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PERIODIC REVIEW REPORT

LONG DOCK PARK

NYSDEC BCP ID: C314112

Block 32, Lots: 481840, 490828, and 537725

City of Beacon, Dutchess County, New York

October 25, 2023

GBTS Project: 23003-0018

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PERIODIC REVIEW REPORT

October 25, 2023

GBTS Project: 23003-0018

Prepared By:

Gallagher Bassett Technical Services
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and

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Prepared For:

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PLEASE NOTE: Morris Engineering Associates was the PE of record during the development phase (January 2017-October 2022) of the Brownfield Remediation Project and during the North Shore Amenities park development project, described in the Construction Completion Report (October 2022). Between the time when construction activities ceased and the submission of this report, Morris was sold to CPL Architecture, Engineering, Planning. Peter Setaro, the certifying PE from Morris Engineering Associates has remained with this project and is now employed by CPL. References to Morris Engineering Associates have been changed in this PRR. Similarly, Ecosystems Strategies, Inc. was sold to WCD Group, which was then acquired by Gallagher Bassett Technical Services. Richard Hooker and Scott Spitzer have remained with this project through all of the ownership changes.

CERTIFICATIONS

I, Peter D. Setaro, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for overseeing the preparation of the Construction Completion Report (CCR), and I certify that the SMP was implemented and that all park development/construction activities were completed in substantial conformance with the Department-approved SMP.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Peter D. Setaro, of CPL Architecture, Planning, Engineering am certifying as Owner's Designated Site Representative for the Site.

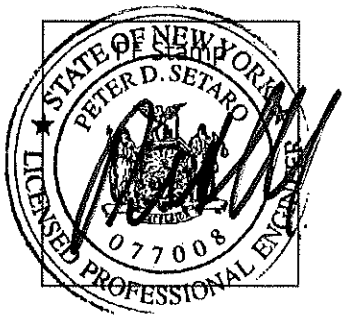
PE Name: Peter D. Setaro

PE License Number: 077008

PE Signature:

Date: 10/26/23

PE Stamp



CERTIFICATIONS

A Site Management Plan has been submitted by the applicant for the continual and proper operation, maintenance, and monitoring of any engineering controls employed at the Site including the proper maintenance of any remaining monitoring wells, and such plan has been approved by the New York State Department of Environmental Conservation.

I, Victoria Panico, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that all park development/construction activities were completed in substantial conformance with the Department-approved SMP.

In addition, I certify that this Construction Completion Report was prepared in accordance with the NYSDEC-approved Site Management Plan dated January 2017, and that all services completed at the Site were performed in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

QEP Name: Victoria Panico, CHMM, Gallagher Bassett Technical Services Division

QEP Signature: Victoria Panico

Date: October 25, 2023

TABLE OF CONTENTS

1.0 INTRODUCTION 1

1.1 Purpose 1

1.2 Site Description 1

2.0 BACKGROUND 1

2.1 Site History and Investigations 1

Soil 2

Groundwater 3

Soil Vapor 3

Determination of Significant Threat 3

2.2 Remediation Activities 3

2.3 Remedial Action Objectives 4

3.0 COMPLIANCE WITH SITE MANAGEMENT PLAN 4

3.1 Engineering Controls 4

3.1.1 Cover System 4

3.1.2 Monitoring Well Network 5

3.2 Institutional Controls 5

3.3 Groundwater Monitoring 7

3.4 Effectiveness of Remedial Activities 7

4.0 CONCLUSIONS AND RECOMMENDATIONS 8

APPENDICES

A Figures

Figure 1 *Site Location Map*
Figure 2 *Site Identification Map*
Figure 3 *Post-Construction Institutional and Engineering Controls*

B Tables

Table 1 *TPH-DRO in Groundwater*
Table 2 *VOCs in Groundwater*
Table 3 *SVOCs in Groundwater*
Table 4 *VOC Tentatively Identified Compounds (TICs)*
Table 5 *SVOC Tentatively Identified Compounds (TICs)*

C Site-wide Inspection and Engineering Controls Certification Form

D Photographs

E Documentation of Corrective Measures

1.0 INTRODUCTION

1.1 Purpose

This Periodic Review Report (PRR) documents site management activities, as required by the Site Management Plan (SMP; January 2017, revised February 2023), conducted at Long Dock Park (Site). The reporting period of 2017-2023. Site figures are presented in Appendix A.

1.2 Site Description

The Site (6.44 acres), located in the City of Beacon, Dutchess County, New York, is situated on a peninsula on the eastern shore of the Hudson River, and is bounded by the Metro North Railroad station to the north and east, Red Flynn Drive to the east, additional portions of Long Dock Park to the south, and the Hudson River to the west.

The Site contains the River Center building (Red Barn) to the north, a paved access road which runs east to west, meadow areas to the south (former major oil storage facility [MOSF] area) and north/northwest, concrete paving to the south (former MOSF area), and a boardwalk and riprap along the western shoreline. The Site is currently utilized as a center for arts and environmental education programs, and park areas for the general public. The property extends approximately 1,200 feet westwards from Red Flynn Drive and includes lands submerged in the Hudson River (not part of the Site). Figure 1 shows the Site location and photographs are provided in Appendix D.

2.0 BACKGROUND

2.1 Site History and Investigations

The Site has a long history of known industrial use, which occurred prior to the Volunteer's (Scenic Hudson Land Trust [SHLT]) ownership of the property. Environmental investigations conducted by various consultants in the 1980s indicated that the Site had been formed with uncontrolled fill from multiple sources, and that soils and groundwater had been impacted by metals and hydrocarbon based contamination.

The Site is comprised of the former Cohen property (purchased October 2000) along the northern half and former Garrett Storm property (purchased September 1997) along the southern half. The northeastern portion of the Site was used as a "junk yard" (Beacon Salvage Yard) from approximately 1962 to 1983. The southern portion of the Site was used as a former MOSF, with aboveground petroleum storage tank structures, from approximately 1936 to 1994, located in the southeastern portion.

The northwestern portion of the Site was used as a coal yard (Long Dock Coal Company/Garrett Storm Coal Yard).

The Beacon Salvage Yard (V00444) and the Garret Storm Site (V00096) were formerly enrolled in the NYSDEC Voluntary Cleanup Program. An interim remedial measure (IRM) to remove petroleum contamination was completed at the Garret Storm Site in 2000 and an IRM to remove polychlorinated biphenyl (PCB) contamination was completed at the Beacon Salvage Site in 2002.

The Site was enrolled in the Brownfield Cleanup Program (BCP) in 2006. A remedial investigation (RI) was conducted by Ecosystems Strategies Incorporated in 2006 to 2007 to fully characterize known and suspected on-site contamination (the Site was also investigated from 1994 through 2003, and limited additional soil investigation was conducted in May 2014 under the BCP). Primary contaminants of concern (COC) identified during the RI included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals (arsenic, lead, mercury), and polychlorinated biphenyls (PCBs).

The Site is currently divided into Phase I and Phase II Remediation Areas (see Figure 2, Appendix A). The Phase I Remediation Area is primarily subject to restricted-residential use (RRU) soil concentration objectives (SCOs) and the Phase II Remediation Area is primarily subject to restricted-commercial use (RCU) SCOs (as approved by the NYSDEC on November 7, 2014).

The following section describes COC identified during the RI.

Soil

Phase I Remediation Area (Includes Beacon Salvage Yard)

Contaminants of concern associated with the historic salvage operations of the Site included PCBs, metals (arsenic, lead and mercury) and SVOCs (mostly polycyclic aromatic hydrocarbons [PAHs]) in exceedance of RRU SCOs.

Phase II Remediation Area (Includes Former MOSF Area)

Elevated lead was documented in the vicinity of the former MOSF area and in the north-central portion of the Site. Elevated arsenic and/or PAHs were documented in the north-central portion, in the vicinity of the former MOSF area, and northwestern portion.

Elevated SVOCs, total tentatively identified compounds (TICs), and total unknown compounds were detected in the former MOSF area.

No PCBs, pesticides or VOCs were detected above RCU SCOs. Documented VOCs included both solvents and petroleum compounds. Elevated total VOCs, based on total TICs and/or unknown compounds, were identified in the former MOSF area.

Elevated diesel-range total petroleum hydrocarbons (TPH-DRO) were identified throughout the former MOSF area.

Groundwater

Groundwater data collected during the RI documented elevated gasoline VOCs (BTEX) in the southeastern portion of the Site, and low levels of one or more VOCs in the northeastern portion and the former MOSF area. TICs and/or unknown compounds were documented in the western portion of the Site, former MOSF area and, off-site, to the south.

Low levels of dissolved arsenic were documented in the northeastern portion of the Site and a low dissolved lead was documented in the former MOSF area.

Low levels of PAHs were documented in the northeast portion of the Site and the former MOSF area (TICs/unknown compounds were slightly elevated in the former MOSF area).

PCBs and pesticides were not detected in groundwater throughout the Site.

Soil Vapor

The presence of VOCs during the remedial investigation indicated the potential for soil vapors in subsurface soils in the area of the former MOSF. In addition, the potential existed for VOC contamination in subsurface soils to be found off-site (southeast of the former MOSF). Therefore, the potential existed for soil vapors to be present southeast of the former MOSF. Note: A hotel building was projected to be built at the former MOSF area at the time of the RI. However, no building structures are present or projected to be built at the former MOSF area, which now consists of meadow areas. Therefore, no existing or potential exposure pathways for on-site and potential off-site soil vapors are anticipated, eliminating the possibility of soil vapor exposures.

Determination of Significant Threat

Based on the RI conducted on-site, the NYSDEC and NYSDOH determined that the Site does not present a significant threat to public health or the environment.

2.2 Remediation Activities

Remedial activities consisted of the following:

- Phase I Remediation (2010-2011) included removal of contaminated soil (source areas for arsenic, lead, mercury, PCBs and PAHs) in the eastern portion of the Site and installation of the cover system (asphalt paving for access roadways and portions of parking areas near Red Barn, concrete slabs for the parking area, concrete paving for sidewalks and stabilized gravel paving at the boat club parking area).
- Phase II Remediation (January to June 2015) included removal of contaminated soil (source areas for lead, arsenic, SVOCs, and TPH-DRO) in the northern-central and eastern portion of the Site and installation of a cover system (shot rock and clean soil).

- Additional Phase II Remediation (February 2016) included ISCO treatment in the former MOSF area.
- Triennial groundwater sampling is required at the monitoring well network, comprised of on-Site wells MW-06R, MW-08R, MW-11, MW-12, and MW-13, and off-Site well MW-14, to measure the effectiveness of the remedial activities. All well locations are shown on Figure

2.3 Remedial Action Objectives

The remedial action objectives (RAOs) for the Site, as specified in the Decision Document (April 2008), address protection of the environment and public health. The RAOs include removal of sources of contamination and prevent migration of residual contaminants in order to diminish existing groundwater contamination and prevent any additional contamination, restoration of the ground water aquifer to pre-disposal/pre-release conditions as possible, and prevention of human exposures via direct contact, ingestion and/or inhalation, or through vapor intrusion.

3.0 COMPLIANCE WITH SITE MANAGEMENT PLAN

Compliance with the Site Management Plan (SMP), which specifies requirements for Engineering Controls (ECs) and Institutional Controls (ICs), is summarized below. An inspection and EC/IC certification forms completed by GBTS are provided in Appendix C.

3.1 Engineering Controls

ECs have been put into place in order to manage remaining on-site contamination. These ECs at the Site consist of a cover system and monitoring well network. Sub-slab depressurization (SSD) systems are to be installed in any new buildings constructed at the Site; no SSD systems are currently installed.

3.1.1 Cover System

Exposure to remaining contamination in soil is prevented by a certified clean material cover system. The cover system varies in thickness, with a minimum of 24 inches in the Phase I area except the eastern portion, and 12 inches in the Phase II area.

The cover system on the northern shoreline was eroded due to high tides and storm surges in October 2018. As an interim measure, the volunteer installed temporary fencing to prevent public access and placed barrier materials (coir logs) to cover soil and prevent further erosion, and as an additional means to prevent exposures. The cover system was repaired by a subcontractor of the Volunteer (Maple Leaf Associates) in accordance with an NYSDEC-approved Corrective Measures Work Plan (CMWP) and an NYSDEC-approved Northwest Shoreline Erosion Corrective Measures Work Plan from July 31 to August 2, 2023. The completed work was inspected and approved by Peter Setaro, PE, of CPL Architecture, Engineering, Planning, serving as the Remedial Engineer,

and was documented in a Corrective Measures Work Plan Report submitted to NYSDEC on May 26, 2023. All referenced documents are provided in Appendix E.

An inspection of the cover system was completed on August 11, 2023. The cover system was observed to be in good condition at the time of the inspection. No significant cracks were observed in the asphalt paving or concrete paved areas, the vegetated cover was intact, and no surface depressions or eroded areas were noted. GBTS confirmed that the restored cover at the shoreline is intact. Photographs of cover system at the Site are presented as Appendix D.

3.1.2 Monitoring Well Network

To assess the performance of the remedy, a network of six monitoring wells (MW-06R, MW-08R, MW-11, MW-12, MW-13 and MW-14) are retained on-site for long-term monitoring of on-site groundwater and downgradient groundwater conditions. All wells are located in the former MOSF area, with exception of MW-14, which was installed west of the treatment area. The monitoring well network is to be sampled triennially for VOCs, SVOCs, and TPH-DRO as defined by the SMP.

An inspection of the monitoring wells completed on August 10 and 11, 2023 confirmed that they were accessible and in good condition.

3.2 Institutional Controls

A series of ICs have been put into place to: (1) implement, maintain and monitor EC 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, commercial, or industrial uses in the Phase I remediation area (Parcels 4 and 5) and commercial or industrial uses in the Phase II remediation area (Parcels 1, 2 and 3). Adherence to these ICs on the Site is required by the Environmental Easement (EE) and will be implemented under the SMP. Figure 2 shows locations of parcels, in Appendix A. These ICs are:

- Parcels 1, 2 and 3 of the property may be used for may be used for Commercial purposes 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) only;
- Parcels 4 and 5 of the property may be used for Restricted Residential purposes as described in 6 NYCRR Part 375-1.8(g)(2)(ii), and Commercial and Industrial purposes, as described above;
- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;

- 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 NYSDEC;
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to Site management must be reported at the frequency and in a manner as defined in the SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- 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 the Environmental Easement; and.
- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on Figure 3 and any potential impacts that are identified must be monitored or mitigated; and
- Vegetable gardens and farming on the Site are prohibited.

The ICs for the Site are being properly implemented and are effective for protecting human health and the environment. The Site is currently in use as a public park, consistent with the selected remedy. Groundwater is not in use and no gardens or farms are present.

ECs are being operated and maintained as specified by the SMP, with exception that:

1. The cover system on the northern shoreline of the Site was eroded in October 2018. Response actions included installation of fencing and a temporary cover to prevent exposure to contaminated soil, and subsequent cover restoration in July and August 2023 under the supervision of the Remedial Engineer (see the CMWP Report in Appendix E);
2. ECs were inspected on August 11, 2023; this work, however, was not formally completed at the required annual frequency from 2017 to 2022; and,
3. Groundwater sampling and monitoring was performed in May 2018 and August 2023 (the triennial schedule called for sampling in 2021).

3.3 Groundwater Monitoring

The SMP requires ongoing triennial groundwater monitoring to document the effectiveness of the completed remedial action. Groundwater sampling was conducted in May 2018 and August 2023. A Data Usability Summary Report (DUSR) in accordance with DER-10), is being prepared for August 2023 groundwater data by a third, independent party, which maintains NYSDOH ELAP CLP Certification, and will be provided to NYSDEC under separate cover.

Groundwater sampling events for the reporting period are documented in a Summary Report of Triennial Groundwater Monitoring (August 2018) and Summary of Groundwater Monitoring (October 2023), and all data are summarized in Tables 1 to 5, provided in Appendix B.

GBTS sampled six monitoring wells in the monitoring well network (MW-06R, MW-08R, MW-11, MW-13, and MW-14), on May 31, 2018, and August 10 and August 11, 2023 (see Figure 3 for well locations). Groundwater monitoring data indicate the following:

- TPH-DRO detections from May 2018 show relatively stable, consistent results as compared to the post-treatment sampling rounds (November 2015 and February 2016).
- TPH-DRO detections from August 2023 were significantly decreased at most monitoring wells (and were non-detect at MW-11 and MW-14), when compared to the May 2018 sampling round.
- No significant VOC or SVOC contamination was present at the Site in May 2018 or August 2023.

Current data continue to show that ISCO treatment has diminished petroleum impacts in on-Site groundwater, and indicate an absence of any substantive concentrations of petroleum hydrocarbons in the groundwater present in the MOSF “hot spot”. The continued presence of petroleum in on-Site soils does not represent a threat to either on-Site groundwater or to the adjoining Hudson River. These data are consistent with previous sampling rounds, which have demonstrated little propensity for petroleum hydrocarbons to dissolve and move from the hot spot.

3.4 Effectiveness of Remedial Activities

The effectiveness of the remedial activities in meeting the remedial goal (redevelopment of the Site while protecting human health and the environment) is measured through on-going monitoring of the condition of the on-Site cover system and groundwater monitoring in the former MOSF area and down gradient, as required in the SMP.

The cover system was observed to be in good condition during the Site inspection conducted by GBTS on August 11, 2023 and CPL on October 12, 2023. All ECs are implemented at the Site are in compliance with the SMP, and are effective in protecting human health and the environment.

Post-remediation groundwater data, inclusive of the sampling results for the reporting period, indicate that the RAOs for environmental protection have been achieved to the extent practicable. Given the implementation of the ECs, and the presence of only low-grade impacts in groundwater, the RAOs for protection of public health have been and will continue to be met.

The soil management and groundwater monitoring programs were implemented and documented, for the reporting period of 2017-2023, and compliance with the RAOs for the Site was confirmed. However, the cover system on the northern shoreline was eroded in October 2018 and repaired in July-August 2023. SMP inspections and PRRs were not completed at the required annual frequency. Groundwater sampling was completed May 2018 and August 2023, triennial sampling should have been completed in June 2021.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Visual inspections confirm that the ECs are in good condition and working properly. All ECs and ICs in place at the Site are in compliance with the SMP. Results from post-remediation groundwater monitoring indicate that remediation efforts have substantially met the remedial objectives for the Site.

The Site ECs consist of a cover system and monitoring well network. During the Site inspection, the cover system and monitoring well network was observed to be in good condition. All ECs are implemented at the Site in compliance with the SMP, and are effective in protecting human health and the environment.

Groundwater data since May 2018 document decreasing concentrations of TPH-DRO and no significant detections of VOCs or SVOCs. Based on the continuing presence of TPH-DRO, GBTS recommends that triennial sampling continue.

The services summarized in this PRR (2017-2023 reporting period) were conducted in accordance with the approved NYSDEC Brownfields Program SMP, and are considered by GBTS to satisfy the requirements set forth in the SMP. The next SMP inspection and PRR will be submitted by September 2024 and the next triennial groundwater sampling event will be conducted in September 2026.

APPENDIX A

Figures



Figure 1: Site Location Map

Long Dock Beacon Site
NYSDEC BCP Site ID: C314112
Red Flynn Drive
City of Beacon, Dutchess County, New York

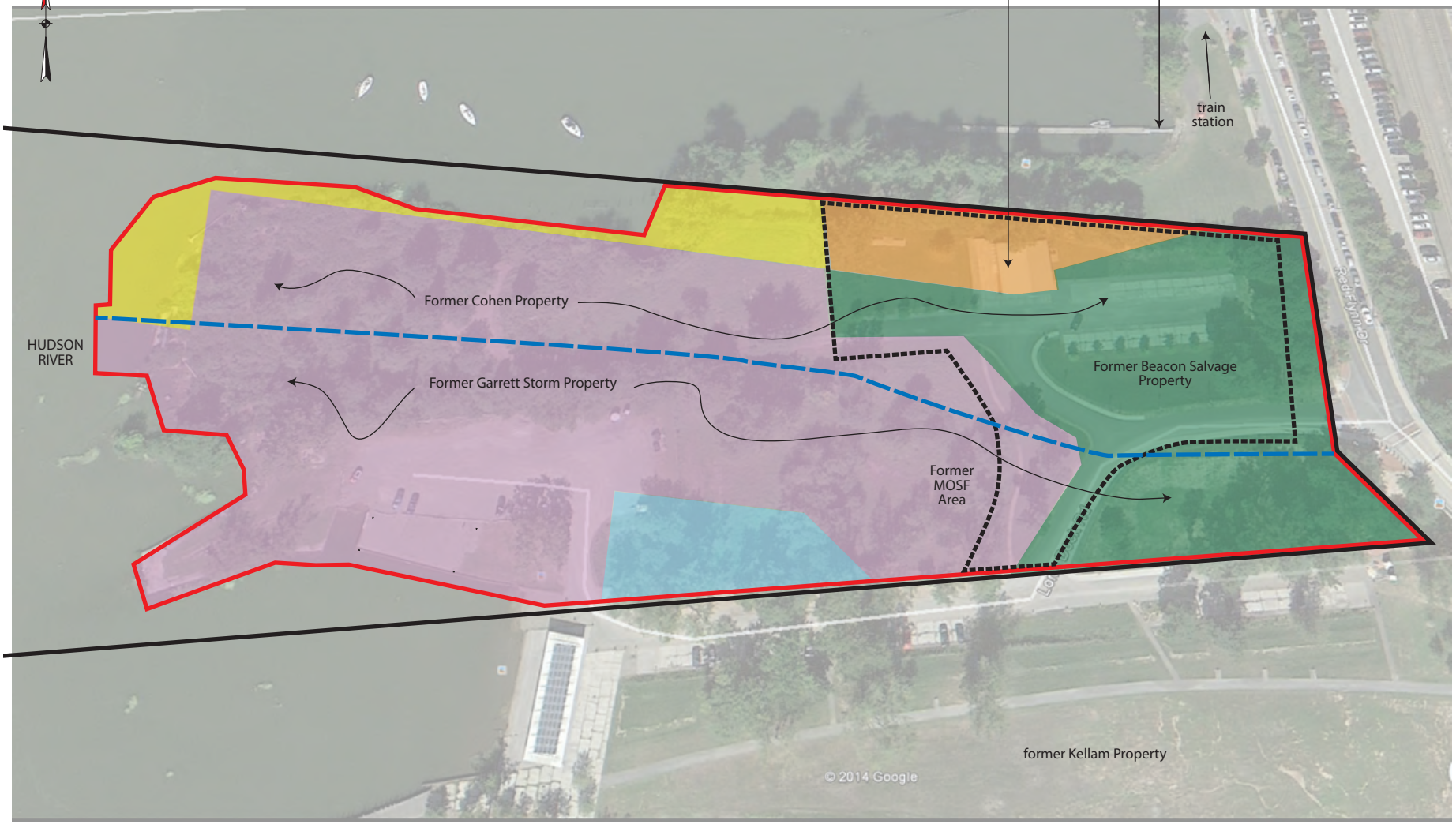
Legend:

- Site boundary
- Environmental easement boundary

File: 23003-0018
October 2023
Scale as shown
Appendix A

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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 2: Site Identification Map

Long Dock Beacon Site
NYSDEC BCP Site ID: C314112
Red Flynn Drive
City of Beacon, Dutchess County, New York

Legend:

- Site boundary
- Environmental easement boundary
- Phase I remediation area
- Former property line between Cohen Property and Garrett Storm Property
- Parcel 1 area 0.41 acres
- Parcel 2 area 3.86 acres
- Parcel 3 area 0.30 acres
- Parcel 4 area 0.33 acres
- Parcel 5 area 1.54 acres

Note: Per the Environmental Easement, Parcels 1, 2 and 3 may be used for Commercial and Industrial Uses; Parcels 4 and 5 may be used for Restricted Residential, Commercial and Industrial Uses.

File: 23003-0018

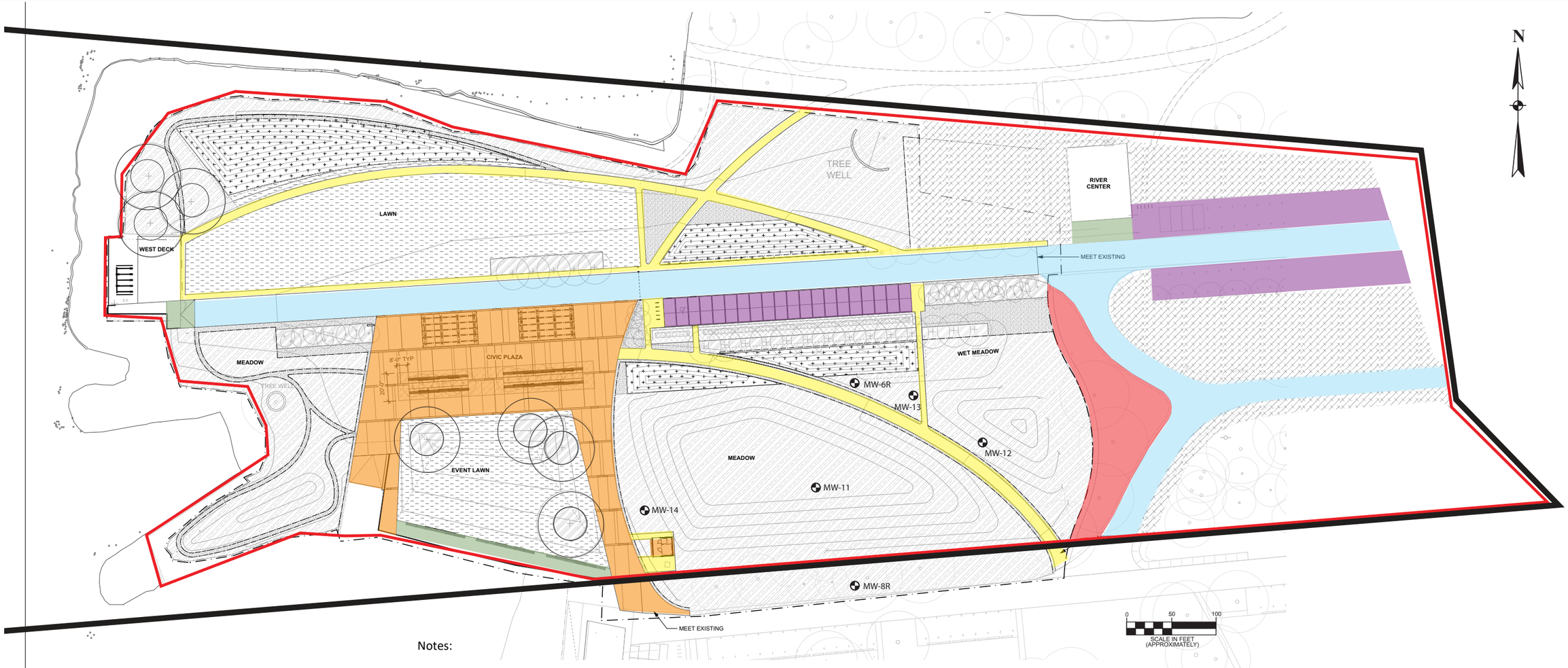
October 2023

Scale as shown

Appendix A

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SYMBOL	KEY	DESCRIPTION	DETAIL REF.	SPEC SECTION
— · —		LIMIT OF WORK		
— · · —		EXISTING SHORELINE PROTECTION		
	SP-1	SOIL PROFILE 1 - HIGH USE LAWN	1 / L7.00	329100
	SP-1B	SOIL PROFILE 1B - LAWN	2 / CSK-01	329100
	SP-2	SOIL PROFILE 2 - TREE PLANTING	2 / L7.00	329100
	SP-3	SOIL PROFILE 3 - BIORETENTION	3 / L7.00	329110
	SP-4	SOIL PROFILE 4 - STRUCTURAL PLANTING	5 / L7.00	329100
	SP-5	SOIL PROFILE 5 - MEADOW PLANTING	6 / L7.00	329100
	SP-TH	TWO HORIZON SOIL PROFILE, LAWN SOIL AT STEEP SLOPE	1 / CSK-01	329100

NOTE:
1. LIMIT HEAVY EQUIPMENT TO LIMITS OF FUTURE PATH AND DRIVE, PROTECTING NEW SOILS

Notes:

1. Soil Profile 1 – High Use Lawn (6” Soil Layer S1, 6” Soil Layer S3 over demarcation fabric)
2. Soil Profile 1B – Lawn (6” topsoil over at least 6” compacted clean fill above demarcation fabric)
3. Soil Profile 2 – Tree Planting (8” Soil Layer S1, 2’ Soil Layer S2, 6” Soil Layer S3 over existing subgrade above demarcation fabric)
4. Soil Profile 4 – Structural Fill (Varying depth Soil Layer S1, 2’ Soil Layer S2, 6” Soil Layer S3 over demarcation fabric)
5. Soil Profile 5 – Meadow Planting (at least 1” of clean fill amended with 2-3” of compost above demarcation fabric)
6. Two Horizon Soil Profile, Lawn Soil at Steep Slope (6” Soil Layer at least 6” compacted clean fill for a total minimum of 1’ above demarcation fabric)
7. Boardwalk – Three 18” square with 18” of crushed stone backfill between them above demarcation fabric.
8. West Deck – Twenty-one 30” diameter concrete footings surrounding a minimum 1’compacted crushed stone above demarcation fabric

Legend:

- Site boundary
- Environmental easement boundary
- stone dust paving
- bituminous concrete paving
- concrete paving at parking
- concrete paving
- boardwalk west deck
- monitoring well location
- unverified clean fill

Base map provided by Reed-Hilderbrand - L3.10 dated 07/31/17. 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 3: Post-Construction Institutional and Engineering Controls

Long Dock Beacon Site
NYSDEC BCP Site ID: C314112
Red Flynn Drive
City of Beacon, Dutchess County, New York

File: 23003-0018

Scale as shown

October 2023 | Appendix A

APPENDIX B

Tables

Table 1: TPH-DRO in Groundwater

NYSDEC BCP Site Number: C314112

GBTS Project: 23003-0018

Sample ID	MW-06R 20180531		MW-06R 20230811		DUP 20230811		MW-8R 20180531	
Data in µg/L (parts per billion, ppb) Date	2018-05-31		2023-08-11		2023-08-11		2018-05-31	
U= Not Detected ≥ value Dilution	1		1		1		1	
	Result	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
TPH-DRO (C10-C28)	**313**		**199**		**205**		**424**	

Sample ID	MW-08R 20230811		MW-11 20180531		MW-11 20230810		MW-12 20180531	
Data in µg/L (parts per billion, ppb) Date	2023-08-11		2018-05-31		2023-08-10		2023-05-31	
U= Not Detected ≥ value Dilution	1		1		1		1	
	Result	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
TPH-DRO (C10-C28)	**212**		103	*U*	105	*U*	**199**	

Sample ID	MW-12 20230810		MW-13 20180531		MW-13 20230811		MW-14 20180531	
Data in µg/L (parts per billion, ppb) Date	2023-08-10		2023-05-31		2023-08-11		2018-05-31	
U= Not Detected ≥ value Dilution	1		1		1		1	
	Result	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
TPH-DRO (C10-C28)	100	*U*	**475**		**113**		103	*U*

Sample ID	DUP-20180531		MW-14 20230810	
Data in µg/L (parts per billion, ppb) Date	2018-05-31		2023-08-10	
U= Not Detected ≥ value Dilution	1		1	
	Result	*Qualifier*	*Result*	*Qualifier*
TPH-DRO (C10-C28)	103	*U*	111	*U*

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Groundwater

NYSDEC BCP Site Number: C314112

GBTS Project: 23003-0018

GALLAGHER BASSETT | TECHNICAL SERVICES

	Sample ID	MW-06R 20180531		MW-06R 20230811		DUP 20230811		MW-8R 20180531		MW-08R 20230811	
Data in µg/L (parts per billion, ppb)	Date	2018-05-31		2023-08-11		2023-08-11		2018-05-31		2023-08-11	
U= Not Detected ≥ value	Dilution	1		1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	0.216	*U*	0.216	*U*	0.2	*U*	0.216	*U*
1,1,1-trichloroethane	5	0.2	*U*	0.266	*U*	0.266	*U*	0.2	*U*	0.266	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	0.256	*U*	0.256	*U*	0.2	*U*	0.256	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.286	*U*	0.286	*U*	0.2	*U*	0.286	*U*
1,1,2-trichloroethane	1	0.2	*U*	0.249	*U*	0.249	*U*	0.2	*U*	0.249	*U*
1,1-dichloroethane	5	0.2	*U*	0.272	*U*	0.272	*U*	0.2	*U*	0.272	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	0.327	*U*	0.327	*U*	0.2	*U*	0.327	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	0.222	*U*	0.222	*U*	0.2	*U*	0.222	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	0.273	*U*	0.273	*U*	0.2	*U*	0.273	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	0.138	*U*	0.138	*U*	0.2	*U*	0.138	*U*
1,2,4-trimethylbenzene	5	0.2	*U*	0.31	*U*	0.31	*U*	0.2	*U*	0.31	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	0.432	*U*	0.432	*U*	0.2	*U*	0.432	*U*
1,2-dibromoethane	5	0.2	*U*	0.215	*U*	0.215	*U*	0.2	*U*	0.215	*U*
1,2-dichlorobenzene	3	0.2	*U*	0.27	*U*	0.27	*U*	0.2	*U*	0.27	*U*
1,2-dichloroethane	0.6	0.2	*U*	0.377	*U*	0.377	*U*	0.2	*U*	0.377	*U*
1,2-dichloropropane	1	0.2	*U*	0.327	*U*	0.327	*U*	0.2	*U*	0.327	*U*
1,3,5-trimethylbenzene	5	0.2	*U*	0.347	*U*	0.347	*U*	0.2	*U*	0.347	*U*
1,3-dichlorobenzene	3	0.2	*U*	0.283	*U*	0.283	*U*	0.2	*U*	0.283	*U*
1,4-dichlorobenzene	3	0.2	*U*	0.311	*U*	0.311	*U*	0.2	*U*	0.311	*U*
1,4-dioxane	NA	40	*U*	35.3	*U*	35.3	*U*	40	*U*	35.3	*U*
2-butanone (MEK)	50	0.2	*U*	0.421	*U*	0.421	*U*	0.2	*U*	0.421	*U*
2-hexanone (MBK)	50	0.2	*U*	0.32	*U*	0.32	*U*	0.2	*U*	0.32	*U*
4-methyl-2-pentanone	NA	0.2	*U*	0.365	*U*	0.365	*U*	0.2	*U*	0.365	*U*
acetone	50	1	*U*	1.34	*U*	1.34	*U*	1	*U*	1.34	*U*
acrolein	5	0.2	*U*	0.447	*U*	0.447	*U*	0.2	*U*	0.447	*U*
acrylonitrile	5	0.2	*U*	0.422	*U*	0.422	*U*	0.2	*U*	0.422	*U*
benzene	1	0.2	*U*	0.279	*U*	0.279	*U*	0.2	*U*	0.279	*U*
bromochloromethane	5	0.2	*U*	0.354	*U*	0.354	*U*	0.2	*U*	0.354	*U*
bromodichloromethane	50	0.2	*U*	0.245	*U*	0.245	*U*	0.2	*U*	0.245	*U*
bromoform	50	0.2	*U*	0.163	*U*	0.163	*U*	0.2	*U*	0.163	*U*
bromomethane	5	0.2	*U*	0.119	*U*	0.119	*U*	0.2	*U*	0.119	*U*
carbon disulfide	NA	0.2	*U*	0.362	*U*	0.362	*U*	0.2	*U*	0.362	*U*
carbon tetrachloride	5	0.2	*U*	0.204	*U*	0.204	*U*	0.2	*U*	0.204	*U*
chlorobenzene	5	0.2	*U*	0.284	*U*	0.284	*U*	0.2	*U*	0.284	*U*
chloroethane	5	0.2	*U*	0.448	*U*	0.448	*U*	0.2	*U*	0.448	*U*
chloroform	7	0.2	*U*	0.243	*U*	0.243	*U*	0.2	*U*	0.243	*U*
chloromethane	5	0.2	*U*	0.372	*U*	0.372	*U*	0.2	*U*	0.372	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	0.294	*U*	0.294	*U*	0.2	*U*	0.294	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	0.262	*U*	0.262	*U*	0.2	*U*	0.262	*U*
cyclohexane	NA	0.2	*U*	0.491	*U*	0.491	*U*	0.2	*U*	0.491	*U*
dibromochloromethane	5	0.2	*U*	0.146	*U*	0.146	*U*	0.2	*U*	0.146	*U*
dibromomethane	5	0.2	*U*	0.203	*U*	0.203	*U*	0.2	*U*	0.203	*U*
dichlorodifluoromethane	5	0.2	*U*	0.451	*U*	0.451	*U*	0.2	*U*	0.451	*U*
ethyl benzene	5	0.2	*U*	0.29	*U*	0.29	*U*	0.2	*U*	0.29	*U*
hexachlorobutadiene	0.5	0.2	*U*	0.241	*U*	0.241	*U*	0.2	*U*	0.241	*U*
isopropylbenzene	5	0.2	*U*	0.405	*U*	0.405	*U*	0.2	*U*	0.405	*U*
methyl acetate	NA	0.2	*U*	0.442	*U*	0.442	*U*	0.2	*U*	0.442	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.244	*U*	0.244	*U*	0.2	*U*	0.244	*U*
methylcyclohexane	NA	0.2	*U*	0.477	*U*	0.477	*U*	0.2	*U*	0.477	*U*
methylene chloride	5	1	*U*	0.397	*U*	0.397	*U*	1	*U*	0.397	*U*
n-butylbenzene	5	0.2	*U*	0.399	*U*	0.399	*U*	0.2	*U*	0.399	*U*
n-propylbenzene	5	0.2	*U*	0.384	*U*	0.384	*U*	0.2	*U*	0.384	*U*
o-xylene (included in total xylenes)	5	0.2	*U*	0.261	*U*	0.261	*U*	0.2	*U*	0.261	*U*
p- & m- xylenes (included in total xylenes)	5	0.5	*U*	0.578	*U*	0.578	*U*	0.5	*U*	0.578	*U*
p-isopropyltoluene	5	0.2	*U*	0.377	*U*	0.377	*U*	0.2	*U*	0.377	*U*
sec-butylbenzene	5	0.2	*U*	0.444	*U*	0.444	*U*	0.2	*U*	0.444	*U*
styrene	5	0.2	*U*	0.255	*U*	0.255	*U*	0.2	*U*	0.255	*U*
tert-butyl alcohol (TBA)	NA	0.5	*U*	0.608	*U*	0.608	*U*	0.5	*U*	0.608	*U*
tert-butylbenzene	5	0.2	*U*	0.367	*U*	0.367	*U*	0.2	*U*	0.367	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	0.239	*U*	0.239	*U*	0.2	*U*	0.239	*U*
toluene	5	0.2	*U*	0.346	*U*	0.346	*U*	0.2	*U*	0.346	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	0.279	*U*	0.279	*U*	0.2	*U*	0.279	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	0.229	*U*	0.229	*U*	0.2	*U*	0.229	*U*
trichloroethylene (TCE)	5	0.2	*U*	0.249	*U*	0.249	*U*	0.2	*U*	0.249	*U*
trichlorofluoromethane	5	0.2	*U*	0.337	*U*	0.337	*U*	0.2	*U*	0.337	*U*
vinyl chloride (VC)	2	0.2	*U*	0.469	*U*	0.469	*U*	0.2	*U*	0.469	*U*
xylenes, total	5	0.6	*U*	0.836	*U*	0.836	*U*	0.6	*U*	0.836	*U*
TOTAL petroleum compounds		Not Detected		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL VOCs		Not Detected		Not Detected		Not Detected		Not Detected		Not Detected	

Detected concentrations
Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Groundwater

NYSDEC BCP Site Number: C314112

GBTS Project: 23003-0018

GALLAGHER BASSETT | TECHNICAL SERVICES

	Sample ID	MW-11 20180531		MW-11 20230810		MW-12 20180531		MW-12 20230810	
Data in µg/L (parts per billion, ppb)	Date	2018-05-31		2023-08-10		2018-05-31		2023-08-10	
U= Not Detected ≥ value	Dilution	1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	0.216	*U*	0.216	*U*	0.216	*U*
1,1,1-trichloroethane	5	0.2	*U*	0.266	*U*	0.266	*U*	0.266	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	0.256	*U*	0.256	*U*	0.256	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.286	*U*	0.286	*U*	0.286	*U*
1,1,2-trichloroethane	1	0.2	*U*	0.249	*U*	0.249	*U*	0.249	*U*
1,1-dichloroethane	5	0.2	*U*	0.272	*U*	0.272	*U*	0.272	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	0.327	*U*	0.327	*U*	0.327	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	0.222	*U*	0.222	*U*	0.222	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	0.273	*U*	0.273	*U*	0.273	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	0.138	*U*	0.138	*U*	0.138	*U*
1,2,4-trimethylbenzene	5	0.2	*U*	0.31	*U*	0.31	*U*	0.31	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	0.432	*U*	0.432	*U*	0.432	*U*
1,2-dibromoethane	5	0.2	*U*	0.215	*U*	0.215	*U*	0.215	*U*
1,2-dichlorobenzene	3	0.2	*U*	0.27	*U*	0.27	*U*	0.27	*U*
1,2-dichloroethane	0.6	0.2	*U*	0.377	*U*	0.377	*U*	0.377	*U*
1,2-dichloropropane	1	0.2	*U*	0.327	*U*	0.327	*U*	0.327	*U*
1,3,5-trimethylbenzene	5	0.2	*U*	0.347	*U*	0.347	*U*	0.347	*U*
1,3-dichlorobenzene	3	0.2	*U*	0.283	*U*	0.283	*U*	0.283	*U*
1,4-dichlorobenzene	3	0.2	*U*	0.311	*U*	0.311	*U*	0.311	*U*
1,4-dioxane	NA	40	*U*	35.3	*U*	35.3	*U*	35.3	*U*
2-butanone (MEK)	50	0.2	*U*	0.421	*U*	0.421	*U*	0.421	*U*
2-hexanone (MBK)	50	0.2	*U*	0.32	*U*	0.32	*U*	0.32	*U*
4-methyl-2-pentanone	NA	0.2	*U*	0.365	*U*	0.365	*U*	0.365	*U*
acetone	50	1	*U*	1.34	*U*	1.34	*U*	1.34	*U*
acrolein	5	0.2	*U*	0.447	*U*	0.447	*U*	0.447	*U*
acrylonitrile	5	0.2	*U*	0.422	*U*	0.422	*U*	0.422	*U*
benzene	1	0.2	*U*	0.279	*U*	0.279	*U*	0.279	*U*
bromochloromethane	5	0.2	*U*	0.354	*U*	0.354	*U*	0.354	*U*
bromodichloromethane	50	0.2	*U*	0.245	*U*	0.245	*U*	0.245	*U*
bromoform	50	0.2	*U*	0.163	*U*	0.163	*U*	0.163	*U*
bromomethane	5	0.2	*U*	0.119	*U*	0.119	*U*	0.119	*U*
carbon disulfide	NA	0.2	*U*	0.362	*U*	0.362	*U*	0.362	*U*
carbon tetrachloride	5	0.2	*U*	0.204	*U*	0.204	*U*	0.204	*U*
chlorobenzene	5	0.2	*U*	0.284	*U*	0.284	*U*	0.284	*U*
chloroethane	5	0.2	*U*	0.448	*U*	0.448	*U*	0.448	*U*
chloroform	7	0.2	*U*	0.243	*U*	0.243	*U*	0.243	*U*
chloromethane	5	0.2	*U*	0.372	*U*	0.372	*U*	0.372	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	0.294	*U*	0.294	*U*	0.294	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	0.262	*U*	0.262	*U*	0.262	*U*
cyclohexane	NA	0.2	*U*	0.491	*U*	0.491	*U*	0.491	*U*
dibromochloromethane	5	0.2	*U*	0.146	*U*	0.146	*U*	0.146	*U*
dibromomethane	5	0.2	*U*	0.203	*U*	0.203	*U*	0.203	*U*
dichlorodifluoromethane	5	0.2	*U*	0.451	*U*	0.451	*U*	0.451	*U*
ethyl benzene	5	0.2	*U*	0.29	*U*	0.29	*U*	0.29	*U*
hexachlorobutadiene	0.5	0.2	*U*	0.241	*U*	0.241	*U*	0.241	*U*
isopropylbenzene	5	0.2	*U*	0.405	*U*	0.405	*U*	0.405	*U*
methyl acetate	NA	0.2	*U*	0.442	*U*	0.442	*U*	0.442	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.244	*U*	0.244	*U*	0.244	*U*
methylcyclohexane	NA	0.2	*U*	0.477	*U*	0.477	*U*	0.477	*U*
methylene chloride	5	1	*U*	0.397	*U*	0.397	*U*	0.397	*U*
n-butylbenzene	5	0.2	*U*	0.399	*U*	0.399	*U*	0.399	*U*
n-propylbenzene	5	0.2	*U*	0.384	*U*	0.384	*U*	0.384	*U*
o-xylene (included in total xylenes)	5	0.2	*U*	0.261	*U*	0.261	*U*	0.261	*U*
p- & m- xylenes (included in total xylenes)	5	0.5	*U*	0.578	*U*	0.578	*U*	0.578	*U*
p-isopropyltoluene	5	0.2	*U*	0.377	*U*	0.377	*U*	0.377	*U*
sec-butylbenzene	5	0.2	*U*	0.444	*U*	0.444	*U*	0.444	*U*
styrene	5	0.2	*U*	0.255	*U*	0.255	*U*	0.255	*U*
tert-butyl alcohol (TBA)	NA	0.5	*U*	0.608	*U*	0.608	*U*	0.608	*U*
tert-butylbenzene	5	0.2	*U*	0.367	*U*	0.367	*U*	0.367	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	0.239	*U*	0.239	*U*	0.239	*U*
toluene	5	0.2	*U*	0.346	*U*	0.346	*U*	0.346	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	0.279	*U*	0.279	*U*	0.279	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	0.229	*U*	0.229	*U*	0.229	*U*
trichloroethylene (TCE)	5	0.2	*U*	0.249	*U*	0.249	*U*	0.249	*U*
trichlorofluoromethane	5	0.2	*U*	0.337	*U*	0.337	*U*	0.337	*U*
vinyl chloride (VC)	2	0.2	*U*	0.469	*U*	0.469	*U*	0.469	*U*
xylenes, total	5	0.6	*U*	0.836	*U*	0.836	*U*	0.836	*U*
TOTAL petroleum compounds		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL VOCs		Not Detected		Not Detected		Not Detected		Not Detected	

Detected concentrations
Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Groundwater

NYSDEC BCP Site Number: C314112

GBTS Project: 23003-0018

GALLAGHER BASSETT | TECHNICAL SERVICES

	Sample ID	MW-13 20180531		MW-13 20230811		MW-14 20180531		DUP 20180531		MW-14 20230810	
Data in µg/L (parts per billion, ppb)	Date	2018-05-31		2023-08-11		2023-05-31		2018-05-31		2023-08-10	
U= Not Detected ≥ value	Dilution	1		1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	U	0.216	U	0.2	U	0.2	U	0.216	U
1,1,1-trichloroethane	5	0.2	U	0.266	U	0.2	U	0.2	U	0.266	U
1,1,2,2-tetrachloroethane	5	0.2	U	0.256	U	0.2	U	0.2	U	0.256	U
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	U	0.286	U	0.2	U	0.2	U	0.286	U
1,1,2-trichloroethane	1	0.2	U	0.249	U	0.2	U	0.2	U	0.249	U
1,1-dichloroethane	5	0.2	U	0.272	U	0.2	U	0.2	U	0.272	U
1,1-dichloroethylene (1,1-DCE)	5	0.2	U	0.327	U	0.2	U	0.2	U	0.327	U
1,2,3-trichlorobenzene	5	0.2	U	0.222	U	0.2	U	0.2	U	0.222	U
1,2,3-trichloropropane	0.04	0.2	U	0.273	U	0.2	U	0.2	U	0.273	U
1,2,4-trichlorobenzene	5	0.2	U	0.138	U	0.2	U	0.2	U	0.138	U
1,2,4-trimethylbenzene	5	0.2	U	0.31	U	0.2	U	0.2	U	0.31	U
1,2-dibromo-3-chloropropane	0.04	0.2	U	0.432	U	0.2	U	0.2	U	0.432	U
1,2-dibromoethane	5	0.2	U	0.215	U	0.2	U	0.2	U	0.215	U
1,2-dichlorobenzene	3	0.2	U	0.27	U	0.2	U	0.2	U	0.27	U
1,2-dichloroethane	0.6	0.2	U	0.377	U	0.2	U	0.2	U	0.377	U
1,2-dichloropropane	1	0.2	U	0.327	U	0.2	U	0.2	U	0.327	U
1,3,5-trimethylbenzene	5	0.2	U	0.347	U	0.2	U	0.2	U	0.347	U
1,3-dichlorobenzene	3	0.2	U	0.283	U	0.2	U	0.2	U	0.283	U
1,4-dichlorobenzene	3	0.2	U	0.311	U	0.2	U	0.2	U	0.311	U
1,4-dioxane	NA	40	U	35.3	U	40	U	40	U	35.3	U
2-butanone (MEK)	50	0.2	U	0.421	U	0.2	U	0.2	U	0.421	U
2-hexanone (MBK)	50	0.2	U	0.32	U	0.2	U	0.2	U	0.32	U
4-methyl-2-pentanone	NA	0.2	U	0.365	U	0.2	U	0.2	U	0.365	U
acetone	50	1	U	1.34	U	1	U	1	U	1.34	U
acrolein	5	0.2	U	0.447	U	0.2	U	0.2	U	0.447	U
acrylonitrile	5	0.2	U	0.422	U	0.2	U	0.2	U	0.422	U
benzene	1	0.2	U	0.279	U	0.2	U	0.2	U	0.279	U
bromochloromethane	5	0.2	U	0.354	U	0.2	U	0.2	U	0.354	U
bromodichloromethane	50	0.2	U	0.245	U	0.2	U	0.2	U	0.245	U
bromoform	50	0.2	U	0.163	U	0.2	U	0.2	U	0.163	U
bromomethane	5	0.2	U	0.119	U	0.2	U	0.2	U	0.119	U
carbon disulfide	NA	0.38	J	0.362	U	0.2	U	0.2	U	0.362	U
carbon tetrachloride	5	0.2	U	0.204	U	0.2	U	0.2	U	0.204	U
chlorobenzene	5	0.2	U	0.284	U	0.2	U	0.2	U	0.284	U
chloroethane	5	0.2	U	0.448	U	0.2	U	0.2	U	0.448	U
chloroform	7	0.2	U	0.243	U	0.2	U	0.2	U	0.243	U
chloromethane	5	0.2	U	0.372	U	0.2	U	0.2	U	0.372	U
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	U	0.294	U	0.2	U	0.2	U	0.294	U
cis-1,3-dichloropropylene	0.4	0.2	U	0.262	U	0.2	U	0.2	U	0.262	U
cyclohexane	NA	0.2	U	0.491	U	0.2	U	0.2	U	0.491	U
dibromochloromethane	5	0.2	U	0.146	U	0.2	U	0.2	U	0.146	U
dibromomethane	5	0.2	U	0.203	U	0.2	U	0.2	U	0.203	U
dichlorodifluoromethane	5	0.2	U	0.451	U	0.2	U	0.2	U	0.451	U
ethyl benzene	5	0.2	U	0.29	U	0.2	U	0.2	U	0.29	U
hexachlorobutadiene	0.5	0.2	U	0.241	U	0.2	U	0.2	U	0.241	U
isopropylbenzene	5	0.2	U	0.405	U	0.2	U	0.2	U	0.405	U
methyl acetate	NA	0.2	U	0.442	U	0.2	U	0.2	U	0.442	U
methyl tert-butyl ether (MTBE)	10	0.2	U	0.244	U	0.2	U	0.2	U	0.244	U
methylcyclohexane	NA	0.2	U	0.477	U	0.2	U	0.2	U	0.477	U
methylene chloride	5	1	U	0.397	U	1	U	1	U	0.397	U
n-butylbenzene	5	0.2	U	0.399	U	0.2	U	0.2	U	0.399	U
n-propylbenzene	5	0.2	U	0.384	U	0.2	U	0.2	U	0.384	U
o-xylene (included in total xylenes)	5	0.2	U	0.261	U	0.2	U	0.2	U	0.261	U
p- & m- xylenes (included in total xylenes)	5	0.5	U	0.578	U	0.5	U	0.5	U	0.578	U
p-isopropyltoluene	5	0.2	U	0.377	U	0.2	U	0.2	U	0.377	U
sec-butylbenzene	5	0.23	J	0.444	U	0.2	U	0.2	U	0.444	U
styrene	5	0.2	U	0.255	U	0.2	U	0.2	U	0.255	U
tert-butyl alcohol (TBA)	NA	0.5	U	0.608	U	0.5	U	0.5	U	0.608	U
tert-butylbenzene	5	0.2	U	0.367	U	0.2	U	0.2	U	0.367	U
tetrachloroethylene (PCE)	5	0.2	U	0.239	U	0.2	U	0.2	U	0.239	U
toluene	5	0.2	U	0.346	U	0.2	U	0.2	U	0.346	U
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	U	0.279	U	0.2	U	0.2	U	0.279	U
trans-1,3-dichloropropylene	0.4	0.2	U	0.229	U	0.2	U	0.2	U	0.229	U
trichloroethylene (TCE)	5	0.2	U	0.249	U	0.2	U	0.2	U	0.249	U
trichlorofluoromethane	5	0.2	U	0.337	U	0.2	U	0.2	U	0.337	U
vinyl chloride (VC)	2	0.2	U	0.469	U	0.2	U	0.2	U	0.469	U
xylenes, total	5	0.6	U	0.836	U	0.6	U	0.6	U	0.836	U
TOTAL petroleum compounds		0.23		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL VOCs		0.61		Not Detected		Not Detected		Not Detected		Not Detected	

Detected concentrations
Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Groundwater

NYSDEC BCP Site Number: C314112

GBTS Project: 23003-0018

	Sample ID	TB 20180531		TB-01 20230810		TB-02 20230811	
Data in µg/L (parts per billion, ppb)	Date	2018-05-31		2023-08-10		2023-08-11	
U= Not Detected ≥ value	Dilution	1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	U	0.216	U	0.216	U
1,1,1-trichloroethane	5	0.2	U	0.266	U	0.266	U
1,1,2,2-tetrachloroethane	5	0.2	U	0.256	U	0.256	U
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	U	0.286	U	0.286	U
1,1,2-trichloroethane	1	0.2	U	0.249	U	0.249	U
1,1-dichloroethane	5	0.2	U	0.272	U	0.272	U
1,1-dichloroethylene (1,1-DCE)	5	0.2	U	0.327	U	0.327	U
1,2,3-trichlorobenzene	5	0.2	U	0.222	U	0.222	U
1,2,3-trichloropropane	0.04	0.2	U	0.273	U	0.273	U
1,2,4-trichlorobenzene	5	0.2	U	0.138	U	0.138	U
1,2,4-trimethylbenzene	5	0.2	U	0.31	U	0.31	U
1,2-dibromo-3-chloropropane	0.04	0.2	U	0.432	U	0.432	U
1,2-dibromoethane	5	0.2	U	0.215	U	0.215	U
1,2-dichlorobenzene	3	0.2	U	0.27	U	0.27	U
1,2-dichloroethane	0.6	0.2	U	0.377	U	0.377	U
1,2-dichloropropane	1	0.2	U	0.327	U	0.327	U
1,3,5-trimethylbenzene	5	0.2	U	0.347	U	0.347	U
1,3-dichlorobenzene	3	0.2	U	0.283	U	0.283	U
1,4-dichlorobenzene	3	0.2	U	0.311	U	0.311	U
1,4-dioxane	NA	40	U	35.3	U	35.3	U
2-butanone (MEK)	50	0.2	U	0.421	U	0.421	U
2-hexanone (MBK)	50	0.2	U	0.32	U	0.32	U
4-methyl-2-pentanone	NA	0.2	U	0.365	U	0.365	U
acetone	50	1	U	1.76	J	1.73	J
acrolein	5	0.2	U	0.447	U	0.447	U
acrylonitrile	5	0.2	U	0.422	U	0.422	U
benzene	1	0.2	U	0.279	U	0.279	U
bromochloromethane	5	0.2	U	0.354	U	0.354	U
bromodichloromethane	50	0.2	U	0.245	U	0.245	U
bromoform	50	0.2	U	0.163	U	0.163	U
bromomethane	5	0.2	U	0.119	U	0.119	U
carbon disulfide	NA	0.2	U	0.362	U	0.362	U
carbon tetrachloride	5	0.2	U	0.204	U	0.204	U
chlorobenzene	5	0.2	U	0.284	U	0.284	U
chloroethane	5	0.2	U	0.448	U	0.448	U
chloroform	7	0.2	U	0.243	U	0.243	U
chloromethane	5	0.2	U	0.372	U	0.372	U
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	U	0.294	U	0.294	U
cis-1,3-dichloropropylene	0.4	0.2	U	0.262	U	0.262	U
cyclohexane	NA	0.2	U	0.491	U	0.491	U
dibromochloromethane	5	0.2	U	0.146	U	0.146	U
dibromomethane	5	0.2	U	0.203	U	0.203	U
dichlorodifluoromethane	5	0.2	U	0.451	U	0.451	U
ethyl benzene	5	0.2	U	0.29	U	0.29	U
hexachlorobutadiene	0.5	0.2	U	0.241	U	0.241	U
isopropylbenzene	5	0.2	U	0.405	U	0.405	U
methyl acetate	NA	0.2	U	0.442	U	0.442	U
methyl tert-butyl ether (MTBE)	10	0.2	U	0.244	U	0.244	U
methylcyclohexane	NA	0.2	U	0.477	U	0.477	U
methylene chloride	5	1	U	0.4	J	0.41	J
n-butylbenzene	5	0.2	U	0.399	U	0.399	U
n-propylbenzene	5	0.2	U	0.384	U	0.384	U
o-xylene (included in total xylenes)	5	0.2	U	0.261	U	0.261	U
p- & m- xylenes (included in total xylenes)	5	0.5	U	0.578	U	0.578	U
p-isopropyltoluene	5	0.2	U	0.377	U	0.377	U
sec-butylbenzene	5	0.2	U	0.444	U	0.444	U
styrene	5	0.2	U	0.255	U	0.255	U
tert-butyl alcohol (TBA)	NA	0.5	U	0.608	U	0.608	U
tert-butylbenzene	5	0.2	U	0.367	U	0.367	U
tetrachloroethylene (PCE)	5	0.2	U	0.239	U	0.239	U
toluene	5	0.2	U	0.346	U	0.346	U
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	U	0.279	U	0.279	U
trans-1,3-dichloropropylene	0.4	0.2	U	0.229	U	0.229	U
trichloroethylene (TCE)	5	0.2	U	0.249	U	0.249	U
trichlorofluoromethane	5	0.2	U	0.337	U	0.337	U
vinyl chloride (VC)	2	0.2	U	0.469	U	0.469	U
xylenes, total	5	0.6	U	0.836	U	0.836	U
TOTAL petroleum compounds		Not Detected		Not Detected		Not Detected	
TOTAL VOCs		Not Detected		2.16		2.14	

Detected concentrations
Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Groundwater

NYSDEC BCP Site Number: C314112

GBTS Project: 23003-0018

GALLAGHER BASSETT | TECHNICAL SERVICES

	Sample ID	MW-06R 20180531		MW-06R 20230811		DUP 20230811		MW-8R 20180531		MW-08R 20230811	
Data in µg/L (parts per billion, ppb)	Date	2018-05-31		2023-08-11		2023-08-11		2018-05-31		2023-08-11	
U= Not Detected ≥ value	Dilution	1		1		1		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1-biphenyl	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
1,2,4,5-tetrachlorobenzene	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
1,2,4-trichlorobenzene	5	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
1,2-dichlorobenzene	3	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
1,2-diphenylhydrazine (azobenzene)	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
1,3-dichlorobenzene	3	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
1,4-dichlorobenzene	3	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
2,3,4,6-tetrachlorophenol	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
2,4,5-trichlorophenol	1	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
2,4,6-trichlorophenol	1	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
2,4-dichlorophenol	5	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
2,4-dimethylphenol	50	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
2,4-dinitrophenol	10	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
2,4-dinitrotoluene	5	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
2,6-dinitrotoluene	5	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
2-chloronaphthalene	10	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
2-chlorophenol	1	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
2-methylnaphthalene	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
2-methylphenol	1	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
2-nitroaniline	5	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
2-nitrophenol	1	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
3- & 4-methylphenols	1	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
3,3-dichlorobenzidine	5	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
3-nitroaniline	5	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
4,6-dinitro-2-methylphenol	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
4-bromophenyl phenyl ether	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
4-chloro-3-methylphenol	1	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
4-chloroaniline	5	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
4-chlorophenyl phenyl ether	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
4-nitroaniline	5	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
4-nitrophenol	1	2.56	*U*	5	*U*	5	*U*	2.56	*U*	5	*U*
acenaphthene	20	0.954		0.7		0.768		0.554		0.96	
acenaphthylene	NA	0.0923		0.05		0.0526	*U*	0.113		0.06	
acetophenone	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
aniline	5	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
anthracene	50	0.0615		0.05	*U*	0.0526		0.103		0.05	*U*
atrazine	NA	0.513	*U*	0.5	*U*	0.526	*U*	0.513	*U*	0.5	*U*
benzaldehyde	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
benzidine	NA	10.3	*U*	5	*U*	5	*U*	10.3	*U*	5	*U*
benzo(a)anthracene	0.002	0.0513	*U*	0.05	*U*	0.0526	*U*	0.0513	*U*	0.05	*U*
benzo(a)pyrene	0.002	0.0513	*U*	0.05	*U*	0.0526	*U*	0.0513	*U*	0.05	*U*
benzo(b)fluoranthene	0.002	0.0513	*U*	0.05	*U*	0.0526	*U*	0.0513	*U*	0.05	*U*
benzo(g,h,i)perylene	~	0.0513	*U*	0.05	*U*	0.0526	*U*	0.0513	*U*	0.05	*U*
benzo(k)fluoranthene	0.002	0.0513	*U*	0.05	*U*	0.0526	*U*	0.0513	*U*	0.05	*U*
benzoic acid	NA	25.6	*U*	2.5	*U*	2.5	*U*	25.6	*U*	2.5	*U*
benzyl alcohol	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
benzyl butyl phthalate	50	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
bis(2-chloroethoxy)methane	5	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
bis(2-chloroethyl)ether	1	2.56	*U*	1	*U*	1	*U*	2.56	*U*	1	*U*
bis(2-chloroisopropyl)ether	5	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
bis(2-ethylhexyl)phthalate	5	0.513	*U*	0.75	*B*	0.695	*B*	0.513	*U*	1.01	*B*
caprolactam	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
carbazole	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
chrysene	0.002	0.0513	*U*	0.05	*U*	0.0526	*U*	0.0513	*U*	0.05	*U*
dibenzo(a,h)anthracene	NA	0.0513	*U*	0.05	*U*	0.0526	*U*	0.0513	*U*	0.05	*U*
dibenzofuran	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
diethyl phthalate	50	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
dimethyl phthalate	50	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
di-n-butyl phthalate	50	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
di-n-octyl phthalate	50	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
fluoranthene	50	0.0513	*U*	0.05	*U*	0.0526	*U*	0.0513	*U*	0.05	*U*
fluorene	50	0.236		0.05	*U*	0.0526	*U*	0.677		0.12	
hexachlorobenzene	0.04	0.0205	*U*	0.02	*U*	0.0211	*U*	0.0205	*U*	0.02	*U*
hexachlorobutadiene	0.5	0.513	*U*	0.5	*U*	0.526	*U*	0.513	*U*	0.5	*U*
hexachlorocyclopentadiene	5	2.56	*U*	5	*U*	5	*U*	2.56	*U*	5	*U*
hexachloroethane	5	0.513	*U*	0.5	*U*	0.526	*U*	0.513	*U*	0.5	*U*
indeno(1,2,3-cd)pyrene	0.002	0.0513	*U*	0.05	*U*	0.0526	*U*	0.0513	*U*	0.05	*U*
isophorone	50	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
naphthalene	10	0.0513	*U*	0.06	*B*	0.0526		0.0513		0.07	*B*
nitrobenzene	0.4	0.256	*U*	0.25	*U*	0.263	*U*	0.256	*U*	0.25	*U*
n-nitrosodimethylamine	NA	0.513	*U*	0.5	*U*	0.526	*U*	0.513	*U*	0.5	*U*
n-nitroso-di-n-propylamine	NA	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
n-nitrosodiphenylamine	50	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
pentachlorophenol	1	0.256	*U*	0.25	*U*	0.263	*U*	0.256	*U*	0.25	*U*
phenanthrene	50	0.0718		0.05		0.0842		0.0513	*U*	0.05	
phenol	1	2.56	*U*	2.5	*U*	2.5	*U*	2.56	*U*	2.5	*U*
pyrene	50	0.0513	*U*	0.05	*U*	0.0526	*U*	0.0513	*U*	0.05	*U*
Total SVOCs		1.4		1.6		1.7		1.5		2.3	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Groundwater

NYSDEC BCP Site Number: C314112

GBTS Project: 23003-0018

GALLAGHER BASSETT | TECHNICAL SERVICES

	Sample ID	MW-11 20180531		MW-11 20230810		MW-12 20180531		MW-12 20230810		MW-13 20180531	
Data in µg/L (parts per billion, ppb)	Date	2018-05-31		2023-08-10		2018-05-31		2023-08-10		2018-05-31	
U= Not Detected ≥ value	Dilution	1		1		1		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1-biphenyl	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
1,2,4,5-tetrachlorobenzene	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
1,2,4-trichlorobenzene	5	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
1,2-dichlorobenzene	3	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
1,2-diphenylhydrazine (azobenzene)	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
1,3-dichlorobenzene	3	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
1,4-dichlorobenzene	3	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
2,3,4,6-tetrachlorophenol	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
2,4,5-trichlorophenol	1	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
2,4,6-trichlorophenol	1	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
2,4-dichlorophenol	5	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
2,4-dimethylphenol	50	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
2,4-dinitrophenol	10	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
2,4-dinitrotoluene	5	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
2,6-dinitrotoluene	5	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
2-chloronaphthalene	10	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
2-chlorophenol	1	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
2-methylnaphthalene	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
2-methylphenol	1	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
2-nitroaniline	5	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
2-nitrophenol	1	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
3- & 4-methylphenols	1	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
3,3-dichlorobenzidine	5	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
3-nitroaniline	5	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
4,6-dinitro-2-methylphenol	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
4-bromophenyl phenyl ether	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
4-chloro-3-methylphenol	1	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
4-chloroaniline	5	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
4-chlorophenyl phenyl ether	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
4-nitroaniline	5	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
4-nitrophenol	1	2.56	*U*	5	*U*	2.56	*U*	5	*U*	2.56	*U*
acenaphthene	20	0.0513	*U*	0.115		0.0513	*U*	0.135		0.687	
acenaphthylene	NA	0.0513	*U*	0.0521	*U*	0.0513	*U*	0.0521	*U*	0.0923	
acetophenone	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
aniline	5	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
anthracene	50	0.0513	*U*	0.0521	*U*	0.0513	*U*	0.0521	*U*	0.133	
atrazine	NA	0.513	*U*	0.521	*U*	0.513	*U*	0.521	*U*	0.513	*U*
benzaldehyde	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
benzidine	NA	10.3	*U*	5	*U*	10.3	*U*	5	*U*	10.3	*U*
benzo(a)anthracene	0.002	0.0513	*U*	0.0521	*U*	0.0513	*U*	0.0521	*U*	0.0513	*U*
benzo(a)pyrene	0.002	0.0513	*U*	0.0521	*U*	0.0513	*U*	0.0521	*U*	0.0513	*U*
benzo(b)fluoranthene	0.002	0.0513	*U*	0.0521	*U*	0.0513	*U*	0.0521	*U*	0.0513	*U*
benzo(g,h,i)perylene	~	0.0513	*U*	0.0521	*U*	0.0513	*U*	0.0521	*U*	0.0513	*U*
benzo(k)fluoranthene	0.002	0.0513	*U*	0.0521	*U*	0.0513	*U*	0.0521	*U*	0.0513	*U*
benzoic acid	NA	25.6	*U*	2.5	*U*	25.6	*U*	2.5	*U*	25.6	*U*
benzyl alcohol	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
benzyl butyl phthalate	50	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
bis(2-chloroethoxy)methane	5	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
bis(2-chloroethyl)ether	1	2.56	*U*	1	*U*	2.56	*U*	1	*U*	2.56	*U*
bis(2-chloroisopropyl)ether	5	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
bis(2-ethylhexyl)phthalate	5	0.513	*U*	0.854	*B*	0.513	*U*	1.07	*B*	0.513	*U*
caprolactam	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
carbazole	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
chrysene	0.002	0.0513	*U*	0.0521	*U*	0.0513	*U*	0.0521	*U*	0.0513	*U*
dibenzo(a,h)anthracene	NA	0.0513	*U*	0.0521	*U*	0.0513	*U*	0.0521	*U*	0.0513	*U*
dibenzofuran	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
diethyl phthalate	50	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
dimethyl phthalate	50	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
di-n-butyl phthalate	50	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
di-n-octyl phthalate	50	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
fluoranthene	50	0.0513	*U*	0.0521	*U*	0.0513	*U*	0.0521	*U*	0.0513	
fluorene	50	0.0923		0.0729		0.0513		0.0521	*U*	0.267	
hexachlorobenzene	0.04	0.0205	*U*	0.0208	*U*	0.0205	*U*	0.0208	*U*	0.0205	*U*
hexachlorobutadiene	0.5	0.513	*U*	0.521	*U*	0.513	*U*	0.521	*U*	0.513	*U*
hexachlorocyclopentadiene	5	2.56	*U*	5	*U*	2.56	*U*	5	*U*	2.56	*U*
hexachloroethane	5	0.513	*U*	0.521	*U*	0.513	*U*	0.521	*U*	0.513	*U*
indeno(1,2,3-cd)pyrene	0.002	0.0513	*U*	0.0521	*U*	0.0513	*U*	0.0521	*U*	0.0513	*U*
isophorone	50	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
naphthalene	10	0.0513	*U*	0.0521	*U*	0.0513	*U*	0.0521	*U*	0.0513	*U*
nitrobenzene	0.4	0.256	*U*	0.26	*U*	0.256	*U*	0.26	*U*	0.256	*U*
n-nitrosodimethylamine	NA	0.513	*U*	0.521	*U*	0.513	*U*	0.521	*U*	0.513	*U*
n-nitroso-di-n-propylamine	NA	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
n-nitrosodiphenylamine	50	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
pentachlorophenol	1	0.256	*U*	0.26	*U*	0.256	*U*	0.26	*U*	0.256	*U*
phenanthrene	50	0.0513	*U*	0.0521	*U*	0.0513	*U*	0.0521	*U*	0.0615	
phenol	1	2.56	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.56	*U*
pyrene	50	0.0513	*U*	0.0521	*U*	0.0513	*U*	0.0625		0.0615	
Total SVOCs		0.1		1.0		0.1		1.3		1.4	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Groundwater

NYSDEC BCP Site Number: C314112

GBTS Project: 23003-0018

GALLAGHER BASSETT | TECHNICAL SERVICES

	Sample ID	MW-13 20230811		MW-14 20180531		MW-14 20230810	
Data in µg/L (parts per billion, ppb)	Date	2023-08-11		2018-05-31		2023-08-10	
U= Not Detected ≥ value	Dilution	1		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1-biphenyl	NA	2.5	*U*	2.56	*U*	2.5	*U*
1,2,4,5-tetrachlorobenzene	NA	2.5	*U*	2.56	*U*	2.5	*U*
1,2,4-trichlorobenzene	5	2.5	*U*	2.56	*U*	2.5	*U*
1,2-dichlorobenzene	3	2.5	*U*	2.56	*U*	2.5	*U*
1,2-diphenylhydrazine (azobenzene)	NA	2.5	*U*	2.56	*U*	2.5	*U*
1,3-dichlorobenzene	3	2.5	*U*	2.56	*U*	2.5	*U*
1,4-dichlorobenzene	3	2.5	*U*	2.56	*U*	2.5	*U*
2,3,4,6-tetrachlorophenol	NA	2.5	*U*	2.56	*U*	2.5	*U*
2,4,5-trichlorophenol	1	2.5	*U*	2.56	*U*	2.5	*U*
2,4,6-trichlorophenol	1	2.5	*U*	2.56	*U*	2.5	*U*
2,4-dichlorophenol	5	2.5	*U*	2.56	*U*	2.5	*U*
2,4-dimethylphenol	50	2.5	*U*	2.56	*U*	2.5	*U*
2,4-dinitrophenol	10	2.5	*U*	2.56	*U*	2.5	*U*
2,4-dinitrotoluene	5	2.5	*U*	2.56	*U*	2.5	*U*
2,6-dinitrotoluene	5	2.5	*U*	2.56	*U*	2.5	*U*
2-chloronaphthalene	10	2.5	*U*	2.56	*U*	2.5	*U*
2-chlorophenol	1	2.5	*U*	2.56	*U*	2.5	*U*
2-methylnaphthalene	NA	2.5	*U*	2.56	*U*	2.5	*U*
2-methylphenol	1	2.5	*U*	2.56	*U*	2.5	*U*
2-nitroaniline	5	2.5	*U*	2.56	*U*	2.5	*U*
2-nitrophenol	1	2.5	*U*	2.56	*U*	2.5	*U*
3- & 4-methylphenols	1	2.5	*U*	2.56	*U*	2.5	*U*
3,3-dichlorobenzidine	5	2.5	*U*	2.56	*U*	2.5	*U*
3-nitroaniline	5	2.5	*U*	2.56	*U*	2.5	*U*
4,6-dinitro-2-methylphenol	NA	2.5	*U*	2.56	*U*	2.5	*U*
4-bromophenyl phenyl ether	NA	2.5	*U*	2.56	*U*	2.5	*U*
4-chloro-3-methylphenol	1	2.5	*U*	2.56	*U*	2.5	*U*
4-chloroaniline	5	2.5	*U*	2.56	*U*	2.5	*U*
4-chlorophenyl phenyl ether	NA	2.5	*U*	2.56	*U*	2.5	*U*
4-nitroaniline	5	2.5	*U*	2.56	*U*	2.5	*U*
4-nitrophenol	1	5	*U*	2.56	*U*	5	*U*
acenaphthene	20	0.68		0.0513	*U*	0.05	*U*
acenaphthylene	NA	0.05	*U*	0.0513	*U*	0.05	*U*
acetophenone	NA	2.5	*U*	2.56	*U*	2.5	*U*
aniline	5	2.5	*U*	2.56	*U*	2.5	*U*
anthracene	50	0.05		0.0513	*U*	0.05	*U*
atrazine	NA	0.5	*U*	0.513	*U*	0.5	*U*
benzaldehyde	NA	2.5	*U*	2.56	*U*	2.5	*U*
benzidine	NA	5	*U*	10.3	*U*	5	*U*
benzo(a)anthracene	0.002	0.05	*U*	0.0513	*U*	0.05	*U*
benzo(a)pyrene	0.002	0.05	*U*	0.0513	*U*	0.05	*U*
benzo(b)fluoranthene	0.002	0.05	*U*	0.0513	*U*	0.05	*U*
benzo(g,h,i)perylene	~	0.05	*U*	0.0513	*U*	0.05	*U*
benzo(k)fluoranthene	0.002	0.05	*U*	0.0513	*U*	0.05	*U*
benzoic acid	NA	2.5	*U*	25.6	*U*	2.5	*U*
benzyl alcohol	NA	2.5	*U*	2.56	*U*	2.5	*U*
benzyl butyl phthalate	50	2.5	*U*	2.56	*U*	2.5	*U*
bis(2-chloroethoxy)methane	5	2.5	*U*	2.56	*U*	2.5	*U*
bis(2-chloroethyl)ether	1	1	*U*	2.56	*U*	1	*U*
bis(2-chloroisopropyl)ether	5	2.5	*U*	2.56	*U*	2.5	*U*
bis(2-ethylhexyl)phthalate	5	1.77	*B*	0.513	*U*	0.99	*B*
caprolactam	NA	2.5	*U*	2.56	*U*	2.5	*U*
carbazole	NA	2.5	*U*	2.56	*U*	2.5	*U*
chrysene	0.002	0.05	*U*	0.0513	*U*	0.05	*U*
dibenzo(a,h)anthracene	NA	0.05	*U*	0.0513	*U*	0.05	*U*
dibenzofuran	NA	2.5	*U*	2.56	*U*	2.5	*U*
diethyl phthalate	50	2.5	*U*	2.56	*U*	2.5	*U*
dimethyl phthalate	50	2.5	*U*	2.56	*U*	2.5	*U*
di-n-butyl phthalate	50	2.5	*U*	2.56	*U*	2.5	*U*
di-n-octyl phthalate	50	2.5	*U*	2.56	*U*	2.5	*U*
fluoranthene	50	0.11		0.0513	*U*	0.05	*U*
fluorene	50	0.07		0.0513	*U*	0.3	
hexachlorobenzene	0.04	0.02	*U*	0.0205	*U*	0.02	*U*
hexachlorobutadiene	0.5	0.5	*U*	0.513	*U*	0.5	*U*
hexachlorocyclopentadiene	5	5	*U*	2.56	*U*	5	*U*
hexachloroethane	5	0.5	*U*	0.513	*U*	0.5	*U*
indeno(1,2,3-cd)pyrene	0.002	0.05	*U*	0.0513	*U*	0.05	*U*
isophorone	50	2.5	*U*	2.56	*U*	2.5	*U*
naphthalene	10	0.07	*B*	0.0513	*U*	0.05	*U*
nitrobenzene	0.4	0.25	*U*	0.256	*U*	0.25	*U*
n-nitrosodimethylamine	NA	0.5	*U*	0.513	*U*	0.5	*U*
n-nitroso-di-n-propylamine	NA	2.5	*U*	2.56	*U*	2.5	*U*
n-nitrosodiphenylamine	50	2.5	*U*	2.56	*U*	2.5	*U*
pentachlorophenol	1	0.25	*U*	0.256	*U*	0.25	*U*
phenanthrene	50	0.08		0.0513	*U*	0.05	*U*
phenol	1	2.5	*U*	2.56	*U*	2.5	*U*
pyrene	50	0.11		0.0513	*U*	0.05	*U*
Total SVOCs		2.9		0.0		1.3	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: VOC Tentatively Identified Compounds (TICs)
NYSDEC BCP Site ID #: C314112
GBTS File #: 23003-0018

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb) / **Sample ID**	**MW-06R 20180531**		**MW-06R 20230811**		**DUP-20230811**		**MW-08R 202305031**		**MW-08R 20230811**	
ND = not detected, J = estimated / Sample Date	5/31/2018		8/11/2023		8/11/2023		5/31/2018		8/11/2023	
D = diluted, N = tenative ID / Dilution Factor	1		1		1		1		1	
VOCs, 8260	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
Tentatively Identified Compounds	0	U	0	U	0	U	0	U	0	U
Unknown hydrocarbon rt 12.723	NT		NT		NT		NT		1.3	J
Unknown acidic isomer	NT		NT		NT		NT		NT	
Unknown aromatic #1	NT		NT		NT		NT		NT	
Unknown aromatic #2	NT		NT		NT		NT		NT	
Unknown aromatic #1	3.700	JN	NT		NT		9.400	JN	NT	
Unknown aromatic #2	1.200	JN	NT		NT		4.800	JN	NT	
TOTAL TICs	**4.9**		**0.0**		**0.0**		**14.2**		**1.3**	

Sample ID	**MW-11 20180531**		**MW-11 20230810**		**MW-12 20180531**		**MW-12 20230810**		**MW-13 20180531**	
Sample Date	5/31/2018		8/10/2023		5/31/2018		8/10/2023		5/31/2018	
Dilution Factor	1		1		1		1		1	
VOCs, 8260	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
Tentatively Identified Compounds	0	U	0	U	0	U	0	U	0	U
Unknown hydrocarbon rt 12.723	NT		NT		NT		NT		NT	
Unknown acidic isomer	NT		NT		NT		NT		1.500	JN
Unknown aromatic #1	NT		NT		NT		NT		5.800	JN
Unknown aromatic #2	NT		NT		NT		NT		1	JN
Unknown aromatic #1	5.300	JN	NT		NT		NT		NT	
Unknown aromatic #2	NT		NT		NT		NT		NT	
TOTAL TICs	**5.3**		**0.0**		**0.0**		**0.0**		**8.3**	

Sample ID	**MW-13 202030811**		**MW-14 20230531**		**DUP-20180531**		**MW-14 20230810**	
Sample Date	8/11/2023		5/31/2018		5/31/2018		8/10/2023	
Dilution Factor	1		1		1		1	
VOCs, 8260	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
Tentatively Identified Compounds	0	U	0	U	0	U	0	U
Unknown hydrocarbon rt 12.723	NT		NT		NT		NT	
Unknown acidic isomer	NT		NT		NT		NT	
Unknown aromatic #1	NT		NT		NT		NT	
Unknown aromatic #2	NT		NT		NT		NT	
Unknown aromatic #1	NT		NT		NT		NT	
Unknown aromatic #2	NT		NT		NT		NT	
TOTAL TICs	**0.0**		**0.0**		**0.0**		**0.0**	

Table 5: SVOC Tentatively Identified Compounds (TICs)
NYSDEC BCP Site ID #: C314112
GBTS File #: 23003-0018

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All data in µg/L (parts per billion, ppb) / Sample ID	MW-06R 20180531		MW-06R 20230811		DUP-20230811		MW-08R 202305031		MW-08R 20230811	
ND = not detected, J = estimated / Sample Date	5/31/2018		8/11/2023		8/11/2023		5/31/2018		8/11/2023	
D = diluted, N = tenative ID / Dilution Factor	1		1		1		1		1	
SVOCs, 8270	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
Tentatively Identified Compounds	0	U	0	U	NT		0	U	0	U
Hexadecanoic Acid RT 11.1	NT		NT		11	JN	NT		NT	
Sulfur RT 11.4	NT		NT		16.7	JN	NT		NT	
Sulfur RT 11.5	NT		NT		17.2	JN	NT		NT	
Sulfur RT 11.7	NT		NT		33.8	JN	NT		NT	
Sulfur RT 12.1 (01)	NT		NT		72.2	JN	NT		NT	
Sulfur RT 12.1 (02)	NT		NT		11.700	JN	NT		NT	
Sulfur RT 12.3	NT		NT		16.200	JN	NT		NT	
Sulfur RT 12.5	NT		NT		NT		NT		NT	
Sulfur RT 12.6	NT		NT		42.900	JN	NT		NT	
Unknown Fatty Acid RT 10.7	NT		NT		NT		NT		NT	
TOTAL TICs	**0.0**		**0.0**		**222.0**		**0.0**		**0.0**	

Sample ID	MW-11 20180531		MW-11 20230810		MW-12 20180531		MW-12 20230810		MW-13 20180531	
Sample Date	5/31/2018		8/10/2023		5/31/2018		8/10/2023		5/31/2018	
Dilution Factor	1		1		1		1		1	
VOCs, 8260	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
Tentatively Identified Compounds	0	U	NT		0	U	NT		0	U
Hexadecanoic Acid RT 11.1	NT		NT		NT		NT		NT	
Sulfur RT 11.4	NT		NT		NT		NT		NT	
Sulfur RT 11.5	NT		NT		NT		NT		NT	
Sulfur RT 11.7	NT		NT		NT		NT		NT	
Sulfur RT 12.1 (01)	NT		NT		NT		NT		NT	
Sulfur RT 12.1 (02)	NT		NT		NT		NT		NT	
Sulfur RT 12.3	NT		NT		NT		NT		NT	
Sulfur RT 12.5	NT		13.2	JN	NT		18.1	JN	NT	
Sulfur RT 12.6	NT		NT		NT		NT		NT	
Unknown Fatty Acid RT 10.7	NT		NT		NT		NT		NT	
TOTAL TICs	**0.0**		**13.2**		**0.0**		**18.1**		**0.0**	

Sample ID	MW-13 202030811		MW-14 20230531		DUP-20180531		MW-14 20230810	
Sample Date	8/11/2023		5/31/2018		5/31/2018		8/10/2023	
Dilution Factor	1		1		1		1	
VOCs, 8260	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
Tentatively Identified Compounds	NT		0	U	0	U	0	U
Hexadecanoic Acid RT 11.1	NT		NT		NT		NT	
Sulfur RT 11.4	NT		NT		NT		NT	
Sulfur RT 11.5	NT		NT		NT		NT	
Sulfur RT 11.7	NT		NT		NT		NT	
Sulfur RT 12.1 (01)	NT		NT		NT		NT	
Sulfur RT 12.1 (02)	NT		NT		NT		NT	
Sulfur RT 12.3	NT		NT		NT		NT	
Sulfur RT 12.5	NT		NT		NT		NT	
Sulfur RT 12.6	NT		NT		NT		NT	
Unknown Fatty Acid RT 10.7	12.1	J	NT		NT		NT	
TOTAL TICs	**12.1**		**0.0**		**0.0**		**0.0**	

APPENDIX C

Site-wide Inspection and Engineering Controls Certification Form

ANNUAL SITE-WIDE INSPECTION FORM

Long Dock Beacon Site (NYSDEC Site # C314112)

25 Long Dock Road, Beacon, NY 12508

Inspection Date:	11-Aug-23
Weather:	80, sunny
Inspector Name:	C. Clark
Company Name:	GBTS
Telephone:	845-867-4721

Groundwater Monitoring System	Yes	No (Describe Deficiency	Not Applicable	Describe Corrective Action Performed	Describe Corrective Action Required
Are the treatment area wells monitoring wells (MW-06R, MW-11, MW-12, and MW-13) usable and in good integrity?	x				
Is the downgradient monitoring well (MW-08R) usable and in good integrity?	x				
Is new monitoring well (MW-14) west of treatment area usable and in good integrity?	x				
Cover Checklist	**Yes**	**No (Describe Deficiency**	**Not Applicable**	**Describe Corrective Action Performed**	**Describe Corrective Action Required**
Is cover material generally intact?	x			Northern shoreline cover repaired (7/31/23-8/2/23)	
Does soil cover appear to be impacted by erosion and/or flooding?		x			
Are park access road/asphalt pavings within Brownfields Site in good integrity?	x				
Are concrete pavings/parking areas in the vicinity of Red Barn in good integrity?	x				
Is soil cover adequately vegetated/stabilized?	x				
Is there any evidence of disturbance to the cover (i.e. excavation)?		x			
Any soil imported to Site to repair soil cover? (Note: must be in accordance with DER-10 and requires NYSDEC approval)		x			
General Site Condition	**Yes**	**No (Describe Deficiency**	**Not Applicable**	**Describe Corrective Action Performed**	**Describe Corrective Action Required**
Does the Site exhibit any condition of environmental concerns?		x			
Site Use	**Yes**	**No (Describe Deficiency**	**Not Applicable**	**Describe Corrective Action Performed**	**Describe Corrective Action Required**
Is the site use in accordance with the environmental easement? (Commercial use only)?	x				
Site Records	**Yes**	**No (Describe Deficiency**	**Not Applicable**	**Describe Corrective Action Performed**	**Describe Corrective Action Required**
Does the site operator have updated SMP and FER available on-site?	x				

ENGINEERING CONTROL INSPECTION & MAINTENANCE FORM

Long Dock Beacon Site (NYSDEC Site # C314112)

25 Long Dock Road, Beacon, NY 12508

Date: 11-Aug-23

Name & Position of Inspector/Technician: C. Clark

Company of Inspector/Technician: GBTS

Telephone: 845-867-4721

Fieldwork Type: Inspection Maintenance

Inspection Form (Monitoring Wells)	
Integrity of monitoring wells (MW-06R MW-08R, MW-11, MW-12, MW-13, and MW-14)	All monitoring wells intact.
Was damage to any well noted?	No
Describe any corrective action performed.	No
Are wells accessible?	Yes
Maintenance Form (Cover)	
Maintenance Activities Conducted (e.g damage repair):	The cover system on the northern shoreline was repaired by the volunteer, in accordance with the CMWP and Northern Shoreline Erosion CMWP, between July 31 to August 8, 2023.
Any Modification Made to the System?	No
Was the problem resolved?	Yes
Is a follow-up needed to resolve any problems with the system?	No
Photographs or Sketch of maintenance work attached with this form?	Yes, the cover system repair was documented by the volunteer in a CMWP Report (attached).
Copies of invoices for maintenance work, receipts for replacement equipment, etc. attached with this form?	Yes

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. **C314112**

Site Name Long Dock Beacon

Site Address: 8 and 23 Long Dock Beacon Road Zip Code: 12508-
City/Town: Beacon
County: Dutchess
Site Acreage: 6.440

Reporting Period: April 10, 2017 to October 20, 2023

	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? Commercial and Industrial	☒	☐
7. Are all ICs 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. C314112 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
5954-32-481840	The Scenic Hudson Land Trust Inc.	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

- The environmental easement area includes Parcel 1 (0.41 acres) and Parcel 4 (0.33 acres)

- The use of groundwater underlying the site is prohibited without treatment rendering it safe for intended use

-Evaluation of vapor intrusion with mitigation as required prior to the construction of new buildings on site

- Land use is limited to commercial or industrial use on Parcel 1 and restricted-residential, commercial or industrial use on Parcel 4.

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

- Monitoring of the site cover system

- Monitoring of on-site groundwater

5954-32-490828	Beacon Waterfront, LLC.	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

- The environmental easement area includes Parcel 2 (3.86 acres) and Parcel 5 (1.54 acres)

- The use of groundwater underlying the site is prohibited without treatment rendering it safe for intended use

-Evaluation of vapor intrusion with mitigation as required prior to the construction of new buildings on site

- Land use is limited to commercial or industrial use on Parcel 2 and restricted-residential, commercial or industrial use on Parcel 5.

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

- Monitoring of the site cover system

- Monitoring of on-site groundwater

5954-41-537725	The Scenic Hudson Land Trust, Inc.	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

- The environmental easement area includes Parcel 3 (0.30 acres)

- The use of groundwater underlying the site is prohibited without treatment rendering it safe for intended use

-Evaluation of vapor intrusion with mitigation as required prior to the construction of new buildings on site

- Land use is limited to commercial or industrial use

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

- Monitoring of the site cover system

- Monitoring of on-site groundwater

Box 4

Description of Engineering Controls

Parcel	Engineering Control
5954-32-481840	Cover System
- A site cover consisting of 1 foot of soil or other approved material on Parcel 1	
- A site cover consisting of 2 feet of soil on other approved material on Parcel 4	
5954-32-490828	Cover System
- A site cover consisting of 1 foot of soil or other approved material on Parcel 2	
- A site cover consisting of 2 feet of soil on other approved material on Parcel 5	
5954-41-537725	Cover System
- A site cover consisting of 1 foot of soil or other approved material on Parcel 3	

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 Engineering Control 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 engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The 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

Date

IC CERTIFICATIONS
SITE NO. C314112

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 Joe Kiernan (print name) at The Scenic Hudson Land Trust, Inc., 85 Civic Ctr Plaza; Ste 300, Poughkeepsie, NY 12601 (print business address),

am certifying as Owner (employee of SHLT) (Owner or Remedial Party)

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

Joe Kiernan

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

October 20, 2023

Date

EC CERTIFICATIONS

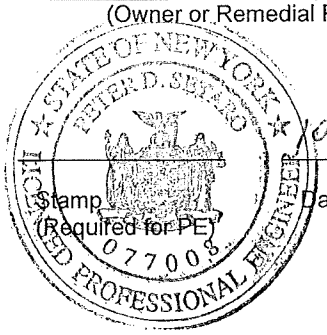
Box 7

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 Peter Setaro at 26 IBM Road, Poughkeepsie, N.Y. 12601
print name print business address

am certifying as a Qualified Environmental Professional for the Scenic Hudson Land Trust
(Owner or Remedial Party)



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

Stamp (Required for PE)

10/17/2023
Date

APPENDIX D

Photographs



1. Boardwalk, lawn, and asphalt paving (northwest portion of Site)



2. Concrete paving, boardwalk, and lawn (southwest portion of Site)



3. Repaired northern shoreline



4. Lawn (northern portion of Site)



5. Meadow planting (southern portion of Site)



6. Meadow planting (southeastern portion of Site)



7. Asphalt paving and lawn (eastern portion of Site)



8. Concrete and asphalt paving (northeastern portion of site)



9. Monitoring well MW-06R (southern portion of Site)



10. Monitoring well MW-08R (southeastern portion of Site)



11. Monitoring well MW-11 (southern portion of Site)



12. Monitoring well MW-12 (southern portion of Site)



13. Monitoring well MW-13 (southern portion of Site)



14. Monitoring well MW-14 (southern portion of Site)

APPENDIX E

Documentation of Corrective Measures

GALLAGHER BASSETT | TECHNICAL SERVICES

CORRECTIVE MEASURES WORK PLAN

LONG DOCK BEACON

CITY OF BEACON, DUTCHESS COUNTY, NEW YORK

BCP Site ID: C314112

May 9, 2023

GBTS Project: 23003-0018

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22 IBM Road – Suite 101
Poughkeepsie, NY 12601
(845) 452-1658 www.gallagherbassett.com

CORRECTIVE MEASURES WORK PLAN

May 9, 2023

GBTS File: 23003-0018

Prepared By:

Gallagher Bassett Technical Services
22 IBM Road, Suite 101
Poughkeepsie, New York 12601

Prepared For:

The Scenic Hudson Land Trust, Inc.
85 Civic Center Plaza, Suite 200
Poughkeepsie, New York 12601

I Victoria Panico certify that I am currently a Qualified Environmental Professional as in defined in 6 NYCRR Part 375 and that this Corrective Measures Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).



Victoria Panico, CHMM
Gallagher Bassett Technical Services
Senior Environmental Consultant
May 9, 2023

TABLE OF CONTENTS

1.0 PURPOSE 1

2.0 REMEDIAL ACTION 1

2.1 Overview 1

2.2 Governing Documents 1

2.3 NYSDEC Oversight and Approvals 2

2.4 Proposed Corrective Measure 2

3.0 SCHEDULE 2

ATTACHMENTS

A Proposed Fieldwork Map

B Photo Log

1.0 PURPOSE

This Corrective Measures Work Plan (CMWP) documents proposed environmental fieldwork to be conducted at the Long Dock Beacon site located in the City of Beacon, New York (hereinafter referred to as the "Site"). The Site is currently in the New York State Brownfield Cleanup Program (BCP), Site No. C314112. The Site was remediated in accordance with an approved Remedial Action Work Plan (RAWP), which required installation of an Engineering Control (a cover of clean material that prevents exposure to remaining contaminated soil) and is subject to the requirements of an approved Site Management Plan (SMP).

The Site is located along the shores of the Hudson River and is utilized as a park (see Attachment A – Proposed Fieldwork Map). A small portion of the northern shoreline was impacted in late 2018 by high tides/storm surges, resulting in damage to marginal areas of the installed cover (12-inches thick at this portion of the park). As an interim measure, the Volunteer (Scenic Hudson) has installed temporary fencing to prevent access by users of the park and placed barrier materials (coir logs) to cover exposed soil, prevent further erosion and as an additional means of avoiding any exposures. Photographs of the impacted area are provided as Attachment B.

The purpose of this CMWP is to provide guidance for completion of permanent repairs to the cover system.

2.0 REMEDIAL ACTION

2.1 Overview

Scenic Hudson will permanently repair the cover in compliance with the SMP. Exposed subsurface soil and the overlying demarcation layer will be covered with a NYSDEC-approved cover material capable of providing sufficient shoreline protection.

2.2 Governing Documents

All work will be conducted in general accordance with the SMP and RAWP, and these documents are incorporated into this CMWP by reference. Fieldwork conducted during implementation of the CMWP will follow applicable protocols/procedures as specified in the RAWP.

2.3 NYSDEC Oversight and Approvals

All fieldwork will be conducted with the approval of the NYSDEC Project Manager for the Site, who may specify additional and/or modified procedures for implementing the CMWP. Any materials imported to the Site will meet SMP requirements and be pre-approved by NYSDEC.

2.4 Proposed Corrective Measure

Scenic Hudson will obtain NYSDEC's approval for all proposed cover materials prior to importation to the Site. Installation of the imported materials will follow good construction practices. The previously installed demarcation layer will be inspected and repaired in all areas as necessary.

All work to restore the cover system will be under the supervision of a Professional Engineer, who will provide final certification that the repaired cover system meets all SMP requirements and that the remedial action has not resulted in damage to any other portions of the cover system. Scenic Hudson will maintain complete documentation (photographic record, manifests, etc.) for inclusion in a final report to NYSDEC.

3.0 SCHEDULE

The following timeline is proposed:

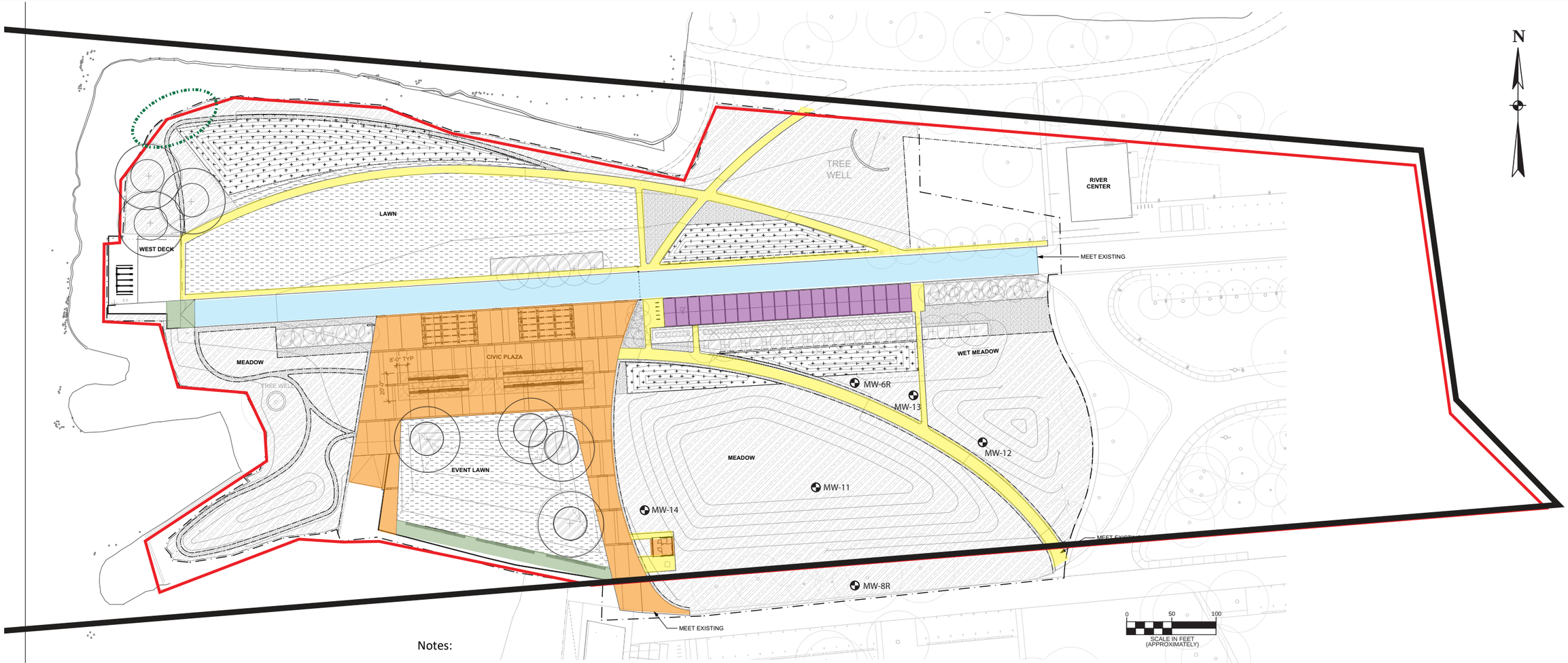
- Week 1 – 2 Obtain NYSDEC approval of proposed cover materials
- Week 3 – 6 Shoreline construction, repair of demarcation layer and cover system
- Week 7 - 9 Submit Periodic Review Report to NYSDEC

ATTACHMENT A

Proposed Fieldwork Map

ARCHITECTURE
ENGINEERING
PLANNING
CPLteam.com

GALLAGHER BASSETT | TECHNICAL SERVICES



SYMBOL	KEY	DESCRIPTION	DETAIL REF.	SPEC SECTION
— · –		LIMIT OF WORK		
— ··· –		EXISTING SHORELINE PROTECTION		
	SP-1	SOIL PROFILE 1 - HIGH USE LAWN	1 / L7.00	329100
	SP-1B	SOIL PROFILE 1B - LAWN	2 / CSK-01	329100
	SP-2	SOIL PROFILE 2 - TREE PLANTING	2 / L7.00	329100
	SP-3	SOIL PROFILE 3 - BIORETENTION	3 / L7.00	329110
	SP-4	SOIL PROFILE 4 - STRUCTURAL PLANTING	5 / L7.00	329100
	SP-5	SOIL PROFILE 5 - MEADOW PLANTING	6 / L7.00	329100
	SP-TH	TWO HORIZON SOIL PROFILE, LAWN SOIL AT STEEP SLOPE	1 / CSK-01	329100

NOTE:
1. LIMIT HEAVY EQUIPMENT TO LIMITS OF FUTURE PATH AND DRIVE, PROTECTING NEW SOILS

Notes:

1. Soil Profile 1 – High Use Lawn (6” Soil Layer S1, 6” Soil Layer S3 over demarcation fabric)
2. Soil Profile 1B – Lawn (6” topsoil over at least 6” compacted clean fill above demarcation fabric)
3. Soil Profile 2 – Tree Planting (8” Soil Layer S1, 2’ Soil Layer S2, 6” Soil Layer S3 over existing subgrade above demarcation fabric)
4. Soil Profile 4 – Structural Fill (Varying depth Soil Layer S1, 2’ Soil Layer S2, 6” Soil Layer S3 over demarcation fabric)
5. Soil Profile 5 – Meadow Planting (at least 1” of clean fill amended with 2-3” of compost above demarcation fabric)
6. Two Horizon Soil Profile, Lawn Soil at Steep Slope (6” Soil Layer at least 6” compacted clean fill for a total minimum of 1’ above demarcation fabric)
7. Boardwalk – Three 18” square with 18” of crushed stone backfill between them above demarcation fabric.
8. West Deck – Twenty-one 30” diameter concrete footings surrounding a minimum 1’compacted crushed stone above demarcation fabric

Legend:

- Site boundary
- Environmental easement boundary
- stonedust paving
- bituminous concrete paving
- concrete paving at parking
- concrete pavilng
- boardwalk west deck
- monitoring well location
- proposed area of repair (2018 Erosion Area)

Base map provided by Reed-Hilderbrand - L3.10 dated 07/31/17. 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.

Proposed Fieldwork Map

Long Dock Beacon Site
NYSDEC BCP Site ID: C314112
Red Flynn Drive
City of Beacon, Dutchess County, New York

File: 23003-0018

Scale as shown

May 2023 | Attachment A

ATTACHMENT B

Photo Log



1. Damaged northern shoreline (provided by Scenic Hudson, April 2023)

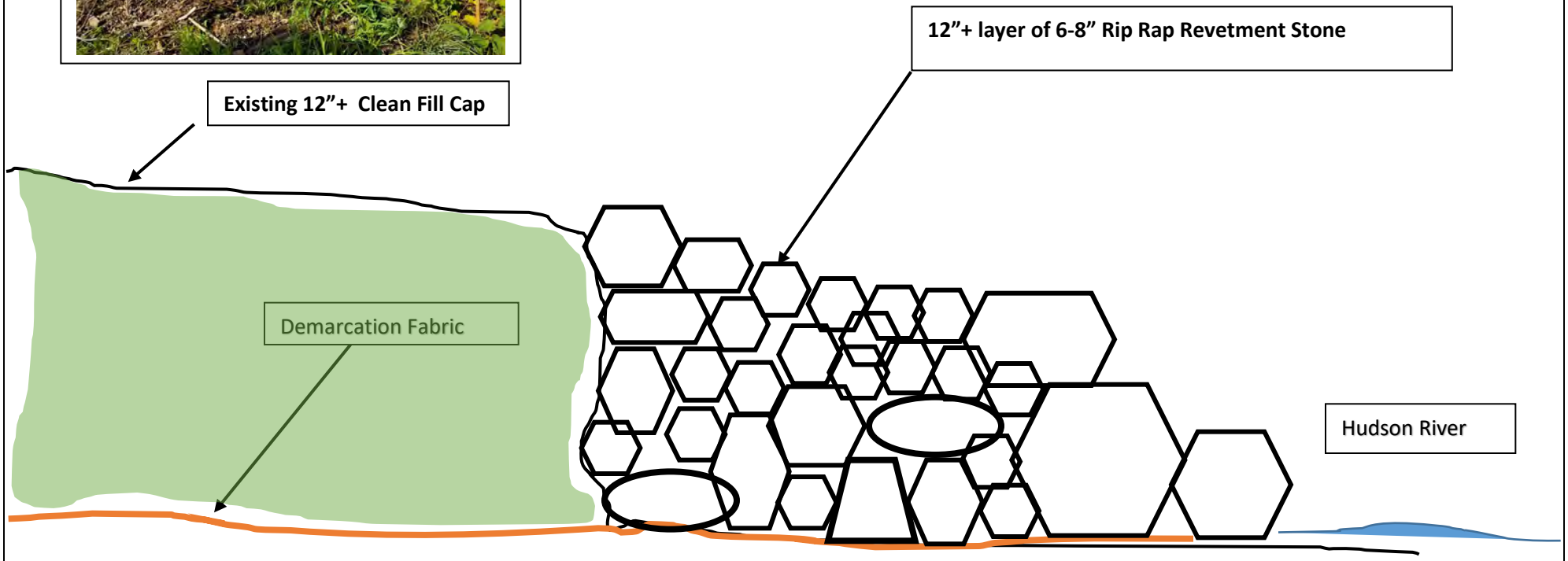


2. Damaged northern shoreline (provided by Scenic Hudson, April 2023)

SCENIC HUDSON'S LONG DOCK PARK: NORTHWEST SHORELINE EROSION CORRECTIVE MEASURES WORK PLAN:

The shoreline profile along the north shore requires analysis and design by a marine engineer to maintain a naturalized, vegetated shore that is resistant to the erosive forces of tides, waves and storms. As a temporary measure, a twelve-inch layer of medium rip-rap stone will be placed on top of the exposed demarcation layer to temporarily restore the engineering control while the shoreline design work is completed.





SCENIC HUDSON, INC.
85 Civic Center Plaza Ste 300
Poughkeepsie, NY 12601
Tel: 845 473 4440
Fax: 845 473 2648
ScenicHudson.org

Scenic Hudson's Long Dock Park
NYSDEC Site Number: C314112

Corrective Measures Work Plan Report

Northwest Shoreline Erosion Incidents:

The northwest shoreline is unprotected from wind-driven waves and tidal forces, which have increased in intensity over the past several years. In October of 2018, a strong storm out of the northwest arrived during a spring tide and full moon. The force and height of the waves washed away portions of the 12" clean cover material exposing the orange demarcation fabric in this area. Subsequent storms in the intervening years extended the erosion of the clean cap in this area of the shoreline.





Images of the eroded shoreline exposing demarcation layer

Corrective Measure Strategy:

The increased frequency of strong storms and wind-driven waves combined with projected sea level rise will only make the site impacts more severe. In consideration of this and the existing shoreline conditions, in the next year Scenic Hudson intends to seek proposals from qualified marine engineers for a more robust shoreline treatment that is both protective of the engineering controls and in keeping with sustainable shoreline principals. Scenic Hudson will follow the requirements of the SMP as required in designing, permitting and completing the work.

As an interim measure, Scenic Hudson submitted a CMWP and Request to Import Fill with the required documentation to NYS DEC, who approved the work. In early August 2023, Scenic Hudson worked with a trusted site work contractor to import

certified clean, light and medium stone fill and placed these materials in a minimum 12” thick layer to reestablish the required clean cover depth.



Images of depth of cover, work in progress and finished work

Attached for record and reference are the CMWP submitted for approval, the letters from the suppliers certifying their materials as clean, virgin granite and suitable for use on this site along with the material tickets from the quarry as supplied by the contractor.

Fishkill Aggregate

Thalle Industries

Ticket No.: **428354**
REPRINT

Date : 8/1/2023 Time: 12:32:20PM
Location : **Fishkill Aggregate**
Customer : 760 - Maple Leaf Associates
Order : 197-2023 - 2023 PRICING
Cust Job:
P.O. :
Product : LSF - Light Stone Filling 620.03
-
Carrier : -
Vehicle : 15901NC - 15901NC

9.08 Ton

	Pounds	Tons	Metric
Gross	34000	17.00	15.42
Tare	15840 *	7.92*	7.18*
Net	18160	9.08	8.24

* P. T.

Price		26.00	236.08
Freight		0.00	0.00
Tax	DUT	0.00	19.18
Total:			255.26
Today:	36.18	Loads:	4

Weighmaster: Christina Martins 606570

Fishkill Aggregate

Thalle Industries

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Fishkill Aggregate

Thalle Industries

Ticket No.: **428336**
REPRINT

Date : 8/1/2023 Time: 11:40:00AM
Location : **Fishkill Aggregate**
Customer : 760 - Maple Leaf Associates
Order : 197-2023 - 2023 PRICING
Cust Job:
P.O. :
Product : LSF - Light Stone Filling 620.03
-
Carrier : -
Vehicle : 15901NC - 15901NC

	Pounds	Tons	Metric
Gross	35160	17.58	15.95
Tare	15840 *	7.92*	7.18*
Net	19320	9.66	8.76

* P. T.

9.66 Ton

Price		26.00	251.16
Freight		0.00	0.00
Tax	DUT	0.00	20.41
Total:			271.57
Today:	27.10	Loads:	3

Weighmaster: Christina Martins 606570

Fishkill Aggregate

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Date : 8/1/2023 Time: 11:40:00AM
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Fishkill Aggregate

Thalle Industries

Ticket No.: **428324**
REPRINT

Date : 8/1/2023 Time: 10:59:38AM
Location : **Fishkill Aggregate**
Customer : 760 - Maple Leaf Associates
Order : 197-2023 - 2023 PRICING
Cust Job:
P.O. :
Product : LSF - Light Stone Filling 620.03
-
Carrier : -
Vehicle : 15901NC - 15901NC

8.77 Ton

	Pounds	Tons	Metric
Gross	33380	16.69	15.14
Tare	15840 *	7.92*	7.18*
Net	17540	8.77	7.96

* P. T.

Price		26.00	228.02
Freight		0.00	0.00
Tax	DUT	0.00	18.53
Total:			246.55
Today:	17.44	Loads:	2

Weighmaster: Christina Martins 606570

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Tax	DUT	0.00	18.53
Total:			246.55
Today:	17.44	Loads:	2

Weighmaster: Christina Martins 606570

Fishkill Aggregate

Thalle Industries

Ticket No.: **428316**
REPRINT

Date : 8/1/2023 Time: 10:19:32AM
Location : **Fishkill Aggregate**
Customer : 760 - Maple Leaf Associates
Order : 197-2023 - 2023 PRICING
Cust Job:
P.O. :
Product : LSF - Light Stone Filling 620.03
-
Carrier : -
Vehicle : 15901NC - 15901NC

	Pounds	Tons	Metric
Gross	33180	16.59	15.05
Tare	15840	7.92	7.18
Net	17340	8.67	7.87

8.67 Ton

Price		26.00	225.42
Freight		0.00	0.00
Tax	DUT	0.00	18.32
Total:			243.74
Today:	8.67	Loads:	1

Weighmaster: Christina Martins 606570

Fishkill Aggregate

Thalle Industries

Ticket No.: **428316**
REPRINT

Date : 8/1/2023 Time: 10:19:32AM
Location : **Fishkill Aggregate**
Customer : 760 - Maple Leaf Associates
Order : 197-2023 - 2023 PRICING
Cust Job:
P.O. :
Product : LSF - Light Stone Filling 620.03
-
Carrier : -
Vehicle : 15901NC - 15901NC

	Pounds	Tons	Metric
Gross	33180	16.59	15.05
Tare	15840	7.92	7.18
Net	17340	8.67	7.87

8.67 Ton

Price		26.00	225.42
Freight		0.00	0.00
Tax	DUT	0.00	18.32
Total:			243.74
Today:	8.67	Loads:	1

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Today:	8.67	Loads:	1

Weighmaster: Christina Martins 606570

January 24, 2023

To Whom It May Concern:

Thalle Industries Inc. Fishkill Quarry is a New York State DOT approved material source. The Source Number is 8-54R. This Source is 100% virgin Granite that is quarried and processed to finished sizes.

The following gradation is provided for NYSDOT Item 620.03 Light Stone Filling.

Stone Size	Sample	Requirement
Lighter than 100lbs	100%	90-100%
Sample Max	95lbs	
Larger than 6”	75%	50-100%
Sample Min	3”	
Smaller than ½”	<1%	0-10%

This product is 100% Shot Rock, sized for this application.

Please contact me with any questions regarding this material.

Yours truly,



Robert Patton
Quality Control

January 24, 2023

To Whom It May Concern:

Thalle Industries Inc. Fishkill Quarry is a New York State DOT approved material source. The Source Number is 8-54R. This Source is 100% virgin Granite that is quarried and processed to finished sizes.

The following gradation is provided for NYSDOT Item 620.04, Medium Stone Filling, meeting the requirements of section 733.2103:

Stone Size	Sample	Requirement
Heavier Than 100lbs (50kg)	75%	50-100%
Smaller than 4” (100mm)	<5%	0-10%

This product is 100% Shot Rock, sized for this application.

Please contact me with any questions regarding this material.

Yours truly,



Robert Patton
Quality Control

MAPLE LEAF ASSOCIATES

Invoice #1606

4 Morrissey Drive
Putnam Valley, NY 10579
(845) 526-2024
www.mapleleafassociates.com

Date	8/31/2023
Terms	Due on Receipt
PO #	
Sales Rep	James Miksad

Bill To

Joe Kiernan
The Scenic Hudson Land Trust
One Civic Center Plaza
Poughkeepsie, NY 12601

Property Address

Long Dock Park
8 Long Dock Road
Beacon, NY 12508

Description	Qty	UOM	Rate	Amount
#1221 - Landscape Management Services 2023-2024 - August 2023				**$9,268.55**
#1330 - Shoreline Stabilization: Installed light stone fill along shoreline to restabilize area that was being eroded.				
General Construction - 08/02/2023				
Labor - 07/31/23	1.59	Hrs	$90.00	$143.10
Labor - 07/27/23	15.05	Hrs	$90.00	$1,354.50
Labor - 08/02/23	35.10	Hrs	$90.00	$3,159.00
Labor - 08/01/23	47.47	Hrs	$90.00	$4,272.30
80 Tall Fescue 20 Perennial Rye - 50lb (Material)	1.00		$97.44	$97.44
Light Stone Filling (Material)	36.18		$77.00	$2,785.86
Shredded Straw (Material)	2.00		$15.36	$30.72
Topsoil (Material)	1.00		$40.00	$40.00

Subtotal	$21,151.47
Sales Tax	$0.00
Total	**$21,151.47**
Credits/Payments	($0.00)
Balance Due	**$21,151.47**

Current	1-30 Days Past Due	31-60 Days Past Due	61-90 Days Past Due	90+ Days Past Due
$0.00	$21,151.47	$12,521.15	$0.00	$0.00

DISCLAIMER: Payment accepted by cash, check, or credit card. To pay by credit card please log on to our website https://www.mapleleafassociates.com/pay-online/