2015 RERIODIC REVIEW REPORT

FORMER A.C. DUTTON LUMBER YARD
DUTCHESS COUNTY, NEW YORK

NYSDEC Site # C314081

REPORTING PERIOD (December 30, 2014 - March 30, 2016)

prepared for:

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PERIODIC REVIEW REPORT

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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
AST	Aboveground Storage Tank
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bgs	below ground surface
CAMP	Community Air Monitoring Plan
C&D	Construction & Demolition Materials
COC	Contaminant of Concern
COPEC	Constituents of Potential Ecological Concern
CY	cubic yard
DER	Division of Environmental Remediation
DER-10	NYSDEC Technical Guidance for Site Investigation & Remediation
DUSR	Data Usability Summary Report
ECs	Engineering Controls
ECL	Environmental Conservation Law
ESA	Environmental Site Assessment
FER	Final Engineering Report
FWRIA	Fish and Wildlife Resources Impact Analysis
gpm	gallons per minute
HHEA	Human Health Exposure Assessment
ICs	Institutional Controls
MW	Monitoring Well
NYSDEC	New York State Department of Environmental Conservation
PCB	Polychlorinated Biphenyls
PID	Photoionization Detector
ppm	parts per million
QAPP	Quality Assurance Project Plan
RA	Remedial Action

Acronym	Definition
RASR	Remedial Action Selection Report
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RDD	Remedial Design Document
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
SCG	Standards, Criteria, and Guidance
SCO	Soil Cleanup Objectives
SESI	SESI Consulting Engineers, PC
SMP	Site Management Plan
SSDS	Sub-Slab Depressurization System
SVOCs	Semi-Volatile Organic Compounds
S&W	S&W Redevelopment of North America, LLC.
TAGM	Technical and Administrative Guidance Memorandum
TAL	Target Analyte List
TOGS	Technical and Operations Guidance Series
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds

1.0 INTRODUCTION

1.1 SUMMARY

This is the Periodic Review Report (PRR) for the period December 30, 2014 to March 30, 2016. The PRR is required as an element of the remedial program at the Former AC Dutton Lumber Yard (hereinafter referred to as the "Site") under the New York State (NYS) Brownfield Cleanup Program (BCP) administered by New York State Department of Environmental Conservation (NYSDEC). The Site was remediated in accordance with Brownfield Cleanup Agreement (BCA) Index W# 1066-05-05, Site #C314081, which was executed on July 6, 2005 and last amended on February 4, 2011. The Site area is 11.8 acres; a Site location map is provided in Figure 1.1. Engineering Controls (ECs) have been constructed on the Site to prevent exposure to the remaining residual contamination during Site use. An Environmental Easement granted to the NYSDEC, and recorded with the Dutchess County Clerk, requires compliance with the Site Management Plan (SMP) dated December 2014 and all ECs and institutional controls (ICs) placed on the Site. The ICs place restrictions on Site use, and mandate operation, maintenance, monitoring and reporting measures for all ECs and ICs.

This PRR reports the required inspection and monitoring activities that were conducted during the current reporting period. The inspection and monitoring were conducted to ensure compliance with all ECs and ICs required by the Environmental Easement and as stated in the SMP as approved by NYSDEC.

1.2 Effectiveness of Remedial Program

Residual contamination remains on the Site, which has been managed according to the requirements of the SMP to keep the Site safe for commercial and restricted residential uses.

The composite cover system remains intact on the site. The cover system has been and will continue to be effective in preventing public exposure to the residual contamination.

The semi-annual sampling of the monitoring well network to determine the effectiveness of the natural degradation of the residual contaminants of concern was

conducted in June 2015 and January 2016. No volatile organic compounds (VOCs) or semi VOCs (SVOCs) were detected during either of the sampling events. Arsenic was detected at levels that exceeded the NYSDEC effluent TOGS. However, chromium, which was detected in the pre-remediation sampling was non-detect (ND) in all wells in both sampling events. A summary of the analytical data for June 2015 and January 2016 sampling event is provided in Tables 1.1A through 1.1C.

The monitoring plan as required in the SMP is effective and protective of the human health and the environment.

1.3 Compliance

SESI completed a site inspection on February 3, 2016 to verify the integrity of the EC's in accordance with the Inspection Checklist provided in Appendix A.

The groundwater monitoring wells were sampled twice in the current reporting period: June 23, 2015 and January 26, 2016 and analyzed for Metals, VOCs and SVOCs, in accordance with the monitoring program in the SMP.

1.4 Recommendations

SESI has verified that the EC's and IC's developed for the site are in compliance with the SMP. SESI recommends continuing the monitoring of groundwater for metals only and discontinue the sampling for VOCs and SVOCs and reducing the monitoring frequency from semi yearly to yearly for the next reporting period. SESI recommends continuing the yearly monitoring of the cover system.

2.0 SITE OVERVIEW

2.1 Site Location and Description

The site is located in the City and Town of Poughkeepsie, County of Dutchess, New York and is comprised of two lots (City of Poughkeepsie Tax ID: 6062-59-766443 and Town of Poughkeepsie Tax ID: 6062-02-763508) on the City and Town of Poughkeepsie Tax Maps. The site is an approximately 11.8-acre area bounded by Hudson River Rowing Association Dock (owned by Vassar College) to the north, a former natural gas regulation station (owned by Central Hudson Gas & Electric) to the south, North Water Street to the east, and a 2.45 acre parcel along the Hudson River

Bank owned by the State of New York to the west. Metes and Bounds of the Site and the Environmental Easement are included in Appendix B.

2.2 Site History

The Site was utilized for industrial use from the mid-19th century to 1995. Before 1913, uses of the Site included an iron works and a glass works at the southern portion of the property. Several kilns were associated with the glass works and kiln ash and slag was reportedly used as fill material on the site. The on-site pressure treatment of lumber using chromated copper arsenate (CCA) has reportedly began in 1966 by the A.C. Dutton Lumber Corporation and continued until 1995, when on-site operations ceased. During lumber processing activities, raw lumber was brought to the site by truck, boat, and rail. Lumber was processed in the on-site pressure treatment plants and then dried and stored outside. Complete site history can be found in the following documents:

- Phase I Investigation Report, dated November 1987, prepared by EnviroPlan Associates, Inc.
- Phase I Environmental Site Assessment, dated August 8, 2002, prepared by Ecosystems Strategies, Inc.;
- Summary Report of Sub-structure Investigations, dated October 3, 2002, prepared by Ecosystems Strategies, Inc.; and
- Summary Report of Supplemental Subsurface Investigation, dated November 25, 2002, prepared by Ecosystems Strategies Inc.

2.2.1 Remedial Investigation (RI) conducted at Site

Soil

The areas surrounding the two pre-existing pressure treatment buildings were the most highly impacted by metals contamination. Investigations showed impacts to deposit/soil in the interior collection drains of one of the pressure treatment buildings as high as 138,000 parts per million (ppm) of arsenic. Chromium and copper were detected in that same location at 98,600 ppm and 8,290 ppm, respectively. That was the maximum concentration of chromium detected at the site. The highest concentration of copper detected at the site was 30,700 ppm.

Surface soil - The entire site is impacted by arsenic, likely the result of storage of treated lumber in exposed areas. Concentrations of arsenic in surface soil identified during the RI ranged from non-detect to 811 ppm.

Subsurface soil- Subsurface soil was impacted by arsenic across the site. Concentrations tended to decrease with increasing depth and most impacts were limited to 1 foot below the ground surface with areas of deeper impacts to 3 feet. The soils in the vicinity of the chemical storage tanks in the pressure treatment buildings were impacted by arsenic and chromium to greater depths (8 feet or more). There were four areas of petroleum impacted soils. Soil samples from these areas showed very limited impacts by volatile organic compounds or semi-volatile organic compounds.

Site-Related Groundwater

Limited impacts to groundwater by metals were identified during the RI. Impacts were limited to isolated locations near the pressure treatment buildings. Contaminants associated with petroleum products (i.e., volatile organic compounds and semi-volatile organic compounds) were not detected during the RI in groundwater samples collected from the vicinity of the petroleum impacted areas.

Site-Related Soil Vapor Intrusion

There was no soil vapor intrusion investigation conducted on site due to the low levels of volatile organic compounds detected in the soil and groundwater.

Underground Storage Tanks

Four areas of known or suspected petroleum impacted soil have been documented on-site at the locations of known or suspected underground storage tanks (USTs). Limited associated groundwater contamination has also been documented. Petroleum impacted soils have been document at the following locations: south and southwest of the northern former pressure treatment plant building; under and around the large office building; immediately northeast of the southern former pressure treatment plant building; and, southwest of the former garage/automotive repair building at the southern end of the Site.

2.2.2 Description of Remedial Actions

The site was remediated in accordance with the NYSDEC-approved Remedial Design Work Plan (RDWP) dated May 2011, an Addendum to the approved RDWP, dated November 7, 2011, and a minor modification to the RDWP dated December 4, 2012.

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

1. Excavation of asphalt/soil/fill/concrete exceeding the site specific guidance level of 300 mg/kg (ppm) for arsenic and restricted residential SCOs for other COCs. The guidance level for arsenic was modified by the NYSDEC during remediation and included the stipulation that a four foot barrier layer of clean fill be installed.

2. Removal of all CBS tanks, their contents, and associated CCS impacted debris;

3. Scarification of the floor of the Southern Pressure Plant Building to a depth of ½" or until there was no visual evidence of staining;

4. Removal of five (5) petroleum bulk storage (PBS) tanks from the site;

5. Demolition of on-site structures;

6. Construction and maintenance of a soil cover system to prevent human exposure to remaining contaminated soil/fill remaining at the site will consist of 2 feet of clean soil, a demarcation layer and 4-6 feet of fill with slight PAH exceedance of the restricted residential SCO approved by the DEC. The cover will also include a minimum of 6-inch newly installed paving system or concrete during the site development into restricted-residential/commercial use;

7. The site was dynamically compacted and any proposed buildings will be surcharged for settlement. This combined compaction will minimize the disturbance of the site soils because it will require shallower foundation.

8. Groundwater monitoring; 4 groundwater monitoring wells (MW) were installed on site after the completion of the remediation. The MWs will be

sampled semi-annually for the first year. Additional subsequent sampling will be decided based on the first year results.

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

10. Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting.

2.2.3 Removal of Contaminated Materials from the Site

As part of Remedial Action, various contaminated materials were removed and disposed off-site over the period. The materials removed from the site and their quantities are listed in Table 2.1.

Table 2.1: Summary of materials removed for off-site disposal

Material Removed	Volume of material Removed	Disposal Location	Disposal Period/Date
Non-Haz waste water from STP secondary containment area	21,625-gallons	Paradise Heating Oil	10/10/11 through 10/11/11
Hazardous CBS tank residue from tanks in NTP and STP	2,900-gallons	Pro-Teck	10/13/11
Non-Haz CBS/PBS tank residues from NTP and STP	1088-gallons diesel/fuel oil 100-gallons non-haz liquid 2,390 non-haz liquid	AB Oil Services	10/19/11 10/21/11 10/22/11
Scarification waste from STP	(39) 55-gallon drums scarification waste. (1) 55-gallon drum debris	Model City	10/08/2012
CCA contaminated a soil and concrete from NTP and STP (FO35 hazardous waste direct landfill disposal)	792.77 tons	Envirowaste of Ohio, Inc.	11/27/2012- 01/09/2013
CCA contaminated soil and concrete and CCA contaminated debris (STP only)	97.61 tons	Model city	10/08/2012
Hazardous FO35 liquid waste from sumps in NTP	(4) 55-gallon drums	Pro-Teck	05/2/2013
Cans of oil based paints found in on- site	(1) 55-gallon drum	Pro-Teck	05/2/2013

2.2.4 On-Site and Off-Site Treatment Systems

No long-term treatment systems were required to be installed as part of the site remedy.

2.2.5 Description of Residual Contamination

- The excavation for metal contaminated soils was conducted to the site specific levels for arsenic, chromium and copper as specified in the SMP.
- A soil cap that ranges in thickness from 4 to 10 feet covers the entire site. The installed soil cap forms a capping system to cover the impacted soils and it acts as grading to raise the site above the flooding levels. The cap consists of 2-feet of clean soil that meets the restricted residential SCOs over a demarcation layer. The balance of the soils underneath the demarcation layer consists of soils that meet the restricted residential with few exceedances in the poly-aromatic hydrocarbons (PAHs) allowed and approved by the NYDEC.

Figures 1-7, 1-7B and 1-7C from SMP (provided in Appendix F) represent the contaminated soils remaining at the site after completion of Remedial Action that exceed the Track 1 (unrestricted) SCOs.

2.2.6 Management of Residual Contamination through Engineering and Institutional Controls in the Environmental Easement

The SMP lists the ECs and ICs required by the NYSDEC to manage the residual contamination present at this Site to protect public health and the environment in the future and keep the Site safe for reuse. The primary Engineering Controls at the site are: (1) a composite cover system comprised, from top to bottom, of a minimum of 24 inches of clean soil, a demarcation layer and 2-6 feet of soils that meet the restricted residential SCO with few PAH exceedances allowed and approved by the NYSDEC since the material is under the demarcation layer; and (2) monitoring of groundwater. The Applicant and Applicant's successors or assigns, must manage the controls and monitoring in full compliance with the terms of the remedial program.

3.0 REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

The goal of the SMP is to manage the residual contamination at the site through implementation of ICs and ECs. At present, SESI is conducting monitoring/inspection of the ICs and ECs on the Site in accordance with the SMP dated December 2014.

The overall Site remedy was designed to ensure that residual soil contamination that remains on-site in fill materials below the two foot clean soil cap does not significantly exceed the more stringent of the applicable NYSDEC restricted residential SCO.

In order to monitor the effectiveness of the contaminant removal and the Site natural attenuation, an onsite monitoring well network is sampled on semi-annual basis. Table 1.1A, 1.1B and 1.1C provides a tabular summary of the groundwater monitoring results of the June 2015 and February 2016 sampling events. The groundwater samples did not result in any VOCs or SVOCs in both sampling events. Chromium, which was detected during the RI, resulted in ND in both sampling events for all wells. Arsenic resulted in exceedances of the NYSDEC groundwater effluent TOGS (16 ug/L) during the sampling event of February 2016 in two (2) wells (PR-MW2 and MW4). The monitoring well locations are depicted in Figure 1.3 of the SMP (provided in Appendix G). The laboratory analytical data packages are provided in Appendix C.

4.0 IC/EC PLAN COMPLIANCE

4.1 IC/EC Requirements and Compliance

Institutional Controls

The Institutional Controls (ICs) in-place at the site consist of (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the site to restricted residential, which will also permit commercial and industrial uses.

The land-use restriction remains in-place and is effective to prohibit the use of the site for anything other than the restricted residential. It also prohibits vegetable gardens and farming on the site.

The Monitoring Plan is intended as a means to observe the long-term effectiveness of the engineering controls at the site. If at any time, the results of the monitoring plan indicate that the site remedy is no longer effective or protective of human health, then ICs will be adjusted and/or added based on the monitoring data.

The SMP is intended to provide guidance for any and all intrusive activities on the site including building construction/expansion, utility line repair/construction and any new construction activities that will cause a disturbance of the soil beneath the demarcation layer. The Site Management Plan remains in-place and is effective.

Engineering Controls

The Engineering Controls (ECs) in-place at the Site consist of (1) site cover system, and (2) a monitoring well network.

The site cover system consists of a minimum 24 inches of clean soil, a demarcation layer and 2-6 feet of soils that meet the restricted residential SCO with few PAH exceedances allowed and approved by the NYSDEC since the material is under the demarcation layer. The objective of this is to prevent the public from being exposed to the residual contamination present beneath the soil cover. The site cover system remains in-place and is effective.

In January 2015, approximately 20,000 cubic yard (CY) of clean soil was imported to the Site for surcharge. SESI submitted a Request to Import Soil form as

required by DER-10 section 5.4(e) to NJDEP (Appendix D). The material was imported from Marist College in Poughkeepsie NY, after NYSDEC approval. The material was sampled in accordance with SMP. In February 2015, 10,000-15,000 CY of rock were imported on the Site for surcharge. The material was approved by the NYSDEC through a Request to Import Soil (Appendix D). The rock material was not sampled for chemical analysis because the sieve analysis resulted in less than 10% of the material passing #80 Sieve.

An onsite monitoring well network is in-place. The monitoring wells are sampled semi-annually to determine the effectiveness of the natural attenuation/degradation. The monitoring wells are all currently in-place and effective for their purpose.

4.2 IC/EC CERTIFICATION

The NYSDEC Institutional and Engineering Controls Certification Form has been completed and is included in Appendix E.

5.0 MONITORING PLAN COMPLIANCE

Table 5.1: Monitoring Program Frequency

Monitoring Program	Frequency*	Matrix	Analysis
Cover System	Annual	Soil	Visual
Groundwater	Semi-annually for the current Reporting Period	Water	Metals, VOCs, SVOCs

Monitoring Completed During Current Reporting Period

Inspection of Composite Cover System was conducted on February 3, 2016. Monitoring wells PR-MW-1, PR-MW-2, PR-MW-3 and PR-MW-4 were sampled on June 23, 2015 and January 26, 2016.

Comparison with Remedial Objectives

The remedial objectives for the composite cover system are being met. The cover system continues to be protective of the human health and the environment for the intended restricted residential use of the property. Fill material was imported to the Site for surcharging purposes from two different sources. In January 2015, approximately 20,000 cubic yard (CY) of clean soil was imported from Marist College Poughkeepsie NY and was sampled in accordance with approved SMP sampling frequency for soil import. A Soil Import/Reuse Form was submitted for NYSDEC approval before importing the material. In February 2015, 10,000-15,000 rock material was imported on Site after approval by the NYSDEC. The rock material did not require chemical analysis because the sieve analysis resulted in less than 10% of the material passing #80 Sieve.

The cover system was found intact during the visual inspection that was conducted on February 3, 2016. Photos of the inspection are included in Appendix E.

Chromium, VOCs and SVOCs were not detected in any of the wells during both sampling events. Two wells (PR-MW2 and MW4) resulted in arsenic levels that exceeded the NYSDEC TOGS effluent (16 ug/L) for groundwater during the January,

2016 sampling event. None of the wells exceeded the arsenic effluent TOGS during the June 2015 sampling event. Lead detects were resulted in wells PR-MW-1, PR-MW-2, and PR-MW-4 at levels below the effluent TOGS. Other metals such as aluminum, iron, and manganese resulted in levels that exceeded the effluent TOGS. A summary of the analytical data for June 2015 and January 2016 sampling event is provided in Tables 1.1A through 1.1C.

Monitoring Deficiencies

All aspects of the monitoring plan were in accordance with NYDEC applicable regulations.

Conclusions and Recommendations

All aspects of the remedial program appear to be meeting the site remedy design goal.

We recommend the following for the next reporting period:

- Groundwater monitoring: reduce the sampling frequency to annual in-lieu of semi-annual and collect samples for metals only because only arsenic exceeded the effluent TOGS.
- Cover system: continue the annual visual inspection of the cover system.

6.0 OPERATION AND MAINTENANCE PLAN COMPLIANCE

The site remedy does not rely on any mechanical systems, such as sub-slab depressurization systems or air sparge/ soil vapor extraction systems to protect public health and the environment. Therefore, the operation and maintenance of such components is not applicable.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Compliance with the SMP

All aspects of the SMP including IC/EC and monitoring have met the requirements. The O&M is not required at this time for the site.

There are no new exposure pathways resulting in an unacceptable risk.

Performance and Effectiveness of the Remedy

The composite cover system remains intact on the site. The cover system has been and will continue to be effective in preventing public exposure to the residual contamination left onsite beneath the cover system.

The sampling of the monitoring well network is determining the effectiveness of the site ability to naturally degrade the contaminants of concern in groundwater.

The proposed annual monitoring plan for the cover system and groundwater monitoring are effective and protective of the previously approved overall site remedy.

Future PRR Submittals

We do not recommend any changes to the frequency of the PRR submittal at this time because IC's and EC's remain in-place and are effective. The next PRR will be submitted in February 2017.

Recommendations

We recommend the following for the next reporting period:

- Groundwater monitoring: reduce the sampling frequency to annual in-lieu of semi-annual and collect samples for metals only because only arsenic exceeded the effluent TOGS.
- Cover system: continue the annual visual inspection of the cover system.

Table 1.1A: Analytical Resuklts for Metals
Former A.C. Dutton Lumbe Yard
Dutchess County, New York

Sample ID	NYS	PR-MW-1				PR-MW-2				PR-MW-3				PR-MW-4			
Sample Date	Groundwater	6/23/2015		1/26/2016		6/23/2015		1/26/2016		6/23/2015		1/26/2016		6/23/2015		1/26/2016	
Result	Effluent Limits	Result	*RL*	Result	*RL*	Result	*RL*	Result	*RL*	Result	*RL*	Result	*RL*	Result	*RL*	Result	*RL*
Metals																	
Mercury	1.4	ND	*0.7*	ND	*0.7*	ND	*0.7*	ND	*0.7*	ND	*0.7*	ND	*0.7*	ND	*0.7*	ND	*0.7*
Aluminum	2,000	**14,000**	*200*	**11,000**	*200*	580	*200*	**5,400**	*200*	ND	*200*	**6,500**	*200*	ND	*200*	**11,000**	*200*
Barium	2,000	130	*50*	86	*50*	100	*50*	180	*50*	ND	*50*	78	*50*	ND	*50*	87	*50*
Calcium	NA	120,000	*5,000*	100,000	*5,000*	86,000	*5,000*	61,000	*5,000*	52,000	*5,000*	120,000	*5,000*	43,000	*5,000*	43,000	*5,000*
Chromium	11	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*
Copper	400	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*
Iron	600	**19,000**	*300*	**17,000**	*300*	**9,100**	*300*	**38,000**	*300*	ND	*300*	**12,000**	*300*	ND	*300*	**26,000**	*300*
Magnesium	NA	26,000	*5,000*	21,000	*5,000*	7,600	*5,000*	10,000	*5,000*	7,800	*5,000*	32,000	*5,000*	7,100	*5,000*	13,000	*5,000*
Manganese	600	**610**	*40*	**490**	*40*	**3,100**	*40*	**3,600**	*40*	ND	*40*	**520**	*40*	ND	*40*	**1,400**	*40*
Nickel	200	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*
Potassium	NA	6,500	*5,000*	ND	*5,000*	ND	*5,000*	ND	*5,000*	ND	*5,000*	5,400	*5,000*	ND	*5,000*	ND	*5,000*
Silver	100	ND	*20*	ND	*20*	ND	*20*	ND	*20*	ND	*20*	ND	*20*	ND	*20*	ND	*20*
Sodium	NA	140,000	*5,000*	120,000	*5,000*	98,000	*5,000*	63,000	*5,000*	59,000	*5,000*	92,000	*5,000*	21,000	*5,000*	17,000	*5,000*
Vanadium	NA	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*	ND	*50*
Zinc	5,000	1,100	*50*	600	*50*	ND	*50*	120	*50*	ND	*50*	260	*50*	ND	*50*	150	*50*
Antimony	6	ND	*3*	ND	*3*	ND	*3*	ND	*3*	ND	*3*	ND	*3*	ND	*3*	ND	*3*
Arsenic	50	16	*2*	16	*2*	**27**	*2*	**130**	*2*	2.3	*2*	9.9	*2*	8.9	*2*	**80**	*2*
Beryllium	NA	1.2	*1*	ND	*1*	ND	*1*	ND	*1*	ND	*1*	ND	*1*	ND	*1*	1.3	*1*
Cadmium	10	ND	*2*	ND	*2*	ND	*2*	ND	*2*	ND	*2*	ND	*2*	ND	*2*	ND	*2*
Cobalt	NA	6.3	*2*	7.2	*2*	ND	*2*	6	*2*	ND	*2*	4.5	*2*	ND	*2*	12	*2*
Lead	50	47	*3*	33	*3*	ND	*3*	45	*3*	ND	*3*	19	*3*	ND	*3*	28	*3*
Selenium	20	ND	*10*	ND	*10*	ND	*10*	ND	*10*	ND	*10*	ND	*10*	ND	*10*	ND	*10*
Thallium	NA	2.5	*2*	ND	*2*	ND	*2*	ND	*2*	ND	*2*	ND	*2*	ND	*2*	ND	*2*

Notes:

All results are in micrograms per liter (ug/L).

ND - Not Detected

Detected concentrations are highlighted.

Detected concentrations exceeding the water quality standards or groundwater effluent limits are highlighted and are in **BLOD**.

Table 1.1B: Analytical Resuklts for Volatile Organic Compounds (VOCs)
Former A.C. Dutton Lumbe Yard
Dutchess County, New York

Sample ID	NYS	PR-MW-1		PR-MW-1		PR-MW-2		PR-MW-2		PR-MW-3		PR-MW-3		PR-MW-4		PR-MW-4	
Sample Date	Groundwater	6/23/2015		1/26/2016		6/23/2015		1/26/2016		6/23/2015		1/26/2016		6/23/2015		1/26/2016	
Result	Effluent Limits	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Volatiles																	
1,1,1-Trichloroethane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1,2,2-Tetrachloroethane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1,2-Trichloro-1,2,2-trifluoroe	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1,2-Trichloroethane	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethene	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,2,3-Trichlorobenzene	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,2,4-Trichlorobenzene	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,2-Dibromo-3-chloropropane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,2-Dibromoethane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,2-Dichlorobenzene	3	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,2-Dichloroethane	0.6	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
1,2-Dichloropropane	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,3-Dichlorobenzene	3	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,4-Dichlorobenzene	3	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,4-Dioxane	NA	ND	50	ND	50	ND	50	ND	50	ND	50	ND	50	ND	50	ND	50
2-Butanone	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
2-Hexanone	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
4-Methyl-2-pentanone	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Acetone	NA	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5
Benzene	1	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
Bromochloromethane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Bromodichloromethane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Bromoform	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Bromomethane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Carbon disulfide	120	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Carbon tetrachloride	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Chlorobenzene	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Chloroethane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Chloroform	7	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Chloromethane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
cis-1,2-Dichloroethene	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
cis-1,3-Dichloropropene	0.4	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Cyclohexane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Dibromochloromethane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Dichlorodifluoromethane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Ethylbenzene	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Isopropylbenzene	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
m&p-Xylenes	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Methyl Acetate	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Methylcyclohexane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Methylene chloride	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Methyl-t-butyl ether	NA	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
o-Xylene	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Styrene	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Tetrachloroethene	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Toluene	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
trans-1,2-Dichloroethene	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
trans-1,3-Dichloropropene	0.4	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Trichloroethene	5	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Trichlorofluoromethane	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Vinyl chloride	2	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Xylenes (Total)	NA	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1

Notes:
All results are in micrograms per liter (ug/L).
ND - Not Detected
NA - Not Available

Table 1.1C: Analytical Resuklts for Semivolatile Organic Compounds (SVOCs)
Former A.C. Dutton Lumbe Yard
Dutchess County, New York

Sample ID			PR-MW-1		PR-MW-1		PR-MW-2		PR-MW-2		PR-MW-3		PR-MW-3		PR-MW-4		PR-MW-4	
Sample Date	NYS Groundwater	NYS Water	6/23/2015		1/26/2016		6/23/2015		1/26/2016		6/23/2015		1/26/2016		6/23/2015		1/26/2016	
Result	Effluent Limits	Quality Standards	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
SemiVolatiles																		
1,1'-Biphenyl	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
1,2,4,5-Tetrachlorobenzene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
2,3,4,6-Tetrachlorophenol	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
2,4,5-Trichlorophenol	2	1	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
2,4,6-Trichlorophenol	2	1	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
2,4-Dichlorophenol	2	1	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
2,4-Dimethylphenol	2	1	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
2,4-Dinitrophenol	2	1	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10
2,4-Dinitrotoluene	NA	5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
2,6-Dinitrotoluene	NA	5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
2-Chloronaphthalene	NA	5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
2-Chlorophenol	2	1	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
2-Methylnaphthalene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
2-Methylphenol	2	1	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
2-Nitroaniline	NA	5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
2-Nitrophenol	2	1	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
3&4-Methylphenol	2	1	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
3,3'-Dichlorobenzidine	NA	5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
3-Nitroaniline	NA	5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
4,6-Dinitro-2-methylphenol	2	1	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10
4-Bromophenyl-phenylether	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
4-Chloro-3-methylphenol	2	1	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
4-Chloroaniline	NA	5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
4-Chlorophenyl-phenylether	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
4-Nitroaniline	NA	5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
4-Nitrophenol	2	1	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Acenaphthene	NA	20	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Acenaphthylene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Acetophenone	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Anthracene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Atrazine	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Benzaldehyde	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Benzo[a]anthracene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Benzo[a]pyrene	ND	ND	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Benzo[b]fluoranthene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Benzo[g,h,i]perylene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Benzo[k]fluoranthene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
bis(2-Chloroethoxy)methane	NA	5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
bis(2-Chloroethyl)ether	1	1	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
bis(2-Chloroisopropyl)ether	NA	5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
bis(2-Ethylhexyl)phthalate	5	5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Butylbenzylphthalate	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Caprolactam	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Carbazole	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Chrysene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Dibenzo[a,h]anthracene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Dibenzofuran	NA	NA	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
Diethylphthalate	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Dimethylphthalate	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Di-n-butylphthalate	50	50	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
Di-n-octylphthalate	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Fluoranthene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Fluorene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Hexachlorobenzene	0.04	0.04	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Hexachlorobutadiene	0.5	0.5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Hexachlorocyclopentadiene	NA	5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Hexachloroethane	NA	5	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Indeno[1,2,3-cd]pyrene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Isophorone	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Naphthalene	NA	NA	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
Nitrobenzene	0.4	0.4	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
N-Nitroso-di-n-propylamine	NA	NA	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
N-Nitrosodiphenylamine	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Pentachlorophenol	2	1	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10
Phenanthrene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Phenol	2	1	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2
Pyrene	NA	NA	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2

Notes:
All results are in micrograms per liter (ug/L).
ND - Not Detected
NA - Not Available

APPENDIX A – SITE INSPECTION FORMS

INSPECTION CHECKLIST

FORMER AC DUTTON
POUGHKEEPSIE , NEW YORK
NYSDEC BCP No. C314081

SESI CONSULTING ENGINEERS **Inspection Date: 02.03.2016**

COMPOSITE COVER SYSTEM

- Is the integrity of the cover system in tact? Yes _X_ No ___
- Do the maintenance records indicate any invasive subsurface work has been completed after the last inspection? Yes ___ No _X_
- Has any soil been removed or imported from the Site since the last inspection? Yes _X_ No ___
- If soil has been disposed off-Site or imported, has this been completed in accordance with the NYSDEC approved Soil Management Plan for the Site? Yes _X_ No ___
- If subsurface invasive work was undertaken, has the demarcation geotextile and the "clean soil cover" been restored? Yes _X_ No ___
- Did a Professional Engineer or a qualified environmental professional (approved by the NYSDEC) oversee the above work? Yes _X_ No ___
- Was NYSDEC notified of disturbances to the "Clean Soil Cover" ? Yes ___ No ___
- List of all reported disturbances since last inspection:

NONE

SUB-SLAB VENTING/DEPRESSURIZATION SYSTEM (SSDS) (WHEN NEEDED)

- Is the SSDS operating as designed? Yes ___ No ___
- Do the maintenance records indicate any problems since the last inspection (e.g., broken vent pipes, clogged sub-slab drainage pipes, odors reported by residents and others etc.) Yes ___ No ___
- Did an inspection of the concrete slab above the SSDS indicate new cracks or other breaches (e.g., new utilities going through the slab, etc.)? Yes ___ No ___
- Have the cracks been sealed? Yes ___ No ___
- Is the labeling associated with the system in tact? Yes ___ No ___

INSPECTION CHECKLIST

FORMER AC DUTTON
POUGHKEEPSIE , NEW YORK
NYSDEC BCP No. C314081

SESI CONSULTING ENGINEERS **Inspection Date: 02.03.2016**

- Has the annual indoor sampling been completed? Yes ___ No ___

- Has the NYSDEC been notified of any problem with the SSDS? Yes ___ No ___

MONITORING WELL NETWORK

- Are all the on-Site monitoring wells accessible for annual compliance sampling (i.e., they are not covered by soil, dumpsters, etc.)? Yes _X_ No ___

- Is the integrity of the flush-mount/stickup manhole covers And associated concrete pads intact? Yes _X_ No ___

- Are the monitoring wells locked and the locks functioning? Yes _X_ No ___

INSPECTION CHECKLIST
FORMER AC DUTTON
POUGHKEEPSIE, NEW YORK
NYSDEC BCP No. C314081

SESI CONSULTING ENGINEERS **Inspection Date: 02.03.2016**

COMPOSITE COVER SYSTEM

- Is the integrity of the cover system in tact? Yes _X_ No ___
- Do the maintenance records indicate any invasive subsurface work has been completed after the last inspection? Yes ___ No _X_
- Has any soil been removed or imported from the Site since the last inspection? Yes _X_ No ___
- If soil has been disposed off-Site or imported, has this been completed in accordance with the NYSDEC approved Soil Management Plan for the Site? Yes _X_ No ___
- If subsurface invasive work was undertaken, has the demarcation geotextile and the "clean soil cover" been restored? Yes _X_ No ___
- Did a Professional Engineer or a qualified environmental professional (approved by the NYSDEC) oversee the above work? Yes _X_ No ___
- Was NYSDEC notified of disturbances to the "Clean Soil Cover" ? Yes ___ No ___
- List of all reported disturbances since last inspection:

NONE

APPENDIX B – METES & BOUNDS AND ENVIRONMENTAL EASEMENT

SCHEDULE "A" PROPERTY DESCRIPTION

ALL that certain parcel of land with the buildings and improvements thereon erected, situate, lying and being partially in the City of Poughkeepsie and Town of Poughkeepsie, County of Dutchess and State of New York, being a portion of what is shown as Parcel A on a certain map entitled, "Subdivision of Property, A. C. Dutton Lumber Corporation" and filed as map number 7345 and being more particularly bounded and described as follows.

BEGINNING at a point on the northerly line of Dutchess Avenue in the City of Poughkeepsie at the southwesterly corner of a grant of lands underwater to Martin Hoffman by Letters Patent dated August 10, 1815 and recorded in the New York State Department of State in Book 26 of Patents at page 505; heading from said point of beginning along the easterly and northerly lines of the Hoffman Patent, N 05° 09' 22" E, a distance of 383.28 feet and S 84°50'38" E, a distance of 66.00 feet to a point on the westerly line of a grant of lands under water to John Delafield by Letters Patent dated September 22, 1836 and recorded in Book 31 of Patents at page 39; thence heading northerly along the same, N 05° 09' 22" E for a distance of 164.29 feet to a point on a grant of lands under water to Fallkill Iron Works by Letters Patent dated December 12, 1862 and recorded in Book 39 of Patents at page 128; thence heading westerly and northerly along the same, N 88° 15'38" W, a distance of 60.37 feet and N 06° 59' 22" E, a distance of 455.33 feet to a point on the southerly line of a grant of lands underwater to Henry D. Myers by Letters Patent dated March 26, 1870, recorded in Book 42 of Patents at page 1; thence heading northerly along the same, N 06° 59' 22" E, crossing the centerline of an underground creek known as "Kidney Creek", at 10.36 feet, said creek being the division line between the City of Poughkeepsie and the Town of Poughkeepsie and continuing in the Town of Poughkeepsie for a distance of 252.64 feet for a total distance of 263.00 feet and N 13° 05'38" W, a distance of 137.75 feet to a point at the southwesterly corner of Parcel B, f.m. 7354, land now or formerly of Vassar College (L1967 P625), said point also being the northwesterly corner of the herein described Easement; thence heading southeasterly along the lands of Vassar College, S 83° 53' 08" E, a distance of 336.58 feet to a point at the corner of the main portion of Parcel B and the North Water Street portion of Parcel B, said point also being the northeasterly corner of this described Easement; thence heading southerly along the westerly line of the North Water Street portion of lands of Vassar College, the following 9 courses:

1) A curve to the left having a radius of 252.11 feet, a length of 117.24 feet and a delta angle of 26° 38' 41" to a point;

2)S 20° 31' 42" E, a distance of 23.60 feet to a point;

3)A curve to the right having a radius of 71.25 feet, a length of 24.43 feet and a delta angle of 19° 38' 43" to a point;

4)S 00° 52' 32" E, crossing the centerline of the previously mentioned "Kidney Creek" at 268.41feet, said creek being the division line between the Town of Poughkeepsie and the City of Poughkeepsie and continuing in the City of Poughkeepsie for a distance of 156.59 feet for a total distance of 425.00 feet to a point;

5)A curve to the left having a radius of 296.26 feet, a length of 56.38 feet and a delta angle of 10° 54' 13" to a point;

6)S 11° 46' 42" E, a distance of 108.00 feet to a point;

7) A curve to the right having a radius of 474.30 feet, a length of 138.90 feet and a delta angle of 16° 46' 46" to a point;

8)S 04° 59' 58" W, a distance of 115.71 feet to a point;

9)A curve to the left having a radius of 894.65 feet, a length of 34.52 feet and a delta angle of 2° 12' 38" to a concrete monument found at the northwesterly corner of a City of Poughkeepsie Highway Taking area (L22009 P4466);

thence heading southerly along the Taking Line, the following 3 courses:

1)S 18° 10' 56" W, a distance of 26.90 feet to a concrete monument;

2)S 06° 54' 44" W, a distance of 50.77 feet to a concrete monument;

3)S 02° 09' 16" W, a distance of 52.32 feet to a concrete monument, said point being on the northerly line of the unimproved section of Hoffman Street;

thence heading northwesterly along Hoffman Street, N 74° 44' 52" W, a distance of 192.56 feet to a point at the northwesterly corner of Hoffman Street; thence heading southwesterly along Hoffman Street and lands now or formerly of Morrison (L22003 P10228) and Dubraski (L1590 P210), S 15° 15' 08" W, a distance of 310.00 feet to a point on the northerly line of the previously mentioned Dutchess Avenue, said point also being the southeasterly corner of the herein described Easement; thence heading northwesterly along the northerly line of Dutchess Avenue, N 74° 44' 52" W, a distance of 227.54 feet to the point and place of beginning.

CONTAINING 11.839 acres of land, more or less.

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

THIS INDENTURE made this 20th day of June, 2014, between Owner(s) The O'Neill Group-Dutton LLC, having an office at 241 Hudson Street, Hackensack, County of Bergen, State of New Jersey (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

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

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

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

WHEREAS, Grantor, is the owner of real property located at the address of One Dutchess Avenue in the City of and Town of Poughkeepsie, County of Dutchess and State of New York, known and designated on the tax map of the County Clerk of Dutchess as tax map parcel numbers: Section City – 6062, Section Town - 6062 Block City – 59, Block Town - 02 Lot City – 766443, Lot Town – 763508, being the same as that property conveyed to Grantor by deed dated October 1, 2004, and recorded in the Dutchess County Clerk's Office in Liber and Page 02 2004 10889. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 11.839 +/- acres, and is hereinafter more fully described in the Land Title Survey dated September 17, 2013 and revised on September 23, 2013, April 24, 2014 and April 28, 2014 prepared by Larry L. Lynn, L.S., which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the

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

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: W3-1066-05-05 as amended by NYSDEC Letter, dated December 15, 2010, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement")

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Dutchess County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

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

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

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

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

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

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

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

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

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

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5 the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

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

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

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

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

5. Enforcement

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

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

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

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

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

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

Parties shall address correspondence to: Site Number: C314081
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to: Site Control Section

Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

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

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

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

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

The O'Neill Group-Dutton, LLC:

By: _____

Print Name: Paula O'Neill

Title: MANAGING MEMBER Date: 5/14/14

Grantor's Acknowledgment

STATE OF NEW ~~YORK~~ Jersey)
) ss:
COUNTY OF Bergen)

TERESA DONEGAN
NOTARY PUBLIC OF NEW JERSEY
ID # 2430446
My Commission Expires 2/26/2018

On the 14th day of May, in the year 2014, before me, the undersigned, personally appeared Paula O'Neill, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Teresa Donegan
Notary Public - State of New York

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Robert W. Schick, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 20th day of June, in the year 2018, before me, the undersigned, personally appeared Robert W. Schick, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2018

SCHEDULE "A" PROPERTY DESCRIPTION

ALL that certain parcel of land with the buildings and improvements thereon erected, situate, lying and being partially in the City of Poughkeepsie and Town of Poughkeepsie, County of Dutchess and State of New York, being a portion of what is shown as Parcel A on a certain map entitled, "Subdivision of Property, A. C. Dutton Lumber Corporation" and filed as map number 7345 and being more particularly bounded and described as follows.

BEGINNING at a point on the northerly line of Dutchess Avenue in the City of Poughkeepsie at the southwesterly corner of a grant of lands underwater to Martin Hoffman by Letters Patent dated August 10, 1815 and recorded in the New York State Department of State in Book 26 of Patents at page 505; heading from said point of beginning along the easterly and northerly lines of the Hoffman Patent, N 05° 09' 22" E, a distance of 383.28 feet and S 84°50'38" E, a distance of 66.00 feet to a point on the westerly line of a grant of lands under water to John Delafield by Letters Patent dated September 22, 1836 and recorded in Book 31 of Patents at page 39; thence heading northerly along the same, N 05° 09' 22" E for a distance of 164.29 feet to a point on a grant of lands under water to Fallkill Iron Works by Letters Patent dated December 12, 1862 and recorded in Book 39 of Patents at page 128; thence heading westerly and northerly along the same, N 88° 15'38" W, a distance of 60.37 feet and N 06° 59' 22" E, a distance of 455.33 feet to a point on the southerly line of a grant of lands underwater to Henry D. Myers by Letters Patent dated March 26, 1870, recorded in Book 42 of Patents at page 1; thence heading northerly along the same, N 06° 59' 22" E, crossing the centerline of an underground creek known as "Kidney Creek", at 10.36 feet, said creek being the division line between the City of Poughkeepsie and the Town of Poughkeepsie and continuing in the Town of Poughkeepsie for a distance of 252.64 feet for a total distance of 263.00 feet and N 13° 05'38" W, a distance of 137.75 feet to a point at the southwesterly corner of Parcel B, f.m. 7354, land now or formerly of Vassar College (L1967 P625), said point also being the northwesterly corner of the herein described Easement; thence heading southeasterly along the lands of Vassar College, S 83° 53' 08" E, a distance of 336.58 feet to a point at the corner of the main portion of Parcel B and the North Water Street portion of Parcel B, said point also being the northeasterly corner of this described Easement; thence heading southerly along the westerly line of the North Water Street portion of lands of Vassar College, the following 9 courses:

1) A curve to the left having a radius of 252.11 feet, a length of 117.24 feet and a delta angle of 26° 38' 41" to a point;

2)S 20° 31' 42" E, a distance of 23.60 feet to a point;

3)A curve to the right having a radius of 71.25 feet, a length of 24.43 feet and a delta angle of 19° 38' 43" to a point;

4)S 00° 52' 32" E, crossing the centerline of the previously mentioned "Kidney Creek" at 268.41feet, said creek being the division line between the Town of Poughkeepsie and the City of Poughkeepsie and continuing in the City of Poughkeepsie for a distance of 156.59 feet for a total distance of 425.00 feet to a point;

5)A curve to the left having a radius of 296.26 feet, a length of 56.38 feet and a delta angle of 10° 54' 13" to a point;

6)S 11° 46' 42" E, a distance of 108.00 feet to a point;

7) A curve to the right having a radius of 474.30 feet, a length of 138.90 feet and a delta angle of 16° 46' 46" to a point;

8)S 04° 59' 58" W, a distance of 115.71 feet to a point;

9)A curve to the left having a radius of 894.65 feet, a length of 34.52 feet and a delta angle of 2° 12' 38" to a concrete monument found at the northwesterly corner of a City of Poughkeepsie Highway Taking area (L22009 P4466);

thence heading southerly along the Taking Line, the following 3 courses:

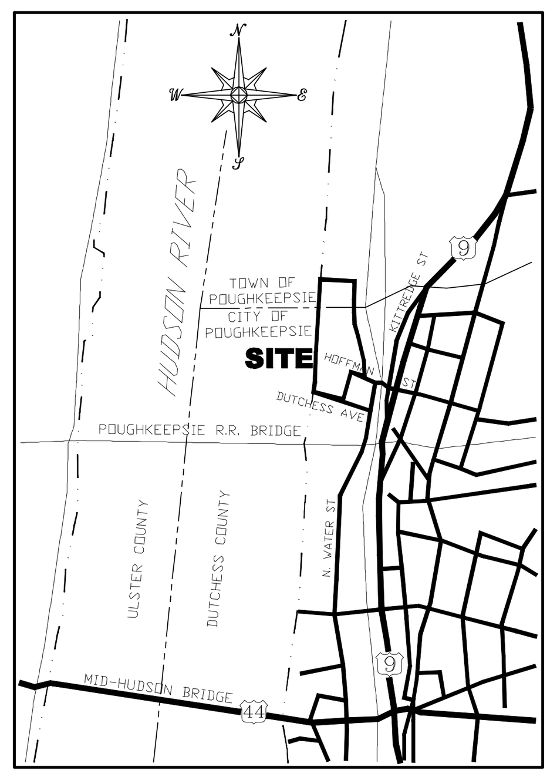
1)S 18° 10' 56" W, a distance of 26.90 feet to a concrete monument;

2)S 06° 54' 44" W, a distance of 50.77 feet to a concrete monument;

3)S 02° 09' 16" W, a distance of 52.32 feet to a concrete monument, said point being on the northerly line of the unimproved section of Hoffman Street;

thence heading northwesterly along Hoffman Street, N 74° 44' 52" W, a distance of 192.56 feet to a point at the northwesterly corner of Hoffman Street; thence heading southwesterly along Hoffman Street and lands now or formerly of Morrison (L22003 P10228) and Dubraski (L1590 P210), S 15° 15' 08" W, a distance of 310.00 feet to a point on the northerly line of the previously mentioned Dutchess Avenue, said point also being the southeasterly corner of the herein described Easement; thence heading northwesterly along the northerly line of Dutchess Avenue, N 74° 44' 52" W, a distance of 227.54 feet to the point and place of beginning.

CONTAINING 11.839 acres of land, more or less.



CITY EASEMENT LINE TABLE		
LINE	LENGTH	BEARING
E1	6.70	N74°44'52"W
E2	51.10	N02°09'16"E
E3	51.04	N06°54'44"E
E4	28.87	N31°00'00"E

THIS SURVEY HAS BEEN REVISED WITH THE BENEFIT OF TITLE REPORT ORDER NO. M-056464 DATED: SEPTEMBER 23, 2013

-- I HEREBY CERTIFY TO --

1) THE PEOPLE OF THE STATE OF NEW YORK ACTING THROUGH THEIR COMMISSIONER OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.

2) THE O'NEILL GROUP-DUTTON, LLC

3) Fidelity National Title Insurance Company by Sneeringer Monahan Provost Redgrave Title Agency, Inc., Agent
Order NUMBER: M-056464

SCHEDULE A
ENVIRONMENTAL EASEMENT DESCRIPTION

ALL that certain parcel of land with the buildings and improvements thereon erected, situate, lying and being partially in the City of Poughkeepsie and Town of Poughkeepsie, County of Dutchess and State of New York, being a portion of what is shown as Parcel A on a certain map entitled, "Subdivision of Property, A. C. Dutton Lumber Corporation" and filed as map number 7345 and being more particularly bounded and described as follows.

BEGINNING at a point on the northerly line of Dutchess Avenue in the City of Poughkeepsie at the southwesterly corner of a grant of lands underwater to Martin Hoffman by Letters Patent dated August 10, 1815 and recorded in the New York State Department of State in Book 26 of Patents at page 505; heading from said point of beginning along the easterly and northerly lines of the Hoffman Patent, N 05° 09' 22" E, a distance of 383.28 feet and S 84°50'38" E, a distance of 66.00 feet to a point on the westerly line of a grant of lands under water to John Delafield by Letters Patent dated September 22, 1836 and recorded in Book 31 of Patents at page 39; thence heading northerly along the same, N 05° 09' 22" E for a distance of 164.29 feet to a point on a grant of lands under water to Fallkill Iron Works by Letters Patent dated December 12, 1862 and recorded in Book 39 of Patents at page 128; thence heading westerly and northerly along the same, N 88° 15'38" W, a distance of 60.37 feet and N 06° 59' 22" E, a distance of 455.33 feet to a point on the southerly line of a grant of lands underwater to Henry D. Myers by Letters Patent dated March 26, 1870, recorded in Book 42 of Patents at page 1; thence heading northerly along the same,
N 06° 59' 22" E, crossing the centerline of an underground creek known as "Kidney Creek", at 10.36 feet, said creek being the division line between the City of Poughkeepsie and the Town of Poughkeepsie and continuing in the Town of Poughkeepsie for a distance of 252.64 feet for a total distance of 263.00 feet and N 13° 05'38" W, a distance of 137.75 feet to a point at the southwesterly corner of Parcel B, f.m. 7354, land now or formerly of Vassar College (L1967 P625), said point also being the northwesterly corner of the herein described Easement; thence heading southeasterly along the lands of Vassar College, S 83° 53' 08" E, a distance of 336.58 feet to a point at the corner of the main portion of Parcel B and the North Water Street portion of Parcel B, said point also being the northeasterly corner of this described Easement; thence heading southerly along the westerly line of the North Water Street portion of lands of Vassar College, the following 9 courses:

1) **A curve to the left having a radius of 252.11 feet, a length of 117.24 feet and a delta angle of 26° 38' 41" to a point;**
2) **S 20° 31' 42" E, a distance of 23.60 feet to a point;**
3) **A curve to the right having a radius of 71.25 feet, a length of 24.43 feet and a delta angle of 19° 38' 43" to a point;**
4) **S 00° 52' 32" E, crossing the centerline of the previously mentioned "Kidney Creek" at 268.41 feet, said creek being the division line between the Town of Poughkeepsie and the City of Poughkeepsie and continuing in the City of Poughkeepsie for a distance of 156.59 feet for a total distance of 425.00 feet to a point;**
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6) **S 11° 46' 42" E, a distance of 108.00 feet to a point;**
7) **A curve to the right having a radius of 474.30 feet, a length of 138.90 feet and a delta angle of 16° 46' 46" to a point;**
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thence heading southerly along the Taking Line, the following 3 courses:

1) **S 18° 10' 56" W, a distance of 26.90 feet to a concrete monument;**
2) **S 06° 54' 44" W, a distance of 50.77 feet to a concrete monument;**
3) **S 02° 09' 16" W, a distance of 52.32 feet to a concrete monument, said point being on the northerly line of the unimproved section of Hoffman Street;**

thence heading northwesterly along Hoffman Street, N 74° 44' 52" W, a distance of 192.56 feet to a point at the northwesterly corner of Hoffman Street; thence heading southwesterly along Hoffman Street and lands now or formerly of Morrison (L22003 P10228) and Dubraski (L1590 P210), S 15° 15' 08" W, a distance of 310.00 feet to a point on the northerly line of the previously mentioned Dutchess Avenue, said point also being the southeasterly corner of the herein described Easement; thence heading northwesterly along the northerly line of Dutchess Avenue, N 74° 44' 52" W, a distance of 227.54 feet to the point and place of beginning.

CONTAINING 11.839 acres of land, more or less.

INTENDED to be an Environmental Easement over the entire premises conveyed to The O'Neill Group-Dutton, LLC from A. C. Dutton Lumber Corporation by a certain deed dated October 1, 2004 and filed in the office of the Dutchess County Clerk in liber 22004 at page 10889, minus the Filled Lands along the Hudson River not previously Granted by the State of New York and the Hoffman Street Taking area as described in a certain deed dated June 24, 2009 and filed in the office of the Dutchess County Clerk in liber 22009 at page 4466.

COORDINATE SYSTEM NOTES:
1. STATE PLANE NEW YORK EAST, NAD 83 ZONE 3001 WAS USED FOR THIS PROJECT. BEARINGS WERE ADJUSTED TO GRID NORTH.

ENVIRONMENTAL EASEMENT AREA ENGINEERING CONTROLS

Soil Management Plan Area - The metes and bounds for this engineering control is the same as Schedule A above and impacts the entire BCP Site.

Site-wide Cover System - The metes and bounds for this engineering control is the same as Schedule A above and impacts the entire BCP Site.

PARCEL AREAS
TOTAL PARCEL TO PATENT LINES = 11.839 AC.
CITY OF POUGHKEEPSIE = 8.603 AC.
TOWN OF POUGHKEEPSIE = 3.236 AC.

LEGEND

1577/162	DEED LIBER/PAGE	I.P.	IRON PIN
N/F	NOW OR FORMERLY	FD	FOUND
FM	FILED MAP	EOP	EDGE OF PAVEMENT
CONC.	CONCRETE	GRVL.	GRAVEL
BIT.	BITUMINOUS (ASPHALT)	TM	TAX MAP

SCALE: 1"=50'

ALTA/DEC EASEMENT TITLE SURVEY
PROPERTY OF
THE O'NEILL GROUP-DUTTON, LLC
BCP SITE# C314081
SITUATE IN
THE CITY & TOWN OF POUGHKEEPSIE
COUNTY OF DUTCHESS
STATE OF NEW YORK
SEPTEMBER 17, 2013
SHEET 1 OF 1

LLL
33-04

THIS SURVEY IS ACCURATE AND CORRECT BY:
LARRY L. LYNN, L.S.
WAPPINGERS FALLS, NY
N.Y.S.R.L.S. No. 050531

STATE OF NEW YORK · LARRY L. LYNN · 050531 · LICENSED LAND SURVEYOR

FOR THIS MAP AND COPIES THERE OF ONLY IF SAID MAP OR COPIES BEAR THE IMPRESSED SEAL OF THE SURVEYOR WHOSE SIGNATURE APPEARS HEREON.

PREPARED BY LARRY L. LYNN, LS, "GERALD L. LYNN, LAND SURVEYOR, P.C." 1575 RTE. 376 WAPPINGERS FALLS, NY 12590, (845) 463-2733.
SITE PLAN COMPLETED BY ME OR UNDER MY DIRECT SUPERVISION ON SEPTEMBER 17, 2013. BASED ON A FIELD SURVEY COMPLETED BY ME OR UNDER MY DIRECT SUPERVISION ON MARCH 13, 2007, UPDATED 3/5/13, 7/31/13 & 8/27/13.
UNAUTHORIZED ALTERATION OR ADDITIONS TO THIS PLOT PLAN IS A VIOLATION OF SECTION 7209(2) OF THE NEW YORK STATE EDUCATION LAW.

PROPERTY NOTES:
1. PARCEL IS AS SHOWN ON A CERTAIN MAP ENTITLED, "SUBDIVISION OF PROPERTY, A.C. DUTTON LUMBER CORPORATION" AND FILED AS MAP NO. 7354 PAGE 2.

2) PROPERTY ADDRESS: 1 DUTCHESS AVE., POUGHKEEPSIE, NY 12601
TAX GRID, 131300-6062-59-766443 (CITY PORTION),
TAX GRID, 134689-6062-02-763508 (TOWN PORTION).

3) SUBJECT TO EASEMENTS OF RECORD.

4) EASEMENTS AS PER TITLE REPORT:
UTILITY EASEMENT, LIBER 1259 PAGE 889
WATER LINE EASEMENT, LIBER 1269 PAGE 785
SIDE TRACK EASEMENT WITH COVENANTS, LIBER 1229 PAGE 415
RETAINING WALL EASEMENT, LIBER 22009 PAGE 4003 AND 4466 (SP. NOTE 3)

SPECIAL NOTES:
1) PATENT LINES AND TOWN LINE ARE AS SHOWN ON FILED MAP NO. 7354 PAGE 2 AND DESCRIBED IN FILED LETTERS OF PATENT.

2) WESTERLY PROPERTY LINES ARE AT PATENT LINES OF RECORD.

3) THE CITY OF POUGHKEEPSIE ACQUIRED A PORTION OF LAND IN THE SOUTHEASTERLY CORNER, DOC. 02-2009-4003 & 4466. THIS ACQUISITION INCLUDES A PERMANENT EASEMENT FOR A RETAINING WALL.

4) A 20' WIDE EASEMENT AND PARCEL C ARE SHOWN ON FILED MAP 7354 & OMITTED FROM THIS PLAN DUE TO UNCERTAINTY OF THEIR EXECUTION.

REVISIONS:
1) REVISED NOTES, 9/23/13, LL
2) REVISED DESCRIPTION, 4/24/14, LL
3) REVISED NOTES, 4/28/14, LL

APPENDIX C – LABORATORY ANALYTICAL REPORTS

(ELECTRONIC)

Hampton-Clarke Report Of Analysis

Client: SESI Consulting Engineers **HC Project #:** 6012609

Project: Poughkeepsie

Sample ID: PR-MW-1 **Collection Date: 1/26/2016**
Lab#: AC89359-001 **Receipt Date: 1/26/2016**
Matrix: Aqueous

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.50	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND

Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	41.79	50	30	130	84	
Phenol-d5	55.38	100	15	110	55	
Nitrobenzene-d5	37.75	50	30	130	75	
2-Fluorophenol	63.95	100	15	110	64	
2-Fluorobiphenyl	38.32	50	30	130	77	
2,4,6-Tribromophenol	76.47	100	15	110	76	

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	**1**	**ug/l**	**200**	**11000**
Barium	**1**	**ug/l**	**50**	**86**
Calcium	**1**	**ug/l**	**5000**	**100000**
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	**1**	**ug/l**	**300**	**17000**
Magnesium	**1**	**ug/l**	**5000**	**21000**
Manganese	**1**	**ug/l**	**40**	**490**
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	**1**	**ug/l**	**5000**	**120000**
Vanadium	1	ug/l	50	ND
Zinc	**1**	**ug/l**	**50**	**600**

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	**1**	**ug/l**	**2.0**	**16**
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	**1**	**ug/l**	**2.0**	**7.2**
Lead	**1**	**ug/l**	**3.0**	**33**
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND

Sample ID: PR-MW-1 **Collection Date: 1/26/2016**
Lab#: AC89359-001 **Receipt Date: 1/26/2016**
Matrix: Aqueous

4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.70	30	70	130	99	
Dibromofluoromethane	30.46	30	70	130	102	
Bromofluorobenzene	28.47	30	70	130	95	
1,2-Dichloroethane-d4	31.25	30	70	130	104	

Sample ID: PR-MW-2 | **Collection Date: 1/26/2016**
Lab#: AC89359-002 | **Receipt Date: 1/26/2016**
Matrix: Aqueous

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.50	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND

N-Nitrosodiphenylamine	1	ug/l	2.0	ND	
Pentachlorophenol	1	ug/l	10	ND	
Phenanthrene	1	ug/l	2.0	ND	
Phenol	1	ug/l	2.0	ND	
Pyrene	1	ug/l	2.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	50.75	50	30	130	101	
Phenol-d5	42.54	100	15	110	43	
Nitrobenzene-d5	45.59	50	30	130	91	
2-Fluorophenol	59.23	100	15	110	59	
2-Fluorobiphenyl	47.18	50	30	130	94	
2,4,6-Tribromophenol	92.95	100	15	110	93	

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	**1**	**ug/l**	**200**	**5400**
Barium	**1**	**ug/l**	**50**	**180**
Calcium	**1**	**ug/l**	**5000**	**61000**
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	**1**	**ug/l**	**300**	**38000**
Magnesium	**1**	**ug/l**	**5000**	**10000**
Manganese	**1**	**ug/l**	**40**	**3600**
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	**1**	**ug/l**	**5000**	**63000**
Vanadium	1	ug/l	50	ND
Zinc	**1**	**ug/l**	**50**	**120**

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	**1**	**ug/l**	**2.0**	**130**
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	**1**	**ug/l**	**2.0**	**6.0**
Lead	**1**	**ug/l**	**3.0**	**45**
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND

Sample ID: PR-MW-2 **Collection Date: 1/26/2016**
Lab#: AC89359-002 **Receipt Date: 1/26/2016**
Matrix: Aqueous

Carbon tetrachloride	1	ug/l	1.0	ND	
Chlorobenzene	1	ug/l	1.0	ND	
Chloroethane	1	ug/l	1.0	ND	
Chloroform	1	ug/l	1.0	ND	
Chloromethane	1	ug/l	1.0	ND	
cis-1,2-Dichloroethene	1	ug/l	1.0	ND	
cis-1,3-Dichloropropene	1	ug/l	1.0	ND	
Cyclohexane	1	ug/l	1.0	ND	
Dibromochloromethane	1	ug/l	1.0	ND	
Dichlorodifluoromethane	1	ug/l	1.0	ND	
Ethylbenzene	1	ug/l	1.0	ND	
Isopropylbenzene	1	ug/l	1.0	ND	
m&p-Xylenes	1	ug/l	1.0	ND	
Methyl Acetate	1	ug/l	1.0	ND	
Methylcyclohexane	1	ug/l	1.0	ND	
Methylene chloride	1	ug/l	1.0	ND	
Methyl-t-butyl ether	1	ug/l	0.50	ND	
o-Xylene	1	ug/l	1.0	ND	
Styrene	1	ug/l	1.0	ND	
Tetrachloroethene	1	ug/l	1.0	ND	
Toluene	1	ug/l	1.0	ND	
trans-1,2-Dichloroethene	1	ug/l	1.0	ND	
trans-1,3-Dichloropropene	1	ug/l	1.0	ND	
Trichloroethene	1	ug/l	1.0	ND	
Trichlorofluoromethane	1	ug/l	1.0	ND	
Vinyl chloride	1	ug/l	1.0	ND	
Xylenes (Total)	1	ug/l	1.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	28.95	30	70	130	97	
Dibromofluoromethane	31.14	30	70	130	104	
Bromofluorobenzene	27.87	30	70	130	93	
1,2-Dichloroethane-d4	31.09	30	70	130	104	

Sample ID: PR-MW-3 | **Collection Date: 1/26/2016**
Lab#: AC89359-003 | **Receipt Date: 1/26/2016**
Matrix: Aqueous

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.50	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND

N-Nitrosodiphenylamine	1	ug/l	2.0	ND	
Pentachlorophenol	1	ug/l	10	ND	
Phenanthrene	1	ug/l	2.0	ND	
Phenol	1	ug/l	2.0	ND	
Pyrene	1	ug/l	2.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	42.80	50	30	130	86	
Phenol-d5	36.31	100	15	110	36	
Nitrobenzene-d5	39.43	50	30	130	79	
2-Fluorophenol	52.71	100	15	110	53	
2-Fluorobiphenyl	41.33	50	30	130	83	
2,4,6-Tribromophenol	80.91	100	15	110	81	

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	**1**	**ug/l**	**200**	**6500**
Barium	**1**	**ug/l**	**50**	**78**
Calcium	**1**	**ug/l**	**5000**	**120000**
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	**1**	**ug/l**	**300**	**12000**
Magnesium	**1**	**ug/l**	**5000**	**32000**
Manganese	**1**	**ug/l**	**40**	**520**
Nickel	1	ug/l	50	ND
Potassium	**1**	**ug/l**	**5000**	**5400**
Silver	1	ug/l	20	ND
Sodium	**1**	**ug/l**	**5000**	**92000**
Vanadium	1	ug/l	50	ND
Zinc	**1**	**ug/l**	**50**	**260**

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	**1**	**ug/l**	**2.0**	**9.9**
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	**1**	**ug/l**	**2.0**	**4.5**
Lead	**1**	**ug/l**	**3.0**	**19**
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND

Sample ID: PR-MW-3 **Collection Date: 1/26/2016**
Lab#: AC89359-003 **Receipt Date: 1/26/2016**
Matrix: Aqueous

Carbon tetrachloride	1	ug/l	1.0	ND	
Chlorobenzene	1	ug/l	1.0	ND	
Chloroethane	1	ug/l	1.0	ND	
Chloroform	1	ug/l	1.0	ND	
Chloromethane	1	ug/l	1.0	ND	
cis-1,2-Dichloroethene	1	ug/l	1.0	ND	
cis-1,3-Dichloropropene	1	ug/l	1.0	ND	
Cyclohexane	1	ug/l	1.0	ND	
Dibromochloromethane	1	ug/l	1.0	ND	
Dichlorodifluoromethane	1	ug/l	1.0	ND	
Ethylbenzene	1	ug/l	1.0	ND	
Isopropylbenzene	1	ug/l	1.0	ND	
m&p-Xylenes	1	ug/l	1.0	ND	
Methyl Acetate	1	ug/l	1.0	ND	
Methylcyclohexane	1	ug/l	1.0	ND	
Methylene chloride	1	ug/l	1.0	ND	
Methyl-t-butyl ether	1	ug/l	0.50	ND	
o-Xylene	1	ug/l	1.0	ND	
Styrene	1	ug/l	1.0	ND	
Tetrachloroethene	1	ug/l	1.0	ND	
Toluene	1	ug/l	1.0	ND	
trans-1,2-Dichloroethene	1	ug/l	1.0	ND	
trans-1,3-Dichloropropene	1	ug/l	1.0	ND	
Trichloroethene	1	ug/l	1.0	ND	
Trichlorofluoromethane	1	ug/l	1.0	ND	
Vinyl chloride	1	ug/l	1.0	ND	
Xylenes (Total)	1	ug/l	1.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.54	30	70	130	98	
Dibromofluoromethane	31.51	30	70	130	105	
Bromofluorobenzene	28.40	30	70	130	95	
1,2-Dichloroethane-d4	31.12	30	70	130	104	

Sample ID: PR-MW-4 | **Collection Date: 1/26/2016**
Lab#: AC89359-004 | **Receipt Date: 1/26/2016**
Matrix: Aqueous

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.50	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND

N-Nitrosodiphenylamine	1	ug/l	2.0	ND	
Pentachlorophenol	1	ug/l	10	ND	
Phenanthrene	1	ug/l	2.0	ND	
Phenol	1	ug/l	2.0	ND	
Pyrene	1	ug/l	2.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	39.97	50	30	130	80	
Phenol-d5	20.84	100	15	110	21	
Nitrobenzene-d5	37.73	50	30	130	75	
2-Fluorophenol	28.56	100	15	110	29	
2-Fluorobiphenyl	36.87	50	30	130	74	
2,4,6-Tribromophenol	49.68	100	15	110	50	

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	**1**	**ug/l**	**200**	**11000**
Barium	**1**	**ug/l**	**50**	**87**
Calcium	**1**	**ug/l**	**5000**	**43000**
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	**1**	**ug/l**	**300**	**26000**
Magnesium	**1**	**ug/l**	**5000**	**13000**
Manganese	**1**	**ug/l**	**40**	**1400**
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	**1**	**ug/l**	**5000**	**17000**
Vanadium	1	ug/l	50	ND
Zinc	**1**	**ug/l**	**50**	**150**

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	**1**	**ug/l**	**2.0**	**80**
Beryllium	**1**	**ug/l**	**1.0**	**1.3**
Cadmium	1	ug/l	2.0	ND
Cobalt	**1**	**ug/l**	**2.0**	**12**
Lead	**1**	**ug/l**	**3.0**	**28**
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND

Sample ID: PR-MW-4 **Collection Date: 1/26/2016**
Lab#: AC89359-004 **Receipt Date: 1/26/2016**
Matrix: Aqueous

Carbon tetrachloride	1	ug/l	1.0	ND	
Chlorobenzene	1	ug/l	1.0	ND	
Chloroethane	1	ug/l	1.0	ND	
Chloroform	1	ug/l	1.0	ND	
Chloromethane	1	ug/l	1.0	ND	
cis-1,2-Dichloroethene	1	ug/l	1.0	ND	
cis-1,3-Dichloropropene	1	ug/l	1.0	ND	
Cyclohexane	1	ug/l	1.0	ND	
Dibromochloromethane	1	ug/l	1.0	ND	
Dichlorodifluoromethane	1	ug/l	1.0	ND	
Ethylbenzene	1	ug/l	1.0	ND	
Isopropylbenzene	1	ug/l	1.0	ND	
m&p-Xylenes	1	ug/l	1.0	ND	
Methyl Acetate	1	ug/l	1.0	ND	
Methylcyclohexane	1	ug/l	1.0	ND	
Methylene chloride	1	ug/l	1.0	ND	
Methyl-t-butyl ether	1	ug/l	0.50	ND	
o-Xylene	1	ug/l	1.0	ND	
Styrene	1	ug/l	1.0	ND	
Tetrachloroethene	1	ug/l	1.0	ND	
Toluene	1	ug/l	1.0	ND	
trans-1,2-Dichloroethene	1	ug/l	1.0	ND	
trans-1,3-Dichloropropene	1	ug/l	1.0	ND	
Trichloroethene	1	ug/l	1.0	ND	
Trichlorofluoromethane	1	ug/l	1.0	ND	
Vinyl chloride	1	ug/l	1.0	ND	
Xylenes (Total)	1	ug/l	1.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.61	30	70	130	99	
Dibromofluoromethane	31.08	30	70	130	104	
Bromofluorobenzene	28.70	30	70	130	96	
1,2-Dichloroethane-d4	31.37	30	70	130	105	

Sample ID: DUP | **Collection Date: 1/26/2016**
Lab#: AC89359-005 | **Receipt Date: 1/26/2016**
Matrix: Aqueous

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.50	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND

N-Nitrosodiphenylamine	1	ug/l	2.0	ND	
Pentachlorophenol	1	ug/l	10	ND	
Phenanthrene	1	ug/l	2.0	ND	
Phenol	1	ug/l	2.0	ND	
Pyrene	1	ug/l	2.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	47.61	50	30	130	95	
Phenol-d5	44.88	100	15	110	45	
Nitrobenzene-d5	44.28	50	30	130	89	
2-Fluorophenol	62.74	100	15	110	63	
2-Fluorobiphenyl	44.63	50	30	130	89	
2,4,6-Tribromophenol	88.07	100	15	110	88	

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	**1**	**ug/l**	**200**	**15000**
Barium	**1**	**ug/l**	**50**	**140**
Calcium	**1**	**ug/l**	**5000**	**53000**
Chromium	1	ug/l	50	ND
Copper	**1**	**ug/l**	**50**	**58**
Iron	**1**	**ug/l**	**300**	**33000**
Magnesium	**1**	**ug/l**	**5000**	**16000**
Manganese	**1**	**ug/l**	**40**	**3000**
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	**1**	**ug/l**	**5000**	**16000**
Vanadium	1	ug/l	50	ND
Zinc	**1**	**ug/l**	**50**	**220**

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	**1**	**ug/l**	**2.0**	**89**
Beryllium	**1**	**ug/l**	**1.0**	**2.3**
Cadmium	1	ug/l	2.0	ND
Cobalt	**1**	**ug/l**	**2.0**	**19**
Lead	**1**	**ug/l**	**3.0**	**41**
Selenium	**1**	**ug/l**	**10**	**14**
Thallium	1	ug/l	2.0	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND

Sample ID: DUP **Collection Date: 1/26/2016**
Lab#: AC89359-005 **Receipt Date: 1/26/2016**
Matrix: Aqueous

Carbon tetrachloride	1	ug/l	1.0		ND
Chlorobenzene	1	ug/l	1.0		ND
Chloroethane	1	ug/l	1.0		ND
Chloroform	1	ug/l	1.0		ND
Chloromethane	1	ug/l	1.0		ND
cis-1,2-Dichloroethene	1	ug/l	1.0		ND
cis-1,3-Dichloropropene	1	ug/l	1.0		ND
Cyclohexane	1	ug/l	1.0		ND
Dibromochloromethane	1	ug/l	1.0		ND
Dichlorodifluoromethane	1	ug/l	1.0		ND
Ethylbenzene	1	ug/l	1.0		ND
Isopropylbenzene	1	ug/l	1.0		ND
m&p-Xylenes	1	ug/l	1.0		ND
Methyl Acetate	1	ug/l	1.0		ND
Methylcyclohexane	1	ug/l	1.0		ND
Methylene chloride	1	ug/l	1.0		ND
Methyl-t-butyl ether	1	ug/l	0.50		ND
o-Xylene	1	ug/l	1.0		ND
Styrene	1	ug/l	1.0		ND
Tetrachloroethene	1	ug/l	1.0		ND
Toluene	1	ug/l	1.0		ND
trans-1,2-Dichloroethene	1	ug/l	1.0		ND
trans-1,3-Dichloropropene	1	ug/l	1.0		ND
Trichloroethene	1	ug/l	1.0		ND
Trichlorofluoromethane	1	ug/l	1.0		ND
Vinyl chloride	1	ug/l	1.0		ND
Xylenes (Total)	1	ug/l	1.0		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.76	30	70	130	99	
Dibromofluoromethane	30.74	30	70	130	102	
Bromofluorobenzene	29.75	30	70	130	99	
1,2-Dichloroethane-d4	31.21	30	70	130	104	

Sample ID: FB_012616 **Collection Date: 1/26/2016**
Lab#: AC89359-006 **Receipt Date: 1/26/2016**
Matrix: Aqueous

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.50	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND

N-Nitrosodiphenylamine	1	ug/l	2.0	ND	
Pentachlorophenol	1	ug/l	10	ND	
Phenanthrene	1	ug/l	2.0	ND	
Phenol	1	ug/l	2.0	ND	
Pyrene	1	ug/l	2.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	45.47	50	30	130	91	
Phenol-d5	37.56	100	15	110	38	
Nitrobenzene-d5	41.06	50	30	130	82	
2-Fluorophenol	49.96	100	15	110	50	
2-Fluorobiphenyl	39.94	50	30	130	80	
2,4,6-Tribromophenol	78.21	100	15	110	78	

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	ND
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	ND
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND

Sample ID: FB_012616 **Collection Date: 1/26/2016**
Lab#: AC89359-006 **Receipt Date: 1/26/2016**
Matrix: Aqueous

Carbon tetrachloride	1	ug/l	1.0	ND	
Chlorobenzene	1	ug/l	1.0	ND	
Chloroethane	1	ug/l	1.0	ND	
Chloroform	1	ug/l	1.0	ND	
Chloromethane	1	ug/l	1.0	ND	
cis-1,2-Dichloroethene	1	ug/l	1.0	ND	
cis-1,3-Dichloropropene	1	ug/l	1.0	ND	
Cyclohexane	1	ug/l	1.0	ND	
Dibromochloromethane	1	ug/l	1.0	ND	
Dichlorodifluoromethane	1	ug/l	1.0	ND	
Ethylbenzene	1	ug/l	1.0	ND	
Isopropylbenzene	1	ug/l	1.0	ND	
m&p-Xylenes	1	ug/l	1.0	ND	
Methyl Acetate	1	ug/l	1.0	ND	
Methylcyclohexane	1	ug/l	1.0	ND	
Methylene chloride	1	ug/l	1.0	ND	
Methyl-t-butyl ether	1	ug/l	0.50	ND	
o-Xylene	1	ug/l	1.0	ND	
Styrene	1	ug/l	1.0	ND	
Tetrachloroethene	1	ug/l	1.0	ND	
Toluene	1	ug/l	1.0	ND	
trans-1,2-Dichloroethene	1	ug/l	1.0	ND	
trans-1,3-Dichloropropene	1	ug/l	1.0	ND	
Trichloroethene	1	ug/l	1.0	ND	
Trichlorofluoromethane	1	ug/l	1.0	ND	
Vinyl chloride	1	ug/l	1.0	ND	
Xylenes (Total)	1	ug/l	1.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.54	30	70	130	98	
Dibromofluoromethane	30.51	30	70	130	102	
Bromofluorobenzene	29.40	30	70	130	98	
1,2-Dichloroethane-d4	31.34	30	70	130	104	

Sample ID: TB | **Collection Date: 1/26/2016**
Lab#: AC89359-007 | **Receipt Date: 1/26/2016**
Matrix: Aqueous

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	30.21	30	70	130	101	
Dibromofluoromethane	30.08	30	70	130	100	
Bromofluorobenzene	29.64	30	70	130	99	
1,2-Dichloroethane-d4	31.18	30	70	130	104	

Hampton-Clarke, Inc. (WBE/DBE/SBE)

175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056

Hampton-Clarke WBE/DBE/SBE 800-426-9992
A Women-Owned, Disadvantaged, Small Business Enterprise

NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

CHAIN OF CUSTODY RECORD

Project # (Lab Use Only): 6012609

Page 1 of 1

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Deliv.
When Available:	Data Summary	Hazsite/CSV
1 Business Day (100%)*	Results + QC (Waste)	EnviroData
2 Business Days (75%)*	NJ Reduced	Excel - NJ Regulatory
3 Business Days (50%)*	NY Reduced	Excel - NY Regulatory
4 Business Days (35%)*	PA Reduced	Excel - PA Regulatory
5 Business Days (25%)	Full / Category B	EQuIS *(specify below)*:
10 Business Days (Stand.)	Category A	4-File/EZ/NYS/Reg. 2 or 5
Other:	Electronic (PDF)	Other:

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: SESI Consulting Engineers
Address: 12 Maple Avenue, Pine Brook, NJ
1b) Email/Cell/Fax/Ph: fd@sesi.org
1c) Send Invoice to: Fuad Dahan
1d) Send Report to: Fuad Dahan

Project Information

2a) Project: Poughkeepsie
2b) Project Mgr: Fuad Dahan
2c) Project Location (City/State): 1 Dutchess Ave Poughkeepsie, NY
2d) Quote/PO # (If Applicable):

FOR LAB USE ONLY ↓

Batch #: A89959

===> *Check If Contingent* ===>

Matrix Codes
DW - Drinking Water; S - Soil; A - Air; GW - Ground Water; SL - Sludge; WW - Waste Water; OL - Oil; OT - Other (please specify under item 9, Comments)

7) Analysis *(specify methods & parameter lists)*

<=== *Check If Contingent* <===

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	TCL VO	TCL BNA	TAL Metals	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
-001	PR-MW-1	GW	1/26/16	14:24		X	X	X	X	2				3		1		
-002	PR-MW-2	GW	1/26/16	12:45		X	X	X	X	2				3		1		
-003	PR-MW-3	GW	1/26/16	11:40		X	X	X	X	2				3		1		
-004	PR-MW-4	GW	1/26/16	9:15		X	X	X	X	2				3		1		
-005	DUP	GW	1/26/16	—		X	X	X	X	2				3		1		
-006	FB_012616	OT	1/26/16	13:05		X	X	X	X	2				3		1		
-007	TB	OT	1/22/16	—		X	X							3				

10) Relinquished by:	Accepted by:	Date	Time
Jason Mango		1/26/16	16:50

Additional Notes

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- ☐ BN or BNA (8270D SIM)
- ☐ VOC (8260C SIM or 8011)
- ☐ SPLP (BN, BNA, Metals)

Check if applicable:
- ☐ Project-Specific Reporting Limits
- ☐ High Contaminant Concentrations
- ☐ NJ LSRP Project (also check boxes above/right)

For NNJ LSRP projects, indicate which standards need to be met:
- ☐ NJDEP GWQS
- ☐ NJDEP SRS
- ☐ NJDEP SPLP
- ☐ Other (specify):

Cooler Temperature: 2.3 2.6

11) Sampler (print name): Jason Mango Date: 1/26/16

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

Hampton-Clarke Report Of Analysis

Client: SESI Consulting Engineers **HC Project #:** 5062324

Project: Poughkeepsie

Sample ID: PR-MW-1 **Collection Date: 6/23/2015**
Lab#: AC85686-001 **Receipt Date: 6/23/2015**
Matrix: Aqueous

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.50	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND

Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	47.78	50	30	130	96	
Phenol-d5	36.00	100	15	110	36	
Nitrobenzene-d5	45.04	50	30	130	90	
2-Fluorophenol	49.52	100	15	110	50	
2-Fluorobiphenyl	46.23	50	30	130	92	
2,4,6-Tribromophenol	92.14	100	15	110	92	

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	**1**	**ug/l**	**200**	**14000**
Barium	**1**	**ug/l**	**50**	**130**
Calcium	**1**	**ug/l**	**5000**	**120000**
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	**1**	**ug/l**	**300**	**19000**
Magnesium	**1**	**ug/l**	**5000**	**26000**
Manganese	**1**	**ug/l**	**40**	**610**
Nickel	1	ug/l	50	ND
Potassium	**1**	**ug/l**	**5000**	**6500**
Silver	1	ug/l	20	ND
Sodium	**1**	**ug/l**	**5000**	**140000**
Vanadium	1	ug/l	50	ND
Zinc	**1**	**ug/l**	**50**	**1100**

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	**1**	**ug/l**	**2.0**	**16**
Beryllium	**1**	**ug/l**	**1.0**	**1.2**
Cadmium	1	ug/l	2.0	ND
Cobalt	**1**	**ug/l**	**2.0**	**6.3**
Lead	**1**	**ug/l**	**3.0**	**47**
Selenium	1	ug/l	10	ND
Thallium	**1**	**ug/l**	**2.0**	**2.5**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND

Sample ID: PR-MW-1 **Collection Date: 6/23/2015**
Lab#: AC85686-001 **Receipt Date: 6/23/2015**
Matrix: Aqueous

4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.15	30	70	130	90	
Dibromofluoromethane	31.38	30	70	130	105	
Bromofluorobenzene	28.28	30	70	130	94	
1,2-Dichloroethane-d4	30.49	30	70	130	102	

Sample ID: PR-MW-2 **Collection Date: 6/23/2015**
Lab#: AC85686-002 **Receipt Date: 6/23/2015**
Matrix: Aqueous

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.50	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND

N-Nitrosodiphenylamine	1	ug/l	2.0	ND	
Pentachlorophenol	1	ug/l	10	ND	
Phenanthrene	1	ug/l	2.0	ND	
Phenol	1	ug/l	2.0	ND	
Pyrene	1	ug/l	2.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	49.36	50	30	130	99	
Phenol-d5	19.44	100	15	110	19	
Nitrobenzene-d5	43.27	50	30	130	87	
2-Fluorophenol	32.37	100	15	110	32	
2-Fluorobiphenyl	44.73	50	30	130	89	
2,4,6-Tribromophenol	95.15	100	15	110	95	

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	**1**	**ug/l**	**200**	**580**
Barium	**1**	**ug/l**	**50**	**100**
Calcium	**1**	**ug/l**	**5000**	**86000**
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	**1**	**ug/l**	**300**	**9100**
Magnesium	**1**	**ug/l**	**5000**	**7600**
Manganese	**1**	**ug/l**	**40**	**3100**
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	**1**	**ug/l**	**5000**	**98000**
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	**1**	**ug/l**	**2.0**	**27**
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND

Sample ID: PR-MW-2 **Collection Date: 6/23/2015**
Lab#: AC85686-002 **Receipt Date: 6/23/2015**
Matrix: Aqueous

Carbon tetrachloride	1	ug/l	1.0	ND	
Chlorobenzene	1	ug/l	1.0	ND	
Chloroethane	1	ug/l	1.0	ND	
Chloroform	1	ug/l	1.0	ND	
Chloromethane	1	ug/l	1.0	ND	
cis-1,2-Dichloroethene	1	ug/l	1.0	ND	
cis-1,3-Dichloropropene	1	ug/l	1.0	ND	
Cyclohexane	1	ug/l	1.0	ND	
Dibromochloromethane	1	ug/l	1.0	ND	
Dichlorodifluoromethane	1	ug/l	1.0	ND	
Ethylbenzene	1	ug/l	1.0	ND	
Isopropylbenzene	1	ug/l	1.0	ND	
m&p-Xylenes	1	ug/l	1.0	ND	
Methyl Acetate	1	ug/l	1.0	ND	
Methylcyclohexane	1	ug/l	1.0	ND	
Methylene chloride	1	ug/l	1.0	ND	
Methyl-t-butyl ether	1	ug/l	0.50	ND	
o-Xylene	1	ug/l	1.0	ND	
Styrene	1	ug/l	1.0	ND	
Tetrachloroethene	1	ug/l	1.0	ND	
Toluene	1	ug/l	1.0	ND	
trans-1,2-Dichloroethene	1	ug/l	1.0	ND	
trans-1,3-Dichloropropene	1	ug/l	1.0	ND	
Trichloroethene	1	ug/l	1.0	ND	
Trichlorofluoromethane	1	ug/l	1.0	ND	
Vinyl chloride	1	ug/l	1.0	ND	
Xylenes (Total)	1	ug/l	1.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.06	30	70	130	90	
Dibromofluoromethane	30.84	30	70	130	103	
Bromofluorobenzene	30.27	30	70	130	101	
1,2-Dichloroethane-d4	26.02	30	70	130	87	

Sample ID: PR-MW-3 **Collection Date: 6/23/2015**
Lab#: AC85686-003 **Receipt Date: 6/23/2015**
Matrix: Aqueous

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.50	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND

N-Nitrosodiphenylamine	1	ug/l	2.0	ND	
Pentachlorophenol	1	ug/l	10	ND	
Phenanthrene	1	ug/l	2.0	ND	
Phenol	1	ug/l	2.0	ND	
Pyrene	1	ug/l	2.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	51.06	50	30	130	102	
Phenol-d5	18.17	100	15	110	18	
Nitrobenzene-d5	42.87	50	30	130	86	
2-Fluorophenol	31.30	100	15	110	31	
2-Fluorobiphenyl	44.61	50	30	130	89	
2,4,6-Tribromophenol	96.24	100	15	110	96	

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	**1**	**ug/l**	**5000**	**52000**
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	**1**	**ug/l**	**5000**	**7800**
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	**1**	**ug/l**	**5000**	**59000**
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	**1**	**ug/l**	**2.0**	**2.3**
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND

Sample ID: PR-MW-3 **Collection Date: 6/23/2015**
Lab#: AC85686-003 **Receipt Date: 6/23/2015**
Matrix: Aqueous

Carbon tetrachloride	1	ug/l	1.0	ND	
Chlorobenzene	1	ug/l	1.0	ND	
Chloroethane	1	ug/l	1.0	ND	
Chloroform	1	ug/l	1.0	ND	
Chloromethane	1	ug/l	1.0	ND	
cis-1,2-Dichloroethene	1	ug/l	1.0	ND	
cis-1,3-Dichloropropene	1	ug/l	1.0	ND	
Cyclohexane	1	ug/l	1.0	ND	
Dibromochloromethane	1	ug/l	1.0	ND	
Dichlorodifluoromethane	1	ug/l	1.0	ND	
Ethylbenzene	1	ug/l	1.0	ND	
Isopropylbenzene	1	ug/l	1.0	ND	
m&p-Xylenes	1	ug/l	1.0	ND	
Methyl Acetate	1	ug/l	1.0	ND	
Methylcyclohexane	1	ug/l	1.0	ND	
Methylene chloride	1	ug/l	1.0	ND	
Methyl-t-butyl ether	1	ug/l	0.50	ND	
o-Xylene	1	ug/l	1.0	ND	
Styrene	1	ug/l	1.0	ND	
Tetrachloroethene	1	ug/l	1.0	ND	
Toluene	1	ug/l	1.0	ND	
trans-1,2-Dichloroethene	1	ug/l	1.0	ND	
trans-1,3-Dichloropropene	1	ug/l	1.0	ND	
Trichloroethene	1	ug/l	1.0	ND	
Trichlorofluoromethane	1	ug/l	1.0	ND	
Vinyl chloride	1	ug/l	1.0	ND	
Xylenes (Total)	1	ug/l	1.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	26.85	30	70	130	89	
Dibromofluoromethane	30.46	30	70	130	102	
Bromofluorobenzene	30.58	30	70	130	102	
1,2-Dichloroethane-d4	25.57	30	70	130	85	

Sample ID: PR-MW-4 | **Collection Date: 6/23/2015**
Lab#: AC85686-004 | **Receipt Date: 6/23/2015**
Matrix: Aqueous

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.50	ND
2,4-Dimethylphenol	1	ug/l	0.50	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.50	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.50	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.50	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.50	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.50	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.50	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.50	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.50	ND

N-Nitrosodiphenylamine	1	ug/l	2.0		ND
Pentachlorophenol	1	ug/l	10		ND
Phenanthrene	1	ug/l	2.0		ND
Phenol	1	ug/l	2.0		ND
Pyrene	1	ug/l	2.0		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	49.86	50	30	130	100	
Phenol-d5	18.03	100	15	110	18	
Nitrobenzene-d5	47.99	50	30	130	96	
2-Fluorophenol	32.90	100	15	110	33	
2-Fluorobiphenyl	46.96	50	30	130	94	
2,4,6-Tribromophenol	99.62	100	15	110	100	

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	**1**	**ug/l**	**5000**	**43000**
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	**1**	**ug/l**	**5000**	**7100**
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	**1**	**ug/l**	**5000**	**21000**
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	**1**	**ug/l**	**2.0**	**8.9**
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND

Sample ID: PR-MW-4 **Collection Date: 6/23/2015**
Lab#: AC85686-004 **Receipt Date: 6/23/2015**
Matrix: Aqueous

Carbon tetrachloride	1	ug/l	1.0	ND	
Chlorobenzene	1	ug/l	1.0	ND	
Chloroethane	1	ug/l	1.0	ND	
Chloroform	1	ug/l	1.0	ND	
Chloromethane	1	ug/l	1.0	ND	
cis-1,2-Dichloroethene	1	ug/l	1.0	ND	
cis-1,3-Dichloropropene	1	ug/l	1.0	ND	
Cyclohexane	1	ug/l	1.0	ND	
Dibromochloromethane	1	ug/l	1.0	ND	
Dichlorodifluoromethane	1	ug/l	1.0	ND	
Ethylbenzene	1	ug/l	1.0	ND	
Isopropylbenzene	1	ug/l	1.0	ND	
m&p-Xylenes	1	ug/l	1.0	ND	
Methyl Acetate	1	ug/l	1.0	ND	
Methylcyclohexane	1	ug/l	1.0	ND	
Methylene chloride	1	ug/l	1.0	ND	
Methyl-t-butyl ether	1	ug/l	0.50	ND	
o-Xylene	1	ug/l	1.0	ND	
Styrene	1	ug/l	1.0	ND	
Tetrachloroethene	1	ug/l	1.0	ND	
Toluene	1	ug/l	1.0	ND	
trans-1,2-Dichloroethene	1	ug/l	1.0	ND	
trans-1,3-Dichloropropene	1	ug/l	1.0	ND	
Trichloroethene	1	ug/l	1.0	ND	
Trichlorofluoromethane	1	ug/l	1.0	ND	
Vinyl chloride	1	ug/l	1.0	ND	
Xylenes (Total)	1	ug/l	1.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.94	30	70	130	93	
Dibromofluoromethane	29.81	30	70	130	99	
Bromofluorobenzene	30.98	30	70	130	103	
1,2-Dichloroethane-d4	25.09	30	70	130	84	

Sample ID: DUP | **Collection Date: 6/23/2015**
Lab#: AC85686-005 | **Receipt Date: 6/23/2015**
Matrix: Aqueous

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.51	ND
2,4-Dimethylphenol	1	ug/l	0.51	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.51	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.51	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.51	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.51	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.51	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.51	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.51	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.51	ND

N-Nitrosodiphenylamine	1	ug/l	2.0	ND	
Pentachlorophenol	1	ug/l	10	ND	
Phenanthrene	1	ug/l	2.0	ND	
Phenol	1	ug/l	2.0	ND	
Pyrene	1	ug/l	2.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	50.51	50	30	130	101	
Phenol-d5	20.95	100	15	110	21	
Nitrobenzene-d5	48.09	50	30	130	96	
2-Fluorophenol	35.74	100	15	110	36	
2-Fluorobiphenyl	49.29	50	30	130	99	
2,4,6-Tribromophenol	96.45	100	15	110	96	

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	**1**	**ug/l**	**5000**	**44000**
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	**1**	**ug/l**	**5000**	**7300**
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	**1**	**ug/l**	**5000**	**22000**
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	**1**	**ug/l**	**2.0**	**9.4**
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND

Sample ID: DUP | **Collection Date: 6/23/2015**
Lab#: AC85686-005 | **Receipt Date: 6/23/2015**
Matrix: Aqueous

Carbon tetrachloride	1	ug/l	1.0		ND
Chlorobenzene	1	ug/l	1.0		ND
Chloroethane	1	ug/l	1.0		ND
Chloroform	1	ug/l	1.0		ND
Chloromethane	1	ug/l	1.0		ND
cis-1,2-Dichloroethene	1	ug/l	1.0		ND
cis-1,3-Dichloropropene	1	ug/l	1.0		ND
Cyclohexane	1	ug/l	1.0		ND
Dibromochloromethane	1	ug/l	1.0		ND
Dichlorodifluoromethane	1	ug/l	1.0		ND
Ethylbenzene	1	ug/l	1.0		ND
Isopropylbenzene	1	ug/l	1.0		ND
m&p-Xylenes	1	ug/l	1.0		ND
Methyl Acetate	1	ug/l	1.0		ND
Methylcyclohexane	1	ug/l	1.0		ND
Methylene chloride	1	ug/l	1.0		ND
Methyl-t-butyl ether	1	ug/l	0.50		ND
o-Xylene	1	ug/l	1.0		ND
Styrene	1	ug/l	1.0		ND
Tetrachloroethene	1	ug/l	1.0		ND
Toluene	1	ug/l	1.0		ND
trans-1,2-Dichloroethene	1	ug/l	1.0		ND
trans-1,3-Dichloropropene	1	ug/l	1.0		ND
Trichloroethene	1	ug/l	1.0		ND
Trichlorofluoromethane	1	ug/l	1.0		ND
Vinyl chloride	1	ug/l	1.0		ND
Xylenes (Total)	1	ug/l	1.0		ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.81	30	70	130	93	
Dibromofluoromethane	30.81	30	70	130	103	
Bromofluorobenzene	31.01	30	70	130	103	
1,2-Dichloroethane-d4	26.02	30	70	130	87	

Sample ID: FB-062315 **Collection Date: 6/23/2015**
Lab#: AC85686-006 **Receipt Date: 6/23/2015**
Matrix: Aqueous

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	0.51	ND
2,4-Dimethylphenol	1	ug/l	0.51	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	0.51	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	0.51	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	0.51	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	0.51	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	0.51	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	0.51	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	0.51	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.51	ND

N-Nitrosodiphenylamine	1	ug/l	2.0	ND	
Pentachlorophenol	1	ug/l	10	ND	
Phenanthrene	1	ug/l	2.0	ND	
Phenol	1	ug/l	2.0	ND	
Pyrene	1	ug/l	2.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	51.93	50	30	130	104	
Phenol-d5	20.01	100	15	110	20	
Nitrobenzene-d5	49.93	50	30	130	100	
2-Fluorophenol	34.66	100	15	110	35	
2-Fluorobiphenyl	49.42	50	30	130	99	
2,4,6-Tribromophenol	97.35	100	15	110	97	

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	ND
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	ND
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND

Sample ID: FB-062315 **Collection Date: 6/23/2015**
Lab#: AC85686-006 **Receipt Date: 6/23/2015**
Matrix: Aqueous

Carbon tetrachloride	1	ug/l	1.0	ND	
Chlorobenzene	1	ug/l	1.0	ND	
Chloroethane	1	ug/l	1.0	ND	
Chloroform	1	ug/l	1.0	ND	
Chloromethane	1	ug/l	1.0	ND	
cis-1,2-Dichloroethene	1	ug/l	1.0	ND	
cis-1,3-Dichloropropene	1	ug/l	1.0	ND	
Cyclohexane	1	ug/l	1.0	ND	
Dibromochloromethane	1	ug/l	1.0	ND	
Dichlorodifluoromethane	1	ug/l	1.0	ND	
Ethylbenzene	1	ug/l	1.0	ND	
Isopropylbenzene	1	ug/l	1.0	ND	
m&p-Xylenes	1	ug/l	1.0	ND	
Methyl Acetate	1	ug/l	1.0	ND	
Methylcyclohexane	1	ug/l	1.0	ND	
Methylene chloride	1	ug/l	1.0	ND	
Methyl-t-butyl ether	1	ug/l	0.50	ND	
o-Xylene	1	ug/l	1.0	ND	
Styrene	1	ug/l	1.0	ND	
Tetrachloroethene	1	ug/l	1.0	ND	
Toluene	1	ug/l	1.0	ND	
trans-1,2-Dichloroethene	1	ug/l	1.0	ND	
trans-1,3-Dichloropropene	1	ug/l	1.0	ND	
Trichloroethene	1	ug/l	1.0	ND	
Trichlorofluoromethane	1	ug/l	1.0	ND	
Vinyl chloride	1	ug/l	1.0	ND	
Xylenes (Total)	1	ug/l	1.0	ND	

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.47	30	70	130	92	
Dibromofluoromethane	30.20	30	70	130	101	
Bromofluorobenzene	31.23	30	70	130	104	
1,2-Dichloroethane-d4	25.39	30	70	130	85	

Sample ID: TB-062315 **Collection Date: 6/23/2015**
Lab#: AC85686-007 **Receipt Date: 6/23/2015**
Matrix: Aqueous

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.31	30	70	130	91	
Dibromofluoromethane	30.32	30	70	130	101	
Bromofluorobenzene	29.15	30	70	130	97	
1,2-Dichloroethane-d4	27.80	30	70	130	93	

Hampton-Clarke, Inc. (WBE/DBE/SBE)
175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056

CHAIN OF CUSTODY RECORD

Hampton-Clarke WBE/DBE/SBE 800-426-9992

A Women-Owned, Disadvantaged, Small Business Enterprise

NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

Project# (Lab Use Only): 5062324

Page 1 of 1

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Deliv.
When Available:	Data Summary	Hazsite/CSV
1 Business Day (100%) *	Results + QC (Waste)	EnviroData
2 Business Days (75%) *	NJ Reduced	Excel - NJ Regulatory
3 Business Days (50%) *	NY Reduced	Excel - NY Regulatory
4 Business Days (35%) *	PA Reduced	Excel - PA Regulatory
5 Business Days (25%)	Full / Category B	EQuIS (specify below):
10 Business Days (Stand.)	Category A	4-File/EZ/NYS/Reg. 2 or 5
Other:	Electronic (PDF)	Other:

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: SESI Consulting Engineers
Address: 12A Maple Avenue
Pine Brook, NJ
1b) Email/Cell/Fax/Ph: fd@sesi.org
1c) Send Invoice to: Fuad Dahan
1d) Send Report to: Fuad Dahan

Project Information

2a) Project: Poughkeepsie
2b) Project Mgr: Fuad Dahan
2c) Project Location (City/State): 1 Dutchess Ave. Poughkeepsie, NY
2d) Quote/PO # (If Applicable):

FOR LAB USE ONLY

Batch # AC85686

===> Check If Contingent ===>

Matrix Codes
DW - Drinking Water S - Soil A - Air
GW - Ground Water SL - Sludge
WW - Waste Water OL - Oil
OT - Other (please specify under item 9, Comments)

7) Analysis (specify methods & parameter lists)

<=== Check If Contingent <===

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	TCL VO	TCL BNA	TAL Metals	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
-001	PR-MW-1	GW	6/23/2015	12:55		X	X	X	X	2				3		1		
-002	PR-MW-2	GW	6/23/2015	9:58		X	X	X	X	2				3		1		
-003	PR-MW-3	GW	6/23/2015	9:00		X	X	X	X	2				3		1		
-004	PR-MW-4	GW	6/23/2015	10:57		X	X	X	X	2				3		1		
-005	DUP	GW	6/23/2015	-		X	X	X	X	2				3		1		
-006	FB-062315	OT	6/23/2015	11:45		X	X	X	X	2				3		1		
-007	TB-062315	OT	6/23/15	-			X											
						W 6/24/15												

10) Relinquished by:	Accepted by:	Date	Time
Natasha Davis		6/24/15	1600
		6/24	

Additional Notes

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- ☐ BN or BNA (8270D SIM)
- ☐ VOC (8260C SIM or 8011)
- ☐ SPLP (BN, BNA, Metals)

Check if applicable:
- ☐ Project-Specific Reporting Limits
- ☐ High Contaminant Concentrations
- ☐ NJ LSRP Project (also check boxes above/right)

For NJ LSRP projects, indicate which standards need to be met:
- ☐ NJDEP GWQS
- ☐ NJDEP SRS
- ☐ NJDEP SPLP
- ☐ Other (specify):

Cooler Temperature: 3.1, 2.7°C

11) Sampler (print name): Natasha Davis Date: 6/23/2015

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

APPENDIX D – NYSDEC FORM FOR SOIL IMPORT (01/20/2015)

Electronic

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 20,000 CY

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? yes

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

The material source is from Marist College in Poughkeepsie NY. 20,000 CY of material was sampled as follows:11 composite samples for TCL/TAL and 14 grab samples for VOC
In accordance with approved SMP sampling frequency for soil import. The samples were collected in-situ from test pits that were distributed vertically and horizontally to represent the entire material profile.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Sample results were below the restricted residential SCO for all analytes.
Lab data are included in attached lab file 460-88769-1.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

J Mullens and Sons Contractors - Vendor

Location where fill was obtained:

Marist College - Poughkeepsie NY

Identification of any state or local approvals as a fill source:

N/A

If no approvals are available, provide a brief history of the use of the property that is the fill source:

The Property is part of the Marist College campus. A building addition is proposed for the location that is used as the material source. The excavation for the proposed building is expected to be up to 29 ft below grade surface. The material to be imported to the site will be from 4 to 29 ft below existing grade surface.

Provide a list of supporting documentation included with this request:

Laboratory data file number 460-88769-1

The information provided on this form is accurate and complete.

	01/20/2015
Signature	Date
Fuad Dahan	
Print Name	
SESI Consulting Engineers	
Firm	

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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In accordance with approved SMP sampling frequency for soil import. The samples were collected in-situ from test pits that were distributed vertically and horizontally to represent the entire material profile.

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Provide a list of supporting documentation included with this request:

Laboratory data file number 460-88769-1

The information provided on this form is accurate and complete.

	01/20/2015
Signature	Date
Fuad Dahan	
Print Name	
SESI Consulting Engineers	
Firm	

APPENDIX E – SITE INSPECTION PHOTO LOG

Photo 1: General view of the Site.

Photo 2: View of the Site during February 2016 Site Inspection.

Photo 3: General view of one of the monitoring wells at the Site.

Photo 4: Additional view of the Site.

APPENDIX F – NYSDEC – IC & EC CERTIFICATION FORM

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C314081

Site Name Former A.C. Dutton Lumber Yard

Site Address: 1 Dutchess Avenue Zip Code: 12601
City/Town: Poughkeepsie
County: Dutchess
Site Acreage: 11.8

Reporting Period: December 30, 2014 to March 30, 2016

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☒	☐
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☒	☐
7. Are all ICs/ECs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C314081

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
6062-02-763508	The O'Neill Group-Dutton, LLC	Site Management Plan Ground Water Use Restriction Landuse Restriction Soil Management Plan Monitoring Plan IC/EC Plan

The property may be used for: Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv);

The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Dutchess County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

Groundwater monitoring must be performed as defined in the SMP;

The potential for vapor intrusion must be evaluated for any buildings developed on the site, and any potential impacts that are identified must be monitored or mitigated;

All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

6062-59-766443	The O'Neill Group-Dutton, LLC	Site Management Plan Soil Management Plan Monitoring Plan IC/EC Plan Ground Water Use Restriction Landuse Restriction

The property may be used for: Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv);

The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Dutchess County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

Groundwater monitoring must be performed as defined in the SMP;

The potential for vapor intrusion must be evaluated for any buildings developed on the site, and any potential impacts that are identified must be monitored or mitigated;

All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

Box 4

Description of Engineering Controls

Parcel	Engineering Control
6062-02-763508	Cover System

Exposure to remaining contamination at the site is prevented by a soil cover system placed over the site. This cover system is comprised of a minimum of 24 inches of clean soil. Asphalt pavement, concrete-covered sidewalks, and concrete building slabs and two-feet of clean soil in landscaped areas will be part of the covers system when the site is developed.

6062-59-766443	Cover System

Exposure to remaining contamination at the site is prevented by a soil cover system placed over the site. This cover system is comprised of a minimum of 24

Parcel	Engineering Control
inches of clean soil. Asphalt pavement, concrete-covered sidewalks, and concrete building slabs and two-feet of clean soil in landscaped areas will be part of the covers system when the site is developed.	

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted

YES	NO
☑	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☑	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

4/13/16
Date

IC CERTIFICATIONS
SITE NO. C314081

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Louis Kaufman (print name) at The O'Neill Group - Dutton, LLC (print business address) 241 Hudson St, Hackensack, NJ 07601

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

for owner — 4/13/16

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date

IC/EC CERTIFICATIONS

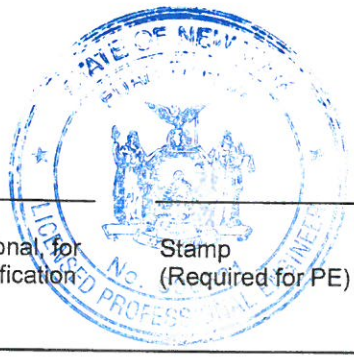
Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I FUAD DAHAN (print name) at SPS CONSULTING ENGINEERS, PC, 12A MAPLE AVE, PINE BROOK, NJ. (print business address)

am certifying as a Qualified Environmental Professional for the THE O'NEILL GROUP-DUTTON, LLC (Owner or Remedial Party)



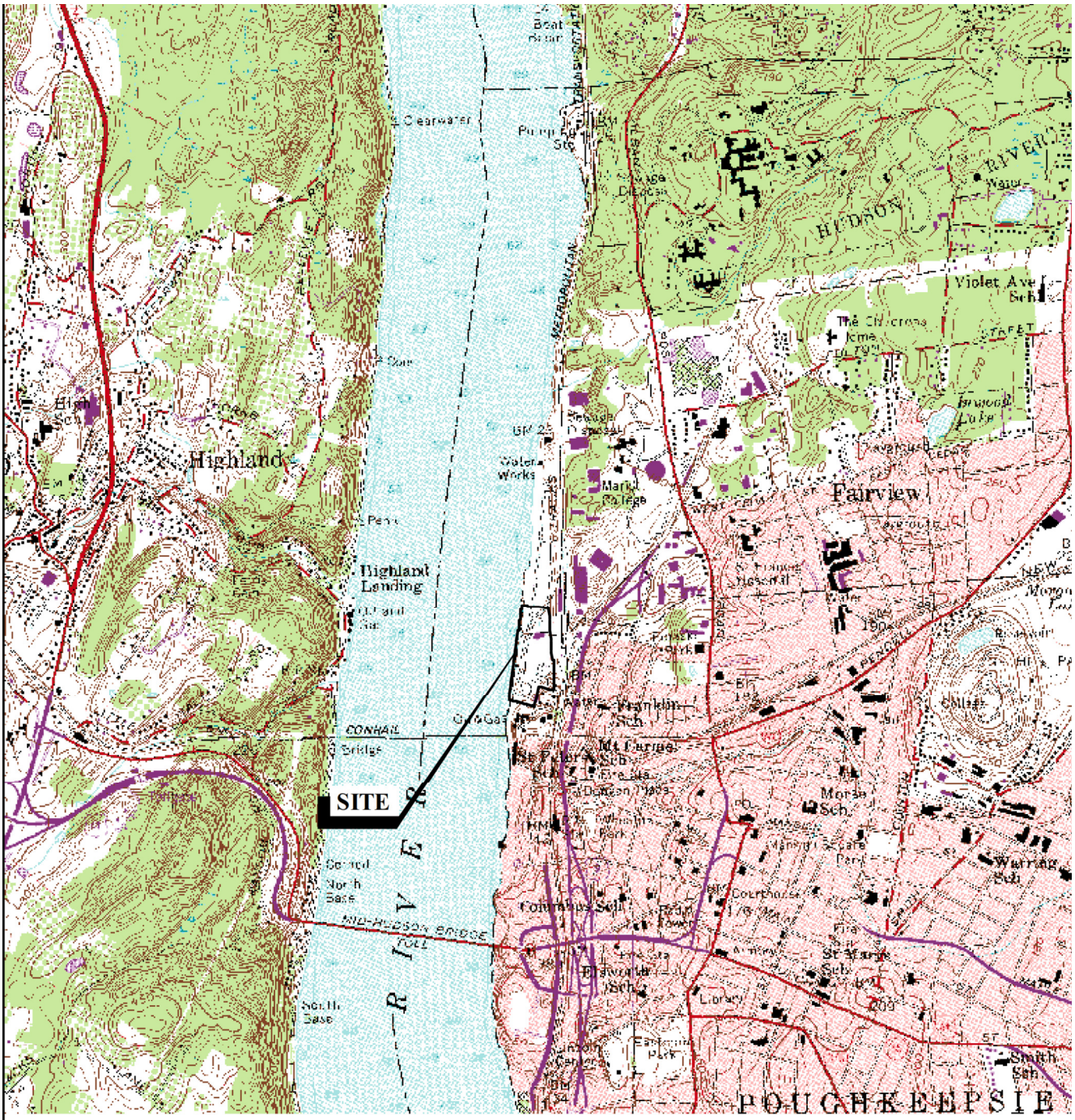
Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

4/13/2016

Date

APPENDIX G– SMP Figures



MAP REFERENCE
THIS MAP WAS PREPARED FROM THE FOLLOWING 7.5 MINUTE USGS MAP:
Poughkeepsie, 1957 Photorevised 1982.

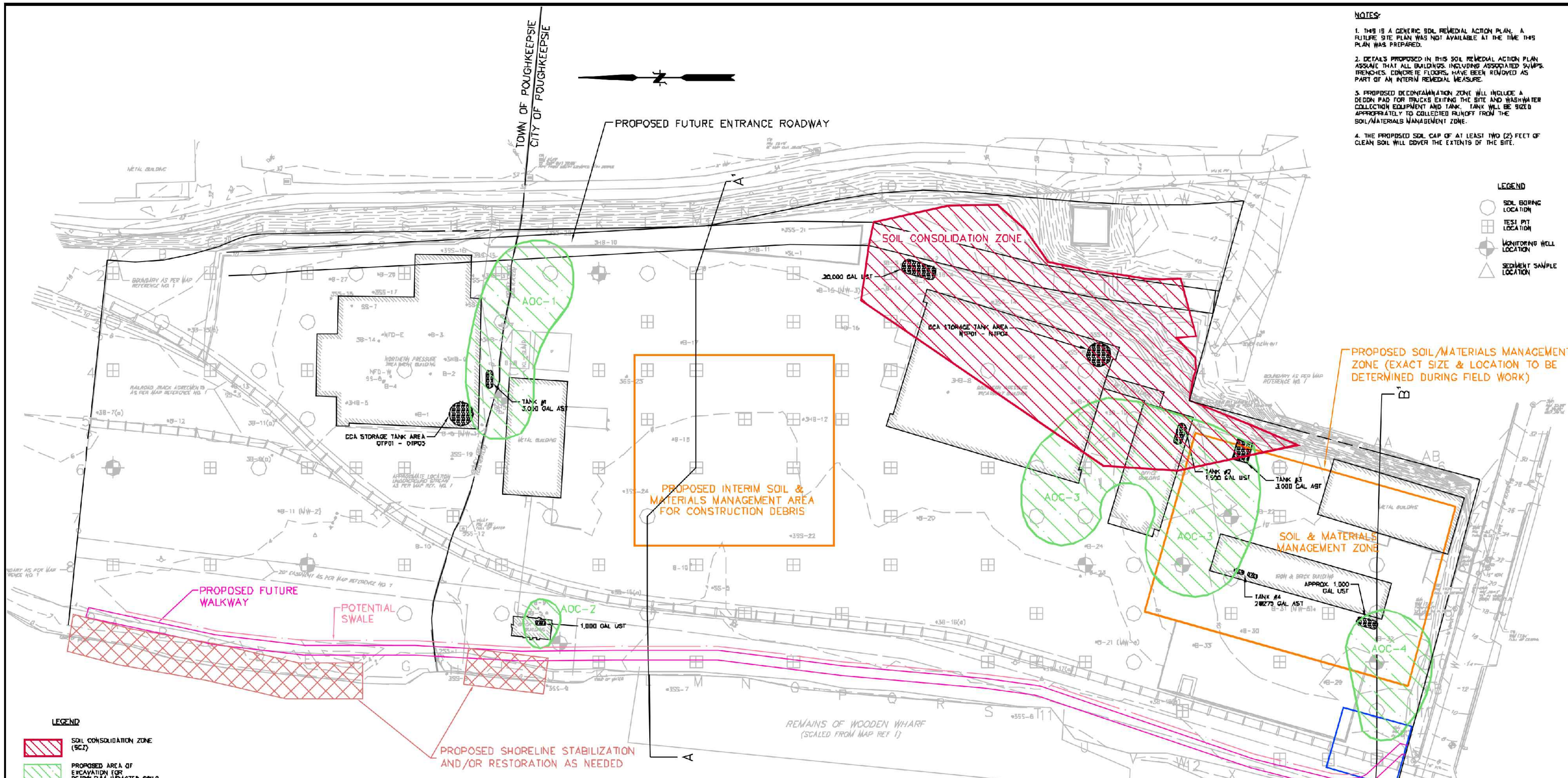
FIGURE 1.1

PROPERTY LOCATION MAP
FORMER A.C. DUTTON LUMBER YARD
1 DUTCHESS AVENUE AND 2 HOFFMAN STREET
POUGHKEEPSIE, NEW YORK

SITE PLAN

SESI
CONSULTING ENGINEERS, PC
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

DRAWN BY: YY
CHECKED BY: FD
SCALE: N.T.S.
DATE: 12/17/14
JOB NO.: 8604



NOTES:

1. THIS IS A GENERIC SOIL REMEDIAL ACTION PLAN. A FUTURE SITE PLAN WAS NOT AVAILABLE AT THE TIME THIS PLAN WAS PREPARED.

2. DETAILS PROPOSED IN THIS SOIL REMEDIAL ACTION PLAN ASSUME THAT ALL BUILDINGS, INCLUDING ASSOCIATED SUMPS, TRENCHES, CONCRETE FLOORS, HAVE BEEN REMOVED AS PART OF AN INTERIM REMEDIAL MEASURE.

3. PROPOSED DECONTAMINATION ZONE WILL INCLUDE A DECON PAD FOR TRUCKS EXITING THE SITE AND WASHWATER COLLECTION EQUIPMENT AND TANK. TANK WILL BE SIZED APPROPRIATELY TO COLLECTED RUNOFF FROM THE SOIL/MATERIALS MANAGEMENT ZONE.

4. THE PROPOSED SOIL CAP OF AT LEAST TWO (2) FEET OF CLEAN SOIL WILL COVER THE EXTENTS OF THE SITE.

MAP REFERENCES

1. EXISTING CONDITIONS SHOWN ON THIS PLAN WERE PROVIDED BY GILBERT VANGUILDER (ACDUTTON.DWG) DATED 1/14/2005.

2. MAP REFERENCE 1. IS A MAP ENTITLED "SURVEY MAP LANDS OF A.C. DUTTON LUMBER CORP. TO BE CONVEYED TO SCENIC HUDSON INC.", PREPARED BY CHAZEN ENGINEERING AND LAND SURVEYING CO., P.C. DATED AUGUST 20, 2003.

3. HISTORIC SAMPLING LOCATIONS SHOWN ARE BASED ON A PLAN ENTITLED "ARSENIC >30mg/Kg AND/OR CHROMIUM >50 SOILS mg/Kg A.C. DUTTON PROPERTY 2 HOFFMAN STREET CITY AND TOWN OF POUGHKEEPSIE DUTCHESS COUNTY, NEW YORK" DATED NOVEMBER 2002 BY ECOSYSTEM STRATEGIES, INC.

MAP NOTES

1. HORIZONTAL COORDINATES ARE RELATIVE TO THE NEW YORK STATE PLANE COORDINATE SYSTEM BASED ON THE NORTH AMERICAN DATUM OF 1983(CORS96)(EPOCH 2002). COORDINATES HAVE BEEN MODIFIED BY AN AVERAGE SITE SCALE FACTOR OF 0.99993069797. A NORTHING SHIFT OF -100000.0 AND AN EASTING SHIFT OF -600000.0 WAS APPLIED AFTER THE SCALE FACTOR WAS APPLIED.

2. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

3. ALL COORDINATE UNITS ARE U.S. SURVEY FEET.

No.	DATE	DESCRIPTION	BY
1.			

REVISIONS

PROJ. MANAGER:
CHIEF DESIGNER:
REVIEWED BY: DATE

SCALE: HORZ: 1" = 100' VERT:
DATUM: HORZ: VERT:
GRAPHIC SCALE 0 50 100

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THE O'NEILL GROUP - DUTTON, LLC
PROPOSED SOIL REMEDIAL ACTION PLAN
FORMER A.C. DUTTON LUMBER FACILITY
2 HOFFMAN STREET
POUGHKEEPSIE NEW YORK

PROJ. No.: 20040764A1N
DATE: SEPTEMBER 2007

FIG. 5

dwg by: LH
chk by: FD
scale: NTS
date: 12/16/14

SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL

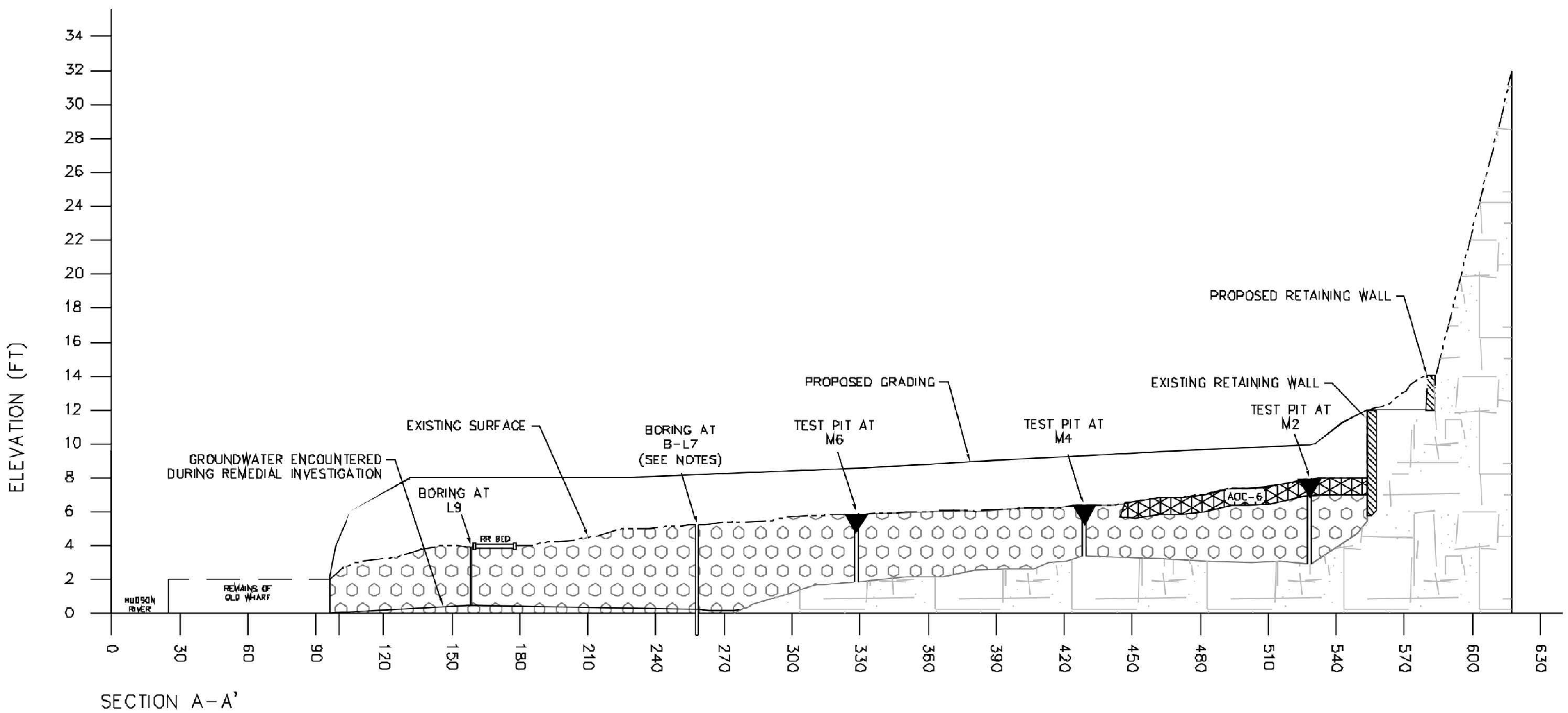
SESI CONSULTING ENGINEERS, P.C.
12A MAPLE AVE., PINE BROOK, N.J. 07058 PH: 973-808-9050

project: THE O'NEILL GROUP - DUTTON LLC
CITY/TOWN OF POUGHKEEPSIE
DUTCHESS COUNTY, NY

drawing title: SITE GEOLOGICAL SECTIONS

job no: 8604
drawing no:

FIG. 1.2A



LEGEND

- EXISTING SURFACE
- PROPOSED SURFACE
- APPROXIMATED ENTRANCE ROADWAY AND RAMPS INTO SITE
- ZONE OF METALS CONCENTRATIONS EXCEEDING ACTION LEVELS
- FILL MATERIAL
- BEDROCK

NOTES

1. FILL MATERIAL GENERALLY CONSISTS OF FINE TO MEDIUM SAND, GRAVEL, SOLIDIFIED KILN ASH, CRUSHED BRICK, AND CRUSHED SHALE/BLAST ROCK.

2. SUBSURFACE CONDITIONS ARE ESTIMATED BASED ON TEST PIT AND BORING DATA COLLECTED FROM THE LOCATIONS SHOWN, AS WELL AS LOCATIONS IN THE VICINITY OF THIS CROSS SECTION.

3. BORING B-L9 EXTENDS 1.5 FEET BELOW THE 0 FOOT ELEVATION (RIVER ELEVATION).

4. PROPOSED CONDITIONS (RAMP, ROAD, & RETAINING WALL) ARE APPROXIMATED. NO APPROVED SITE PLAN IS AVAILABLE FROM THE DEVELOPER FOR PLANNING PURPOSES. THIS SOIL RAP WAS DESIGNED IN GENERIC TERMS SO THAT IT MAY BE EASILY ADAPTABLE TO AN APPROVED SITE PLAN IN THE FUTURE.

No.	DATE	DESCRIPTION	BY
1.			

REVISIONS

PROJ. MANAGER:
CHIEF DESIGNER:
REVIEWED BY: DATE

TO MY KNOWLEDGE AND BELIEF, THESE MAPS ARE SUBSTANTIALLY CORRECT AS NOTED HEREON.

LAWRENCE R. GEISSLER, JR. 12327 LICENSE No.

SCALE: HORZ: NTS VERT:
DATUM: HORZ: VERT:
0 NTS
GRAPHIC SCALE

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THE O'NEILL GROUP - DUTTON, LLC
CROSS SECTION A-A'
FORMER A.C. DUTTON LUMBER FACILITY
2 HOFFMAN STREET
POUGHKEEPSIE NEW YORK

PROJ. No. 20040764A2N
DATE: SEPTEMBER 2007

FIG. 9A

dwg by: LH
chk by: FD
scale: NTS
date: 12/16/14

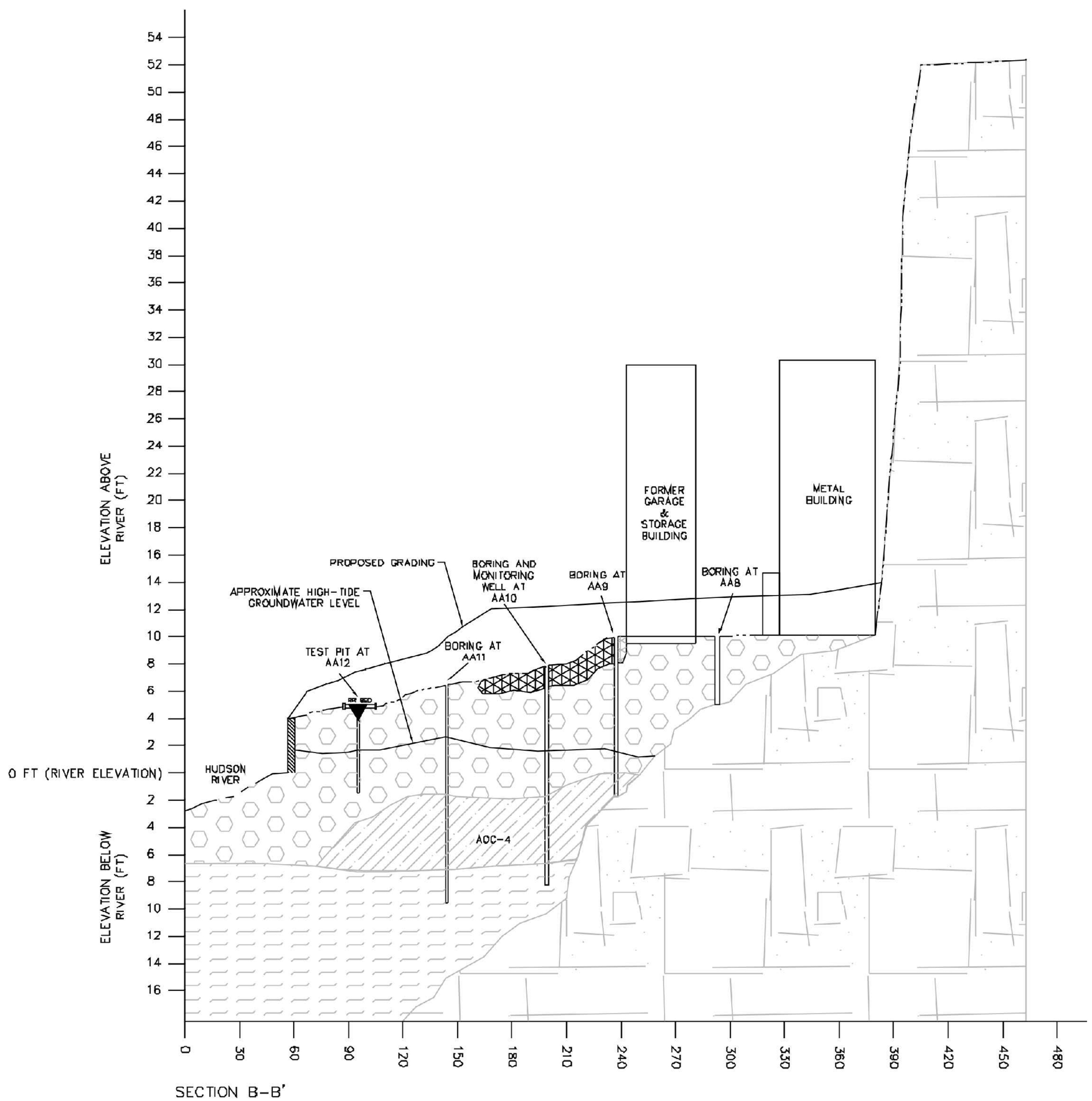
SESI
CONSULTING ENGINEERS, PC
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL

12A MAPLE AVE, PINE BROOK, N.J. 07058 PH: 973-808-9050

project: THE O'NEILL GROUP - DUTTON LLC
CITY/TOWN OF POUGHKEEPSIE
DUTCHESS COUNTY, NY

drawing title: SITE GEOLOGICAL SECTIONS

job no: 8604
drawing no: FIG. 1.2B



LEGEND

- EXISTING SURFACE
- PROPOSED SURFACE
- APPROXIMATE PETROLEUM-IMPACTED AREA OF CONCERN
- ZONE OF METALS CONCENTRATIONS EXCEEDING ACTION LEVELS
- FILL MATERIAL
- NATIVE MATERIAL
- BEDROCK

NOTES

1. FILL MATERIAL GENERALLY CONSISTS OF FINE TO MEDIUM SAND, GRAVEL, SOLIDIFIED KILN ASH, CRUSHED BRICK, AND CRUSHED SHALE/BLAST ROCK.

2. NATIVE MATERIAL GENERALLY CONSISTS OF TIGHTLY PACKED LIGHT BROWN FINE SAND AND SILT.

3. SUBSURFACE CONDITIONS ARE ESTIMATED BASED ON TEST PIT AND BORING DATA.

No.	DATE	DESCRIPTION	BY
1.			

REVISIONS

PROJ. MANAGER:
CHIEF DESIGNER:
REVIEWED BY: DATE

TO MY KNOWLEDGE AND BELIEF, THESE MAPS ARE SUBSTANTIALLY CORRECT AS NOTED HEREON.

LAWRENCE R. GEISSLER, JR. — 12327 LICENSE No.

SCALE: HORZ: NTS VERT:
DATUM: HORZ: VERT:
0 NTS GRAPHIC SCALE

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THE O'NEILL GROUP - DUTTON, LLC
CROSS SECTION B-B'
SOIL REMEDIAL ACTION PLAN
2 HOFFMAN STREET
POUGHKEEPSIE NEW YORK

PROJ. No.: 20040764.A2N
DATE: SEPTEMBER 2007

FIG. 9B

dwg by: LH
chk by: FD
scale: NTS
date: 12/16/14

SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL

SESI CONSULTING ENGINEERS, PC
12A MAPLE AVE, PINE BROOK, N.J. 07058 PH: 973-808-9050

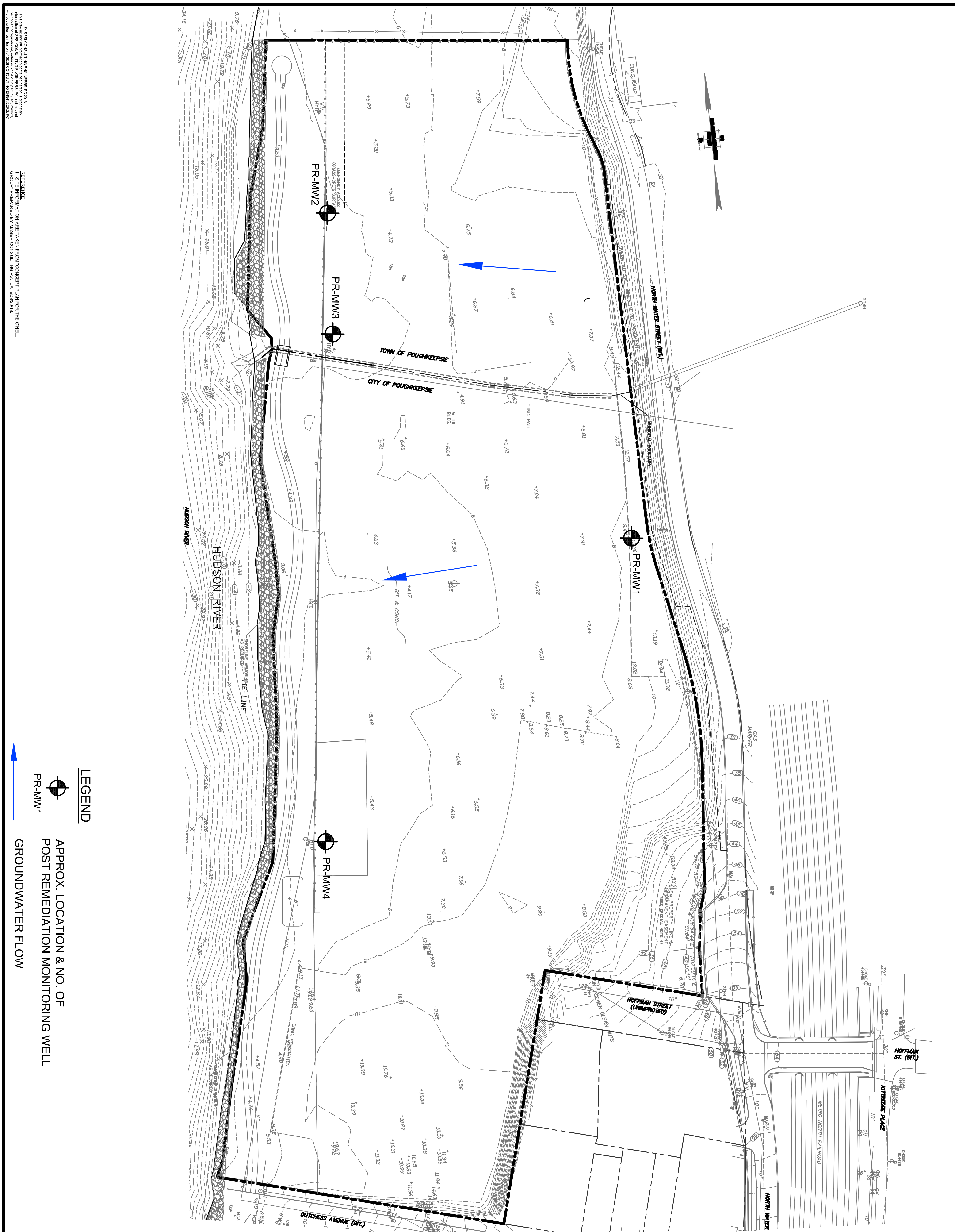
project: THE O'NEILL GROUP - DUTTON LLC
CITY/TOWN OF POUGHKEEPSIE
DUTCHESS COUNTY, NY

drawing title: SITE GEOLOGICAL SECTIONS

job no: 8604
drawing no:

FIG. 1.2C

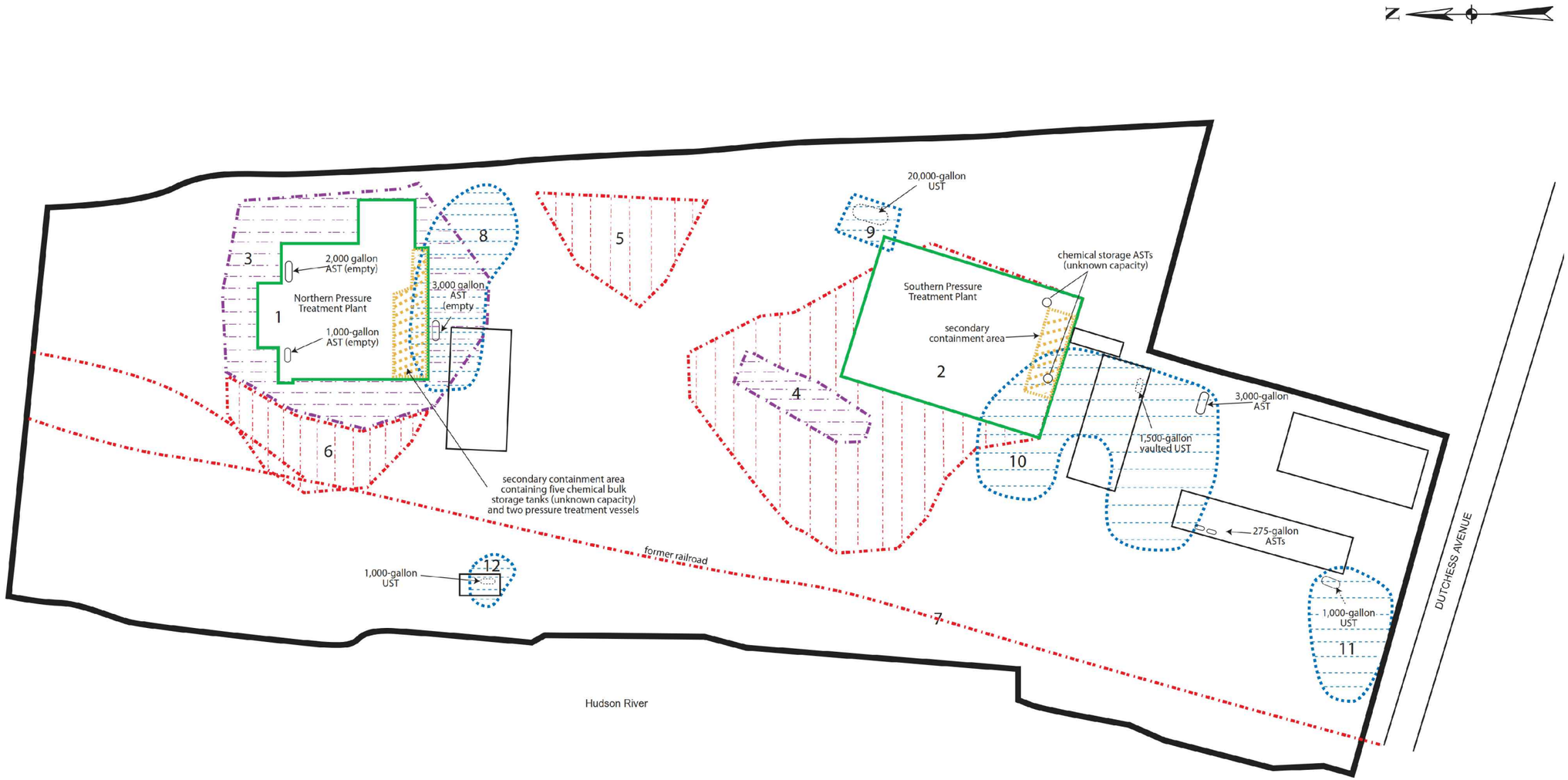
N:\ACAD\8604\8604 FIG 1.3 GW FLOW.dwg, 12/16/2014 8:51:00 AM



project: THE O'NELL GROUP - DUTTON LLC CITY/TOWN OF POUGHKEEPSIE DUTCHESS COUNTY, NY		SESI CONSULTING ENGINEERS, P.C. SOILS / FOUNDATIONS SITE DESIGN ENVIRONMENTAL 12A MAPLE AVE, PINE BROOK, N.J. 07058 PH: 973-808-9050	drawn by: yy checked by: FD scale: N.T.S. date: 9/15/14
drawing title: GROUNDWATER FLOW (2014 DATA)	FUAD DAHAN, P.E. PROFESSIONAL ENGINEER N.Y. LIC. NO. 090531		

job no. 8604
drawing no. FIG 1.3
of

rev	date	description	by



Notes:

Map based on Fuss and O'Neill proposed "Remedial Action Map" (July 2006)

Legend:

- property outline
- pressure treatment plant buildings
- existing buildings
- area of petroleum impacts
- area of arsenic contamination above 32 mg/Kg (0-1')
- area of arsenic contamination above 32 mg/Kg (0-3')

1 = area #

Figure 2 - Proposed Remediation Map - Excavation/Treatment (Partial Source Removal/Treatment - Arsenic Remediated to SBL of 32 mg/kg)

Former A.C. Dutton Facility
1 Dutchess Avenue and 2 Hoffman Street
Poughkeepsie, New York

ESI File: OP08022.41

September 2008 | Appendix B

Ecosystems Strategies, Inc.

dwg by: LH
chk by: FD
scale: NTS
date: 12/16/14

SESI CONSULTING ENGINEERS, PC
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project: THE O'NELL GROUP - DUTTON LLC
CITY/TOWN OF POUGHKEEPSIE
DUTCHESS COUNTY, NY

drawing title: 2008 INVESTIGATION RESULTS

job no: 8604
drawing no:

FIG. 1.4

Ecosystems Strategies, Inc.

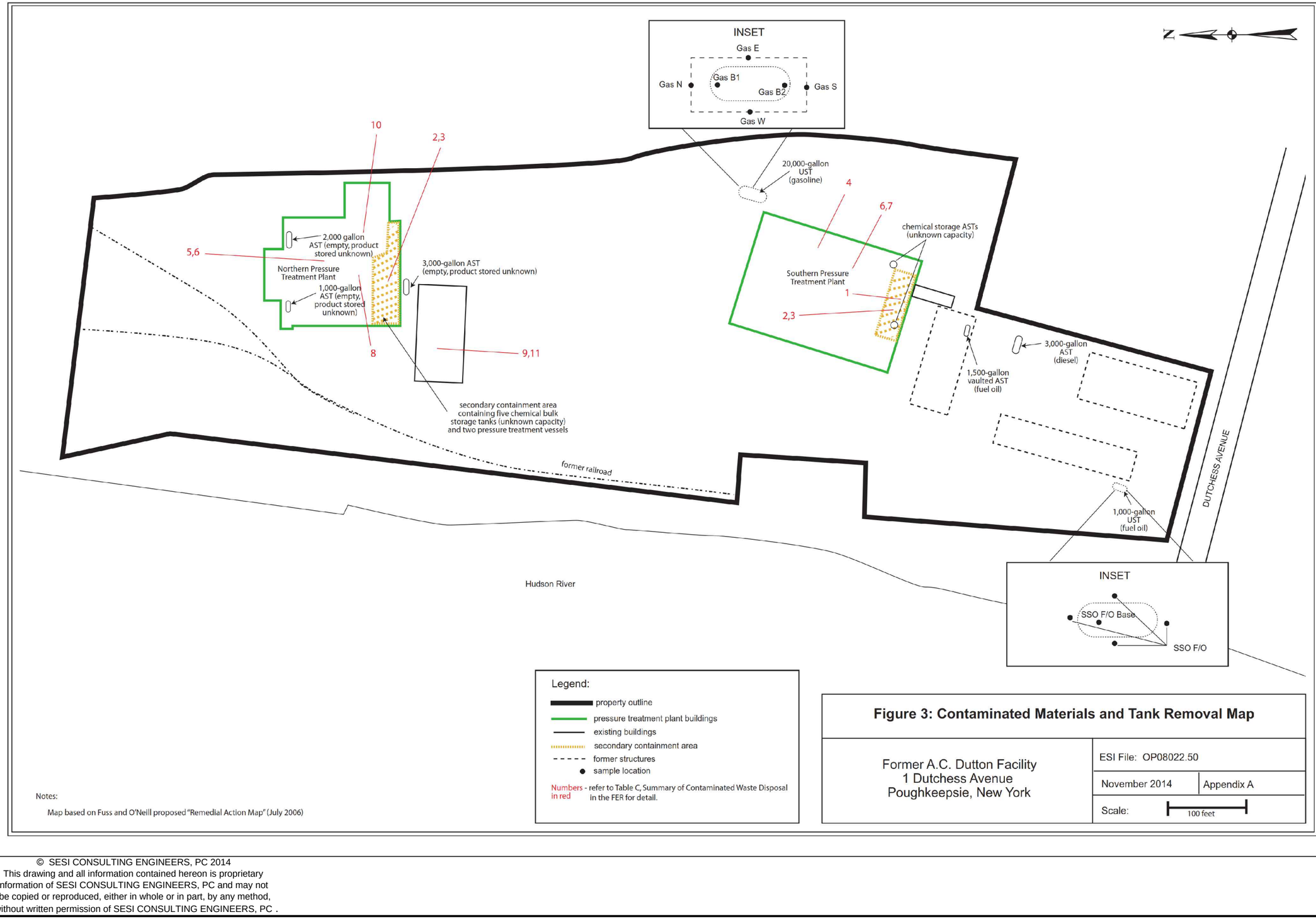


Figure 3: Contaminated Materials and Tank Removal Map

Former A.C. Dutton Facility
1 Dutchess Avenue
Poughkeepsie, New York

ESI File: OP08022.50

November 2014 | Appendix A

Scale: 100 feet

dwg by: LH
chk by: FD
scale: NTS
date: 12/16/14

SESI CONSULTING ENGINEERS, PC
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project: THE O'NELL GROUP - DUTTON LLC
CITY/TOWN OF POUGHKEEPSIE
DUTCHESS COUNTY, NY

drawing title: UST LOCATIONS

job no: 8604
drawing no:

FIG. 1.5

Ecosystems Strategies, Inc.

Area of sub-asphalt floor comprised of soil and/or aggregate

Areas of concrete slab encountered subsequent to removal of asphalt floor

Areas of concrete flloor visible at surface prior to removal of asphalt floor

concrete proposed to remain

Contrete vault (possible truck scale/UST)

Excavation to 5'below underside of former floor level

Excavation to 3'below underside of former floor level

Excavation to 2'below underside of former floor level

Excavation to 1'below underside of former floor level

All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 7 - Excavation Depths at NTP as of 11/13/2012
Northern Treatment Plant
former A.C. Dutton Property
1 Dutchess Avenue
Poughkeepsie, New York

Legend:
- building outline
- floor drain
- sample location red = arsenic - blue = chromium (all results in mg/kg)
- concrete core sample and subslab soil sample location (10/25/12)

ESI File: OP08022.50
October 2014
Scale: 20'
Appendix A

FIG. 1.6

job no: 8604
drawing no:

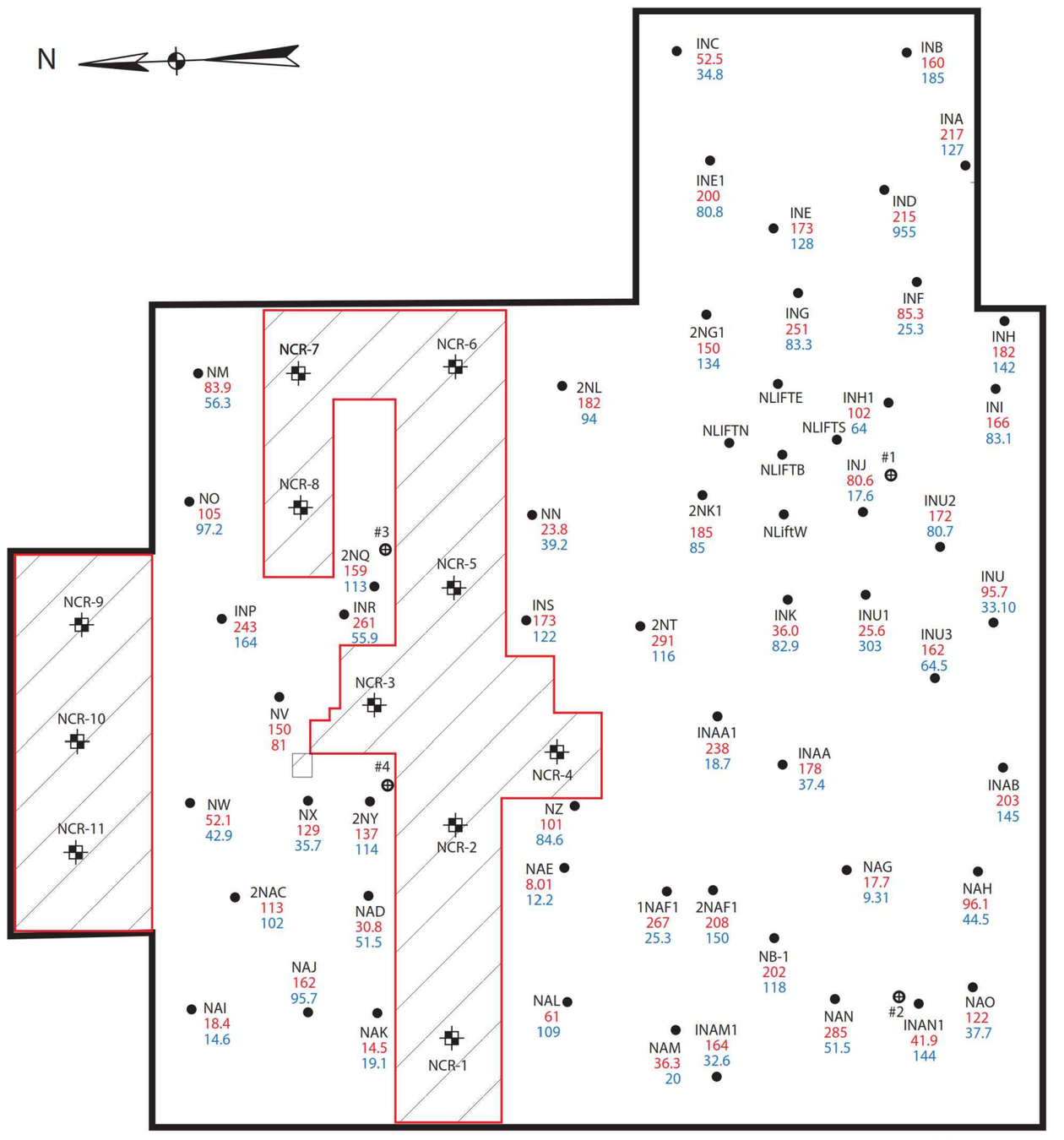
project: THE O'NELL GROUP - DUTTON LLC
CITY/TOWN OF POUGHKEEPSIE
DUTCHESS COUNTY, NY

drawing title: EXCAVATION LOCATIONS & DEPTHS

SESI CONSULTING ENGINEERS, PC
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

dwg by: LH
chk by: FD
scale: NTS
date: 12/16/14

Ecosystems Strategies, Inc.



All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 4: Northern Pressure Treatment Plant Remediation Endpoint Sampling Map

Former A.C. Dutton Property
1 Dutchess Avenue
Poughkeepsie, New York

Legend:
- building outline
- floor drain
- sample location red = arsenic - blue = chromium (all results in mg/kg)
- concrete core sample and subslab soil sample location (10/25/12)

ESI File: OP08022.50
October 2014
Scale: 20'
Appendix A

FIG. 1.7A

job no:
drawing no: 8604

project: THE O'NELL GROUP - DUTTON LLC
CITY/TOWN OF POUGHKEEPSIE
DUTCHESS COUNTY, NY

drawing title: POST EXCAVATION SAMPLES & RESULTS

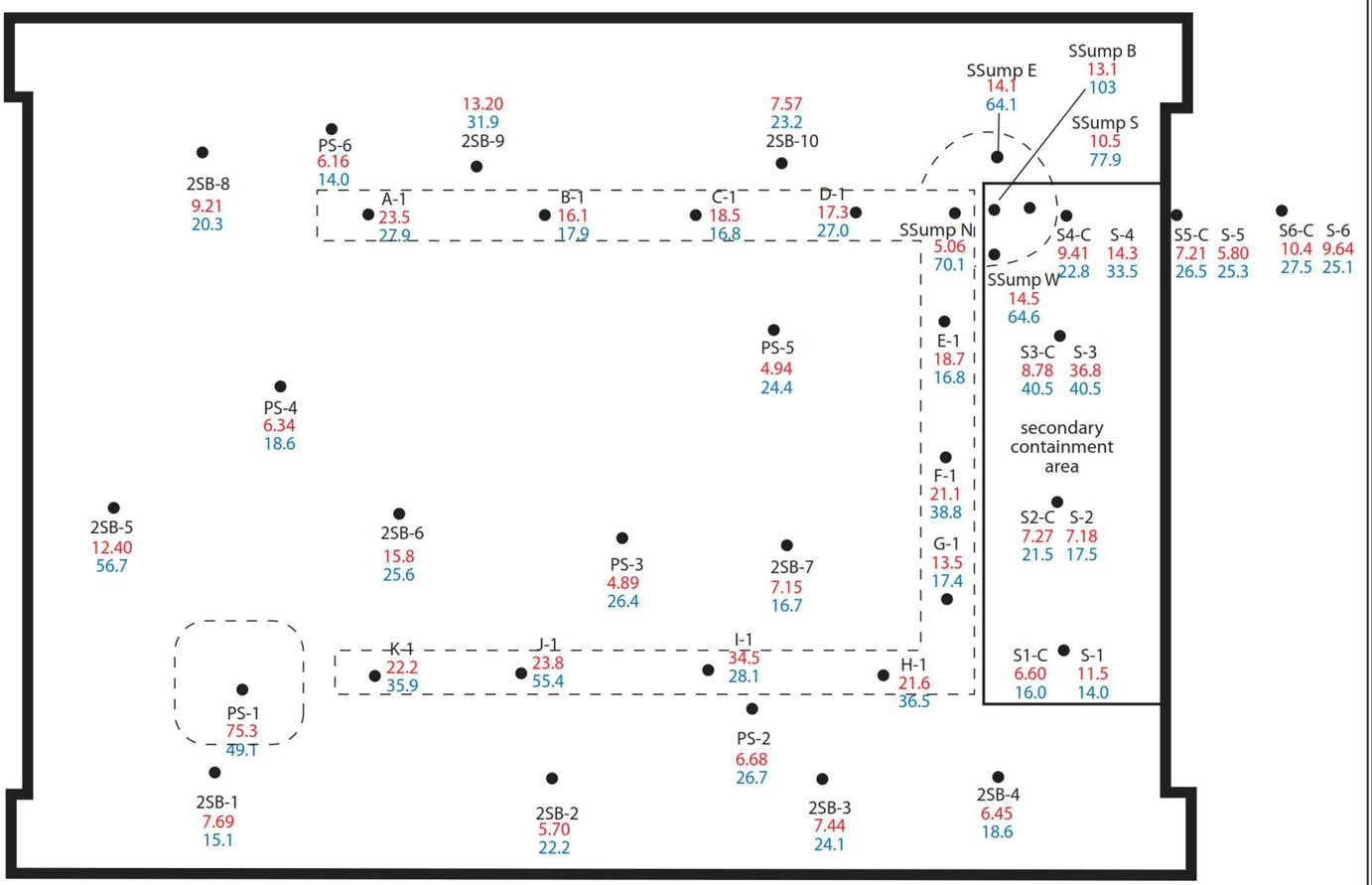
SESI CONSULTING ENGINEERS, PC
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

dwg by: LH
chk by: FD
scale: NTS
date: 12/16/14

Ecosystems Strategies, Inc.

N

STATE OF NEW YORK
PHILIP A. BELL
LICENSED PROFESSIONAL ENGINEER
081943



2SB = subslab soil sample 9/24/2012
PS = post scarification concrete sample 9/04/2012
B and B-# = post excavation end point soil sample 10/11/2012 and 10/17/2012
S#-C = secondary containment concrete sample 11/19/2012
S-# secondary containment subconcrete soil sample 11/19/2012
SSump# = sump endpoint sample 11/19/2012

40 feet

All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 5: Southern Treatment Plant Post Remediation End Point Sampling Map

Former A.C. Dutton Property
1 Dutchess Avenue and 2 Hoffman Street
Poughkeepsie, New York

Legend:
- building outline
- excavation area
- sample location red = arsenic - blue = chromium (all results in mg/kg)

ESI File: OP08022.50
October 2014
Scale: 1" = 40'
Appendix A

FIG. 1.7B

job no:
drawing no: 8604

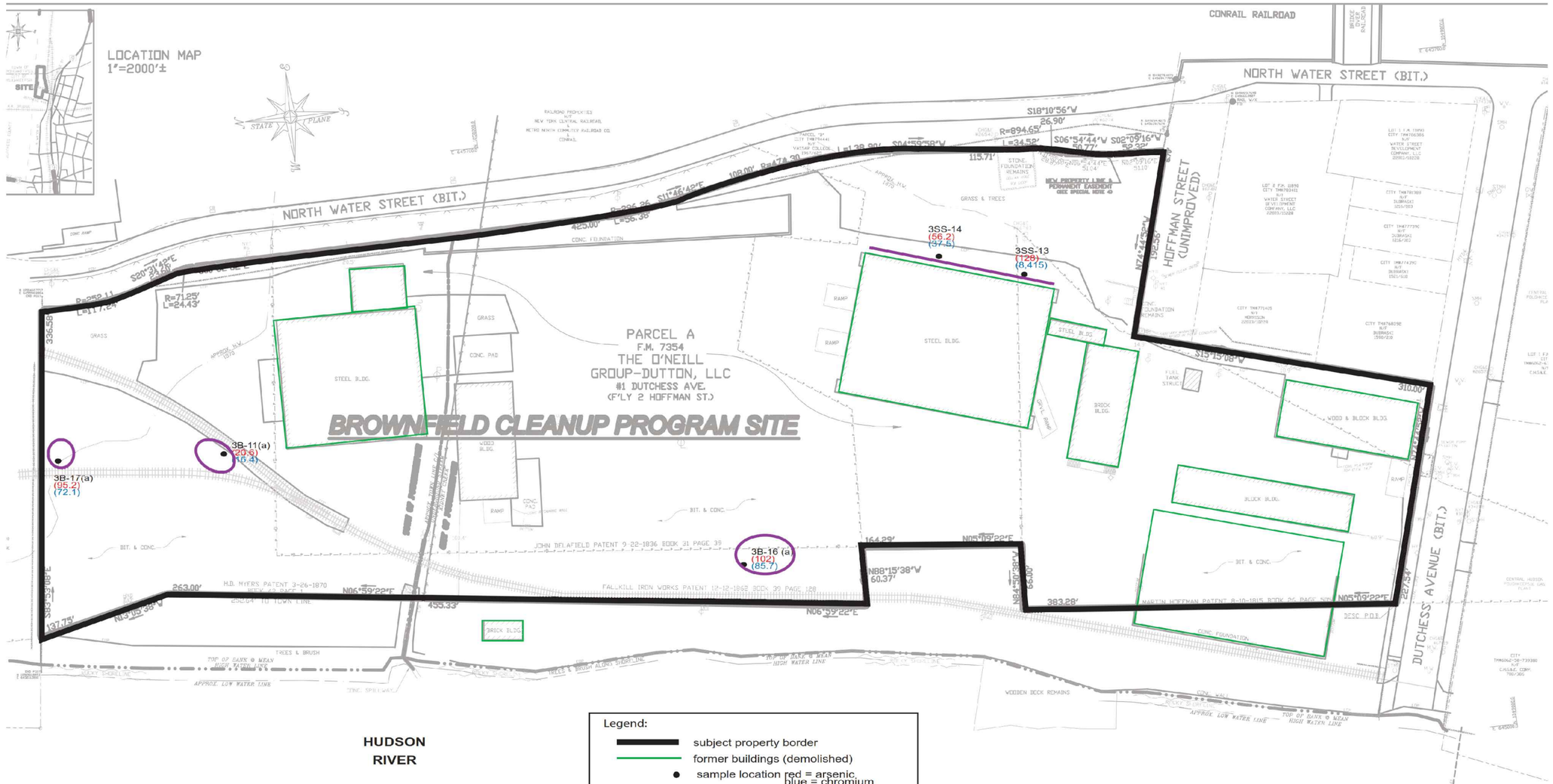
project: THE O'NELL GROUP - DUTTON LLC
CITY/TOWN OF POUGHKEEPSIE
DUTCHESS COUNTY, NY

drawing title: POST EXCAVATION SAMPLES & RESULTS

SESI CONSULTING ENGINEERS, PC
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

dwg by: LH
chk by: FD
scale: NTS
date: 12/16/14

Ecosystems Strategies, Inc.



STEM NOTES:
: NEW YORK EAST, NAD 83 ZONE 3001
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N SCALE FACTOR = 0.999919330561
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STATE OF NEW YORK
PHILIP A. BELL
081943
LICENSED PROFESSIONAL ENGINEER

Figure 6: Exterior Areas - Post Remediation Endpoint Sample Map

Former A.C. Dutton Property 1 Dutchess Avenue Poughkeepsie, New York	ESI File: OP08022.50	
	October 2014	Appendix A

dwg by: LH
chk by: FD
scale: NTS
date: 12/16/14

SESI CONSULTING ENGINEERS, PC
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project: THE O'NELL GROUP - DUTTON LLC
CITY/TOWN OF POUGHKEEPSIE
DUTCHESS COUNTY, NY

drawing title: POST EXCAVATION SAMPLES & RESULTS

job no: 8604
drawing no:

FIG. 1.7C

APPENDIX H– PERMITS RECEIVED DURING THE REPORTING PERIOD

CITY OF POUGHKEEPSIE
PLANNING DEPARTMENT

April 21, 2015

1 DUTCHESS AVENUE – SITE PLAN (FORMER DUTTON SITE)
Site Plan and Special Permit review regarding mixed-use transit oriented development totaling 300 residential units within the City of Poughkeepsie portion of the development on 10.82 acres on Dutchess Avenue at the former Dutton Lumber site. Applicant: The O'Neill Group, Dutchess Avenue Riverwalk, LLC and Dutchess Avenue Riverwalk North, LLC; Grid # 6062-59-766443; Zoned W; File# 2013-091

The applicant is proposing a new mixed use development with 300 residential units and 13,800 square feet of commercial space within the City of Poughkeepsie.

Public hearings were opened and adjourned on several occasions, beginning January 28, 2014. The Public Hearing was closed on August 26, 2014.

ZBA granted required area variances on March 10, 2015.

Resolution of Conditional Final Approval

The Board hereby adopts the Findings Statement as attached for the submitted site plan as stated in the following resolution:

WHEREAS, the Planning Board has received a site plan prepared by Maser Consulting, P.A., for the proposed development, last revised January 30, 2015 for the mixed-use development at One Dutchess Avenue; and

WHEREAS, the Planning Board has received a Waterfront Greenway Trail Plan prepared by Maser Consulting, P.A., for the proposed development, last revised March 24, 2015.

WHEREAS, the Planning Board has received architectural elevations prepared by Liscum McCormack VanVoorhis, LLP, last dated October 27, 2014 for the mixed-use development at One Dutchess Avenue; and

WHEREAS, the Common Council, acting as lead agency conducted a SEQRA review for the project which included the initial rezoning of the property from Industrial (I-2) to Waterfront (W), the site plan and other associated approval; and

WHEREAS, the Planning Board was named as an involved agency in the SEQRA review as it is the agency responsible for granting site plan approval for the project; and

WHEREAS, the Common Council adopted a Final Environmental Impact Statement for the project on March 19, 2012.

WHEREAS, the Common Council adopted a SEQR Findings Statement and the Local Law that rezoned the subject property to the Waterfront District on May 7, 2012; and

WHEREAS, the applicant applied for site plan approval from the Planning Board on October 4, 2013; and

WHEREAS, the application was deemed complete on December 17, 2013; and

WHEREAS, a public hearing was opened for the project on January 28, 2014; and

WHEREAS, the Waterfront Advisory Committee made a determination of project consistency with the LWRP on March 25, 2014;

WHEREAS, the project documents and application were forwarded to Dutchess County Department of Planning and Development and a response received on July 10, 2014 indicating the application was a matter of local concern with comments; and

WHEREAS, the public hearing was closed on August 26, 2014; and

WHEREAS, the Zoning Board of Appeals granted required area variances on March 10, 2015 after issuing its own SEQR determination as it was not named as an involved agency in the original review by the Common Council;

NOW THEREFORE BE IT RESOLVED that the Planning Board hereby adopts the Findings Statement dated April 21, 2015.

Motion: Abraham Santiago, IV
Second: Naomi Goldberg
Carried: 7:0:0

THEREFORE BE IT FURTHER RESOLVED that the Board grant final site plan and special permit approval for the mixed use development with 300 residential units and 13,800 square feet of commercial space within the City of Poughkeepsie with the following conditions:

Condition of Final Approval to be satisfied prior to Signing of the Site Plan:

- Satisfaction of Engineering Comments dated March 10, 2015.
- Provide Modified Plan set showing proposed mixed use development in the City of Poughkeepsie only, not showing the proposed development in the Town of Poughkeepsie. With the exception that the proposed development of the Waterfront Greenway Trail Plan will include the improvements in the City and the Town.
- Continued payment of escrow for Engineering and Legal Services.
- Documentation of approvals from Dutchess County/New York State Department of Health.
- Documentation that New York State has authorized the Applicant to enter onto its property and perform the work associated with the site plan and that it will be conveyed without conditions or restrictions other than to limit its use for public recreational purposes, or in the alternative proof that NYS has transferred legal title to it.

- Documentation from the State of New York confirming that title to the underwater lands will be transferred to [Interim Park Owner]
- Offer of cession from [Interim Park Owner] to City of Poughkeepsie for designated park lands in a form subject to approval by the City Attorney.
- Site plan should note that its regulated by DEC Easement.

Condition of Final Approval prior to Initiation of any Site Work:

- Stormwater Pollution Prevention Plan NOI.
- Establishment of a performance bond in form satisfactory to the Corporation Counsel of the City of Poughkeepsie for the estimated improvement costs of approximately $3,212,000 based on estimate prepared February 13, 2015 which will need to be revised to reflect changes to Waterfront Greenway Trail Plan. Bond shall be established in accordance with 19-6.1(e)(2)(i) for site improvements, including: Street base and paving; Concrete curb and gutters; Water mains, appurtenances and services; Storm sewers, appurtenances and services; Sanitary sewers, appurtenances and services; Concrete sidewalks; Streetlights; Landscaping; Park Improvements; and such other site improvements as the Planning Board deems necessary to ensure proper development of the site.
- Establishment of development inspection escrow in an amount equal to 2% of the final performance bond amount. Inspection escrow currently estimated to be $64,240.
- Documentation of approvals from Army Corp of Engineers.
- Documentation of approvals from New York State Department of Environmental Conservation.

Condition of Final Approval prior to Issuance of Building Permit:

- Reimbursement to City in the amount of $115,854.46 for cost of utility improvements completed for the benefit of the project related to the Hoffman Street Bridge Project.
- Proof that NYS has transferred legal title to the property.
- Documentation of revisions to FEMA Map.
- Prior to issuance of building permit for park site, site cleanup plan for Park Land approved by New York State Department of Environmental Conservation.
- Structural Review by Engineering of proposed retaining wall 4' or greater in height prior to approval of each phase within which applicable retaining wall exists.

Condition of Final Approval prior to Issuance of 84th Certificate of Occupancy:

- Final sign off from DEC that Waterfront Greenway Trail site has been remediated.
- DEC approved monitoring plan for Park Land which provides that applicant do required testing and reporting on Park Land.
- Completion of Improvements shown on the Waterfront Greenway Trail Plan last revised March 24, 2015 consisting of improvements in both the City and Town of Poughkeepsie.

- Dedication to the City of Poughkeepsie, Land shown as "Town of Poughkeepsie Grant Area" and "City of Poughkeepsie Grant Area" on Submission Map O.G.S. #2287, last revised 2/12/15, which encompasses the Waterfront Greenway Trail.

Motion: Abraham Santiago, IV
Second: Naomi Goldberg
Carried: 7:0:0