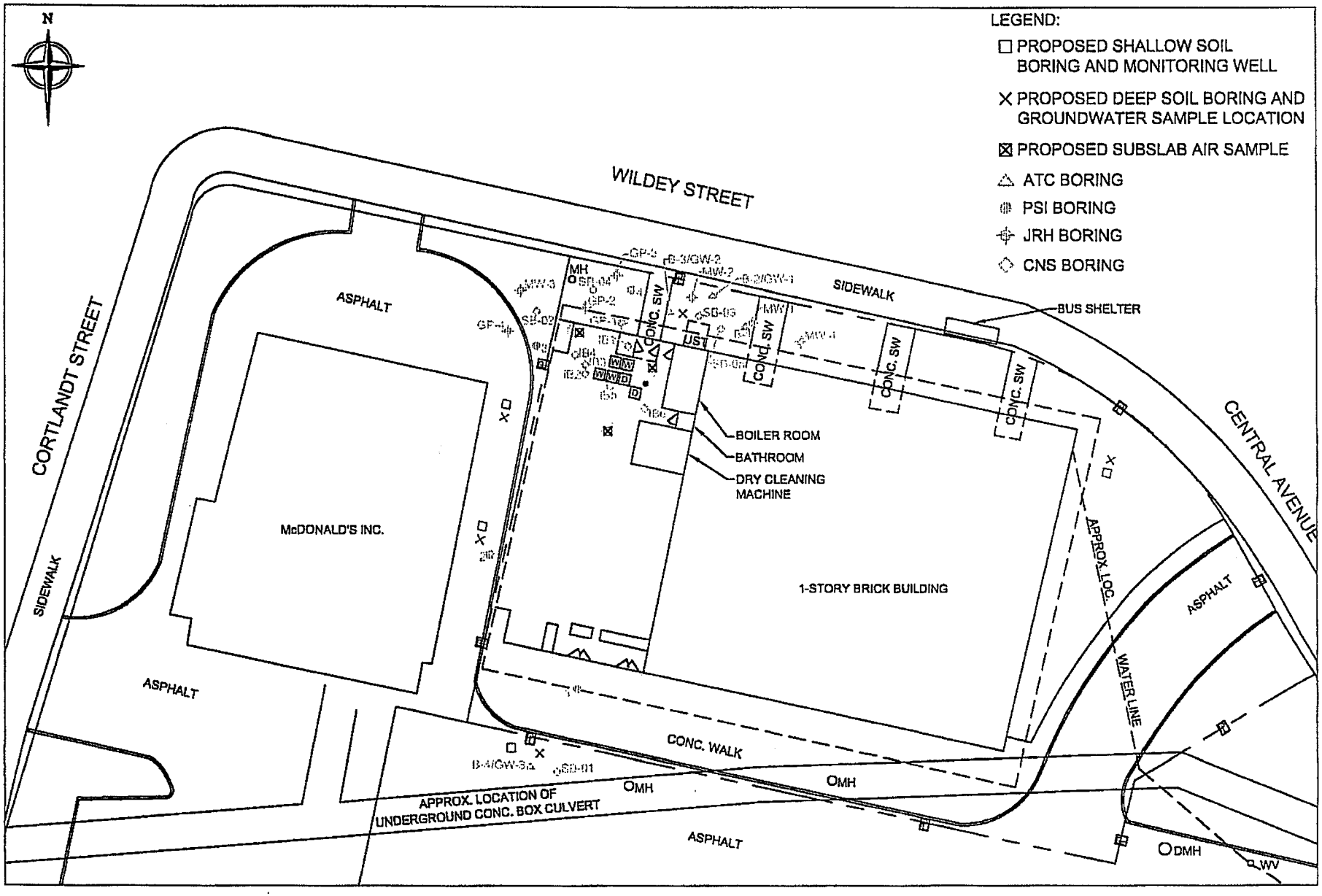
Comments/Special Instructions: Please E-mAil and Fax Results

Category B Data Deliverables

** see attached

Turn-Around Time Requested- Specify Date Expected
If RUSH Requested: DATE DUE FOR RUSH:

X STANDARD ____ RUSH(Define)____



PREPARED BY:
J.R. HOLZMACHER P.E., LLC
The Third Generation of Excellence
in Water Supply, Water Resources,
Civil and Environmental Engineering
300 WHEELER ROAD
SUITE 303
HAUPPAUGE, NEW YORK 11788
PHONE # (631) 234-2220
FAX # (631) 234-2221
E-MAIL: info@holzmacher.com

TITLE:

VAN TASSEL CLEANERS
RIVER PLAZA SHOPPING CENTER
130 WILDEY STREET
TARRYTOWN, NEW YORK 17591

DWN:	SCALE:	DATE:	PROJECT NO.:
APK	1" = 30'	09/24/07	RMC 06-01
CHKD:	APPD:	REV.:	NOTES:
JMD	JMD	-	-

FIGURE NO.: 1

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ques+T
1376 Rt. 9
Wappingers Falls, NY
Attention: Ken Eck

Report Date: 3/28/2008
Re: Client Project ID: Can Certification
York Project No.: 08030725

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854

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

Report Date: 3/28/2008
Client Project ID: Can Certification
York Project No.: 08030725

Ques+T
1376 Rt. 9
Wappingers Falls, NY
Attention: Ken Eck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 03/24/08. The project was identified as your project "Can Certification".

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

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

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

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

Analysis Results

Client Sample ID			S-14		25	
York Sample ID			08030725-01		08030725-02	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---	---	---
1,1,1-Trichloroethane			Not detected	0.2	Not detected	0.2
1,1,2,2-tetrachloroethane			Not detected	0.2	Not detected	0.2
1,1,2-Trichloroethane			Not detected	0.2	Not detected	0.2
1,1-Dichloroethane			Not detected	0.2	Not detected	0.2
1,1-Dichloroethylene			Not detected	0.2	Not detected	0.2
1,2,4-Trichlorobenzene			Not detected	0.2	Not detected	0.2
1,2,4-Trimethylbenzene			Not detected	0.2	Not detected	0.2
1,2-Dibromoethane			Not detected	0.2	Not detected	0.2
1,2-Dichlorobenzene			Not detected	0.2	Not detected	0.2
1,2-Dichloroethane			Not detected	0.2	Not detected	0.2
1,2-Dichloropropane			Not detected	0.2	Not detected	0.2
1,2-Dichlorotetrafluoroethane			Not detected	0.2	Not detected	0.2
1,3,5-Trimethylbenzene			Not detected	0.2	Not detected	0.2
1,3-Butadiene			Not detected	0.2	Not detected	0.2
1,3-Dichlorobenzene			Not detected	0.2	Not detected	0.2
1,4-Dichlorobenzene			Not detected	0.2	Not detected	0.2

YORK

Client Sample ID			S-14		25	
York Sample ID			08030725-01		08030725-02	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
2,2,4-Trimethylpentane			Not detected	0.2	Not detected	0.2
4-Ethyltoluene			Not detected	0.2	Not detected	0.2
Acetone			Not detected	0.2	Not detected	0.2
Allyl Chloride			Not detected	0.2	Not detected	0.2
Benzene			Not detected	0.2	Not detected	0.2
Bromodichloromethane			Not detected	0.2	Not detected	0.2
Bromoform			Not detected	0.2	Not detected	0.2
Bromomethane			Not detected	0.2	Not detected	0.2
Carbon Disulfide			Not detected	0.2	Not detected	0.2
Carbon Tetrachloride			Not detected	0.2	Not detected	0.2
Chlorobenzene			Not detected	0.2	Not detected	0.2
Chloroethane			Not detected	0.2	Not detected	0.2
Chloroform			Not detected	0.2	Not detected	0.2
Chloromethane			Not detected	0.2	Not detected	0.2
cis-1,2-Dichloroethylene			Not detected	0.2	Not detected	0.2
cis-1,3-Dichloropropylene			Not detected	0.2	Not detected	0.2
Cyclohexane			Not detected	0.2	Not detected	0.2
Dibromochloromethane			Not detected	0.2	Not detected	0.2
Dichlorodifluoromethane			Not detected	0.2	Not detected	0.2
Ethyl acetate			Not detected	0.2	Not detected	0.2
Ethylbenzene			Not detected	0.2	Not detected	0.2
Freon-113			Not detected	0.2	Not detected	0.2
Hexachloro-1,3-Butadiene			Not detected	0.2	Not detected	0.2
Isopropanol			Not detected	0.2	Not detected	0.2
Methyl Ethyl ketone			Not detected	0.2	Not detected	0.2
Methyl Isobutyl ketone			Not detected	0.2	Not detected	0.2
Methylene Chloride			Not detected	0.2	Not detected	0.2
MTBE			Not detected	0.2	Not detected	0.2
n-Heptane			Not detected	0.2	Not detected	0.2
n-Hexane			Not detected	0.2	Not detected	0.2
o-Xylene			Not detected	0.2	Not detected	0.2
p- & m-Xylenes			Not detected	0.2	Not detected	0.2
Propylene			Not detected	0.2	Not detected	0.2
Styrene			Not detected	0.2	Not detected	0.2
Tetrachloroethylene			Not detected	0.2	Not detected	0.2
Tetrahydrofuran			Not detected	0.2	Not detected	0.2
Toluene			Not detected	0.2	Not detected	0.2
trans-1,2-Dichloroethylene			Not detected	0.2	Not detected	0.2
trans-1,3-Dichloropropylene			Not detected	0.2	Not detected	0.2
Trichloroethylene			Not detected	0.2	Not detected	0.2
Trichlorofluoromethane			Not detected	0.2	Not detected	0.2
Vinyl acetate			Not detected	0.2	Not detected	0.2
Vinyl Bromide			Not detected	0.2	Not detected	0.2
Vinyl Chloride			Not detected	0.2	Not detected	0.2
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---	---	---
1,1,1-Trichloroethane			Not detected	1.11	Not detected	1.11
1,1,2,2-tetrachloroethane			Not detected	1.40	Not detected	1.40
1,1,2-Trichloroethane			Not detected	1.11	Not detected	1.11
1,1-Dichloroethane			Not detected	0.82	Not detected	0.82
1,1-Dichloroethylene			Not detected	0.81	Not detected	0.81
1,2,4-Trichlorobenzene			Not detected	1.66	Not detected	1.66

YORK

Client Sample ID			S-14		25	
York Sample ID			08030725-01		08030725-02	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,4-Trimethylbenzene			Not detected	1.00	Not detected	1.00
1,2-Dibromoethane			Not detected	1.56	Not detected	1.56
1,2-Dichlorobenzene			Not detected	1.22	Not detected	1.22
1,2-Dichloroethane			Not detected	0.82	Not detected	0.82
1,2-Dichloropropane			Not detected	0.94	Not detected	0.94
1,2-Dichlorotetrafluoroethane			Not detected	1.00	Not detected	1.00
1,3,5-Trimethylbenzene			Not detected	1.00	Not detected	1.00
1,3-Butadiene			Not detected	0.45	Not detected	0.45
1,3-Dichlorobenzene			Not detected	1.22	Not detected	1.22
1,4-Dichlorobenzene			Not detected	1.22	Not detected	1.22
2,2,4-Trimethylpentane			Not detected	0.95	Not detected	0.95
4-Ethyltoluene			Not detected	1.00	Not detected	1.00
Acetone			Not detected	0.48	Not detected	0.48
Allyl Chloride			Not detected	0.64	Not detected	0.64
Benzene			Not detected	0.65	Not detected	0.65
Bromodichloromethane			Not detected	1.36	Not detected	1.36
Bromoform			Not detected	2.10	Not detected	2.10
Bromomethane			Not detected	0.79	Not detected	0.79
Carbon Disulfide			Not detected	0.63	Not detected	0.63
Carbon Tetrachloride			Not detected	1.28	Not detected	1.28
Chlorobenzene			Not detected	0.94	Not detected	0.94
Chloroethane			Not detected	0.54	Not detected	0.54
Chloroform			Not detected	0.99	Not detected	0.99
Chloromethane			Not detected	0.42	Not detected	0.42
cis-1,2-Dichloroethylene			Not detected	0.81	Not detected	0.81
cis-1,3-Dichloropropylene			Not detected	0.99	Not detected	0.99
Cyclohexane			Not detected	0.70	Not detected	0.70
Dibromochloromethane			Not detected	1.73	Not detected	1.73
Dichlorodifluoromethane			Not detected	1.01	Not detected	1.01
Ethyl acetate			Not detected	0.75	Not detected	0.75
Ethylbenzene			Not detected	0.88	Not detected	0.88
Freon-113			Not detected	1.56	Not detected	1.56
Hexachloro-1,3-Butadiene			Not detected	1.42	Not detected	1.42
Isopropanol			Not detected	0.50	Not detected	0.50
Methyl Ethyl ketone			Not detected	0.60	Not detected	0.60
Methyl Isobutyl ketone			Not detected	0.83	Not detected	0.83
Methylene Chloride			Not detected	0.71	Not detected	0.71
MTBE			Not detected	0.73	Not detected	0.73
n-Heptane			Not detected	0.83	Not detected	0.83
n-Hexane			Not detected	0.72	Not detected	0.72
o-Xylene			Not detected	0.88	Not detected	0.88
p- & m-Xylenes			Not detected	0.88	Not detected	0.88
Propylene			Not detected	0.35	Not detected	0.35
Styrene			Not detected	0.87	Not detected	0.87
Tetrachloroethylene			Not detected	1.38	Not detected	1.38
Tetrahydrofuran			Not detected	0.60	Not detected	0.60
Toluene			Not detected	0.77	Not detected	0.77
trans-1,2-Dichloroethylene			Not detected	0.81	Not detected	0.81
trans-1,3-Dichloropropylene			Not detected	1.01	Not detected	1.01
Trichloroethylene			Not detected	1.09	Not detected	1.09
Trichlorofluoromethane			Not detected	1.14	Not detected	1.14

YORK

Client Sample ID			S-14		25	
York Sample ID			08030725-01		08030725-02	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Vinyl acetate			Not detected	0.72	Not detected	0.72
Vinyl Bromide			Not detected	0.89	Not detected	0.89
Vinyl Chloride			Not detected	0.52	Not detected	0.52

Client Sample ID			23		S15	
York Sample ID			08030725-03		08030725-04	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---	---	---
1,1,1-Trichloroethane			Not detected	0.2	Not detected	0.2
1,1,2,2-tetrachloroethane			Not detected	0.2	Not detected	0.2
1,1,2-Trichloroethane			Not detected	0.2	Not detected	0.2
1,1-Dichloroethane			Not detected	0.2	Not detected	0.2
1,1-Dichloroethylene			Not detected	0.2	Not detected	0.2
1,2,4-Trichlorobenzene			Not detected	0.2	Not detected	0.2
1,2,4-Trimethylbenzene			Not detected	0.2	Not detected	0.2
1,2-Dibromoethane			Not detected	0.2	Not detected	0.2
1,2-Dichlorobenzene			Not detected	0.2	Not detected	0.2
1,2-Dichloroethane			Not detected	0.2	Not detected	0.2
1,2-Dichloropropane			Not detected	0.2	Not detected	0.2
1,2-Dichlorotetrafluoroethane			Not detected	0.2	Not detected	0.2
1,3,5-Trimethylbenzene			Not detected	0.2	Not detected	0.2
1,3-Butadiene			Not detected	0.2	Not detected	0.2
1,3-Dichlorobenzene			Not detected	0.2	Not detected	0.2
1,4-Dichlorobenzene			Not detected	0.2	Not detected	0.2
2,2,4-Trimethylpentane			Not detected	0.2	Not detected	0.2
4-Ethyltoluene			Not detected	0.2	Not detected	0.2
Acetone			Not detected	0.2	Not detected	0.2
Allyl Chloride			Not detected	0.2	Not detected	0.2
Benzene			Not detected	0.2	Not detected	0.2
Bromodichloromethane			Not detected	0.2	Not detected	0.2
Bromoform			Not detected	0.2	Not detected	0.2
Bromomethane			Not detected	0.2	Not detected	0.2
Carbon Disulfide			Not detected	0.2	Not detected	0.2
Carbon Tetrachloride			Not detected	0.2	Not detected	0.2
Chlorobenzene			Not detected	0.2	Not detected	0.2
Chloroethane			Not detected	0.2	Not detected	0.2
Chloroform			Not detected	0.2	Not detected	0.2
Chloromethane			Not detected	0.2	Not detected	0.2
cis-1,2-Dichloroethylene			Not detected	0.2	Not detected	0.2
cis-1,3-Dichloropropylene			Not detected	0.2	Not detected	0.2
Cyclohexane			Not detected	0.2	Not detected	0.2
Dibromochloromethane			Not detected	0.2	Not detected	0.2
Dichlorodifluoromethane			Not detected	0.2	Not detected	0.2
Ethyl acetate			Not detected	0.2	Not detected	0.2
Ethylbenzene			Not detected	0.2	Not detected	0.2
Freon-113			Not detected	0.2	Not detected	0.2
Hexachloro-1,3-Butadiene			Not detected	0.2	Not detected	0.2
Isopropanol			Not detected	0.2	Not detected	0.2

YORK

Client Sample ID			23		S15	
York Sample ID			08030725-03		08030725-04	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Methyl Ethyl ketone			Not detected	0.2	Not detected	0.2
Methyl Isobutyl ketone			Not detected	0.2	Not detected	0.2
Methylene Chloride			Not detected	0.2	Not detected	0.2
MTBE			Not detected	0.2	Not detected	0.2
n-Heptane			Not detected	0.2	Not detected	0.2
n-Hexane			Not detected	0.2	Not detected	0.2
o-Xylene			Not detected	0.2	Not detected	0.2
p- & m-Xylenes			Not detected	0.2	Not detected	0.2
Propylene			Not detected	0.2	Not detected	0.2
Styrene			Not detected	0.2	Not detected	0.2
Tetrachloroethylene			Not detected	0.2	Not detected	0.2
Tetrahydrofuran			Not detected	0.2	Not detected	0.2
Toluene			Not detected	0.2	Not detected	0.2
trans-1,2-Dichloroethylene			Not detected	0.2	Not detected	0.2
trans-1,3-Dichloropropylene			Not detected	0.2	Not detected	0.2
Trichloroethylene			Not detected	0.2	Not detected	0.2
Trichlorofluoromethane			Not detected	0.2	Not detected	0.2
Vinyl acetate			Not detected	0.2	Not detected	0.2
Vinyl Bromide			Not detected	0.2	Not detected	0.2
Vinyl Chloride			Not detected	0.2	Not detected	0.2
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---	---	---
1,1,1-Trichloroethane			Not detected	1.11	Not detected	1.11
1,1,2,2-tetrachloroethane			Not detected	1.40	Not detected	1.40
1,1,2-Trichloroethane			Not detected	1.11	Not detected	1.11
1,1-Dichloroethane			Not detected	0.82	Not detected	0.82
1,1-Dichloroethylene			Not detected	0.81	Not detected	0.81
1,2,4-Trichlorobenzene			Not detected	1.66	Not detected	1.66
1,2,4-Trimethylbenzene			Not detected	1.00	Not detected	1.00
1,2-Dibromoethane			Not detected	1.56	Not detected	1.56
1,2-Dichlorobenzene			Not detected	1.22	Not detected	1.22
1,2-Dichloroethane			Not detected	0.82	Not detected	0.82
1,2-Dichloropropane			Not detected	0.94	Not detected	0.94
1,2-Dichlorotetrafluoroethane			Not detected	1.00	Not detected	1.00
1,3,5-Trimethylbenzene			Not detected	1.00	Not detected	1.00
1,3-Butadiene			Not detected	0.45	Not detected	0.45
1,3-Dichlorobenzene			Not detected	1.22	Not detected	1.22
1,4-Dichlorobenzene			Not detected	1.22	Not detected	1.22
2,2,4-Trimethylpentane			Not detected	0.95	Not detected	0.95
4-Ethyltoluene			Not detected	1.00	Not detected	1.00
Acetone			Not detected	0.48	Not detected	0.48
Allyl Chloride			Not detected	0.64	Not detected	0.64
Benzene			Not detected	0.65	Not detected	0.65
Bromodichloromethane			Not detected	1.36	Not detected	1.36
Bromoform			Not detected	2.10	Not detected	2.10
Bromomethane			Not detected	0.79	Not detected	0.79
Carbon Disulfide			Not detected	0.63	Not detected	0.63
Carbon Tetrachloride			Not detected	1.28	Not detected	1.28
Chlorobenzene			Not detected	0.94	Not detected	0.94
Chloroethane			Not detected	0.54	Not detected	0.54
Chloroform			Not detected	0.99	Not detected	0.99
Chloromethane			Not detected	0.42	Not detected	0.42

YORK

Client Sample ID			23		S15	
York Sample ID			08030725-03		08030725-04	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
cis-1,2-Dichloroethylene			Not detected	0.81	Not detected	0.81
cis-1,3-Dichloropropylene			Not detected	0.99	Not detected	0.99
Cyclohexane			Not detected	0.70	Not detected	0.70
Dibromochloromethane			Not detected	1.73	Not detected	1.73
Dichlorodifluoromethane			Not detected	1.01	Not detected	1.01
Ethyl acetate			Not detected	0.75	Not detected	0.75
Ethylbenzene			Not detected	0.88	Not detected	0.88
Freon-113			Not detected	1.56	Not detected	1.56
Hexachloro-1,3-Butadiene			Not detected	1.42	Not detected	1.42
Isopropanol			Not detected	0.50	Not detected	0.50
Methyl Ethyl ketone			Not detected	0.60	Not detected	0.60
Methyl Isobutyl ketone			Not detected	0.83	Not detected	0.83
Methylene Chloride			Not detected	0.71	Not detected	0.71
MTBE			Not detected	0.73	Not detected	0.73
n-Heptane			Not detected	0.83	Not detected	0.83
n-Hexane			Not detected	0.72	Not detected	0.72
o-Xylene			Not detected	0.88	Not detected	0.88
p- & m-Xylenes			Not detected	0.88	Not detected	0.88
Propylene			Not detected	0.35	Not detected	0.35
Styrene			Not detected	0.87	Not detected	0.87
Tetrachloroethylene			Not detected	1.38	Not detected	1.38
Tetrahydrofuran			Not detected	0.60	Not detected	0.60
Toluene			Not detected	0.77	Not detected	0.77
trans-1,2-Dichloroethylene			Not detected	0.81	Not detected	0.81
trans-1,3-Dichloropropylene			Not detected	1.01	Not detected	1.01
Trichloroethylene			Not detected	1.09	Not detected	1.09
Trichlorofluoromethane			Not detected	1.14	Not detected	1.14
Vinyl acetate			Not detected	0.72	Not detected	0.72
Vinyl Bromide			Not detected	0.89	Not detected	0.89
Vinyl Chloride			Not detected	0.52	Not detected	0.52

Client Sample ID			11	
York Sample ID			08030725-05	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---
1,1,1-Trichloroethane			Not detected	0.2
1,1,2,2-tetrachloroethane			Not detected	0.2
1,1,2-Trichloroethane			Not detected	0.2
1,1-Dichloroethane			Not detected	0.2
1,1-Dichloroethylene			Not detected	0.2
1,2,4-Trichlorobenzene			Not detected	0.2
1,2,4-Trimethylbenzene			Not detected	0.2
1,2-Dibromoethane			Not detected	0.2
1,2-Dichlorobenzene			Not detected	0.2
1,2-Dichloroethane			Not detected	0.2
1,2-Dichloropropane			Not detected	0.2
1,2-Dichlorotetrafluoroethane			Not detected	0.2
1,3,5-Trimethylbenzene			Not detected	0.2

YORK

Client Sample ID			11	
York Sample ID			08030725-05	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
1,3-Butadiene			Not detected	0.2
1,3-Dichlorobenzene			Not detected	0.2
1,4-Dichlorobenzene			Not detected	0.2
2,2,4-Trimethylpentane			Not detected	0.2
4-Ethyltoluene			Not detected	0.2
Acetone			Not detected	0.2
Allyl Chloride			Not detected	0.2
Benzene			Not detected	0.2
Bromodichloromethane			Not detected	0.2
Bromoform			Not detected	0.2
Bromomethane			Not detected	0.2
Carbon Disulfide			Not detected	0.2
Carbon Tetrachloride			Not detected	0.2
Chlorobenzene			Not detected	0.2
Chloroethane			Not detected	0.2
Chloroform			Not detected	0.2
Chloromethane			Not detected	0.2
cis-1,2-Dichloroethylene			Not detected	0.2
cis-1,3-Dichloropropylene			Not detected	0.2
Cyclohexane			Not detected	0.2
Dibromochloromethane			Not detected	0.2
Dichlorodifluoromethane			Not detected	0.2
Ethyl acetate			Not detected	0.2
Ethylbenzene			Not detected	0.2
Freon-113			Not detected	0.2
Hexachloro-1,3-Butadiene			Not detected	0.2
Isopropanol			Not detected	0.2
Methyl Ethyl ketone			Not detected	0.2
Methyl Isobutyl ketone			Not detected	0.2
Methylene Chloride			Not detected	0.2
MTBE			Not detected	0.2
n-Heptane			Not detected	0.2
n-Hexane			Not detected	0.2
o-Xylene			Not detected	0.2
p- & m-Xylenes			Not detected	0.2
Propylene			Not detected	0.2
Styrene			Not detected	0.2
Tetrachloroethylene			Not detected	0.2
Tetrahydrofuran			Not detected	0.2
Toluene			Not detected	0.2
trans-1,2-Dichloroethylene			Not detected	0.2
trans-1,3-Dichloropropylene			Not detected	0.2
Trichloroethylene			Not detected	0.2
Trichlorofluoromethane			Not detected	0.2
Vinyl acetate			Not detected	0.2
Vinyl Bromide			Not detected	0.2
Vinyl Chloride			Not detected	0.2
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---
1,1,1-Trichloroethane			Not detected	1.11
1,1,2,2-tetrachloroethane			Not detected	1.40
1,1,2-Trichloroethane			Not detected	1.11

YORK

Client Sample ID			11	
York Sample ID			08030725-05	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
1,1-Dichloroethane			Not detected	0.82
1,1-Dichloroethylene			Not detected	0.81
1,2,4-Trichlorobenzene			Not detected	1.66
1,2,4-Trimethylbenzene			Not detected	1.00
1,2-Dibromoethane			Not detected	1.56
1,2-Dichlorobenzene			Not detected	1.22
1,2-Dichloroethane			Not detected	0.82
1,2-Dichloropropane			Not detected	0.94
1,2-Dichlorotetrafluoroethane			Not detected	1.00
1,3,5-Trimethylbenzene			Not detected	1.00
1,3-Butadiene			Not detected	0.45
1,3-Dichlorobenzene			Not detected	1.22
1,4-Dichlorobenzene			Not detected	1.22
2,2,4-Trimethylpentane			Not detected	0.95
4-Ethyltoluene			Not detected	1.00
Acetone			Not detected	0.48
Allyl Chloride			Not detected	0.64
Benzene			Not detected	0.65
Bromodichloromethane			Not detected	1.36
Bromoform			Not detected	2.10
Bromomethane			Not detected	0.79
Carbon Disulfide			Not detected	0.63
Carbon Tetrachloride			Not detected	1.28
Chlorobenzene			Not detected	0.94
Chloroethane			Not detected	0.54
Chloroform			Not detected	0.99
Chloromethane			Not detected	0.42
cis-1,2-Dichloroethylene			Not detected	0.81
cis-1,3-Dichloropropylene			Not detected	0.99
Cyclohexane			Not detected	0.70
Dibromochloromethane			Not detected	1.73
Dichlorodifluoromethane			Not detected	1.01
Ethyl acetate			Not detected	0.75
Ethylbenzene			Not detected	0.88
Freon-113			Not detected	1.56
Hexachloro-1,3-Butadiene			Not detected	1.42
Isopropanol			Not detected	0.50
Methyl Ethyl ketone			Not detected	0.60
Methyl Isobutyl ketone			Not detected	0.83
Methylene Chloride			Not detected	0.71
MTBE			Not detected	0.73
n-Heptane			Not detected	0.83
n-Hexane			Not detected	0.72
o-Xylene			Not detected	0.88
p- & m-Xylenes			Not detected	0.88
Propylene			Not detected	0.35
Styrene			Not detected	0.87
Tetrachloroethylene			Not detected	1.38
Tetrahydrofuran			Not detected	0.60
Toluene			Not detected	0.77
trans-1,2-Dichloroethylene			Not detected	0.81

YORK

Client Sample ID			11	
York Sample ID			08030725-05	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
trans-1,3-Dichloropropylene			Not detected	1.01
Trichloroethylene			Not detected	1.09
Trichlorofluoromethane			Not detected	1.14
Vinyl acetate			Not detected	0.72
Vinyl Bromide			Not detected	0.89
Vinyl Chloride			Not detected	0.52

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

Notes for York Project No. 08030725

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

Approved By: Robert Q. Bradley
Managing Director

Date: 3/28/2008

YORK

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE
STRATFORD, CT 06615
203.325.1371 FAX 203.357-0166

Field Chain-of-Custody Record

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature)
QuES&T Inc. 1376 Route 9 Wappingers Falls, NY 12590	Kenneth C. Eck 1376 Route 9 Wappingers Falls, NY 12590	S. Lander 1376 Route 9 Wappingers Falls, NY 12590	Q07-4598 Van Tassel Cleaners	Courtenay Lander Name (printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
4598-001	Monitoring Pt. #1	3/26/08			✓		VOC TO-15	Summa - #11
4598-002	Monitoring Pt. #2	3/26/08			✓		VOC TO-15	Summa - 514
4598-003	Monitoring Pt. #3	3/26/08			✓		VOC TO-15	Summa - #25
4598-004	Indoor Ambient	3/26/08			✓		VOC TO-15	Summa - #23
4598-005	Outdoor Ambient	3/26/08			✓		VOC TO-15	Summa - 515

Chain-of-Custody Record					
Bottles Relinquished from Lab by	Date/Time	Samples Relinquished by	3/27/08 Date/Time	Samples received by	3/27/08 1135 Date/Time
Bottles received in field by	Date/Time	Samples Relinquished by	Date/Time	Samples received in LAB by	Date/Time

Comments/Special Instructions: Please E-mAil and Fax Results

** see attached

Category B Data Deliverables

Turn-Around Time Requested- Specify Date Expected if RUSH Requested: DATE DUE FOR RUSH:

X STANDARD _____ RUSH(Define)_____